

F-NO.PI-4(18)/2014-15  
Government of Pakistan  
Ministry of Energy  
Power Division  
\*\*\*\*

Islamabad, the 28<sup>th</sup> March, 2018

✓ Registrar NEPRA,  
Islamabad.

Chief Executive Officer (TESCO)  
Peshawar.

Chief Executive Officer LESCO,  
Lahore.

Chief Executive Officer HESCO,  
Hyderabad.

Chief Executive Officer MEPCO,  
Multan.

Chief Executive Officer QESCO,  
Quetta.

Chief Executive Officer GEPCO,  
Gujranwala.

Chief Executive Officer IESCO  
. Islamabad.

Chief Executive Officer FESCO  
FESCO

Chief Executive Officer PESCO  
Peshawar

Chief Executive Officer SEPCO  
Sukkur.

Subject: NOTIFICATION OF DISCO's.

I am directed to intimate that Notifications Nos. SRO.374 (I)/2018 to SRO No.383 (I)/2018 dated: 22<sup>nd</sup> March, 2018 is attached for further necessary action pl.

For my personal use  
— SA (T) - I

Copy to:

- SA (Tech)
- DG (M & E)
- ADG (UL)
- ADG (CAD)
- DRO/DReg-II
- DReg-I/Mr. Rizwan
- M/F

02 04 18

cc: Chairman  
VC/M (M & E)  
M (T)  
M (UL)  
M (CAD)

(Syed Mateen Ahmed)  
Section Officer (Tariff)

Registrar	3267
Dy No.	.....
Dated	02-04-18

Government of Pakistan  
Ministry of Energy  
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Islamabad, the 22<sup>nd</sup> March, 2018.

**NOTIFICATION**

S.R.O. <sup>374</sup>(I)/2018. - In pursuance of sub-section (4) & (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), and in supersession of its notification No. S.R.O. 566(I)/2015, dated the June 10<sup>th</sup>, 2015, the Federal Government is pleased to notify the National Electric Power Regulatory Authority's in field determined Schedule Of Electricity Tariffs for the Quetta Electric Supply Company (QESCO), subject to and alongwith amount of subsidy and surcharges, with immediate effect, as attached herewith. The Order dated March 25, 2016 and dated October 23, 2017 of the Authority at Annex-I and IA, Fuel Price Adjustment Mechanism and Quarterly/Biannual Adjustment Mechanism at Annex-II and IIA, QESCO Estimated Sales Revenue in field at Annex-III, QESCO Power Purchase Price at Annex-IV, the Terms and Conditions of Tariff (For Supply Of Electric Power To Consumers By Distribution Licensee) at Annex-V to this notification is notified, in respect of QESCO.

2. Provided that in pursuance of sub-section (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), the Federal Government is pleased to notify that there shall be levied with immediate effect a surcharge namely, "Tariff Rationalization Surcharge"- at the rate mentioned against categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by QESCO, during each of the billing month, for maintaining uniform rates of electricity across the country for each of the consumer category. QESCO shall deposited the amount of Tariff Rationalization Surcharge in a Fund called the "Tariff Rationalization Fund" to be kept in the Escrow Account maintained at Central Power Purchasing Agency (Guarantee) Limited and utilized exclusively for discharging of determined cost of power producers. The Tariff Rationalization Surcharge shall be considered as a cost incurred by QESCO and included in the tariff determined by NEPRA.

3. Provided further that in pursuance of sub-section (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997

(XL of 1997), the Federal Government is pleased to notify that there shall be levied with immediate effect a surcharge namely, "Financing Cost Surcharge" at the rate and categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by QESCO, during each of the billing month. QESCO shall deposited the amount of Financing Cost Surcharge in a Fund called the "Financing Cost Fund" to be kept in the Escrow Account maintained at Central Power Purchasing Agency (Guarantee) Limited for the exclusive use of discharging the financing cost of various loans obtained to discharge liabilities of power producers against the sovereign guarantees of the Government of Pakistan. The Financing Cost Surcharge shall be considered as a cost incurred by QESCO and included in the tariff determined by NEPRA.

4. Provided further that there shall be levied till the 30th June, 2018, Neelum-Jhelum Surcharge at the rate and categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by QESCO, during each of the billing month and such surcharge shall be deposited in a Fund called the "Neelum-Jhelum Hydro Power Development Fund" to be kept in the Escrow Account of the Neelum-Jhelum Company for exclusive use for the Neelum-Jhelum Hydro Power Project.

**SCHEDULE OF ELECTRICITY TARIFFS**  
**QUTTA ELECTRIC SUPPLY COMPANY LIMITED (QESCO)**

**A-1 GENERAL SUPPLY TARIFF - RESIDENTIAL**

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./h/M	VARIABLE CHARGES		FYA 2016		Write-off Charges		FYA 2017		Total Variable Charges		G&P Tariff Retention/Rebate			
			Rs./h/M	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Subsidy	Subsidy	Subsidy	Subsidy
a)	For Sanctioned load less than 5 kW	-	-	4.00	-	-	-	-	-	-	4.00	-	-	-	-	-
i)	Up to 50 Units	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ii)	For Consumption exceeding 50 Units	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
iii)	001 - 100 Units	-	-	9.41	0.29	-	-	-	0.01	-	9.71	-	-	-	-	-
iv)	101 - 300 Units	-	-	11.41	0.29	-	-	-	0.02	-	12.13	-	-	-	-	-
v)	301 - 500 Units	-	-	11.44	0.29	-	-	-	0.02	-	12.17	-	-	-	-	-
vi)	501 - 700 Units	-	-	13.81	0.29	-	-	-	0.02	-	14.13	-	-	-	-	-
vii)	Above 700 Units	-	-	15.81	0.29	-	-	-	0.02	-	16.12	-	-	-	-	-
b)	For Sanctioned load 5 kW & above	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Time of Use		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		-	-	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak
		-	-	15.81	9.41	0.29	0.29	-	-	0.02	0.02	16.12	9.72	-	-	1.88

As per Authority's decision residential consumers will be given the benefit of only one previous bill.

Under tariff A-1, there shall be minimum monthly charges at the following rates even if no energy is consumed.

a) Single Phase Connection: Rs. 75/- per consumer per month

b) Three Phase Connection: Rs. 150/- per consumer per month

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

**A-2 GENERAL SUPPLY TARIFF - COMMERCIAL**

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./h/M	VARIABLE CHARGES		FYA 2016		Write-off Charges		FYA 2017		Total Variable Charges		G&P Tariff Retention/Rebate			
			Rs./h/M	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Subsidy	Subsidy	Subsidy	Subsidy
a)	For Sanctioned load less than 5 kW	-	-	15.81	0.29	-	-	-	0.02	-	16.12	-	-	-	-	-
b)	For Sanctioned load 5 kW & above	400.00	-	11.41	0.29	-	-	-	0.02	-	12.12	-	-	-	-	-
Time of Use		-	-	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak
		-	-	15.81	9.42	0.29	0.29	-	-	0.02	0.02	16.12	9.72	-	-	1.88

Under tariff A-2, there shall be minimum monthly charges at the following rates even if no energy is consumed.

a) Single Phase Connection: Rs. 175/- per consumer per month

b) Three Phase Connection: Rs. 350/- per consumer per month

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

**A-3 GENERAL SUPPLY TARIFF - INDUSTRIAL**

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./h/M	VARIABLE CHARGES		FYA 2016		Write-off Charges		FYA 2017		Total Variable Charges		G&P Tariff Retention/Rebate			
			Rs./h/M	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Subsidy	Subsidy	Subsidy	Subsidy
a)	General Services	-	-	12.77	0.29	-	-	-	0.02	-	13.07	-	-	-	-	-

Under tariff A-3, there shall be minimum monthly charges at the following rates even if no energy is consumed.

a) Single Phase Connection: Rs. 175/- per consumer per month

b) Three Phase Connection: Rs. 350/- per consumer per month

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./h/M	VARIABLE CHARGES		FYA 2016		Write-off Charges		FYA 2017		Total Variable Charges		G&P Tariff Retention/Rebate			
			Rs./h/M	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Subsidy	Subsidy	Subsidy	Subsidy
B1	Up to 25 kW (at 400/230 Volts)	-	-	11.32	0.28	-	-	-	0.02	-	11.63	-	-	-	-	-
B2(a)	Exceeding 25-400 kW (at 400 Volts)	400.00	-	10.81	0.29	-	-	-	0.02	-	11.13	-	-	-	-	-
Time of Use		-	-	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak
		-	-	15.81	9.41	0.29	0.29	-	-	0.02	0.02	16.12	9.73	-	-	1.88
B2(b)	Exceeding 25-400 kW (at 900 Volts)	400.00	-	15.81	9.21	0.29	0.29	-	-	0.02	0.02	16.13	9.53	-	-	1.88
B3	For All Loads up to 5000 kW (at 11.33 kV)	360.00	-	15.81	9.11	0.29	0.29	-	-	0.02	0.02	16.12	9.43	-	-	1.88
B4	For All Loads (at 66,132 kV & above)	360.00	-	15.82	9.02	0.28	0.28	-	-	0.02	0.02	16.12	9.32	-	-	1.88

For B1 consumers there shall be a fixed minimum charge of Rs. 250 per month.

For B2 consumers there shall be a fixed minimum charge of Rs. 2,000 per month.

For B3 consumers there shall be a fixed minimum charge of Rs. 50,000 per month.

For B4 consumers there shall be a fixed minimum charge of Rs. 500,000 per month.

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

**C. SINGLE POINT SUPPLY FOR PURCHASE IN BULK BY A DISTRIBUTION LICENSEE AND FIXED LONG TERM CONTRACTS NOT FALLING IN ANY OTHER CONTRACT CLASS**

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./h/M	VARIABLE CHARGES		FYA 2016		Write-off Charges		FYA 2017		Total Variable Charges		G&P Tariff Retention/Rebate			
			Rs./h/M	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Rs./h/W	Subsidy	Subsidy	Subsidy	Subsidy
C-1	For supply at 400/230 Volts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
a)	Sanctioned load less than 5 kW	-	-	11.82	0.28	-	-	-	0.02	-	12.12	-	-	-	-	-
b)	Sanctioned load 5 kW & up to 900 kW	400.00	-	11.32	0.28	-	-	-	0.02	-	11.62	-	-	-	-	-
C-2(a)	For supply at 11.33 kV up to and including 5000 kW	380.00	-	11.12	0.28	-	-	-	0.02	-	11.42	-	-	-	-	-
C-3(a)	For supply at 66 kV & above and sanctioned load above 5000 kW	360.00	-	11.02	0.28	-	-	-	0.02	-	11.32	-	-	-	-	-
Time of Use		-	-	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak
		-	-	15.82	9.42	0.28	0.28	-	-	0.02	0.02	16.12	9.72	-	-	1.88
C-1(a)	For supply at 400/230 Volts 5 kW & up to 900 kW	400.00	-	15.82	9.22	0.28	0.28	-	-	0.02	0.02	16.12	9.52	-	-	1.88
C-2(b)	For supply at 11.33 kV up to and including 5000 kW	360.00	-	15.82	9.22	0.28	0.28	-	-	0.02	0.02	16.12	9.52	-	-	1.88
C-3(b)	For supply at 66 kV & above and sanctioned load above 5000 kW	360.00	-	15.82	9.12	0.28	0.28	-	-	0.02	0.02	16.12	9.42	-	-	1.88

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

**SCHEDULE OF ELECTRICITY TARIFFS**  
**QUTTA ELECTRIC SUPPLY COMPANY LIMITED (QESCO)**

**D : AGRICULTURE TARIFF**

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./h/W	PTA 2016 Rs./h/W	Write-off Charges Rs./h/W	PTA 2017 Rs./h/W	Total Variable Charges Rs./h/W	QeP Tariff Rationalization		
								Subsidy		
								FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./h/W	Surcharge VARIABLE CHARGES Rs./h/W
0-1(a)	SCARP less than 5 kW	-	12.02	0.28	-	0.02	12.33	-	0.28	-
0-2 (a)	Agricultural Tube Wells	200.00	11.32	0.28	-	0.04	11.64	-	0.24	-
			Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak
0-1(b)	SCARP 5 kW & above	200.00	15.82	9.12	0.28	0.28	16.12	5.42	1.12	0.27
0-2 (b)	Agricultural 5 kW & above	200.00	15.82	9.12	0.28	0.02	16.12	5.42	5.77	2.87

In addition to above mentioned subsidy on variable charges, the fixed charges applicable to private agricultural consumers under tariff D-2 and D-1 (b) is also picked by QeP as Subsidy.

Under this tariff, there shall be minimum monthly charges Rs.2000/- per consumer per month, even if no energy is consumed.  
Note: The consumers having metered load less than 5 kW can opt for TOU metering.

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

**E : TEMPORARY SUPPLY TARIFF**

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./h/W	PTA 2016 Rs./h/W	Write-off Charges Rs./h/W	PTA 2017 Rs./h/W	Total Variable Charges Rs./h/W	QeP Tariff Rationalization		
								Subsidy		
								FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./h/W	Surcharge VARIABLE CHARGES Rs./h/W
E-1(i)	Residential Supply	-	15.81	0.29	-	0.02	16.12	-	-	4.14
E-1(ii)	Commercial Supply	-	15.82	0.28	-	0.02	16.12	-	-	6.23
E-2	Industrial Supply	-	11.32	0.28	-	0.02	11.62	-	-	5.23

For the categories of E-1(ii)&E-2, the minimum bill of the consumer shall be Rs. 50/- per day subject to a minimum of Rs.500/- for the entire period of supply, even if no energy is consumed.

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

**F : GENERAL INDUSTRIAL SUPPLY TARIFF**

125% of relevant industrial tariff

Note: Tariff F consumers will have the option to convert to Regular Tariff and vice versa. This option can be exercised at the time of a new connection or at the beginning of the season. Once exercised, the option remains in force for at least one year.

**G : PUBLIC LIGHTING**

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./h/W	PTA 2016 Rs./h/W	Write-off Charges Rs./h/W	PTA 2017 Rs./h/W	Total Variable Charges Rs./h/W	QeP Tariff Rationalization		
								Subsidy		
								FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./h/W	Surcharge VARIABLE CHARGES Rs./h/W
	Street Lighting	-	10.82	0.28	-	0.02	11.12	-	-	2.88

Under Tariff G, there shall be a minimum monthly charge of Rs.500/- per month per kW of lamp capacity installed.

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

**H : RESIDENTIAL COOKERS ATTACHED TO INDUSTRIAL PREMISES**

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./h/W	PTA 2016 Rs./h/W	Write-off Charges Rs./h/W	PTA 2017 Rs./h/W	Total Variable Charges Rs./h/W	QeP Tariff Rationalization		
								Subsidy		
								FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./h/W	Surcharge VARIABLE CHARGES Rs./h/W
	Residential Cookers attached to industrial premises	-	10.82	0.28	-	0.02	11.12	-	-	2.66

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

**I : SPECIAL COOKING STOVE TARIFF FOR RURAL AREAS FROM WHICH 50% SUBSIDY IS AVAILABLE**

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./h/W	PTA 2016 Rs./h/W	Write-off Charges Rs./h/W	PTA 2017 Rs./h/W	Total Variable Charges Rs./h/W	QeP Tariff Rationalization		
								Subsidy		
								FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./h/W	Surcharge VARIABLE CHARGES Rs./h/W
J-1	For supply at 66 kV & above and having metered load of 20kW & above	360.00	11.02	0.28	-	0.02	11.32	-	-	-
J-2	(a) For supply at 11.22 kV	360.00	11.12	0.28	-	0.02	11.42	-	-	-
	(b) For supply at 66 kV & above	360.00	11.02	0.28	-	0.02	11.32	-	-	-
J-3	(a) For supply at 11.22 kV	360.00	11.12	0.28	-	0.02	11.42	-	-	-
	(b) For supply at 66 kV & above	360.00	11.02	0.28	-	0.02	11.32	-	-	-
	Time Of Use		Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak
J-1(b)	For supply at 66 kV & above and having metered load of 20kW & above	360.00	15.82	9.12	0.28	0.28	16.12	5.42	10.12	9.42
J-2 (a)	For supply at 11.22 kV	360.00	15.82	9.12	0.28	0.28	16.12	5.42	10.12	9.42
J-2 (b)	For supply at 66 kV & above	360.00	15.82	9.12	0.28	0.28	16.12	5.42	10.12	9.42
J-3 (a)	For supply at 11.22 kV	360.00	15.82	9.12	0.28	0.28	16.12	5.42	10.12	9.42
J-3 (b)	For supply at 66 kV & above	360.00	15.82	9.12	0.28	0.28	16.12	5.42	10.12	9.42

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

Note:

\* "Fuel & Lubricant Surcharge" at the rate of Rs. 0.16/h/W applicable to all electricity consumers except lifeline domestic consumers of the category "Residential A-1" for electricity sold.

\* "Financing Cost Surcharge" at the rate of Rs. 0.42/h/W applicable to all the electricity consumers except lifeline domestic consumers of the category "Residential A-1" for electricity sold.

## ORDER

- 1 From what has been discussed above, the Authority hereby determines the tariff of the Petitioner Company for the Financial Year 2015-16 as under :-

- I. Quetta Electric Supply Company Limited (QESCO) is allowed to charge its consumers such tariff as set out in the schedule of tariff for QESCO annexed to the determination.
- II. The actual variation in fuel cost component of power purchase price against the reference fuel cost component shall be adjusted on monthly basis without taking into account the T&D losses. The monthly fuel price adjustment shall be based on the actual information submitted by CPPA (G), adjustment of remaining components of PPP will be adjusted biannually. Here it is pertinent to mention that while making biannual adjustments of the PPP, the Authority may rationalize the SoT accordingly.

- III. QESCO is allowed to charge the users of its system a "Use of system charge" (UOSC) equal to:

- i) Where only 132 kV system is involved

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.01)} \times AFI(T) \quad \text{Paisa / kWh}$$

- ii) Where only 11 kV distribution systems is involved:

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.05)} \times AFI(D) \quad \text{Paisa / kWh}$$

- iii) Where both 132 kV and 11 kV distribution systems are involved.

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.06)} \times AFI(TD) \quad \text{Paisa / kWh}$$

Where:

Gross Distribution Margin for FY 2015-16 is set at Rs.1.49/kWh (without excluding impact of other income)

'L' is the overall percentage loss assessment for the respective year.

AFI (T) = Adjustment factor for investment at 132 kV level i.e.29%

AFI (D) = Adjustment factor for investment at 11 kV level i.e. 21%.

AFI (TD) = Adjustment factor for investment at both 132 kV & 11 kV level i.e. 50%.

- IV. The residential consumers will be given the benefit of only one previous slab.

- V. T&D losses target of 17.50% has been assessed for QESCO for the FY 2015-16.
- VII. Total investment of Rs.4,300 million has been approved.
- VIII. The Order part, Annex-I, II, III, IV, V, VI and VII annexed with determination is intimated to the Federal Government for notification in the official gazette under Section 31(4) of the NEPRA Act.
- IX. The Authority hereby determines and approves the following component wise cost and their adjustments mechanism in the matter of QESCO's tariff petition for the FY 2015-16.

TARIFF COMPONENT	Assessed Cost FY 2015-16	ADJUSTMENTS/ ASSESSMENT	TIME LINES
POWER PURCHASE PRICE			
Energy Purchase Price			
Fuel Cost	29,460	Monthly, as per the approved mechanism.	Data to be provided by CPPA (G) by 3 <sup>rd</sup> of close of the month
Variable O&M	1,632	Biannually, as per the approved mechanism.	Request to be furnished by the Petitioner not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
Capacity Charges	14,374	Biannually, as per the approved mechanism.	Request to be furnished by the Petitioner not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
Use of System Charges	1,823	Biannually, as per the approved mechanism.	Request to be furnished by the Petitioner not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
T&D Losses	17.50%	Biannually, as per the approved mechanism.	Request to be furnished by the Petitioner not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
NET DISTRIBUTION MARGIN	5,221		
O&M Cost			
Salaries, wages & other benefits	2,795	Annually	On the basis of next year tariff petition.
Post-Retirement benefits	418	----do----	----do----
Repair and Maintenance	650	----do----	----do----
Other operating expanses	515	----do----	----do----
Depreciation	916	----do----	----do----
Return on Rate Base	1,192	----do----	----do----
Other Income	(1,267)	----do----	----do----
Prior Year Adjustment	8,691	----do----	----do----

## 2. Summary of Direction

The summary of all the directions passed in this determination by the Authority are reproduced hereunder. The Authority has directed the Petitioner;

- 1- The Authority directs the Petitioner to expedite the implementation process and complete the mobile meter reading by 30th June, 2016. The Authority has noted several complaints to the effect that snap shots appearing on the bills are not clear and readable. In view thereof, the Petitioner needs to ensure the visibility of the snap shot on the bills and also to maintain its record in soft form for at least a period of twelve (12) months.
- 2- The Authority has observed with great concern that the Petitioner has not taken the directions of the Authority seriously. The Authority is cognizant of the fact the fact that the Petitioner has a large number of non-metered connections. In view thereof , the Authority directs the Petitioner to stagger its investment plan in stages. The same plan would also be in line with its plan of installing meters on non-metered connections. Thus, the Petitioner to submit its investment needs in this regard along with the installation of meters, not later than 30th June, 2016.
- 3- The Authority considering the aforementioned response of the Petitioner, feels that the Petitioner needs to put in serious efforts to complete the installation of AMRs/ AMIs System within the given time lines.
- 4- Thus, the Authority again directs the Petitioner to provide project wise detail of actual investments made in FY 2013-14 and FY 2014-15 along-with the cost benefit analysis and also explain the reasons for variation in the reported numbers as discussed above. The Authority has also taken a serious notice of non-compliance of its direction in true letter & spirit by the Petitioner, which is serious violation of licensing terms that may lead to initiation of proceedings against the licensee under the relevant rules.
- 5- In view thereof and considering the increase in trade debts by around 25%, the Authority feels that the Petitioner needs to adopt some extraordinary measures to improve its recovery and accordingly directs it to submit a comprehensive recovery plan clearly highlighting the problem areas, targets for their improvements along with intended strategies/tools to achieve the same latest by June 30, 2016.
- 6- In view of aforementioned discussion, the Authority again directs the Petitioner to put in serious efforts in this regard and ensure installation of ToU Meters to all consumer categories, including Agriculture consumers having load requirement of 5 kW and above by June 30, 2016.



- 7- In view thereof, the Petitioner is again directed to recover the outstanding amount of subsidy from GoP and GoB by making extraordinary efforts and the Authority be apprised of the status on quarterly basis.
- 8- In view thereof, the Authority directs the Petitioner to complete the pending work not later than 30th June , 2016 and on the parallel basis start installing meters on the all the GoB connections . The Petitioner is further directed to submit the compliance report not later than 30th June, 2016.
- 9- In view thereof, the Authority directs the Petitioner to complete the pending work not later than 30th June , 2016 and on the parallel basis start installing meters on the all the GoB connections . The Petitioner is further directed to submit the compliance report not later than 30th June, 2016.
- 10- Further the Petitioner is also directed to provide project wise detail of cost incurred and the prospective benefits achieved for the investment carried out in FY 2014-15 and also for the investment to be carried out in FY 2015-16 along-with its next year tariff petition.
- 11- The Authority again directs the Petitioner to create the separate post-retirement benefits Fund before 30th June 2016.
- 12- The Authority therefore directs the Petitioner to maintain a proper record of its assets by way of tagging each asset for its proper tracking. In addition , the Petitioner is, therefore, directed to provide an explanation on the concerns raised by the Authority in terms of its R&M cost not later than 30th June, 2016.
- 13- The Petitioner is also being directed to restrain from unlawful utilization of receipts against deposit works and security deposits, failing which, the proceedings under the relevant law shall be initiated against the Petitioner. The Petitioner is also directed to give clear disclosures in its Financial Statements with respect to the consumer financed spares and stores, work in progress and cash & bank balance.
- 14- To share the details of late payment charges recovered from consumers and any invoice raised by CPPA under the head of mark up on delayed payments for the FY 2014-15 and FY 2015-16. The information must be submitted before the next tariff petition is filed.
- 15- The Authority again directs the Petitioner to create the separate post-retirement benefits Fund before 30<sup>th</sup> June 2016.
- 16- The Authority further directs the Petitioner to complete the study of its system's T&D losses on 132 KV, 11KV and below by June 30, 2016.
- 17- To spend at least 20% of the village electrification funds for improvement / up-gradation of the grid. The Petitioner is further directed to not to undertake any

village electrification which would result in overloading of its system. The village electrification would only be undertaken, without augmentation of the grid, if it already has spare MVAs.

## Order

- I. Based on the above assessment, the Authority hereby determines the following adjustments on account of PPP (*including impact of T&D losses on FCA*) and Prior Year Adjustments for the FY 2016-17;

Description		QESCO
		Mln.Rs.
A: Power Purchase Price (PPP) Adjustment (June 2016 & FY 2016-17)		
	PPP cost billed by CPPA-G	56,960
Less;	PPP cost disallowed by the Authority	(1,189)
	Net PPP cost to be charged to consumers	55,771
Less;	PPP Recovered through notified Tariff	51,102
	Under recovered PPP Cost, to be recovered from to the consumers	4,668
B: Prior Year Adjustment (PYA)		
	PYA to be recovered/(passed on) as per Biannual Adjustment decision July 04, 2017	1,215
Less;	PYA recovered / (Passed on) during June 2016 and FY 2016-17	4,475
	Over Recovered PYA, to be returned to the consumers	(3,260)
C: Impact of Negative Monthly FCA's		
	Negative FCA Retained ( <i>Life Line, Agri and Domestic Consumers upto 300 units</i> )	(11,533)
Less;	Net Subsidy, if any	12,830
	FCA amount to be passed on to the consumers	(38)
	<b>Total Adjustment = A+B+C</b>	<b>1,371</b>

- II. The impact of PYA amount of Rs.1,215 million already built in the QESCO's biannual adjustment decision dated July 04, 2017, shall be replaced with the aforementioned amount of Rs.1,371 million, thus resulting in an overall adjustment of Rs.156 million in the consumer-end tariff of QESCO.
- III. After incorporating the above amount in the Authority's biannual adjustment decision regarding PPP and annual adjustment on account of PYA dated July 04, 2016, in the matter of QESCO, the Estimated Sales Revenue and Schedule of Tariff (SoT) have been revised and are attached as Annex-II and Annex-III respectively to this decision, which will supersede the earlier estimated sales revenue and SoT attached with the Authority's biannual adjustment decision dated July 04, 2016, in the matter of QESCO. Remaining annexures would remain the same.

- IV. Tariff under Colum A and F of Annex-III shall remain applicable for one year from the date of notification. Colum C, D, E and F of Annex-III shall cease to exist after one year and only Colum A and B of Annex-III would remain applicable, till the same is superseded by next notification.
- V. The Authority in its redetermination dated September 18, 2017, in the matter of the GoP's reconsideration request regarding XWDISCOs, except TESCO & QESCO, prescribed a mechanism for calculation of the quarterly/ biannual adjustments which shall also be applicable to QESCO. The same is attached as Annex-IA with the instant decision of QESCO.

**FUEL PRICE ADJUSTMENT MECHANISM**

Actual variation in fuel cost component against the reference fuel cost component for the corresponding months will be determined according to the following formula

$$\text{Fuel Price variation} = \text{Actual Fuel Cost Component} - \text{Reference Fuel Cost Component}$$

Where:

Fuel Price variation is the difference between actual and reference fuel cost component

Actual fuel cost component is the fuel cost component in the pool price on which the DISCOs will be charged by CPPA in a particular month; and

Reference fuel cost component is the fuel cost component for the corresponding month projected for the purpose of tariff determination as per Annex-IV of the determination;

The fuel price adjustment determined by the Authority shall be shown separately in the bill of the consumer and the billing impact shall be worked out on the basis of consumption by the consumer in the respective month.

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### QUARTERLY/BIANNUAL ADJUSTMENT MECHANISM

Quarterly/ Biannual adjustment shall be the Actual variation in Power Purchase Price (PPP), excluding Fuel Cost Component, against the reference Power Purchase Price component and the impact of T&D losses on FCA, for the corresponding months and shall be determined according to the following formula;

$$\text{Quarterly/Biannual PPP}_{(Adj)} = \frac{\text{PPP}_{(Act)} (\text{excluding FCC}) - \text{PPP}_{(Ref)} (\text{excluding FCC})}{(1 - \text{T\&D Loss \%}) - (\text{Life line Consumption \%})}$$

Where;

PPP<sub>(Act)</sub> is the actual cost in Rs./kWh, excluding FCC, invoiced by CPPA-G to XWDISCOs, adjusted for any cost disallowed by the Authority.

PPP<sub>(Ref)</sub> is the reference cost in Rs./kWh as per the Annex-IV of the XWDISCOs determination that remained notified during the period.

T&D Loss % is percentage of T&D losses that remained notified during the period.

Quarterly/Biannual impact of T&D losses on FCA<sub>(Adj)</sub>

$$= \left[ \frac{\text{FCA}_{(Allowed)}}{(1 - \text{T\&D Loss \%}) - (\text{Life line Consumption \%})} \right] - \text{FCA}_{(Allowed)}$$

Where;

FCA<sub>(allowed)</sub> is the FCA allowed by the Authority for the respective months of the concerned period.

T&D Loss % is percentage of T&D losses that remained notified during the period.

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**Quetta Electric Supply Company Limited (QESCO)**  
**Estimated Sales Revenue on the Basis of New Tariff**

Description	Sales		Revenue			Base Tariff		PYA 2016		Write off		PYA 2017		Total Tariff	
	GWh	% Mix	Fixed Charge	Variable Charge	Total	Fixed Charge	Variable Charge	Amount	Variable Charge	Amount	Variable Charge	Amount	Variable Charge	Fixed Charge	Var Ch
			Min. Rs.			Rs./kW/M	Rs./kWh	Min. Rs.	Rs./kWh	Min. Rs.	Rs./kWh	Min. Rs.	Rs./kWh	Rs./kW/M	Rs./
<b>Residential</b>															
Up to 50 Units	21	0.48%	-	83	83	-	4.00	-	-	-	-	-	-	-	-
For peak load requirement less than 5 kW															
01-100 Units	200	4.58%	-	1,878	1,878	-	9.41	58	0.29	-	-	2	0.01	-	-
101-200 Units	46	1.06%	-	547	547	-	11.81	13	0.29	-	-	1	0.02	-	-
201-300 Units	63	1.44%	-	743	743	-	11.86	18	0.29	-	-	1	0.02	-	-
301-700 Units	66	1.52%	-	917	917	-	13.81	19	0.29	-	-	1	0.02	-	-
Above 700 Units	64	1.47%	-	1,018	1,018	-	15.81	19	0.29	-	-	1	0.02	-	-
For peak load requirement exceeding 5 kW															
Time of Use (TOU) - Peak	6	0.13%	-	87	87	-	15.81	2	0.29	-	-	0	0.02	-	-
Time of Use (TOU) - Off-Peak	30	0.68%	-	278	278	-	9.41	9	0.29	-	-	1	0.02	-	-
Temporary Supply	0	0.00%	-	-	-	-	15.81	-	0.29	-	-	-	0.02	-	-
<b>Total Residential</b>	<b>495</b>	<b>11.35%</b>	<b>-</b>	<b>5,550</b>	<b>5,550</b>	<b>-</b>	<b>-</b>	<b>138</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Commercial - A2</b>															
For peak load requirement less than 5 kW	57	1.30%	-	900	900	-	15.81	17	0.29	-	-	1	0.02	-	-
For peak load requirement exceeding 5 kW															
Regular	0	0.01%	1	4	4	400	11.81	0	0.29	-	-	0	0.02	400	-
Time of Use (TOU) - Peak	13	0.31%	-	211	211	-	15.81	4	0.29	-	-	0	0.02	-	-
Time of Use (TOU) - Off-Peak	48	1.11%	111	456	566	400	9.42	14	0.28	-	-	1	0.02	400	-
Temporary Supply	0	0.00%	-	-	-	-	15.82	-	0.28	-	-	-	0.02	-	-
<b>Total Commercial</b>	<b>119</b>	<b>2.73%</b>	<b>111</b>	<b>1,570</b>	<b>1,682</b>	<b>-</b>	<b>-</b>	<b>34</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>General Services-A3</b>															
	131	3.00%	-	1,671	1,671	-	12.77	37	0.28	-	-	3	0.02	-	-
<b>Industrial</b>															
B1	1	0.02%	-	9	9	-	11.32	0	0.28	-	-	0	0.02	-	-
B1 Peak	3	0.08%	-	43	43	-	15.81	1	0.29	-	-	0	0.02	-	-
B1 Off Peak	14	0.32%	-	131	131	-	9.41	4	0.29	-	-	0	0.02	-	-
B2	1	0.02%	0	8	8	400	10.81	0	0.29	-	-	0	0.02	400	-
B2 - TCU (Peak)	15	0.35%	-	242	242	-	15.81	4	0.29	-	-	0	0.02	-	-
B2 - TCU (Off-peak)	60	1.37%	197	549	746	400	9.21	17	0.29	-	-	1	0.02	400	-
B3 - TCU (Peak)	3	0.06%	-	44	44	-	15.81	1	0.29	-	-	0	0.02	-	-
B3 - TCU (Off-peak)	57	1.31%	77	519	596	380	9.11	17	0.29	-	-	1	0.02	380	-
B4 - TCU (Peak)	0	0.00%	-	-	-	-	15.82	-	0.28	-	-	-	0.02	-	-
B4 - TCU (Off-peak)	0	0.00%	-	-	-	360	9.02	-	0.28	-	-	-	0.02	360	-
Temporary Supply	0	0.00%	-	-	-	-	11.32	-	0.28	-	-	-	0.02	-	-
<b>Total Industrial</b>	<b>153</b>	<b>3.51%</b>	<b>274</b>	<b>1,546</b>	<b>1,819</b>	<b>-</b>	<b>-</b>	<b>44</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Single Point Supply for further distribution</b>															
C1(a) Supply at 400 Volts-less than 5 kW	0	0.01%	-	4	4	-	11.82	0	0.28	-	-	0	0.02	-	-
C1(b) Supply at 400 Volts-exceeding 5 kW	1	0.03%	0	15	15	400	11.32	0	0.28	-	-	0	0.02	400	-
Time of Use (TOU) - Peak	3	0.08%	-	52	52	-	15.82	1	0.28	-	-	0	0.02	-	-
Time of Use (TOU) - Off-Peak	15	0.34%	28	139	168	400	9.42	4	0.28	-	-	0	0.02	400	-
C2 Supply at 11 kV	8	0.19%	10	92	102	380	11.12	2	0.28	-	-	0	0.02	380	-
Time of Use (TOU) - Peak	16	0.37%	-	254	254	-	15.82	5	0.28	-	-	0	0.02	-	-
Time of Use (TOU) - Off-Peak	68	1.52%	78	610	689	380	9.22	19	0.28	-	-	1	0.02	380	-
C3 Supply above 11 kV	0	0.00%	-	-	-	360	11.02	-	0.28	-	-	-	0.02	360	-
Time of Use (TOU) - Peak	0	0.00%	-	-	-	-	15.82	-	0.28	-	-	-	0.02	-	-
Time of Use (TOU) - Off-Peak	0	0.00%	-	-	-	360	9.12	-	0.28	-	-	-	0.02	360	-
<b>Total Single Point Supply</b>	<b>110</b>	<b>2.53%</b>	<b>117</b>	<b>1,187</b>	<b>1,284</b>	<b>-</b>	<b>-</b>	<b>31</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Agricultural Tube-wells - Tariff D</b>															
Scarp	11	0.26%	-	135	135	-	12.02	3	0.28	-	-	0	0.02	-	-
Time of Use (TOU) - Peak	10	0.23%	-	158	158	-	15.82	3	0.28	-	-	0	0.02	-	-
Time of Use (TOU) - Off-Peak	59	1.38%	52	539	591	200	9.12	17	0.28	-	-	1	0.02	200	-
Agricultural Tube-wells	3228	74.01%	1,963	37,189	39,152	200	11.52	904	0.28	-	-	129	0.04	200	-
Time of Use (TOU) - Peak	5	0.12%	-	83	83	-	15.82	1	0.28	-	-	0	0.02	-	-
Time of Use (TOU) - Off-Peak	38	0.83%	16	332	348	200	9.12	10	0.28	-	-	1	0.02	200	-
<b>Total Agricultural</b>	<b>3,350</b>	<b>76.81%</b>	<b>2,031</b>	<b>38,437</b>	<b>40,468</b>	<b>-</b>	<b>-</b>	<b>938</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>132</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Public Lighting - Tariff G</b>															
Residential Colonies	3	0.07%	-	34	34	-	10.82	1	0.28	-	-	0	0.02	-	-
	0	0.00%	-	1	1	-	10.82	0	0.28	-	-	0	0.02	-	-
<b>Sub-Total</b>	<b>3</b>	<b>0.07%</b>	<b>-</b>	<b>35</b>	<b>35</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Special Contract - Tariff J</b>															
J-1 For Supply at 66 kV & above	-	0.00%	-	-	-	360	11.02	-	0.28	-	-	-	0.02	360	-
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	15.82	-	0.28	-	-	-	0.02	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	360	9.12	-	0.28	-	-	-	0.02	360	-
J-2 (a) For Supply at 11, 33 kV	-	0.00%	-	-	-	360	11.12	-	0.28	-	-	-	0.02	360	-
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	15.82	-	0.28	-	-	-	0.02	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	380	9.22	-	0.28	-	-	-	0.02	380	-
J-2 (b) For Supply at 66 kV & above	-	0.00%	-	-	-	380	11.02	-	0.28	-	-	-	0.02	380	-
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	15.82	-	0.28	-	-	-	0.02	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	380	9.12	-	0.28	-	-	-	0.02	380	-
J-3 (a) For Supply at 11, 33 kV	-	0.00%	-	-	-	380	11.12	-	0.28	-	-	-	0.02	380	-
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	15.82	-	0.28	-	-	-	0.02	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	380	9.22	-	0.28	-	-	-	0.02	380	-
J-3 (b) For Supply at 66 kV & above	-	0.00%	-	-	-	360	11.02	-	0.28	-	-	-	0.02	360	-
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	15.82	-	0.28	-	-	-	0.02	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	360	9.12	-	0.28	-	-	-	0.02	360	-
<b>Total Revenue</b>	<b>4,362</b>	<b>100.00%</b>	<b>2,533</b>	<b>49,976</b>	<b>52,509</b>	<b>-</b>	<b>-</b>	<b>1,215</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>156</b>	<b>-</b>	<b>-</b>	<b>-</b>

Tariff mentioned under Column "Total Tariff" shall remain applicable for a period of one year from the date of notification. After one year PYA 2016, Write-off and PYA 2017 shall cease to exist and only tariff mentioned under Column "Base Tariff" shall remain applicable till the same is superseded by next notification.

## QESCO Power Purchase Price

Name	July	August	September	October	November	December	January	February	March	April	May	June	Total
Units Purchased by DISCOs (GWh)	430	479	450	481	528	482	363	351	421	398	457	447	5,287
	kWh												
Fuel Cost Component	4.9811	4.7552	5.1217	5.2366	5.0497	5.8619	7.1241	5.7493	6.6429	6.7227	5.2908	4.9927	5.572
Variable O & M	0.2727	0.2678	0.2825	0.2891	0.2916	0.3337	0.3711	0.3234	0.3467	0.3577	0.3050	0.2891	0.309
CpGenCap	1.9929	2.1819	2.0949	2.3469	2.4399	2.8056	3.8102	3.6714	3.2766	3.1171	3.0137	2.4394	2.7188
USCF	0.2517	0.2948	0.2875	0.3129	0.3397	0.3473	0.4374	0.4748	0.3748	0.4024	0.3442	0.3271	0.3448
Total PPP in Rs. /kWh	7.4985	7.4996	7.7866	8.1855	8.1210	9.3485	11.7427	10.2190	10.6409	10.5999	8.9537	8.0482	8.9446

Rs in Million

Fuel Cost Component	2,142	2,278	2,303	2,516	2,665	2,827	2,586	2,020	2,795	2,677	2,420	2,231	29,460
Variable O & M	117	128	127	139	154	161	135	114	146	142	139	129	1,632
CpGenCap	857	1,045	942	1,128	1,288	1,353	1,383	1,290	1,378	1,241	1,378	1,090	14,374
USCF	108	141	129	150	179	167	159	167	158	160	157	146	1,823
PPP	3,225	3,593	3,501	3,933	4,286	4,508	4,262	3,590	4,477	4,221	4,095	3,597	47,289

It is clarified that PPP is pass through for all the DISCOs and its monthly references would continue to exist irrespective of the financial year, unless the new SOT is revised and notified by the GOP



**TERMS AND CONDITIONS OF TARIFF  
(FOR SUPPLY OF ELECTRIC POWER TO CONSUMERS BY DISTRIBUTION  
LICENSEES)**

**PART-I**

**GENERAL DEFINITIONS**

The Company, for the purposes of these terms and conditions means Quetta Electric Supply Company Limited (QESCO) engaged in the business of distribution of electricity within the territory mentioned in the licence granted to it for this purpose.

1. "Month or Billing Period", unless otherwise defined for any particular tariff category, means a billing month of 30 days or less reckoned from the date of last meter reading.
2. "Minimum Charge", means a charge to recover the costs for providing customer service to consumers even if no energy is consumed during the month.
3. "Fixed Charge" means the part of sale rate in a two-part tariff to be recovered on the basis of "Billing Demand" in kilowatt on monthly basis.
4. "Billing Demand" means the highest of maximum demand recorded in a month except in the case of agriculture tariff D2 where "Billing Demand" shall mean the sanctioned load.
5. "Variable Charge" means the sale rate per kilowatt-hour (kWh) as a single rate or part of a two-part tariff applicable to the actual kWh consumed by the consumer during a billing period.
6. "Maximum Demand" where applicable, means the maximum of the demand obtained in any month measured over successive periods each of 30 minutes' duration except in the case of consumption related to Arc Furnaces, where "Maximum Demand" shall mean the maximum of the demand obtained in any month measured over successive periods each of 15 minutes' duration.
7. "Sanctioned Load" where applicable means the load in kilowatt as applied for by the consumer and allowed/authorized by the Company for usage by the consumer.
8. "Power Factor" means the ratio of kWh to KVAh recorded during the month or the ratio of kWh to the square root of sum of square of kWh and kVARh.
9. Point of supply means metering point where electricity is delivered to the consumer.
10. Peak and Off Peak hours for the application of Time Of Use (TOU) Tariff shall be the following time periods in a day:

	<u>* PEAK TIMING</u>	<u>OFF-PEAK TIMING</u>
Dec to Feb (inclusive) day	5 PM to 9 PM	Remaining 20 hours of the
Mar to May (inclusive)	6 PM to 10 PM	-do-
June to Aug (inclusive)	7 PM to 11 PM	-do-
Sept to Nov (inclusive)	6 PM to 10 PM	-do-

\* To be duly adjusted in case of day light time saving

11. "Supply", means the supply for single-phase/three-phase appliances inclusive of both general and motive loads subject to the conditions that in case of connected or sanctioned load exceeding 4 kW supply shall be given at three-phase.

12. "Consumer" means a person of his successor-in-interest as defined under Section 2(iv) of the Regulation of Generation, Transmission and Distribution of Electric Power Act (XL of 1997).
13. "Charitable Institution" means an institution, which works for the general welfare of the public on no profit basis and is registered with the Federal or Provincial Government as such and has been issued tax exemption certificate by Federal Board of Revenue (FBR).
14. NTDC means the National Transmission and Dispatch Company.
15. CPPA(G) means Central Power Purchasing Agency Guarantee Limited (CPPA)(G).
16. The "Authority" means "The National Electric Power Regulatory Authority (NEPRA)" constituted under the Regulation of Generation, Transmission and Distribution of Electric Power Act (XL of 1997).

#### **GENERAL CONDITIONS**

1. "The Company shall render bills to the consumers on a monthly basis or less on the specific request of a consumer for payment by the due date.
2. The Company shall ensure that bills are delivered to consumers at least seven days before the due date. If any bill is not paid by the consumer in full within the due date, a Late Payment Charge of 10% (ten percent) shall be levied on the amount billed excluding Govt. tax and duties etc. In case bill is not served at least seven days before the due date then late payment surcharge will be levied after 7<sup>th</sup> day from the date of delivery of bill.
3. The supply provided to the consumers shall not be available for resale.
4. In the case of two-part tariff average Power Factor of a consumer at the point of supply shall not be less than 90%. In the event of the said Power factor falling below 90%, the consumer shall pay a penalty of two percent increase in the fixed charges determined with reference to maximum demand during the month corresponding to one percent decrease in the power factor below 90%.

## PART-II

(Definitions and Conditions for supply of power specific to each consumer category)

### A-1 RESIDENTIAL

#### Definition

“Life Line Consumer” means those residential consumers having single phase electric connection with a sanctioned load up to 1 kW.

At any point of time, if the floating average of last six months' consumption exceed 50 units, then the said consumer would not be classified as life line for the billing month even if its consumption is less than 50 units. For the purpose of calculating floating average, the consumption charged as detection billing would also be included.

1. This Tariff is applicable for supply to;
  - i) Residences,
  - ii) Places of worship,
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. A-1(a) tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and shall be billed on the basis of tariff A-1(b) as set out in the Schedule of Tariff.
4. All existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and converted to A-1(b) Tariff by the Company.

### A-2 COMMERCIAL

1. This tariff is applicable for supply to commercial offices and commercial establishments such as:
  - i) Shops,
  - ii) Hotels and Restaurants,
  - iii) Petrol Pumps and Service Stations,
  - iv) Compressed Natural Gas filling stations,
  - v) Private Hospitals/Clinics/Dispensaries,
  - vi) Places of Entertainment, Cinemas, Theaters, Clubs;
  - vii) Guest Houses/Rest Houses,
  - viii) Office of Lawyers, Solicitors, Law Associates and Consultants etc.
2. Consumers under tariff A-2 having sanctioned load of less than 5 kW shall be billed under a Single-Part kWh rate A-2(a)
3. All existing consumers under tariff A-2 having sanctioned load 5 kW and above shall be billed on A-2(b) tariff till such time that they are provided T.O.U metering arrangement; thereafter such consumers shall be billed on T.O.U tariff A-2(c).
4. The existing and prospective consumers having load of 5 kW and above can opt for T.O.U metering arrangement and A-2(c) tariff.
5. All existing consumers under tariff A-2 shall be provided T.O.U metering arrangement by the Company and convert it to A-2 (c) Tariff.
6. All new connections having load requirement 5 kW and above shall be provided T.O.U meters and shall be billed under tariff A-2(c).

## **A-3 GENERAL SERVICES**

1. This tariff is applicable to;
  - i. Approved religious and charitable institutions
  - ii. Government and Semi-Government offices and Institutions
  - iii. Government Hospitals and dispensaries
  - iv. Educational institutions
  - v. Water Supply schemes including water pumps and tube wells operating on three phase 400 volts other than those meant for the irrigation or reclamation of Agriculture land.
1. Consumers under General Services (A-3) shall be billed on single-part kWh rate i.e. A-3(a) tariff.

## **B INDUSTRIAL SUPPLY**

### **Definitions**

1. "Industrial Supply" means the supply for bona fide industrial purposes in factories including the supply required for the offices and for normal working of the industry.
2. For the purposes of application of this tariff an "Industry" means a bona fide undertaking or establishment engaged in manufacturing, value addition and/or processing of goods.
3. This Tariff shall also be available for consumers having single-metering arrangement such as;
  - i) Poultry Farms
  - ii) Fish Hatcheries and Breeding Farms and
  - iii) Software houses

### **Conditions**

An industrial consumer shall have the option, to switch over to seasonal Tariff-F, provided his connection is seasonal in nature as defined under Tariff-F, and he undertakes to abide by the terms and conditions of Tariff-F and pays the difference of security deposit rates previously deposited and those applicable to tariff-F at the time of acceptance of option for seasonal tariff. Seasonal tariff will be applicable from the date of commencement of the season, as specified by the customers at the time of submitting the option for Tariff-F. Tariff-F consumers will have the option to convert to corresponding Regular Industrial Tariff category and vice versa. This option can be exercised at the time of obtaining a new connection or at the beginning of the season. Once exercised, the option will remain in force for at least one year.

### **B-1 SUPPLY AT 400 VOLTS THREEPHASE AND/OR 230 VOLTS SINGLE PHASE**

1. This tariff is applicable for supply to Industries having sanctioned load upto a 25 kW.
2. Consumers having sanctioned load less than 25 kW shall be billed on single-part kWh rate.
3. All existing consumers under tariff B-1 shall be provided T.O.U metering arrangement by the Company and convert it to-B1 (b) Tariff.

### **B-2 SUPPLY AT 400 VOLTS**

1. This tariff is applicable for supply to Industries having sanctioned load of more than 25 kW up to and including 500 kW.

2. All existing consumers under tariff B-2 shall be provided T.O.U metering arrangement by the Company and converted to B-2(b) Tariff.
3. All new applicants i.e. prospective consumers applying for service to the Company shall be provided T.O.U metering arrangement and charged according to the applicable T.O.U tariff.

#### **B-3 SUPPLY AT 11 kV AND 33 kV**

1. This tariff is applicable for supply to Industries having sanctioned load of more than 500 kW up to and including 5000 kW and also for Industries having sanctioned load of 500 kW or below who opt for receiving supply at 11 kV or 33 kV.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. The supply under this Tariff shall not be available to a prospective consumer unless he provides, to the satisfaction and approval of the Company, his own Transformer, Circuit Breakers and other necessary equipment as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively pays to the Company for all apparatus and equipment if so provided and installed by the Company. The recovery of the cost of service connection shall be regulated by the NEPRA eligibility criteria.
4. All B-3 Industrial Consumers shall be billed on the basis of T.O.U tariff given in the Schedule of Tariff.

#### **B-4 SUPPLY AT 66 kV, 132 kV AND ABOVE**

1. This tariff is applicable for supply to Industries for all loads of more than 5000 kW receiving supply at 66 kV, 132 kV and above and also for Industries having load of 5000 kW or below who opt to receive supply at 66 kV or 132 kV and above.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. If the Grid Station required for provision of supply falls within the purview of the dedicated system under the NEPRA Eligibility Criteria, the supply under this Tariff shall not be available to such a prospective consumer unless he provides, to the satisfaction and approval of the Company, an independent grid station of his own including Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively, pays to the Company for all such Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus if so provided and installed by the Company. The recovery of cost of service connection shall be regulated by NEPRA Eligibility Criteria.
4. All B-4 Industrial Consumers shall be billed on the basis of two-part T.O.U tariff.

## **C BULK SUPPLY**

"Bulk Supply" for the purpose of this Tariff, means the supply given at one point for self-consumption not selling to any other consumer such as residential, commercial, tube-well and others.

### **General Conditions**

If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days no notice will be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days the fixed charges shall be assessed on proportionate basis for actual number of days between the date of old reading and the new reading.

### **C-1 SUPPLY AT 400/230 VOLTS**

1. This Tariff is applicable to a consumer having a metering arrangement at 400 volts, having sanctioned load of up to and including 500 kW.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. C-1(a) tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and shall be billed on the basis of Time-of-Use (T.O.U) tariff C-1(c) given in the Schedule of Tariff.
4. All the existing consumers governed by this tariff having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements.

### **C-2 SUPPLY AT 11 kV AND 33 kV**

1. This tariff is applicable to consumers receiving supply at 11 kV or 33 kV at one-point metering arrangement and having sanctioned load of up to and including 5000 kW.
2. The supply under this Tariff shall not be available to a prospective consumer unless he provides, to the satisfaction and approval of the Company, his own Transformer, Circuit Breakers and other necessary equipment as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively pays to the Company, for all apparatus and equipment if so provided and installed by the Company. The recovery of the cost of service connection shall be regulated by the NEPRA eligibility criteria.
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff C-2(b) as set out in the Schedule of Tariff.
4. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to C-2(b).

### **C-3 SUPPLY AT 66 kV AND ABOVE**

1. This tariff is applicable to consumers having sanctioned load of more than 5000 kW receiving supply at 66 kV and above.
2. If the Grid Station required for provision of supply falls within the purview of the dedicated system under the NEPRA Eligibility Criteria, the supply under this Tariff shall not be available to such a prospective consumer unless he provides, to the satisfaction and approval of the Company, an independent grid station of his own including Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively, pays to the Company for all such Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus if so provided and installed by the Company. The recovery of cost of service connection shall be regulated by NEPRA Eligibility Criteria.
3. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to C-3(b).
4. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff C-3(b) as set out in the Schedule of Tariff.

## **D AGRICULTURAL SUPPLY**

"Agricultural Supply" means the supply for Lift Irrigation Pumps and/or pumps installed on Tube-wells intended solely for irrigation or reclamation of agricultural land or forests, and include supply for lighting of the tube-well chamber.

### **Special Conditions of Supply**

1. This tariff shall apply to:
  - i) Reclamation and Drainage Operation under Salinity Control and Reclamation Projects (SCARP):
  - ii) Bona fide forests, agricultural tube-wells and lift irrigation pumps for the irrigation of agricultural land.
  - iii) Tube-wells meant for aqua-culture, viz. fish farms, fish hatcheries and fish nurseries.
  - iv) Tube-wells installed in a dairy farm meant for cultivating crops as fodder and for upkeep of cattle.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. The lamps and fans consumption in the residential quarters, if any, attached to the tube-wells shall be charged entirely under Tariff A-1 for which separate metering arrangements should be installed.
4. The supply under this Tariff shall not be available to consumer using pumps for the irrigation of parks, meadows, gardens, orchards, attached to and forming part of the residential, commercial or industrial premises in which case the corresponding Tariff A-1, A-2 or Industrial Tariff B-1, B-2 shall be respectively applicable.

### **D-1**

1. This tariff is applicable to all Reclamation and Drainage Operation pumping under SCARP related installation having sanctioned load of less than 5 kW.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. D-1(a) tariff given in the Schedule of Tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided TOU metering arrangement and shall be charged on the basis of Time-of- Use (T.O.U)-tariff D-1(b) given in the Schedule of Tariff.
4. All the existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements and shall be governed by D-1(a) till that time.

### **D-2**

1. This tariff is applicable to consumers falling under Agriculture Supply having sanctioned load less than 5 kW excluding SCARP related installations.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. D-2(a) tariff given in the Schedule of Tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided TOU metering arrangement and shall be charged on the basis of Time-of- Use (T.O.U) tariff D- 2(b) given in the Schedule of Tariff.
4. All the existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements and shall be governed by D-2(a) till that time.

## **E -1 TEMPORARY RESIDENTIAL/COMMERCIAL SUPPLY**

Temporary Residential/Commercial Supply means a supply given to persons temporarily on special occasions such as ceremonial, religious gatherings, festivals, fairs, marriages and other civil or military functions. This also includes supply to touring cinemas and persons engaged in construction works for all kinds of single phase loads. For connected load exceeding 4 kW, supply may be given at 400 volts (3 phase) to allow a balanced distribution of load on the 3 phases. Normally, temporary connections shall be allowed for a period of 3 months which can be extended on three months basis subject to clearance of outstanding dues.

### **Special Conditions of Supply**

1. This tariff shall apply to Residential and Commercial consumers for temporary supply.
2. Ordinarily the supply under this Tariff shall not be given by the Company without first obtaining security equal to the anticipated supply charges and other miscellaneous charges for the period of temporary supply.

## **E -2 TEMPORARY INDUSTRIAL SUPPLY**

"Temporary Industrial Supply" means the supply given to an Industry for the bonafide purposes mentioned under the respective definitions of "Industrial Supply", during the construction phase prior to the commercial operation of the Industrial concern.

### **SPECIAL CONDITIONS OF SUPPLY**

1. Ordinarily the supply under this Tariff shall not be given by the Company without first obtaining security equal to the anticipated supply charges and other miscellaneous charges for the period of temporary supply.
2. Normally, temporary connections shall be allowed for a period of 3 months, which may be extended on three months basis subject to clearance of outstanding dues.

## **F SEASONAL INDUSTRIAL SUPPLY**

"Seasonal Industry" for the purpose of application of this Tariff, means an industry which works only for part of the year to meet demand for goods or services arising during a particular season of the year. However, any seasonal industry running in combination with one or more seasonal industries, against one connection, in a manner that the former works in one season while the latter works in the other season (thus running throughout the year) will not be classified as a seasonal industry for the purpose of the application of this Tariff.

### **Definitions**

1. "Year" means any period comprising twelve consecutive months.
2. All "Definitions" and "Special Conditions of Supply" as laid down under the corresponding Industrial Tariffs shall also form part of this Tariff so far as they may be relevant.

### **Special Conditions of Supply**

1. This tariff is applicable to seasonal industry.
2. Fixed Charges per kilowatt per month under this tariff shall be levied at the rate of 125% of the corresponding regular Industrial Supply Tariff Rates and shall be recovered only for the period that the seasonal industry actually runs subject to minimum period of six consecutive months during any twelve consecutive months. The condition for recovery of Fixed Charges for a minimum period of six months shall not, however, apply to the



seasonal industries, which are connected to the Company's Supply System for the first time during the course of a season.

3. The consumers falling within the purview of this Tariff shall have the option to change over to the corresponding industrial Supply Tariff, provided they undertake to abide by all the conditions and restrictions, which may, from time to time, be prescribed as an integral part of those Tariffs. The consumers under this Tariff will have the option to convert to Regular Tariff and vice versa. This option can be exercised at the time of obtaining a new connection or at the beginning of the season. Once exercised, the option will remain in force for at least one year.
4. All seasonal loads shall be disconnected from the Company's Supply System at the end of the season, specified by the consumer at the time of getting connection, for which the supply is given. In case, however, a consumer requires running the non-seasonal part of his load (e.g., lights, fans, tube-wells, etc.) throughout the year, he shall have to bring out separate circuits for such load so as to enable installation of separate meters for each type of load and charging the same at the relevant Tariff.
5. Where a "Seasonal Supply" consumer does not come forward to have his seasonal industry re-connected with the Company's Supply System in any ensuing season, the service line and equipment belonging to the Company and installed at his premises shall be removed after expiry of 60 days of the date of commencement of season previously specified by the consumer at the time of his obtaining new connection/re-connection. However, at least ten clear days notice in writing under registered post shall be necessary to be given to the consumer before removal of service line and equipment from his premises as aforesaid, to enable him to decide about the retention of connection or otherwise. No Supply Charges shall be recovered from a disconnected seasonal consumer for any season during which he does not come forward to have his seasonal industry re-connected with the Company's Supply System.

#### **G PUBLIC LIGHTING SUPPLY**

"Public Lighting Supply" means the supply for the purpose of illuminating public lamps.

##### **Definitions**

"Month" means a calendar month or a part thereof in excess of 15 days.

##### **Special Conditions of Supply**

The supply under this Tariff shall be used exclusively for public lighting installed on roads or premises used by General Public.

#### **H RESIDENTIAL COLONIES ATTACHED TO INDUSTRIES**

This tariff is applicable for one-point supply to residential colonies attached to the industrial supply consumers having their own distribution facilities.

##### **Definitions**

"One Point Supply" for the purpose of this Tariff, means the supply given by one point to Industrial Supply Consumers for general and domestic consumption in the residential colonies attached to their factory premises for a load of 5 Kilowatts and above. The purpose is further distribution to various persons residing in the attached residential colonies and also for perimeter lighting in the attached residential colonies.

"General and Domestic Consumption", for the purpose of this Tariff, means consumption for lamps, fans, domestic applications, including heated, cookers, radiators, air-conditioners, refrigerators and domestic tube-wells.

“Residential Colony” attached to the Industrial Supply Consumer, means a group of houses annexed with the factory premises constructed solely for residential purpose of the bonafide employees of the factory, the establishment or the factory owners or partners, etc.

**Special Conditions of Supply**

The supply under this Tariff shall not be available to persons who meet a part of their requirements from a separate source of supply at their premises.

**I. TRACTION**

Supply under this tariff means supply of power in bulk to Railways for Railway traction only.

**J. SPECIAL CONTRACTS UNDER NEPRA (SUPPLY OF POWER) REGULATIONS 2015**

Supply for the purpose of this tariff means the supply given at one or more common delivery points;

- i. To a licensee procuring power from QESCO for the purpose of further supply within its respective service territory and jurisdiction.
- ii. To an O&M operator under the O&M Agreement within the meaning of NEPRA (Supply of Power) Regulations 2015 duly approved by the Authority for the purpose of further supply within the service territory and jurisdiction of the QESCO
- iii. To an Authorized agent within the meaning of NEPRA (Supply of Power) Regulations 2015, procuring power from the QESCO for further supply within the service territory and jurisdiction of the QESCO

**J-1 SUPPLY TO LICENSEE**

1. This tariff is applicable to a Licensee having sanctioned load of 20 MW and above receiving supply at 66 kV and above.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-1(b).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-1(b) as set out in the Schedule of Tariff.

## SUPPLY UNDER O&M AGREEMENT

### J-2 (a) SUPPLY AT 11 KV AND 33 KV

1. This tariff is applicable to an O&M operator receiving supply at 11 kV or 33 kV under the O&M Agreement duly approved by the Authority.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-2(c).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-2(c) as set out in the Schedule of Tariff.

### J-2 (b) SUPPLY AT 66 KV AND ABOVE

1. This tariff is applicable to an O&M operator receiving supply at 66 kV & above under the O&M Agreement duly approved by the Authority.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-2(d).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-2(d) as set out in the Schedule of Tariff.

## SUPPLY TO AUTHORIZED AGENT

### J-3 (a) SUPPLY AT 11 KV AND 33 KV

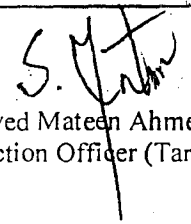
1. This tariff is applicable to an authorized agent receiving supply at 11 kV or 33 kV.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-3(c).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-3(c) as set out in the Schedule of Tariff.

### J-3 (b) SUPPLY AT 66 KV AND ABOVE

1. This tariff is applicable to an authorized agent receiving supply at 66 kV & above.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-3(d).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-3(d) as set out in the Schedule of Tariff.

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[Tariff-2015-16]

  
(Syed Mateen Ahmed)  
Section Officer (Tariff)

Government of Pakistan  
Ministry of Energy  
\*\*\*\*\*

Islamabad, the 22<sup>nd</sup> March, 2018.

**NOTIFICATION**

S.R.O. <sup>375</sup>(I)/2018. - In pursuance of sub-section (4) & (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), and in supersession of its notification No. S.R.O. 567(I)/2015, dated the June 10<sup>th</sup>, 2015, the Federal Government is pleased to notify the National Electric Power Regulatory Authority's in field determined Schedule Of Electricity Tariffs for the Hyderabad Electric Supply Company (HESCO), subject to and alongwith amount of subsidy and surcharges, with immediate effect, as attached herewith. The Order dated September 18, 2017 and October 23, 2017 of the Authority at Annex-I and IA, Fuel Price Adjustment Mechanism and Quarterly/Biannual Adjustment Mechanism at Annex-II and IIA, HESCO Estimated Sales Revenue in field at Annex-III, HESCO Power Purchase Price at Annex-IV, the Terms and Conditions of Tariff (For Supply Of Electric Power To Consumers By Distribution Licensee) at Annex-V to this notification is notified, in respect of HESCO.

2. Provided that in pursuance of sub-section (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), the Federal Government is pleased to notify that there shall be levied with immediate effect a surcharge namely, "Tariff Rationalization Surcharge" at the rate mentioned against categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by HESCO, during each of the billing month, for maintaining uniform rates of electricity across the country for each of the consumer category. HESCO shall deposited the amount of Tariff Rationalization Surcharge in a Fund called the "Tariff Rationalization Fund" to be kept in the Escrow Account maintained at Central Power Purchasing Agency (Guarantee) Limited and utilized exclusively for discharging of determined cost of power producers. The Tariff Rationalization Surcharge shall be considered as a cost incurred by HESCO and included in the tariff determined by NEPRA.

3. Provided further that in pursuance of sub-section (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997

(XL of 1997), the Federal Government is pleased to notify that there shall be levied with immediate effect a surcharge namely, "Financing Cost Surcharge" at the rate and categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by HESCO, during each of the billing month. HESCO shall deposited the amount of Financing Cost Surcharge in a Fund called the "Financing Cost Fund" to be kept in the Escrow Account maintained at Central Power Purchasing Agency (Guarantee) Limited for the exclusive use of discharging the financing cost of various loans obtained to discharge liabilities of power producers against the sovereign guarantees of the Government of Pakistan. The Financing Cost Surcharge shall be considered as a cost incurred by HESCO and included in the tariff determined by NEPRA.

4. Provided further that there shall be levied till the 30th June, 2018, Neelum-Jhelum Surcharge at the rate and categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by HESCO, during each of the billing month and such surcharge shall be deposited in a Fund called the "Neelum-Jhelum Hydro Power Development Fund" to be kept in the Escrow Account of the Neelum-Jhelum Company for exclusive use for the Neelum-Jhelum Hydro Power Project..

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	PTA 2016	Write-off Charges	PTA 2017	Total Variable Charges	G&P Tariff Rationalization			
								Subsidy		Burschment	
								FIXED CHARGES	VARIABLE CHARGES	FIXED CHARGES	VARIABLE CHARGES
		Rs/kWh/M	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kWh/M	Rs/kWh	Rs/kWh	Rs/kWh
ii)	For Sectioned load less than 3 kW	-	4.00	-	-	-	4.00	-	2.00	-	-
	Up to 30 Units	-	-	-	-	-	-	-	-	-	-
	For Consumption exceeding 30 Units	-	11.27	1.23	0.49	3.47	16.46	-	10.67	-	-
	001 - 100 Units	-	14.77	1.23	0.49	3.47	19.96	-	11.89	-	-
	101 - 200 Units	-	15.17	1.23	0.49	3.47	20.36	-	10.16	-	-
	201 - 300 Units	-	18.77	1.23	0.49	3.48	20.97	-	4.97	-	-
	351 - 700 Units	-	14.74	1.34	0.48	3.48	21.87	-	5.97	-	-
	Above 700 Units	-	-	-	-	-	-	-	-	-	-
	For Sectioned load 3 kW & above	-	-	-	-	-	-	-	-	-	-
	Time Of Use	-	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak
	-	16.78	11.26	1.24	0.49	3.47	21.96	16.46	3.96	3.96	

As per Authority's decision residential consumers will be given the benefits of only one previous slab.

Under tariff A-1, there shall be minimum monthly customer charge at the following rates even if no energy is consumed.

a) Single Phase Connections: Rs. 75/- per consumer per month  
b) Three Phase Connections: Rs. 150/- per consumer per month  
Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kWh/M	VARIABLE CHARGES Rs/kWh	PTA 2016 Rs/kWh	Write-off Charges Rs/kWh	PTA 2017 Rs/kWh	Total Variable Charges Rs/kWh	G&P Tariff Rationalization				
								Subsidy		Surcharge		
								FIXED CHARGES Rs/kWh/M	VARIABLE CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh	
		A	B	C	D	E	F					
a)	For Sectioned load less than 3 kW		14.06	1.24	0.49	3.47	21.26				3.26	
b)	For Sectioned load 3 kW & above	400.00	14.06	1.24	0.49	3.47	21.26				3.26	
			Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak
c)	Time Of Use	400.00	14.76	11.26	1.24	0.49	3.47	3.47	21.46	16.46	3.96	2.96

Under tariff A-2, there shall be minimum monthly charges at the following rates even if no energy is consumed.

a) Single Phase Connections: Rs. 175/- per consumer per month  
b) Three Phase Connections: Rs. 350/- per consumer per month  
Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kWh/M	VARIABLE CHARGES Rs/kWh	PTA 2016 Rs/kWh	Write-off Charges Rs/kWh	PTA 2017 Rs/kWh	Total Variable Charges Rs/kWh	G&P Tariff Rationalization			
								Subsidy		Burschment	
								FIXED CHARGES Rs/kWh/M	VARIABLE CHARGES Rs/kWh	FIXED CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh
ii) General Services		-	12.64	1.24	0.45	3.47	17.88	-	3.11	-	

Under tariff A-2, there shall be minimum monthly charges at the following rates even if no energy is consumed.

a) Single Phase Connections: Rs. 175/- per consumer per month  
b) Three Phase Connections: Rs. 350/- per consumer per month  
Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./kWh/M	VARIABLE CHARGES Rs./kWh	PTA 2016 Rs./kWh	Write-off Charges Rs./kWh	PTA 2017 Rs./kWh	Total Variable Charges Rs./kWh	G&P Tariff Rationalization					
								Subsidy				Burschment	
								FIXED CHARGES Rs./kWh/M	VARIABLE CHARGES Rs./kWh	VARIABLE CHARGES Rs./kWh	VARIABLE CHARGES Rs./kWh		
			A	B	C	D	E	F					
B1	Up to 25 kW (at 400/230 Volts)		13.34	1.24	0.49	3.47	18.54					4.26	
B2(i)	exceeding 25-300 kW (at 400 Volts)	400.00	13.04	1.24	0.49	3.47	18.26					4.26	
Time Of Use			Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	
B2(ii)	Up to 25 kW		16.74	11.24	1.24	0.49	3.47	3.47	21.94	16.44	3.96	3.94	
B3(i)	exceeding 25-300 kW (at 400 Volts)	400.00	16.76	11.06	1.24	0.49	3.47	3.47	21.66	16.26	3.96	3.94	
B4	For All Loads up to 3000 kW (at 11.23 kV)	380.00	16.76	10.86	1.24	0.49	3.47	3.47	21.94	16.04	3.96	3.86	
B6	For All Loads (at 66, 132 kV & above)	360.00	16.76	10.76	1.24	0.49	3.47	3.47	21.66	15.84	3.96	3.86	

For B1 consumers there shall be a fixed minimum charge of Rs. 360 per month.  
For B2 consumers there shall be a fixed minimum charge of Rs. 3,000 per month.  
For B3 consumers there shall be a fixed minimum charge of Rs. 500,000 per month.  
Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	PTA 2016	Write-off Charges	PTA 2017	Total Variable Charges	G&P Tariff Rationalization						
								FIXED CHARGES	VARIABLE CHARGES	Burschment				
										Purchase				
		Rs./kWh/M	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh/M	Rs./kWh	Rs./kWh	Rs./kWh			
		A	B	C	D	E	F							
C-1	For supply at 400/230 Volts	-	14.06	1.24	0.49	3.47	19.26				4.26			
a)	Sectioned load less than 3 kW	400.00	13.34	1.24	0.49	3.47	18.54				4.26			
C-2a)	For supply at 11.23 kV up to and including 3000 kW	280.00	13.34	1.24	0.49	3.47	18.54				4.26			
C-2a)	For supply at 66 kV & above and unsectioned load above 3000 kW	260.00	13.24	1.24	0.49	3.47	18.49				4.26			
Time Of Use			Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak		
C-1(c)	For supply at 400/230 Volts 3 kW & up to 300 kW	400.00	16.74	11.24	1.24	0.49	0.49	3.47	3.47	21.94	16.44	3.96	3.96	
C-2(b)	For supply at 11.23 kV up to and including 3000 kW	380.00	16.74	11.04	1.34	1.24	0.49	0.49	3.47	3.47	31.94	16.26	3.96	3.96
C-2(b)	For supply at 66 kV & above and unsectioned load above 3000 kW	360.00	16.74	10.84	1.34	1.24	0.49	0.49	3.47	3.47	21.94	16.04	3.96	3.94

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

**SCHEDULE OF ELECTRICITY TARIFFS**  
**FOR SUBSIDISED ELECTRIC SUPPLY TO DOMESTIC CONSUMERS**

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	FYA 2016		Write-off Charges	FYA 2017		Total Variable Charges	GoP Tariff Rationalisation			
		Rs./kWh/M	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	FIXED CHARGES	Subsidy	Burdens	VARIABLE CHARGES
		A	B	C	D	E	F	G	H	Rs./kWh/M	Rs./kWh	Rs./kWh	Rs./kWh
D-1(a)	SCARP less than 5 kW	300.00	13.36	1.24	0.49	3.47	16.76						
D-2 (a)	Agricultural Tube Wells		12.06	1.24	0.49	3.47	16.26						
			Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak
D-1(b)	SCARP 5 kW & above	300.00	16.79	10.88	1.24	0.49	3.47	21.44	18.06				
D-2 (b)	Agricultural 5 kW & above	300.00	16.79	10.88	1.24	0.49	3.47	21.44	16.06				
			Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak
										16.61	7.21		

In addition to above mentioned subsidy on variable charges, the fixed charges applicable to private agriculture consumers under tariff D-2 and D-1 (b) is also picked by GoP as Subsidy.

Under this tariff, there shall be minimum monthly charges Rs.2000/- per consumer per month, even if no energy is consumed.

Note: The consumers having sanctioned load less than 5 kW are opt for TOU metering.

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	FYA 2016		Write-off Charges	FYA 2017		Total Variable Charges	GoP Tariff Rationalisation			
		Rs./kWh/M	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	FIXED CHARGES	Subsidy	Burdens	VARIABLE CHARGES
		A	B	C	D	E	F	G	H	Rs./kWh/M	Rs./kWh	Rs./kWh	Rs./kWh
E-1(i)	Residential Supply		17.04	1.24	0.49	3.47	22.24						
E-1(ii)	Commercial Supply		18.04	1.24	0.49	3.47	21.24						
E-2	Industrial Supply		12.59	1.24	0.49	3.47	18.76						

For the categories of E-1(ii) above, the minimum bill of the consumers shall be Rs. 50/- per day subject to a minimum of Rs.500/- for the entire period of supply, even if no energy is consumed.

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

125% of relevant industrial tariff

Note: Tariff consumers will have the option to convert to Regular Tariff and vice versa. This option can be exercised at the time of a new connection or at the beginning of the season. Once exercised, the option remains in force for at least one year.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	FYA 2016		Write-off Charges	FYA 2017		Total Variable Charges	GoP Tariff Rationalisation			
		Rs./kWh/M	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	FIXED CHARGES	Subsidy	Burdens	VARIABLE CHARGES
		A	B	C	D	E	F	G	H	Rs./kWh/M	Rs./kWh	Rs./kWh	Rs./kWh
	Street Lighting		12.06	1.24	0.49	3.47	16.26						

Under Tariff D, there shall be a minimum monthly charge of Rs.500/- per month per kW of lamp capacity installed.

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	FYA 2016		Write-off Charges	FYA 2017		Total Variable Charges	GoP Tariff Rationalisation			
		Rs./kWh/M	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	FIXED CHARGES	Subsidy	Burdens	VARIABLE CHARGES
		A	B	C	D	E	F	G	H	Rs./kWh/M	Rs./kWh	Rs./kWh	Rs./kWh
	Residential Connection attached to industrial premises		15.04	1.24	0.49	3.47	20.24						

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	FYA 2016		Write-off Charges	FYA 2017		Total Variable Charges	GoP Tariff Rationalisation			
		Rs./kWh/M	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	FIXED CHARGES	Subsidy	Burdens	VARIABLE CHARGES
		A	B	C	D	E	F	G	H	Rs./kWh/M	Rs./kWh	Rs./kWh	Rs./kWh
J-1	For supply at 66 kV & above and having sanctioned load of 20MW & above	360.00	13.26	1.24	0.49	3.47	18.46						
J-2	(a) For supply at 11.33 kV	380.00	13.26	1.24	0.49	3.47	18.56						
	(b) For supply at 66 kV & above	360.00	13.26	1.24	0.49	3.47	18.46						
J-3	(a) For supply at 11.33 kV	380.00	13.26	1.24	0.49	3.47	18.56						
	(b) For supply at 66 kV & above	360.00	13.26	1.24	0.49	3.47	18.46						
	Time Of Use		Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak
J-1(b)	For supply at 66 kV & above and having sanctioned load of 20MW & above	360.00	16.79	10.88	1.24	0.49	3.47	31.96	16.06				
J-2 (a)	For supply at 11.33 kV	380.00	16.79	10.88	1.24	0.49	3.47	31.96	16.06				
J-2 (b)	For supply at 66 kV & above	360.00	16.79	10.88	1.24	0.49	3.47	31.96	16.06				
J-3 (a)	For supply at 11.33 kV	380.00	16.79	10.88	1.24	0.49	3.47	31.96	16.06				
J-3 (b)	For supply at 66 kV & above	360.00	16.79	10.88	1.24	0.49	3.47	31.96	16.06				

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Note:  
 \* Minimum-Jobwork Surcharge: at the rate of Rs. 0.10/kWh applicable to all electricity consumers except lifeline domestic consumers of the category "Residential A-1" for electricity sold.  
 \* Financing Cost Surcharge: at the rate of Rs. 0.43/kWh applicable to all the electricity consumers except lifeline domestic consumers of the category "Residential A-1" for electricity sold.

1. ORDER

From what has been discussed above, the Authority hereby re-determines the tariff of HESCO for the Financial Year 2015-16 as under;

- I. Hyderabad Electric Supply Company Limited (HESCO) is allowed to charge its consumers such tariff as set out in the schedule of tariff for HESCO annexed to the determination.
- II. The actual variation in fuel cost component of power purchase price against the reference fuel cost component shall be adjusted on monthly basis without taking into account the T&D losses. The monthly fuel price adjustment shall be based on the actual information submitted by CPPA (G), adjustment of remaining components of PPP will be adjusted biannually. Here it is pertinent to mention that while making biannual adjustments of the PPP, the Authority may rationalize the SoT accordingly.
- III. HESCO is allowed to charge the users of its system a "Use of system charge" (UOSC) equal to:

- i) Where only 132 kV system is involved.

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.0205)} \times AFI(T) \quad \text{Paisa/kWh}$$

- ii) Where only 11 kV distribution systems is involved.

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.0975)} \times AFI(D) \quad \text{Paisa/kWh}$$

- iii) Where both 132 kV and 11 kV distribution systems are involved.

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.118)} \times AFI(TD) \quad \text{Paisa/kWh}$$

Where:

Gross Distribution Margin for FY 2015-16 is set at Rs.2.18/kWh (without excluding impact of other income)

'L' is the overall percentage loss assessment for the respective year.

AFI (T) = Adjustment factor for investment at 132 kV level i.e. 16%

AFI (D) = Adjustment factor for investment at 11 kV level i.e. 59%.

AFI (TD) = Adjustment factor for investment at both 132 kV & 11 kV level i.e. 75%.



- IV. The residential consumers will be given the benefit of only one previous slab.
- V. HESCO is hereby allowed the T&D losses target of 22.59% for the FY 2015-16.
- VI. HESCO is hereby allowed a total investment of Rs.4,772 million.
- VII. Tariff under Colum 'A' and 'D' of Annex-III shall remain applicable for one year from the date of notification. Colum 'C' of Annex-III shall cease to exist after one year and only Colum 'A' and 'B' of Annex-III would remain applicable till the same is superseded by next notification.
- VII. The Order part, Annex-I, II, III, IV and V annexed with redetermination is intimated to the Federal Government for notification in the official gazette under Section 31(4) of the NEPRA Act.
- IX. The Authority hereby determines and approves the following component wise cost & its adjustments mechanism for HESCO for the FY 2015-16.

TARIFF COMPONENT	Assessed Cost FY 2015-16	ADJUSTMENTS/ ASSESSMENT	TIME LINES
POWER PURCHASE PRICE			
Energy Purchase Price			
Fuel Cost	30,652	Monthly, as per the approved mechanism.	Data to be provided by CPPA (G) by 3 <sup>rd</sup> of close of the month
Variable O&M	1,698	Biannually, as per the approved mechanism.	Request to be furnished by the HESCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
Capacity Charges	15,359	Biannually, as per the approved mechanism.	Request to be furnished by the HESCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
Use of System Charges	1,955	Biannually, as per the approved mechanism.	Request to be furnished by the HESCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
T&D Losses	22.59%	Biannually, as per the approved mechanism.	Request to be furnished by the HESCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
NET DISTRIBUTION MARGIN	8,091		
O&M Cost			
Salaries, wages & other benefits	3,779	Annually	On the basis of next year tariff petition.

Post-Retirement benefits	871	----do-----	----do-----
Repair and Maintenance	950	----do-----	----do-----
Other operating expanses	817	----do-----	----do-----
Depreciation	1,235	----do-----	----do-----
Return on Rate Base	1,761	----do-----	----do-----
Other Income	(1,323)	----do-----	----do-----
Prior Year Adjustment	5,189	----do-----	----do-----
Provisional Write Offs	2,059		

## Order

- I. Based on the above assessment, the Authority hereby determines the following adjustments on account of PPP (*including impact of T&D losses on FCA*) and Prior Year Adjustments for the FY 2016-17;

		FY 2016-17
Description		HESCO
		Mln.Rs.
A: Power Purchase Price (PPP) Adjustment		
	PPP cost billed by CPPA-G	52,214
Less;	PPP cost disallowed by the Authority	(926)
	Net PPP cost to be charged to consumers	51,288
Less;	PPP Recovered through notified Tariff	46,705
	Under recovered PPP Cost, to be recovered from the consumers	4,583
B: Prior Year Adjustment (PYA)		
	PYA to be recovered / (passed on) as per re-determination Sep. 18, 2017	5,189
Less;	PYA recovered / (Passed on) during FY 2016-17	(11,309)
	Under Recovered PYA, to be recovered from the consumers	16,498
C: Impact of Negative Monthly FCA's		
	Negative FCA Retained ( <i>Life Line, Agri and Domestic Consumers upto 300 units</i> )	(5,226)
Less;	Net Subsidy, if any	(3,915)
	FCA amount to be passed on to the consumers	(1,310)
Total Adjustment = A+B+C		19,771

- II. The impact of PYA amount of Rs.5,189 million already built in the HESCO's re-determination dated September 18, 2017, shall be replaced with the aforementioned amount of Rs.19,771 million, thus resulting in an overall adjustment of Rs.14,582 million in the consumer-end tariff of HESCO.
- III. After incorporating the above amount in the Authority's re-determination dated September 18, 2017, in the matter of the GoP's reconsideration request for HESCO, the Estimated Sales Revenue and Schedule of Tariff (SoT) have been revised and are attached as Annex-II and Annex-III respectively to this decision, which will supersede the earlier estimated sales revenue and SoT attached with the Authority's redetermination dated September 18, 2017, in the matter of GoP's Reconsideration request for HESCO. Remaining annexures would remain the same.

- IV. Tariff under Colum A and F of Annex-III shall remain applicable for one year from the date of notification. Colum C, D, E and F of Annex-III shall cease to exist after one year and only Colum A and B of Annex-III shall remain applicable, till the same is superseded by next notification.
- V. The Authority in its redetermination dated September 18, 2017, in the matter of the GoP's reconsideration request prescribed the mechanism for calculation of the quarterly/ biannual adjustments which is attached as Annex-IA with the instant decision.

**FUEL PRICE ADJUSTMENT MECHANISM**

Actual variation in fuel cost component against the reference fuel cost component for the corresponding months will be determined according to the following formula

$$\text{Fuel Price variation} = \text{Actual Fuel Cost Component} - \text{Reference Fuel Cost Component}$$

Where:

Fuel Price variation is the difference between actual and reference fuel cost component

Actual fuel cost component is the fuel cost component in the pool price on which the DISCOs will be charged by CPPA (G) in a particular month; and

Reference fuel cost component is the fuel cost component for the corresponding month projected for the purpose of tariff determination as per Annex-IV of the determination;

The fuel price adjustment determined by the Authority shall be shown separately in the bill of the consumer and the billing impact shall be worked out on the basis of consumption by the consumer in the respective month.

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### QUARTERLY/BIANNUAL ADJUSTMENT MECHANISM

Quarterly/ Biannual adjustment shall be the Actual variation in Power Purchase Price (PPP), excluding Fuel Cost Component, against the reference Power Purchase Price component and the impact of T&D losses on FCA, for the corresponding months and shall be determined according to the following formula;

$$\text{Quarterly/Biannual PPP}_{(Adj)} = \frac{\text{PPP}_{(Act)} (\text{excluding FCC}) - \text{PPP}_{(Ref)} (\text{excluding FCC})}{(1 - \text{T\&D Loss \%}) - (\text{Life line Consumption \%})}$$

Where;

$\text{PPP}_{(Act)}$  is the actual cost in Rs./kWh, excluding FCC, invoiced by CPPA-G to XWDISCOs, adjusted for any cost disallowed by the Authority.

$\text{PPP}_{(Ref)}$  is the reference cost in Rs./kWh as per the Annex-IV of the XWDISCOs determination that remained notified during the period.

T&D Loss % is percentage of T&D losses that remained notified during the period.

Quarterly/Biannual impact of T&D losses on  $\text{FCA}_{(Adj)}$

$$= \left[ \frac{\text{FCA}_{(Allowed)}}{(1 - \text{T\&D Loss \%}) - (\text{Life line Consumption \%})} \right] - \text{FCA}_{(Allowed)}$$

Where;

$\text{FCA}_{(allowed)}$  is the FCA allowed by the Authority for the respective months of the concerned period.

T&D Loss % is percentage of T&D losses that remained notified during the period.

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**HYDERABAD ELECTRIC SUPPLY COMPANY LIMITED (HESCO)**  
**Estimated Sales Revenue on the Basis of New Tariff**

Description	Sales		Revenue			Base Tariff		PYA 2016		Write off		PYA 2017		Total Tariff	
	GWh	% Mix	Fixed Charge	Variable Charge	Total	Fixed Charge	Variable Charge	Amount	Variable Charge	Amount	Variable Charge	Amount	Variable Charge	Fixed Charge	Var Ch
			Min. Rs.	Rs./kWh		Rs./kWh	Rs./kWh	Min. Rs.	Rs./kWh	Min. Rs.	Rs./kWh	Min. Rs.	Rs./kWh	Rs./kWh	Rs.
<b>Residential</b>															
Up to 50 Units	110	2.55%	-	440	440	-	4.00	-	-	-	-	-	-	-	-
For peak load requirement less than 5 kW															
01-100 Units	880	20.41%	-	9,912	9,912	-	11.27	1,082	1.23	431	0.49	3,053	3.47	-	-
101-200 Units	409	9.48%	-	6,035	6,035	-	14.77	503	1.23	200	0.49	1,418	3.47	-	-
201-300 Units	395	9.18%	-	6,004	6,004	-	15.17	487	1.23	194	0.49	1,373	3.47	-	-
301-700 Units	265	6.15%	-	4,180	4,180	-	15.77	328	1.23	130	0.49	922	3.48	-	-
Above 700 Units	159	3.69%	-	2,663	2,663	-	18.78	197	1.24	78	0.49	553	3.48	-	-
For peak load requirement exceeding 5 kW)															
Time of Use (TOU) - Peak	14	0.34%	-	242	242	-	18.78	18	1.24	7	0.49	50	3.47	-	-
Time of Use (TOU) - Off-Peak	63	1.46%	-	709	709	-	11.28	78	1.24	31	0.49	219	3.47	-	-
Temporary Supply	0	0.00%	-	-	-	-	17.06	-	1.24	-	0.49	-	3.47	-	-
<b>Total Residential</b>	<b>2,296</b>	<b>53.26%</b>	<b>-</b>	<b>30,185</b>	<b>30,185</b>	<b>-</b>	<b>-</b>	<b>2,591</b>	<b>-</b>	<b>1,071</b>	<b>-</b>	<b>7,588</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Commercial - A2</b>															
For peak load requirement less than 5 kW	137	3.17%	-	2,195	2,195	-	16.06	169	1.24	87	0.49	474	3.47	-	-
For peak load requirement exceeding 5 kW															
Regular	7	0.16%	11	95	106	400	14.06	8	1.24	3	0.49	23	3.47	400	1
Time of Use (TOU) - Peak	37	0.85%	-	817	617	-	16.78	46	1.24	18	0.49	128	3.47	-	-
Time of Use (TOU) - Off-Peak	139	3.23%	269	1,568	1,837	400	11.28	173	1.24	68	0.49	483	3.47	400	1
Temporary Supply	1	0.02%	-	11	11	-	16.06	1	1.24	0	0.49	2	3.47	-	-
<b>Total Commercial</b>	<b>320</b>	<b>7.43%</b>	<b>280</b>	<b>4,486</b>	<b>4,766</b>	<b>-</b>	<b>-</b>	<b>397</b>	<b>-</b>	<b>157</b>	<b>-</b>	<b>1,111</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>General Services-A3</b>															
<b>Industrial</b>	<b>129</b>	<b>3.00%</b>	<b>-</b>	<b>1,637</b>	<b>1,637</b>	<b>-</b>	<b>12.88</b>	<b>160</b>	<b>1.24</b>	<b>83</b>	<b>0.49</b>	<b>449</b>	<b>3.47</b>	<b>-</b>	<b>1</b>
B1	164	3.80%	-	2,220	2,220	-	13.58	203	1.24	80	0.49	568	3.47	-	1
B1 Peak	12	0.28%	-	203	203	-	16.76	15	1.24	6	0.49	42	3.47	-	2
B1 Off Peak	58	1.35%	-	854	854	-	11.28	72	1.24	28	0.49	202	3.47	-	1
B2	14	0.33%	24	187	211	400	13.08	18	1.24	7	0.49	50	3.47	400	1
B2 - TOU (Peak)	47	1.09%	-	788	788	-	16.78	58	1.24	23	0.49	163	3.47	-	2
B2 - TOU (Off-peak)	257	5.96%	661	2,840	3,501	400	11.06	318	1.24	126	0.49	891	3.47	400	1
B3 - TOU (Peak)	38	0.89%	-	643	643	-	16.78	48	1.24	19	0.49	133	3.47	-	2
B3 - TOU (Off-peak)	214	4.96%	458	2,322	2,779	380	10.86	265	1.24	105	0.49	742	3.47	380	1
B4 - TOU (Peak)	19	0.43%	-	311	311	-	16.78	23	1.24	9	0.49	64	3.47	-	2
B4 - TOU (Off-peak)	108	2.51%	122	1,185	1,287	360	10.76	134	1.24	53	0.49	376	3.47	360	1
Temporary Supply	0	0.00%	-	1	1	-	13.58	0	1.24	0	0.49	0	3.47	-	1
<b>Total Industrial</b>	<b>931</b>	<b>21.60%</b>	<b>1,264</b>	<b>11,335</b>	<b>12,598</b>	<b>-</b>	<b>-</b>	<b>1,155</b>	<b>-</b>	<b>456</b>	<b>-</b>	<b>3,231</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Single Point Supply for further distribution</b>															
C1(a) Supply at 400 Volts-less than 5 kW	2	0.06%	-	35	35	-	14.06	3	1.24	1	0.49	9	3.47	-	1
C1(b) Supply at 400 Volts-exceeding 5 kW	29	0.68%	36	396	431	400	13.56	38	1.24	14	0.49	101	3.47	400	1
Time of Use (TOU) - Peak	5	0.11%	-	79	79	-	16.76	8	1.24	2	0.49	18	3.47	-	2
Time of Use (TOU) - Off-Peak	22	0.50%	31	243	274	400	11.28	27	1.24	11	0.49	75	3.47	400	1
C2 Supply at 11 kV	21	0.49%	19	280	299	380	13.36	26	1.24	10	0.49	73	3.47	380	1
Time of Use (TOU) - Peak	4	0.10%	-	70	70	-	16.76	5	1.24	2	0.49	14	3.47	-	2
Time of Use (TOU) - Off-Peak	18	0.42%	25	200	225	380	11.06	22	1.24	9	0.49	63	3.47	380	1
C3 Supply above 11 kV	3	0.07%	4	41	44	360	13.26	4	1.24	2	0.49	11	3.47	360	1
Time of Use (TOU) - Peak	0	0.00%	-	-	-	-	16.78	-	1.24	-	0.49	-	3.47	-	-
Time of Use (TOU) - Off-Peak	0	0.00%	-	-	-	360	10.86	-	1.24	-	0.49	-	3.47	360	-
<b>Total Single Point Supply</b>	<b>104</b>	<b>2.42%</b>	<b>113</b>	<b>1,343</b>	<b>1,457</b>	<b>-</b>	<b>-</b>	<b>129</b>	<b>-</b>	<b>51</b>	<b>-</b>	<b>362</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Agricultural Tube-wells - Tariff D</b>															
Scarp	246	5.75%	-	3,381	3,381	-	13.56	307	1.24	23	0.49	880	3.47	-	-
Time of Use (TOU) - Peak	9	0.20%	-	148	148	-	16.76	11	1.24	4	0.49	30	3.47	-	-
Time of Use (TOU) - Off-Peak	43	1.01%	29	472	501	200	10.86	54	1.24	21	0.49	151	3.47	200	-
Agricultural Tube-wells	84	1.98%	48	1,102	1,148	200	13.06	105	1.24	41	0.49	293	3.47	200	-
Time of Use (TOU) - Peak	23	0.53%	-	385	385	-	16.78	28	1.24	11	0.49	80	3.47	-	-
Time of Use (TOU) - Off-Peak	70	1.80%	55	844	899	200	10.86	96	1.24	38	0.49	270	3.47	200	-
<b>Total Agricultural</b>	<b>485</b>	<b>11.26%</b>	<b>130</b>	<b>6,310</b>	<b>6,440</b>	<b>-</b>	<b>-</b>	<b>602</b>	<b>-</b>	<b>238</b>	<b>-</b>	<b>1,683</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Public Lighting - Tariff G</b>															
Public Lighting - Tariff G	41	0.94%	-	612	612	-	15.06	50	1.24	20	0.49	141	3.47	-	-
Residential Colonies	4	0.10%	-	62	62	-	15.06	5	1.24	2	0.49	14	3.47	-	-
<b>Sub-Total</b>	<b>45</b>	<b>1.04%</b>	<b>-</b>	<b>674</b>	<b>674</b>	<b>-</b>	<b>-</b>	<b>55</b>	<b>-</b>	<b>22</b>	<b>-</b>	<b>155</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Special Contract - Tariff-J</b>															
J-1 For Supply at 66 kV & above	-	0.00%	-	-	-	360	13.26	-	1.24	-	0.49	-	3.47	-	360
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	16.78	-	1.24	-	0.49	-	3.47	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	360	10.86	-	1.24	-	0.49	-	3.47	360	-
J-2 (a) For Supply at 11, 33 kV	-	0.00%	-	-	-	360	13.36	-	1.24	-	0.49	-	3.47	-	360
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	16.78	-	1.24	-	0.49	-	3.47	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	360	11.06	-	1.24	-	0.49	-	3.47	360	-
J-2 (b) For Supply at 66 kV & above	-	0.00%	-	-	-	360	13.28	-	1.24	-	0.49	-	3.47	-	360
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	16.78	-	1.24	-	0.49	-	3.47	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	360	10.86	-	1.24	-	0.49	-	3.47	360	-
J-3 (a) For Supply at 11, 33 kV	-	0.00%	-	-	-	360	13.36	-	1.24	-	0.49	-	3.47	-	360
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	16.78	-	1.24	-	0.49	-	3.47	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	360	11.06	-	1.24	-	0.49	-	3.47	360	-
J-3 (b) For Supply at 66 kV & above	-	0.00%	-	-	-	360	13.26	-	1.24	-	0.49	-	3.47	-	360
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	16.78	-	1.24	-	0.49	-	3.47	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	360	10.86	-	1.24	-	0.49	-	3.47	360	-
<b>Total Revenue</b>	<b>4,310</b>	<b>100.00%</b>	<b>1,787</b>	<b>55,969</b>	<b>57,755</b>	<b>-</b>	<b>-</b>	<b>5,189</b>	<b>-</b>	<b>2,059</b>	<b>-</b>	<b>14,582</b>	<b>-</b>	<b>-</b>	<b>-</b>

Tariff mentioned under Column "Total Tariff" shall remain applicable for a period of one year from the date of notification. After one year PYA 2016, Write-off and PYA 2017 shall cease to exist and only tariff mentioned under Column "Base Tariff" shall remain applicable till the same is superseded by next notification.

## HESCO Power Purchase Price

Name	July	August	September	October	November	December	January	February	March	April	May	June	Total
Units Purchased by DISCOs (GWh)	556	597	562	533	442	342	312	347	381	439	528	527	5,568
kWh													
Fuel Cost Component	4.9811	4.7552	5.1217	5.2366	5.0497	5.8619	7.1241	5.7493	6.6429	6.7227	5.2908	4.9927	5.505
Variable O & M	0.2727	0.2678	0.2825	0.2891	0.2916	0.3337	0.3711	0.3234	0.3467	0.3577	0.3050	0.2891	0.305
CpGenCap	2.2217	1.9469	2.2001	2.2825	2.6216	3.4077	4.0896	3.5636	3.7153	2.7553	2.7663	2.9979	2.76
USCF	0.2806	0.2630	0.3020	0.3043	0.3650	0.4218	0.4694	0.4609	0.4250	0.3557	0.3159	0.4020	0.35
Total PPP in Rs. /kWh	7.7562	7.2328	7.9062	8.1124	8.3279	10.0251	12.0542	10.0973	11.1299	10.1914	8.6781	8.6817	8.9195

Rs in Million													
Fuel Cost Component	2,770	2,839	2,878	2,793	2,234	2,007	2,224	1,997	2,534	2,953	2,793	2,630	30,652
Variable O & M	152	160	159	154	129	114	116	112	132	157	161	152	1,698
CpGenCap	1,236	1,162	1,236	1,217	1,160	1,167	1,277	1,238	1,417	1,210	1,460	1,579	15,359
USCF	156	157	170	162	161	144	147	160	162	156	167	212	1,955
PPP	4,313	4,318	4,443	4,327	3,684	3,433	3,763	3,507	4,245	4,476	4,581	4,573	49,664

*It is clarified that PPP is pass through for all the DISCOs and its monthly references would continue to exist irrespective of the financial year, unless the new SOT is revised and notified by the GOP*



**TERMS AND CONDITIONS OF TARIFF  
(FOR SUPPLY OF ELECTRIC POWER TO CONSUMERS BY DISTRIBUTION  
LICENSEES)**

**PART-I**

**GENERAL DEFINITIONS**

The Company, for the purposes of these terms and conditions means Hyderabad Electric Supply Company Limited (HESCO) engaged in the business of distribution of electricity within the territory mentioned in the licence granted to it for this purpose.

1. "Month or Billing Period", unless otherwise defined for any particular tariff category, means a billing month of 30 days or less reckoned from the date of last meter reading.
2. "Minimum Charge", means a charge to recover the costs for providing customer service to consumers even if no energy is consumed during the month.
3. "Fixed Charge" means the part of sale rate in a two-part tariff to be recovered on the basis of "Billing Demand" in kilowatt on monthly basis.
4. "Billing Demand" means the highest of maximum demand recorded in a month except in the case of agriculture tariff D2 where "Billing Demand" shall mean the sanctioned load.
5. "Variable Charge" means the sale rate per kilowatt-hour (kWh) as a single rate or part of a two-part tariff applicable to the actual kWh consumed by the consumer during a billing period.
6. "Maximum Demand" where applicable, means the maximum of the demand obtained in any month measured over successive periods each of 30 minutes' duration except in the case of consumption related to Arc Furnaces, where "Maximum Demand" shall mean the maximum of the demand obtained in any month measured over successive periods each of 15 minutes' duration.
7. "Sanctioned Load" where applicable means the load in kilowatt as applied for by the consumer and allowed/authorized by the Company for usage by the consumer.
8. "Power Factor" means the ratio of kWh to KVAh recorded during the month or the ratio of kWh to the square root of sum of square of kWh and kVARh.
9. Point of supply means metering point where electricity is delivered to the consumer.
10. Peak and Off Peak hours for the application of Time Of Use (TOU) Tariff shall be the following time periods in a day:

	<u>* PEAK TIMING</u>	<u>OFF-PEAK TIMING</u>
Dec to Feb (inclusive) day	5 PM to 9 PM	Remaining 20 hours of the
Mar to May (inclusive)	6 PM to 10 PM	-do-
June to Aug (inclusive)	7 PM to 11 PM	-do-
Sept to Nov (inclusive)	6 PM to 10 PM	-do-

\* To be duly adjusted in case of day light time saving

11. "Supply", means the supply for single-phase/three-phase appliances inclusive of both general and motive loads subject to the conditions that in case of connected or sanctioned load exceeding 4 kW supply shall be given at three-phase.

12. "Consumer" means a person of his successor-in-interest as defined under Section 2(iv) of the Regulation of Generation, Transmission and Distribution of Electric Power Act (XL of 1997).
13. "Charitable Institution" means an institution, which works for the general welfare of the public on no profit basis and is registered with the Federal or Provincial Government as such and has been issued tax exemption certificate by Federal Board of Revenue (FBR).
14. NTDC means the National Transmission and Dispatch Company.
15. CPPA(G) means Central Power Purchasing Agency Guarantee Limited (CPPA)(G).
16. The "Authority" means "The National Electric Power Regulatory Authority (NEPRA)" constituted under the Regulation of Generation, Transmission and Distribution of Electric Power Act (XL of 1997).

## **GENERAL CONDITIONS**

1. "The Company shall render bills to the consumers on a monthly basis or less on the specific request of a consumer for payment by the due date.
2. The Company shall ensure that bills are delivered to consumers at least seven days before the due date. If any bill is not paid by the consumer in full within the due date, a Late Payment Charge of 10% (ten percent) shall be levied on the amount billed excluding Govt. tax and duties etc. In case bill is not served at least seven days before the due date then late payment surcharge will be levied after 7<sup>th</sup> day from the date of delivery of bill.
3. The supply provided to the consumers shall not be available for resale.
4. In the case of two-part tariff average Power Factor of a consumer at the point of supply shall not be less than 90%. In the event of the said Power factor falling below 90%, the consumer shall pay a penalty of two percent increase in the fixed charges determined with reference to maximum demand during the month corresponding to one percent decrease in the power factor below 90%.

## **PART-II**

**(Definitions and Conditions for supply of power specific to each consumer category)**

### **A-1 RESIDENTIAL**

#### **Definition**

"Life Line Consumer" means those residential consumers having single phase electric connection with a sanctioned load up to 1 kW.

At any point of time, if the floating average of last six months' consumption exceed 50 units, then the said consumer would not be classified as life line for the billing month even if its consumption is less than 50 units. For the purpose of calculating floating average, the consumption charged as detection billing would also be included.

1. This Tariff is applicable for supply to;
  - i) Residences,
  - ii) Places of worship,
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. A-1(a) tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and shall be billed on the basis of tariff A-1(b) as set out in the Schedule of Tariff.

4. All existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and converted to A- 1(b) Tariff by the Company.

## **A-2 COMMERCIAL**

1. This tariff is applicable for supply to commercial offices and commercial establishments such as:
  - i) Shops,
  - ii) Hotels and Restaurants,
  - iii) Petrol Pumps and Service Stations,
  - iv) Compressed Natural Gas filling stations,
  - v) Private Hospitals/Clinics/Dispensaries,
  - vi) Places of Entertainment, Cinemas, Theaters, Clubs;
  - vii) Guest Houses/Rest Houses,
  - viii) Office of Lawyers, Solicitors, Law Associates and Consultants etc.
2. Consumers under tariff A-2 having sanctioned load of less than 5 kW shall be billed under a Single-Part kWh rate A-2(a)
3. All existing consumers under tariff A-2 having sanctioned load 5 kW and above shall be billed on A-2(b) tariff till such time that they are provided T.O.U metering arrangement; thereafter such consumers shall be billed on T.O.U tariff A-2(c).
4. The existing and prospective consumers having load of 5 kW and above can opt for T.O.U metering arrangement and A-2(c) tariff.
5. All existing consumers under tariff A-2 shall be provided T.O.U metering arrangement by the Company and convert it to-A-2 (c) Tariff.
6. All new connections having load requirement 5 kW and above shall be provided T.O.U meters and shall be billed under tariff A-2(c).

## **A-3 GENERAL SERVICES**

1. This tariff is applicable to;
  - i. Approved religious and charitable institutions
  - ii. Government and Semi-Government offices and Institutions
  - iii. Government Hospitals and dispensaries
  - iv. Educational institutions
  - v. Water Supply schemes including water pumps and tube wells operating on three phase 400 volts other than those meant for the irrigation or reclamation of Agriculture land.
1. Consumers under General Services (A-3) shall be billed on single-part kWh rate i.e. A-3(a) tariff.

## **B INDUSTRIAL SUPPLY**

### **Definitions**

1. "Industrial Supply" means the supply for bona fide industrial purposes in factories including the supply required for the offices and for normal working of the industry.
2. For the purposes of application of this tariff an "Industry" means a bona fide undertaking or establishment engaged in manufacturing, value addition and/or processing of goods.

3. This Tariff shall also be available for consumers having single-metering arrangement such as;
  - i) Poultry Farms
  - ii) Fish Hatcheries and Breeding Farms and
  - iii) Software houses

### **Conditions**

An industrial consumer shall have the option, to switch over to seasonal Tariff-F, provided his connection is seasonal in nature as defined under Tariff-F, and he undertakes to abide by the terms and conditions of Tariff-F and pays the difference of security deposit rates previously deposited and those applicable to tariff-F at the time of acceptance of option for seasonal tariff. Seasonal tariff will be applicable from the date of commencement of the season, as specified by the customers at the time of submitting the option for Tariff-F. Tariff-F consumers will have the option to convert to corresponding Regular Industrial Tariff category and vice versa. This option can be exercised at the time of obtaining a new connection or at the beginning of the season. Once exercised, the option will remain in force for at least one year.

### **B-1 SUPPLY AT 400 VOLTS THREEPHASE AND/OR 230 VOLTS SINGLE PHASE**

1. This tariff is applicable for supply to Industries having sanctioned load upto a 25 kW.
2. Consumers having sanctioned load less than 25 kW shall be billed on single-part kWh rate.
3. All existing consumers under tariff B-1 shall be provided T.O.U metering arrangement by the Company and convert it to-B1 (b) Tariff.

### **B-2 SUPPLY AT 400 VOLTS**

1. This tariff is applicable for supply to Industries having sanctioned load of more than 25 kW up to and including 500 kW.
2. All existing consumers under tariff B-2 shall be provided T.O.U metering arrangement by the Company and converted to B-2(b) Tariff.
3. All new applicants i.e. prospective consumers applying for service to the Company shall be provided T.O.U metering arrangement and charged according to the applicable T.O.U tariff.

### **B-3 SUPPLY AT 11 kV AND 33 kV**

1. This tariff is applicable for supply to Industries having sanctioned load of more than 500 kW up to and including 5000 kW and also for Industries having sanctioned load of 500 kW or below who opt for receiving supply at 11 kV or 33 kV.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. The supply under this Tariff shall not be available to a prospective consumer unless he provides, to the satisfaction and approval of the Company, his own Transformer, Circuit Breakers and other necessary equipment as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively pays to the Company for all apparatus and equipment if so provided and installed by the Company. The recovery of the cost of service connection shall be regulated by the NEPRA eligibility criteria.
4. All B-3 Industrial Consumers shall be billed on the basis of T.O.U tariff given in the Schedule of Tariff.

### **B-4 SUPPLY AT 66 kV, 132 kV AND ABOVE**

1. This tariff is applicable for supply to Industries for all loads of more than 5000 kW receiving supply at 66 kV, 132 kV and above and also for Industries having load of 5000 kW or below who opt to receive supply at 66 kV or 132 kV and above.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. If the Grid Station required for provision of supply falls within the purview of the dedicated system under the NEPRA Eligibility Criteria, the supply under this Tariff shall not be available to such a prospective consumer unless he provides, to the satisfaction and approval of the Company, an independent grid station of his own including Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively, pays to the Company for all such Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus if so provided and installed by the Company. The recovery of cost of service connection shall be regulated by NEPRA Eligibility Criteria.
4. All B-4 Industrial Consumers shall be billed on the basis of two-part T.O.U tariff.

### **C BULK SUPPLY**

"Bulk Supply" for the purpose of this Tariff, means the supply given at one point for self-consumption not selling to any other consumer such as residential, commercial, tube-well and others.

#### **General Conditions**

If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days no notice will be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days the fixed charges shall be assessed on proportionate basis for actual number of days between the date of old reading and the new reading.

#### **C-1 SUPPLY AT 400/230 VOLTS**

1. This Tariff is applicable to a consumer having a metering arrangement at 400 volts, having sanctioned load of up to and including 500 kW.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. C-1(a) tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and shall be billed on the basis of Time-of-Use (T.O.U) tariff C-1(c) given in the Schedule of Tariff.
4. All the existing consumers governed by this tariff having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements.

#### **C-2 SUPPLY AT 11 kV AND 33 kV**

1. This tariff is applicable to consumers receiving supply at 11 kV or 33 kV at one-point metering arrangement and having sanctioned load of up to and including 5000 kW.
2. The supply under this Tariff shall not be available to a prospective consumer unless he provides, to the satisfaction and approval of the Company, his own Transformer, Circuit Breakers and other necessary equipment as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively pays to the Company for all apparatus and equipment if so provided and installed by the Company. The recovery of the cost of service connection shall be regulated by the NEPRA eligibility criteria.
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff C-2(b) as set out in the Schedule of Tariff.

4. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to C-2(b).

### **C-3 SUPPLY AT 66 kV AND ABOVE**

1. This tariff is applicable to consumers having sanctioned load of more than 5000 kW receiving supply at 66 kV and above.
2. If the Grid Station required for provision of supply falls within the purview of the dedicated system under the NEPRA Eligibility Criteria, the supply under this Tariff shall not be available to such a prospective consumer unless he provides, to the satisfaction and approval of the Company, an independent grid station of his own including Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively, pays to the Company for all such Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus if so provided and installed by the Company. The recovery of cost of service connection shall be regulated by NEPRA Eligibility Criteria.
3. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to C-3(b).
4. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff C-3(b) as set out in the Schedule of Tariff.

### **D AGRICULTURAL SUPPLY**

“Agricultural Supply” means the supply for Lift Irrigation Pumps and/or pumps installed on Tube-wells intended solely for irrigation or reclamation of agricultural land or forests, and include supply for lighting of the tube-well chamber.

#### **Special Conditions of Supply**

1. This tariff shall apply to:
  - i) Reclamation and Drainage Operation under Salinity Control and Reclamation Projects (SCARP):
  - ii) Bona fide forests, agricultural tube-wells and lift irrigation pumps for the irrigation of agricultural land.
  - iii) Tube-wells meant for aqua-culture, viz. fish farms, fish hatcheries and fish nurseries.
  - iv) Tube-wells installed in a dairy farm meant for cultivating crops as fodder and for upkeep of cattle.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. The lamps and fans consumption in the residential quarters, if any, attached to the tube-wells shall be charged entirely under Tariff A-1 for which separate metering arrangements should be installed.
4. The supply under this Tariff shall not be available to consumer using pumps for the irrigation of parks, meadows, gardens, orchards, attached to and forming part of the residential, commercial or industrial premises in which case the corresponding Tariff A-1, A-2 or Industrial Tariff B-1, B-2 shall be respectively applicable.

#### **D-1**

1. This tariff is applicable to all Reclamation and Drainage Operation pumping under SCARP related installation having sanctioned load of less than 5 kW.

2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. D-1(a) tariff given in the Schedule of Tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided TOU metering arrangement and shall be charged on the basis of Time-of- Use (T.O.U) tariff D-1(b) given in the Schedule of Tariff.
4. All the existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements and shall be governed by D-1(a) till that time.

#### **D-2**

1. This tariff is applicable to consumers falling under Agriculture Supply having sanctioned load less than 5 kW excluding SCARP related installations.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. D-2(a) tariff given in the Schedule of Tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided TOU metering arrangement and shall be charged on the basis of Time-of- Use (T.O.U) tariff D- 2(b) given in the Schedule of Tariff.
4. All the existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements and shall be governed by D-2(a) till that time.

#### **E -1 TEMPORARY RESIDENTIAL/COMMERCIAL SUPPLY**

Temporary Residential/Commercial Supply means a supply given to persons temporarily on special occasions such as ceremonial, religious gatherings, festivals, fairs, marriages and other civil or military functions. This also includes supply to touring cinemas and persons engaged in construction works for all kinds of single phase loads. For connected load exceeding 4 kW, supply may be given at 400 volts (3 phase) to allow a balanced distribution of load on the 3 phases. Normally, temporary connections shall be allowed for a period of 3 months which can be extended on three months basis subject to clearance of outstanding dues.

##### **Special Conditions of Supply**

1. This tariff shall apply to Residential and Commercial consumers for temporary supply.
2. Ordinarily the supply under this Tariff shall not be given by the Company without first obtaining security equal to the anticipated supply charges and other miscellaneous charges for the period of temporary supply.

#### **E -2 TEMPORARY INDUSTRIAL SUPPLY**

"Temporary Industrial Supply" means the supply given to an Industry for the bonafide purposes mentioned under the respective definitions of "Industrial Supply", during the construction phase prior to the commercial operation of the Industrial concern.

##### **SPECIAL CONDITIONS OF SUPPLY**

1. Ordinarily the supply under this Tariff shall not be given by the Company without first obtaining security equal to the anticipated supply charges and other miscellaneous charges for the period of temporary supply.
2. Normally, temporary connections shall be allowed for a period of 3 months, which may be extended on three months basis subject to clearance of outstanding dues.

#### **F SEASONAL INDUSTRIAL SUPPLY**

"Seasonal Industry" for the purpose of application of this Tariff, means an industry which works only for part of the year to meet demand for goods or services arising during a

particular season of the year. However, any seasonal industry running in combination with one or more seasonal industries, against one connection, in a manner that the former works in one season while the latter works in the other season (thus running throughout the year) will not be classified as a seasonal industry for the purpose of the application of this Tariff.

### **Definitions**

1. "Year" means any period comprising twelve consecutive months.
2. All "Definitions" and "Special Conditions of Supply" as laid down under the corresponding Industrial Tariffs shall also form part of this Tariff so far as they may be relevant.

### **Special Conditions of Supply**

1. This tariff is applicable to seasonal industry.
2. Fixed Charges per kilowatt per month under this tariff shall be levied at the rate of 125% of the corresponding regular Industrial Supply Tariff Rates and shall be recovered only for the period that the seasonal industry actually runs subject to minimum period of six consecutive months during any twelve consecutive months. The condition for recovery of Fixed Charges for a minimum period of six months shall not, however, apply to the seasonal industries, which are connected to the Company's Supply System for the first time during the course of a season.
3. The consumers falling within the purview of this Tariff shall have the option to change over to the corresponding industrial Supply Tariff, provided they undertake to abide by all the conditions and restrictions, which may, from time to time, be prescribed as an integral part of those Tariffs. The consumers under this Tariff will have the option to convert to Regular Tariff and vice versa. This option can be exercised at the time of obtaining a new connection or at the beginning of the season. Once exercised, the option will remain in force for at least one year.
4. All seasonal loads shall be disconnected from the Company's Supply System at the end of the season, specified by the consumer at the time of getting connection, for which the supply is given. In case, however, a consumer requires running the non-seasonal part of his load (e.g., lights, fans, tube-wells, etc.) throughout the year, he shall have to bring out separate circuits for such load so as to enable installation of separate meters for each type of load and charging the same at the relevant Tariff.
5. Where a "Seasonal Supply" consumer does not come forward to have his seasonal industry re-connected with the Company's Supply System in any ensuing season, the service line and equipment belonging to the Company and installed at his premises shall be removed after expiry of 60 days of the date of commencement of season previously specified by the consumer at the time of his obtaining new connection/re-connection. However, at least ten clear days notice in writing under registered post shall be necessary to be given to the consumer before removal of service line and equipment from his premises as aforesaid, to enable him to decide about the retention of connection or otherwise. No Supply Charges shall be recovered from a disconnected seasonal consumer for any season during which he does not come forward to have his seasonal industry re-connected with the Company's Supply System.

### **G PUBLIC LIGHTING SUPPLY**

"Public Lighting Supply" means the supply for the purpose of illuminating public lamps.

### **Definitions**

"Month" means a calendar month or a part thereof in excess of 15 days.



### **Special Conditions of Supply**

The supply under this Tariff shall be used exclusively for public lighting installed on roads or premises used by General Public.

### **H RESIDENTIAL COLONIES ATTACHED TO INDUSTRIES**

This tariff is applicable for one-point supply to residential colonies attached to the industrial supply consumers having their own distribution facilities.

#### **Definitions**

“One Point Supply” for the purpose of this Tariff, means the supply given by one point to Industrial Supply Consumers for general and domestic consumption in the residential colonies attached to their factory premises for a load of 5 Kilowatts and above. The purpose is further distribution to various persons residing in the attached residential colonies and also for perimeter lighting in the attached residential colonies.

“General and Domestic Consumption”, for the purpose of this Tariff, means consumption for lamps, fans, domestic applications, including heated, cookers, radiators, air-conditioners, refrigerators and domestic tube-wells.

“Residential Colony” attached to the Industrial Supply Consumer, means a group of houses annexed with the factory premises constructed solely for residential purpose of the bonafide employees of the factory, the establishment or the factory owners or partners, etc.

### **Special Conditions of Supply**

The supply under this Tariff shall not be available to persons who meet a part of their requirements from a separate source of supply at their premises.

### **I. TRACTION**

Supply under this tariff means supply of power in bulk to Railways for Railway traction only.

### **J. SPECIAL CONTRACTS UNDER NEPRA (SUPPLY OF POWER) REGULATIONS 2015**

Supply for the purpose of this tariff means the supply given at one or more common delivery points;

- i. To a licensee procuring power from HESCO for the purpose of further supply within its respective service territory and jurisdiction.
- ii. To an O&M operator under the O&M Agreement within the meaning of NEPRA (Supply of Power) Regulations 2015 duly approved by the Authority for the purpose of further supply within the service territory and jurisdiction of the HESCO
- iii. To an Authorized agent within the meaning of NEPRA (Supply of Power) Regulations 2015, procuring power from the HESCO for further supply within the service territory and jurisdiction of the HESCO

#### J-1 SUPPLY TO LICENSEE

1. This tariff is applicable to a Licensee having sanctioned load of 20 MW and above receiving supply at 66 kV and above.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-1(b).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-1(b) as set out in the Schedule of Tariff.

#### SUPPLY UNDER O&M AGREEMENT

##### J-2 (a) SUPPLY AT 11 KV AND 33 KV

1. This tariff is applicable to an O&M operator receiving supply at 11 kV or 33 kV under the O&M Agreement duly approved by the Authority.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-2(c).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-2(c) as set out in the Schedule of Tariff.

##### J-2 (b) SUPPLY AT 66 KV AND ABOVE

1. This tariff is applicable to an O&M operator receiving supply at 66 kV & above under the O&M Agreement duly approved by the Authority.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-2(d).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-2(d) as set out in the Schedule of Tariff.

#### SUPPLY TO AUTHORIZED AGENT

##### J-3 (a) SUPPLY AT 11 KV AND 33 KV

1. This tariff is applicable to an authorized agent receiving supply at 11 kV or 33 kV.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-3(c).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-3(c) as set out in the Schedule of Tariff.

##### J-3 (b) SUPPLY AT 66 KV AND ABOVE

1. This tariff is applicable to an authorized agent receiving supply at 66 kV & above.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-3(d).

3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-3(d) as set out in the Schedule of Tariff.

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[Tariff-2015-16]

  
(Syed Mateen Ahmed)  
Section Officer (Tariff)

Government of Pakistan  
Ministry of Energy  
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Islamabad, the 22nd March, 2018.

**NOTIFICATION**

S.R.O. 376 (I)/2018. - In pursuance of sub-section (4) & (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), and in supersession of its notification No. S.R.O. 568(I)/2015, dated the 10<sup>th</sup> June, 2015, the Federal Government is pleased to notify the National Electric Power Regulatory Authority's in field determined Schedule Of Electricity Tariffs for the Faisalabad Electric Supply Company Limited (FESCO), subject to and alongwith amount of subsidy and surcharges, with immediate effect, as attached herewith. The Order dated September 18, 2017 and October 23, 2017 of the Authority at Annex-I and IA, Fuel Price Adjustment Mechanism and Quarterly/Biannual Adjustment Mechanism at Annex-II and IIA, FESCO Estimated Sales Revenue in field at Annex-III, FESCO Power Purchase Price at Annex-IV, the Terms and Conditions of Tariff (For Supply Of Electric Power To Consumers By Distribution Licensee) at Annex-V, the Adjustment Mechanism for Component Wise Cost at Annex-VI and Allowed Total Investment at Annex-VII to this notification is notified, in respect of FESCO.

2. Provided that in pursuance of sub-section (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), the Federal Government is pleased to notify that there shall be levied with immediate effect a surcharge namely, "Tariff Rationalization Surcharge" at the rate mentioned against categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by FESCO, during each of the billing month, for maintaining uniform rates of electricity across the country for each of the consumer category. FESCO shall deposited the amount of Tariff Rationalization Surcharge in a Fund called the "Tariff Rationalization Fund" to be kept in the Escrow Account maintained at Central Power Purchasing Agency (Guarantee) Limited and utilized exclusively for discharging of determined cost of power producers. The Tariff Rationalization Surcharge shall be considered as a cost incurred by FESCO and included in the tariff determined by NEPRA.

3. Provided further that in pursuance of sub-section (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), the Federal Government is pleased to notify that there shall be levied with immediate effect a surcharge namely, "Financing Cost Surcharge" at the rate and categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by FESCO, during each of the billing month. FESCO shall deposited the amount of Financing Cost Surcharge in a Fund called the "Financing Cost Fund" to be kept in the Escrow Account maintained at Central Power Purchasing Agency (Guarantee) Limited for the exclusive use of discharging the financing cost of various loans obtained to discharge liabilities of power producers against the sovereign guarantees of the Government of Pakistan. The Financing Cost Surcharge shall be considered as a cost incurred by FESCO and included in the tariff determined by NEPRA.

4. Provided further that there shall be levied till the 30th June, 2018, Neelum-Jhelum Surcharge at the rate and categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by FESCO, during each of the billing month and such surcharge shall be deposited in a Fund called the "Neelum-Jhelum Hydro Power Development Fund" to be kept in the Escrow Account of the Neelum-Jhelum Company for exclusive use for the Neelum-Jhelum Hydro Power Project.



Sr. No.	TARIFF CATEGORY / PARTICULARS	Fixed Charges Rs/kW/M	VARIABLE CHARGES Rs/kWh	PTA 2016 Rs/kWh	Write-off Charges Rs/kWh	PTA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation			
								Subsidy		Surcharge	
								Fixed Charges Rs/kW/M	VARIABLE CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh
D-1(a)	SCARP less than 5 kW	-	11.51	(1.04)	0.01	1.75	12.33	-	0.33	-	-
D-2 (a)	Agricultural Tube Wells	250.00	11.61	(1.04)	0.01	1.75	12.33	-	0.83	-	-
D-1(b)	SCARP 5 kW & above Agricultural 5 kW & above	200.00	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak
			18.51	7.64	(1.04)	0.01	1.75	16.23	8.38	1.23	-
D-2 (b)		200.00	18.51	7.64	(1.04)	0.01	1.75	16.23	8.38	1.23	-

In addition to above mentioned subsidy on variable charges, the fixed charges applicable to private agriculture consumers under tariff D-2 and D-1 (b) is also picked by GoP as Subsidy.

Under this tariff, there shall be minimum monthly charges Rs.1000/- per consumer per month, even if no energy is consumed.

Note: The consumers having sanctioned load less than 5 kW can opt for TOU metering.

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	Fixed Charges Rs/kW/M	VARIABLE CHARGES Rs/kWh	PTA 2016 Rs/kWh	Write-off Charges Rs/kWh	PTA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation			
								Subsidy		Surcharge	
								Fixed Charges Rs/kW/M	VARIABLE CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh
E-1(i)	Residential Supply	-	15.79	(1.04)	0.01	1.75	16.51	-	-	-	5.75
E-1(ii)	Commercial Supply	-	15.79	(1.04)	0.01	1.75	16.51	-	-	-	5.84
E-2	Industrial Supply	-	15.79	(1.04)	0.01	1.75	16.51	-	-	-	3.34

For the categories of E-1(ii) above, the minimum bill of the consumers shall be Rs. 50/- per day subject to a minimum of Rs.500/- for the entire period of supply, even if no energy is consumed.

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

125% of relevant industrial tariff

Note: Tariff-F consumers will have the option to convert to Regular Tariff and vice versa. This option can be exercised at the time of a new connection or at the beginning of the season. Once exercised, the option remains in force for at least one year.

Sr. No.	TARIFF CATEGORY / PARTICULARS	Fixed Charges Rs/kW/M	VARIABLE CHARGES Rs/kWh	PTA 2016 Rs/kWh	Write-off Charges Rs/kWh	PTA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation			
								Subsidy		Surcharge	
								Fixed Charges Rs/kW/M	VARIABLE CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh
	Street Lighting	-	11.54	(1.04)	0.01	1.75	12.26	-	-	-	2.74

Under Tariff G, there shall be a minimum monthly charge of Rs.500/- per month per kW of lamp capacity installed.

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	Fixed Charges Rs/kW/M	VARIABLE CHARGES Rs/kWh	PTA 2016 Rs/kWh	Write-off Charges Rs/kWh	PTA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation			
								Subsidy		Surcharge	
								Fixed Charges Rs/kW/M	VARIABLE CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh
	Residential Colonies attached to Industrial	-	11.54	(1.04)	0.01	1.75	12.26	-	-	-	2.74

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	PTA 2016 Rs/kWh	Write-off Charges Rs/kWh	PTA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation			
								Subsidy		Surcharge	
								FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh
J-1	For supply at 66 kV & above and having sanctioned load of 20MW & above	360.00	11.51	(1.04)	0.01	1.75	12.23	-	-	-	-
J-2	(a) For supply at 11.33 kV (b) For supply at 66 kV & above	360.00	11.51	(1.04)	0.01	1.75	12.23	-	-	-	-
			11.51	(1.04)	0.01	1.75	12.23	-	-	-	-
J-3	(a) For supply at 11.33 kV (b) For supply at 66 kV & above	360.00	11.51	(1.04)	0.01	1.75	12.23	-	-	-	-
			11.51	(1.04)	0.01	1.75	12.23	-	-	-	-
J-1(b)	Time Of Use For supply at 66 kV & above and having sanctioned load of 20MW & above	360.00	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak
			15.51	7.44	(1.04)	0.01	1.75	14.23	8.16	1.23	-
J-2 (a)	For supply at 11.33 kV For supply at 66 kV & above	360.00	15.51	7.44	(1.04)	0.01	1.75	14.23	8.26	1.16	-
			15.51	7.44	(1.04)	0.01	1.75	14.23	8.26	1.16	-
J-3 (a)	For supply at 11.33 kV For supply at 66 kV & above	360.00	15.51	7.44	(1.04)	0.01	1.75	14.23	8.16	1.16	-
			15.51	7.44	(1.04)	0.01	1.75	14.23	8.16	1.16	-

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

Note:  
"Peak/Off-Peak Surcharge" at the rate of Rs. 0.10/kWh applicable on all electricity consumers except lifeline domestic consumers of the category "Residential A-1" for electricity sold.  
"Financing Cost Surcharge" at the rate of Rs. 0.02/kWh applicable on all the electricity consumers except lifeline domestic consumers of the category "Residential A-1" for electricity sold.

1. ORDER

- I. Faisalabad Electric Supply Company Limited (FESCO) is allowed to charge its consumers such tariff as set out in the schedule of tariff for FESCO annexed to the determination.
- II. The actual variation in fuel cost component of power purchase price against the reference fuel cost component shall be adjusted on monthly basis without taking into account the T&D losses. The monthly fuel price adjustment shall be based on the actual information submitted by CPPA (G), adjustment of remaining components of PPP will be adjusted biannually. Here it is pertinent to mention that while making biannual adjustments of the PPP, the Authority may rationalize the SoT accordingly.

- III. FESCO is allowed to charge the users of its system a "Use of system charge" (UOSC) equal to:

- i) Where only 132 kV system is involved

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.02)} \times AFI(T) \quad \text{Paisa/kWh}$$

- ii) Where only 11 kV distribution systems is involved.

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.069)} \times AFI(D) \quad \text{Paisa/kWh}$$

- iii) Where both 132 kV and 11 kV distribution systems are involved.

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.089)} \times AFI(TD) \quad \text{Paisa/kWh}$$

Where:

Gross Distribution Margin for FY 2015-16 is set at Rs.1.49/kWh (without excluding impact of other income)

'L' is the overall percentage loss assessment for the respective year.

AFI (T) = Adjustment factor for investment at 132 kV level i.e. 29%

AFI (D) = Adjustment factor for investment at 11 kV level i.e. 21%.

AFI (TD) = Adjustment factor for investment at both 132 kV & 11 kV level i.e. 52%.

- IV. The residential consumers will be given the benefit of only one previous slab.



AFI (TD) = Adjustment factor for investment at both 132 kV & 11 kV level i.e. 52%.

- IV. The residential consumers will be given the benefit of only one previous slab.
- V. FESCO is hereby allowed the T&D losses of 10.24% for the FY 2015-16 and the following target of T&D losses for the tariff control period;

Year	2015-16	2016-17	2017-18	2018-19	2019-20
Transmission Losses	1.85%	1.81%	1.77%	1.67%	1.57%
Distribution Losses	8.39%	8.29%	7.99%	7.67%	7.27%
T&D losses target	10.24%	10.10%	9.76%	9.34%	8.84%

- VI. FESCO is hereby allowed a total investment of Rs. 44,625 million, including Rs.13,060 million from consumer financing, as given hereunder. Detail attached as Annexure-VII;

Description	2015-16	2016-17	2017-18	2018-19	2019-20	Total
STG	2828	3252	2722	2616	1637	13056
Distribution (Expansion & Rehabilitation)	994	1210	1443	1670	1993	7309
Vehicles and Tools & Plants	254	269	240	218	199	1180
Civil Works	380	382	344	146	148	1400
ERP Implementation	300	0	0	0	0	300
ELR & Commercial Improvement	42	525	525	900	1200	3192
Sub-Total	4798	5638	5274	5550	5177	26437
ADB Funded	4,214	914	0	0	0	5,128
Total	9,012	6,552	5,274	5,550	5,177	31,565
Consumer Financing	2,072	2,251	2,583	2,867	3,287	13,060
GRAND TOTAL	11,084	8,803	7,857	8,417	8,464	44,625

- VII. Tariff under Colum 'A' and 'D' of Annex-III shall remain applicable for one year from the date of notification. Colum 'C' of Annex-III shall cease to exist after one year and only Colum 'A' and 'B' of Annex-III would remain applicable till the same is superseded by next notification.

- VIII. The Authority hereby determines and approves the following component wise cost & its adjustments mechanism in the matter of FESCO for the FY 2015-16.

TARIFF COMPONENT	Assessed Cost FY 2015-16	ADJUSTMENTS/ INDEXATION	TIME LINES
POWER PURCHASE PRICE			
Energy Purchase Price			
Fuel Cost	62,823	Monthly, as per the approved	Data to be provided by

		mechanism.	CPPA (G) by 3 <sup>rd</sup> of close of the month
Variable O&M	3,483	Biannually, as per the approved mechanism.	Request to be furnished by the FESCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
Capacity Charges	29,704	Biannually, as per the approved mechanism.	Request to be furnished by the FESCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
Use of System Charges	3,775	Biannually, as per the approved mechanism.	Request to be furnished by the FESCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
T&D Losses	10.24%	Biannually, as per the approved mechanism.	Request to be furnished by the FESCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
NET DISTRIBUTION MARGIN	11,937		
O&M Cost			
Salaries, wages & other benefits	5,936	Annually, as per Annex-VI	Request to be submitted by FESCO by 7 <sup>th</sup> July every year.
Post-Retirement benefits	3,242	As per the decision	
Repair and Maintenance	576	Annually, as per Annex-VI	Request to be submitted by FESCO by 7 <sup>th</sup> July every year.
Other operating expenses	1,074	Annually, as per Annex-VI	Request to be submitted by FESCO by 7 <sup>th</sup> July every year.
Depreciation	1,905	Annually, as per Annex-VI	Request to be submitted by FESCO by 7 <sup>th</sup> July every year.
Return on Rate Base	2,522	Annually, as per Annex-VI	
Other Income	(3,318)	Annually, as per Annex-VI	
Prior Year Adjustment	(10,295)	Annually, as per existing Mechanism	
Provisional Write Offs	161		
KIBOR Spread	2.75%	Annually, as per decision	
KIBOR (In case of foreign financing the Authority may allow the adjustment of LIBOR)	7.01%	Bi-Annually, as per the decision.	/

Order

- I. Based on the above assessment, the Authority hereby determines the following adjustments on account of PPP (*including impact of T&D losses on FCA*) and Prior Year Adjustments for the FY 2016-17;

		FY 2016-17
Description		FESCO
		Mln. Rs.
A: Power Purchase Price (PPP) Adjustment		
	PPP cost billed by CPPA-G	117,096
Less;	PPP cost disallowed by the Authority	(2,173)
	Net PPP cost to be charged to consumers	114,922
Less;	PPP Recovered through notified Tariff	105,835
	Under recovered PPP Cost, to be recovered from the consumers	9,087
B: Prior Year Adjustment (PYA)		
	PYA to be recovered / (passed on) as per re-determination Sep. 18, 2017	(10,295)
Less;	PYA recovered / (Passed on) during FY 2016-17	(22,163)
	Over Paid PYA to be recovered from the consumers	11,868
C: Impact of Negative Monthly FCA's		
	Negative FCA Retained ( <i>Life Line, Agri and Domestic Consumers upto 300 units</i> )	(13,932)
Less;	Net Subsidy, if any	-
	FCA amount to be passed on to the consumers	(13,932)
Total Adjustment = A+B+C		7,023

- II. The Impact of negative PYA amount of Rs.10,295 million already built in the FESCO's re-determination dated September 18, 2017, shall be replaced with the aforementioned amount of Rs.7,023 million, thus resulting in overall adjustment of Rs.17,318 million in the consumer-end tariff of FESCO.
- III. After incorporating the above amount in the Authority's re-determination dated September 18, 2017, in the matter of the GoP's reconsideration request for FESCO, the Estimated Sales Revenue and Schedule of Tariff (SoT) have been revised and are attached as Annex-II and Annex-III respectively to this decision, which will supersede the earlier estimated sales revenue and SoT attached with the Authority's redetermination dated September 18, 2017, in the matter of GoP's Reconsideration request for FESCO. Remaining annexures would remain the same.

- IV. Tariff under Colum A and F of Annex-III shall remain applicable for one year from the date of notification. Colum C, D, E and F of Annex-III shall cease to exist after one year and only Colum A and B of Annex-III shall remain applicable, till the same is superseded by next notification.
- V. The Authority in its redetermination dated September 18, 2017, in the matter of the GoP's reconsideration request prescribed the mechanism for calculation of the quarterly/ biannual adjustments which is attached as Annex-IA with the instant decision.

**FUEL PRICE ADJUSTMENT MECHANISM**

Actual variation in fuel cost component against the reference fuel cost component for the corresponding months will be determined according to the following formula

$$\text{Fuel Price variation} = \text{Actual Fuel Cost Component} - \text{Reference Fuel Cost Component}$$

Where:

Fuel Price variation is the difference between actual and reference fuel cost component

Actual fuel cost component is the fuel cost component in the pool price on which the DISCOs will be charged by CPPA (G) in a particular month; and

Reference fuel cost component is the fuel cost component for the corresponding month projected for the purpose of tariff determination as per Annex-IV of the determination;

The fuel price adjustment determined by the Authority shall be shown separately in the bill of the consumer and the billing impact shall be worked out on the basis of consumption by the consumer in the respective month.

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### QUARTERLY/BIANNUAL ADJUSTMENT MECHANISM

Quarterly/ Biannual adjustment shall be the Actual variation in Power Purchase Price (PPP), excluding Fuel Cost Component, against the reference Power Purchase Price component and the impact of T&D losses on FCA, for the corresponding months and shall be determined according to the following formula;

$$\text{Quarterly/Biannual PPP}_{(Adj)} = \frac{\text{PPP}_{(Act)} (\text{excluding FCC}) - \text{PPP}_{(Ref)} (\text{excluding FCC})}{(1 - \text{T\&D Loss \%}) - (\text{Life line Consumption \%})}$$

Where;

$\text{PPP}_{(Act)}$  is the actual cost in Rs./kWh, excluding FCC, invoiced by CPPA-G to XWDISCOs, adjusted for any cost disallowed by the Authority.

$\text{PPP}_{(Ref)}$  is the reference cost in Rs./kWh as per the Annex-IV of the XWDISCOs determination that remained notified during the period.

T&D Loss % is percentage of T&D losses that remained notified during the period.

Quarterly/Biannual impact of T&D losses on FCA<sub>(Adj)</sub>

$$= \left[ \frac{\text{FCA}_{(Allowed)}}{(1 - \text{T\&D Loss \%}) - (\text{Life line Consumption \%})} \right] - \text{FCA}_{(Allowed)}$$

Where;

$\text{FCA}_{(allowed)}$  is the FCA allowed by the Authority for the respective months of the concerned period.

T&D Loss % is percentage of T&D losses that remained notified during the period.

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**Faisalabad Electric Supply Company (FESCO)**  
**Estimated Sales Revenue on the Basis of New Tariff**

Description	Sales		Revenue			Base Tariff		PYA 2016		Write off		PYA 2017		Total Tariff	
	GWh	% Mix	Fixed Charge	Variable Charge	Total	Fixed Charge	Variable Charge	Amount	Variable Charge	Amount	Variable Charge	Amount	Variable Charge	Fixed Charge	Variable Charge
			Min. Rs.	Rs./kWh	Rs./kWh	Min. Rs.	Rs./kWh	Min. Rs.	Rs./kWh	Min. Rs.	Rs./kWh	Min. Rs.	Rs./kWh	Rs./kWh	Rs./kWh
<b>Residential</b>															
Up to 50 Units	293	2.87%	-	1,172	1,172	-	4.00	-	-	-	-	-	-	-	4
For peak load requirement less than 5 kW															
01-100 Units	1958	19.17%	-	19,553	19,553	-	9.99	(2,032)	(1.04)	39	0.02	3,426	1.75	-	10
101-200 Units	859	8.42%	-	11,588	11,588	-	13.49	(892)	(1.04)	26	0.03	1,504	1.75	-	14
201-300 Units	966	9.46%	-	13,746	13,746	-	14.24	(1,002)	(1.04)	29	0.03	1,670	1.75	-	14
301-700 Units	491	4.81%	-	7,212	7,212	-	14.69	(510)	(1.04)	15	0.03	845	1.75	-	15
Above 700 Units	108	1.05%	-	1,699	1,699	-	15.79	(112)	(1.04)	3	0.03	186	1.75	-	16
For peak load requirement exceeding 5 kW															
Time of Use (TOU) - Peak	14	0.13%	-	218	218	-	15.79	(14)	(1.04)	0	0.01	24	1.75	-	18
Time of Use (TOU) - Off-Peak	64	0.63%	-	557	557	-	8.64	(67)	(1.04)	1	0.01	113	1.75	-	9
Temporary Supply	0	0.00%	-	4	4	-	15.79	(0)	(1.04)	0	0.01	0	1.75	-	16
<b>Total Residential</b>	<b>4,752</b>	<b>46.55%</b>	<b>-</b>	<b>55,747</b>	<b>55,747</b>	<b>-</b>	<b>(4,630)</b>	<b>113</b>	<b>7,766</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Commercial - A2</b>															
For peak load requirement less than 5 kW	301	2.95%	-	4,418	4,418	-	14.69	(312)	(1.04)	3	0.01	526	1.75	-	15
For peak load requirement exceeding 5 kW															
Regular	3	0.03%	7	42	49	400	14.54	(3)	(1.04)	0	0.01	5	1.75	400	15
Time of Use (TOU) - Peak	40	0.39%	-	625	625	-	15.79	(41)	(1.04)	0	0.01	69	1.75	-	16
Time of Use (TOU) - Off-Peak	182	1.78%	456	1,573	2,028	400	8.64	(189)	(1.04)	2	0.01	318	1.75	400	9
Temporary Supply	11	0.11%	-	179	179	-	15.79	(12)	(1.04)	0	0.01	20	1.75	-	16
<b>Total Commercial</b>	<b>537</b>	<b>5.26%</b>	<b>462</b>	<b>6,636</b>	<b>7,300</b>	<b>-</b>	<b>(557)</b>	<b>5</b>	<b>939</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>General Services-A3</b>															
	41	0.40%	-	543	543	-	13.29	(42)	(1.04)	0	0.01	71	1.75	-	14
<b>Industrial</b>															
B1	109	1.07%	-	1,286	1,286	-	11.81	(113)	(1.04)	1	0.01	191	1.75	-	12
B1 Peak	43	0.43%	-	674	674	-	15.51	(45)	(1.04)	0	0.01	76	1.75	-	16
B1 Off Peak	266	2.61%	-	2,063	2,063	-	7.74	(277)	(1.04)	3	0.01	466	1.75	-	8
B2	13	0.13%	-	152	169	400	11.31	(14)	(1.04)	0	0.01	24	1.75	400	12
B2 - TOU (Peak)	210	2.06%	-	3,261	3,261	-	15.51	(218)	(1.04)	2	0.01	368	1.75	-	16
B2 - TOU (Off-peak)	1375	13.47%	2,303	10,506	12,809	400	7.64	(1,427)	(1.04)	14	0.01	2,406	1.75	400	8
B3 - TOU (Peak)	107	1.04%	-	1,655	1,655	-	15.51	(111)	(1.04)	1	0.01	187	1.75	-	16
B3 - TOU (Off-peak)	1006	9.65%	1,143	7,567	8,730	380	7.54	(1,044)	(1.04)	10	0.01	1,761	1.75	380	8
B4 - TOU (Peak)	79	0.78%	-	1,230	1,230	-	15.51	(82)	(1.04)	1	0.01	139	1.75	-	18
B4 - TOU (Off-peak)	559	5.48%	528	4,161	4,689	360	7.44	(580)	(1.04)	6	0.01	979	1.75	360	8
Temporary Supply	0	0.00%	-	2	2	-	15.79	(0)	(1.04)	0	0.01	0	1.75	-	16
<b>Total Industrial</b>	<b>3,769</b>	<b>36.91%</b>	<b>3,990</b>	<b>32,577</b>	<b>36,568</b>	<b>-</b>	<b>(3,912)</b>	<b>38</b>	<b>6,595</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Single Point Supply for further distribution</b>															
C1(a) Supply at 400 Volts-less than 5 kW	0	0.00%	-	2	2	-	12.31	(0)	(1.04)	0	0.01	0	1.75	-	13
C1(b) Supply at 400 Volts-exceeding 5 kW	2	0.02%	4	19	23	400	11.81	(2)	(1.04)	0	0.01	3	1.75	400	12
Time of Use (TOU) - Peak	3	0.03%	-	43	43	-	15.51	(3)	(1.04)	0	0.01	5	1.75	-	16
Time of Use (TOU) - Off-Peak	13	0.12%	25	98	122	400	7.74	(13)	(1.04)	0	0.01	22	1.75	400	8
C2 Supply at 11 kV	4	0.04%	4	48	50	380	11.81	(4)	(1.04)	0	0.01	7	1.75	380	12
Time of Use (TOU) - Peak	17	0.17%	-	263	263	-	15.51	(18)	(1.04)	0	0.01	30	1.75	-	16
Time of Use (TOU) - Off-Peak	87	0.86%	104	659	763	380	7.54	(91)	(1.04)	1	0.01	153	1.75	380	8
C3 Supply above 11 kV	20	0.20%	40	235	274	380	11.51	(21)	(1.04)	0	0.01	36	1.75	380	12
Time of Use (TOU) - Peak	33	0.32%	-	509	509	-	15.51	(34)	(1.04)	0	0.01	57	1.75	-	16
Time of Use (TOU) - Off-Peak	165	1.61%	121	1,225	1,345	360	7.44	(171)	(1.04)	2	0.01	288	1.75	360	8
<b>Total Single Point Supply</b>	<b>343</b>	<b>3.36%</b>	<b>297</b>	<b>3,099</b>	<b>3,395</b>	<b>-</b>	<b>(356)</b>	<b>3</b>	<b>601</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Agricultural Tube-wells - Tariff D</b>															
Scarp	11	0.11%	-	128	128	-	11.81	(11)	(1.04)	0	0.01	19	1.75	-	12
Time of Use (TOU) - Peak	3	0.03%	-	51	51	-	15.51	(3)	(1.04)	0	0.01	6	1.75	-	16
Time of Use (TOU) - Off-Peak	32	0.31%	35	243	278	200	7.64	(33)	(1.04)	0	0.01	56	1.75	200	8
Agricultural Tube-wells	5	0.05%	7	63	71	200	11.61	(6)	(1.04)	0	0.01	10	1.75	200	12
Time of Use (TOU) - Peak	118	1.16%	-	1,833	1,833	-	15.51	(123)	(1.04)	1	0.01	207	1.75	-	16
Time of Use (TOU) - Off-Peak	586	5.74%	1,191	4,480	5,670	200	7.64	(609)	(1.04)	8	0.01	1,026	1.75	200	8
<b>Total Agricultural</b>	<b>756</b>	<b>7.40%</b>	<b>1,233</b>	<b>6,797</b>	<b>6,030</b>	<b>-</b>	<b>(785)</b>	<b>8</b>	<b>1,323</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Public Lighting - Tariff G</b>															
	8	0.08%	-	89	89	-	11.54	(8)	(1.04)	0	0.01	13	1.75	-	12
<b>Tariff H - Residential Colonies attached to industries</b>															
	5	0.04%	-	52	52	-	11.54	(5)	(1.04)	0	0.01	8	1.75	-	12
<b>Sub-Total</b>	<b>12</b>	<b>0.12%</b>	<b>-</b>	<b>141</b>	<b>141</b>	<b>-</b>	<b>(13)</b>	<b>0</b>	<b>21</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Special Contract - Tariff-J</b>															
J-1 For Supply at 66 kV & above	-	0.00%	-	-	-	360	11.51	-	(1.04)	-	0.01	-	1.75	360	12
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	15.51	-	(1.04)	-	0.01	-	1.75	-	16
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	360	7.44	-	(1.04)	-	0.01	-	1.75	360	8
J-2 (a) For Supply at 11, 33 kV	-	0.00%	-	-	-	380	11.61	-	(1.04)	-	0.01	-	1.75	380	12
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	15.51	-	(1.04)	-	0.01	-	1.75	-	18
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	380	7.54	-	(1.04)	-	0.01	-	1.75	380	8
J-2 (b) For Supply at 66 kV & above	-	0.00%	-	-	-	360	11.51	-	(1.04)	-	0.01	-	1.75	360	12
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	15.51	-	(1.04)	-	0.01	-	1.75	-	16
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	360	7.44	-	(1.04)	-	0.01	-	1.75	360	8
J-3 (a) For Supply at 11, 33 kV	-	0.00%	-	-	-	380	11.81	-	(1.04)	-	0.01	-	1.75	380	12
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	15.51	-	(1.04)	-	0.01	-	1.75	-	16
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	380	7.54	-	(1.04)	-	0.01	-	1.75	380	8
J-3 (b) For Supply at 66 kV & above	-	0.00%	-	-	-	360	11.51	-	(1.04)	-	0.01	-	1.75	360	12
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	15.51	-	(1.04)	-	0.01	-	1.75	-	16
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	360	7.44	-	(1.04)	-	0.01	-	1.75	360	8
<b>Total Revenue</b>	<b>10,210</b>	<b>100.00%</b>	<b>5,983</b>	<b>105,741</b>	<b>111,722</b>	<b>-</b>	<b>(10,295)</b>	<b>161</b>	<b>17,318</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

Tariff mentioned under Column "Total Tariff" shall remain applicable for a period of one year from the date of notification. After one year PYA 2016, Write-off and PYA 2017 shall cease to exist and only tariff mentioned under Column "Base Tariff" shall remain applicable till the same is superseded by next notification.

## FESCO Power Purchase Price

Name	July	August	September	October	November	December	January	February	March	April	May	June	Total
Units Purchased by DISCOs (GWh)	1,083	1,140	1,049	1,014	892	810	685	789	805	844	1,119	1,144	11,374
kWh													
Fuel Cost Component	4.9811	4.7552	5.1217	5.2366	5.0497	5.8619	7.1241	5.7493	6.6429	6.7227	5.2908	4.9927	5.523
Variable O & M	0.2727	0.2678	0.2825	0.2891	0.2916	0.3337	0.3711	0.3234	0.3467	0.3577	0.3050	0.2891	0.306
CpGenCap	2.2472	2.0947	2.3052	2.3559	2.3750	3.0573	3.4998	2.9262	3.3620	2.9079	2.6889	2.2761	2.611
USCF	0.2839	0.2830	0.3164	0.3141	0.3307	0.3785	0.4017	0.3785	0.3846	0.3754	0.3071	0.3052	0.3319
Total PPP in Rs. /kWh	7.7848	7.4006	8.0258	8.1956	8.0470	9.6313	11.3967	9.3774	10.7361	10.3636	8.5919	7.8630	8.7727

Rs in Million

Fuel Cost Component	5,394	5,423	5,372	5,312	4,503	4,751	4,880	4,539	5,346	5,673	5,919	5,711	62,823
Variable O & M	295	305	296	293	260	270	254	255	279	302	341	331	3,483
CpGenCap	2,433	2,389	2,418	2,390	2,118	2,478	2,397	2,310	2,706	2,454	3,008	2,604	29,704
USCF	307	323	332	319	295	307	275	299	310	317	344	349	3,775
PPP	8,430	8,439	8,419	8,313	7,176	7,805	7,806	7,403	8,641	8,745	9,613	8,995	99,785

*It is clarified that PPP is pass through for all the DISCOs and its monthly references would continue to exist irrespective of the financial year, unless the new SOT is revised and notified by the GOP*



**TERMS AND CONDITIONS OF TARIFF  
(FOR SUPPLY OF ELECTRIC POWER TO CONSUMERS BY DISTRIBUTION  
LICENSEES)**

**PART-I**

**GENERAL DEFINITIONS**

The Company, for the purposes of these terms and conditions means Faisalabad Electric Supply Company (FESCO) engaged in the business of distribution of electricity within the territory mentioned in the licence granted to it for this purpose.

1. "Month or Billing Period", unless otherwise defined for any particular tariff category, means a billing month of 30 days or less reckoned from the date of last meter reading.
2. "Minimum Charge", means a charge to recover the costs for providing customer service to consumers even if no energy is consumed during the month.
3. "Fixed Charge" means the part of sale rate in a two-part tariff to be recovered on the basis of "Billing Demand" in kilowatt on monthly basis.
4. "Billing Demand" means the highest of maximum demand recorded in a month except in the case of agriculture tariff D2 where "Billing Demand" shall mean the sanctioned load.
5. "Variable Charge" means the sale rate per kilowatt-hour (kWh) as a single rate or part of a two-part tariff applicable to the actual kWh consumed by the consumer during a billing period.
6. "Maximum Demand" where applicable, means the maximum of the demand obtained in any month measured over successive periods each of 30 minutes' duration except in the case of consumption related to Arc Furnaces, where "Maximum Demand" shall mean the maximum of the demand obtained in any month measured over successive periods each of 15 minutes' duration.
7. "Sanctioned Load" where applicable means the load in kilowatt as applied for by the consumer and allowed/authorized by the Company for usage by the consumer.
8. "Power Factor" means the ratio of kWh to KVAh recorded during the month or the ratio of kWh to the square root of sum of square of kWh and kVARh.
9. Point of supply means metering point where electricity is delivered to the consumer.
10. Peak and Off Peak hours for the application of Time Of Use (TOU) Tariff shall be the following time periods in a day:

	<u>* PEAK TIMING</u>	<u>OFF-PEAK TIMING</u>
Dec to Feb (inclusive) day	5 PM to 9 PM	Remaining 20 hours of the
Mar to May (inclusive)	6 PM to 10 PM	-do-
June to Aug (inclusive)	7 PM to 11 PM	-do-
Sept to Nov (inclusive)	6 PM to 10 PM	-do-

\* To be duly adjusted in case of day light time saving

11. "Supply", means the supply for single-phase/three-phase appliances inclusive of both general and motive loads subject to the conditions that in case of connected or sanctioned load exceeding 4 kW supply shall be given at three-phase.

12. "Consumer" means a person or his successor-in-interest as defined under Section 2(iv) of the Regulation of Generation, Transmission and Distribution of Electric Power Act (XL of 1997).
13. "Charitable Institution" means an institution, which works for the general welfare of the public on no profit basis and is registered with the Federal or Provincial Government as such and has been issued tax exemption certificate by Federal Board of Revenue (FBR).
14. NTDC means the National Transmission and Dispatch Company.
15. CPPA(G) means Central Power Purchasing Agency Guarantee Limited (CPPA)(G).
16. The "Authority" means "The National Electric Power Regulatory Authority (NEPRA)" constituted under the Regulation of Generation, Transmission and Distribution of Electric Power Act (XL of 1997).

#### **GENERAL CONDITIONS**

1. "The Company shall render bills to the consumers on a monthly basis or less on the specific request of a consumer for payment by the due date.
2. The Company shall ensure that bills are delivered to consumers at least seven days before the due date. If any bill is not paid by the consumer in full within the due date, a Late Payment Charge of 10% (ten percent) shall be levied on the amount billed excluding Govt. tax and duties etc. In case bill is not served at least seven days before the due date then late payment surcharge will be levied after 7<sup>th</sup> day from the date of delivery of bill.
3. The supply provided to the consumers shall not be available for resale.
4. In the case of two-part tariff average Power Factor of a consumer at the point of supply shall not be less than 90%. In the event of the said Power factor falling below 90%, the consumer shall pay a penalty of two percent increase in the fixed charges determined with reference to maximum demand during the month corresponding to one percent decrease in the power factor below 90%.

## PART-II

(Definitions and Conditions for supply of power specific to each consumer category)

### A-1 RESIDENTIAL

#### Definition

"Life Line Consumer" means those residential consumers having single phase electric connection with a sanctioned load up to 1 kW.

At any point of time, if the floating average of last six months' consumption exceed 50 units, then the said consumer would not be classified as life line for the billing month even if its consumption is less than 50 units. For the purpose of calculating floating average, the consumption charged as detection billing would also be included.

1. This Tariff is applicable for supply to;
  - i) Residences,
  - ii) Places of worship,
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. A-1(a) tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and shall be billed on the basis of tariff A-1(b) as set out in the Schedule of Tariff.
4. All existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and converted to A- 1(b) Tariff by the Company.

### A-2 COMMERCIAL

1. This tariff is applicable for supply to commercial offices and commercial establishments such as:
  - i) Shops,
  - ii) Hotels and Restaurants,
  - iii) Petrol Pumps and Service Stations,
  - iv) Compressed Natural Gas filling stations,
  - v) Private Hospitals/Clinics/Dispensaries,
  - vi) Places of Entertainment, Cinemas, Theaters, Clubs;
  - vii) Guest Houses/Rest Houses,
  - viii) Office of Lawyers, Solicitors, Law Associates and Consultants etc.
2. Consumers under tariff A-2 having sanctioned load of less than 5 kW shall be billed under a Single-Part kWh rate A-2(a)
3. All existing consumers under tariff A-2 having sanctioned load 5 kW and above shall be billed on A-2(b) tariff till such time that they are provided T.O.U metering arrangement; thereafter such consumers shall be billed on T.O.U tariff A-2(c).
4. The existing and prospective consumers having load of 5 kW and above can opt for T.O.U metering arrangement and A-2(c) tariff.
5. All existing consumers under tariff A-2 shall be provided T.O.U metering arrangement by the Company and convert it to-A-2 (c) Tariff.
6. All new connections having load requirement 5 kW and above shall be provided T.O.U meters and shall be billed under tariff A-2(c).

### **A-3 GENERAL SERVICES**

1. This tariff is applicable to;
  - i. Approved religious and charitable institutions
  - ii. Government and Semi-Government offices and Institutions
  - iii. Government Hospitals and dispensaries
  - iv. Educational institutions
  - v. Water Supply schemes including water pumps and tube wells operating on three phase 400 volts other than those meant for the irrigation or reclamation of Agriculture land.
1. Consumers under General Services (A-3) shall be billed on single-part kWh rate i.e. A-3(a) tariff.

### **B INDUSTRIAL SUPPLY**

#### **Definitions**

1. "Industrial Supply" means the supply for bona fide industrial purposes in factories including the supply required for the offices and for normal working of the industry.
2. For the purposes of application of this tariff an "Industry" means a bona fide undertaking or establishment engaged in manufacturing, value addition and/or processing of goods.
3. This Tariff shall also be available for consumers having single-metering arrangement such as;
  - i) Poultry Farms
  - ii) Fish Hatcheries and Breeding Farms and
  - iii) Software houses

#### **Conditions**

An industrial consumer shall have the option, to switch over to seasonal Tariff-F, provided his connection is seasonal in nature as defined under Tariff-F, and he undertakes to abide by the terms and conditions of Tariff-F and pays the difference of security deposit rates previously deposited and those applicable to tariff-F at the time of acceptance of option for seasonal tariff. Seasonal tariff will be applicable from the date of commencement of the season, as specified by the customers at the time of submitting the option for Tariff-F. Tariff-F consumers will have the option to convert to corresponding Regular Industrial Tariff category and vice versa. This option can be exercised at the time of obtaining a new connection or at the beginning of the season. Once exercised, the option will remain in force for at least one year.

#### **B-1 SUPPLY AT 400 VOLTS THREEPHASE AND/OR 230 VOLTS SINGLE PHASE**

1. This tariff is applicable for supply to Industries having sanctioned load upto a 25 kW.
2. Consumers having sanctioned load less than 25 kW shall be billed on single-part kWh rate.
3. All existing consumers under tariff B-1 shall be provided T.O.U metering arrangement by the Company and convert it to-B1 (b) Tariff.

#### **B-2 SUPPLY AT 400 VOLTS**

1. This tariff is applicable for supply to Industries having sanctioned load of more than 25 kW up to and including 500 kW.

2. All existing consumers under tariff B-2 shall be provided T.O.U metering arrangement by the Company and converted to B-2(b) Tariff.
3. All new applicants i.e. prospective consumers applying for service to the Company shall be provided T.O.U metering arrangement and charged according to the applicable T.O.U tariff.

#### **B-3 SUPPLY AT 11 kV AND 33 kV**

1. This tariff is applicable for supply to Industries having sanctioned load of more than 500 kW up to and including 5000 kW and also for Industries having sanctioned load of 500 kW or below who opt for receiving supply at 11 kV or 33 kV.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. The supply under this Tariff shall not be available to a prospective consumer unless he provides, to the satisfaction and approval of the Company, his own Transformer, Circuit Breakers and other necessary equipment as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively pays to the Company for all apparatus and equipment if so provided and installed by the Company. The recovery of the cost of service connection shall be regulated by the NEPRA eligibility criteria.
4. All B-3 Industrial Consumers shall be billed on the basis of T.O.U tariff given in the Schedule of Tariff.

#### **B-4 SUPPLY AT 66 kV, 132 kV AND ABOVE**

1. This tariff is applicable for supply to Industries for all loads of more than 5000 kW receiving supply at 66 kV, 132 kV and above and also for Industries having load of 5000 kW or below who opt to receive supply at 66 kV or 132 kV and above.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. If the Grid Station required for provision of supply falls within the purview of the dedicated system under the NEPRA Eligibility Criteria, the supply under this Tariff shall not be available to such a prospective consumer unless he provides, to the satisfaction and approval of the Company, an independent grid station of his own including Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively, pays to the Company for all such Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus if so provided and installed by the Company. The recovery of cost of service connection shall be regulated by NEPRA Eligibility Criteria.
4. All B-4 Industrial Consumers shall be billed on the basis of two-part T.O.U tariff.

## **C BULK SUPPLY**

"Bulk Supply" for the purpose of this Tariff, means the supply given at one point for self-consumption not selling to any other consumer such as residential, commercial, tube-well and others.

### **General Conditions**

If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days no notice will be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days the fixed charges shall be assessed on proportionate basis for actual number of days between the date of old reading and the new reading.

### **C-1 SUPPLY AT 400/230 VOLTS**

1. This Tariff is applicable to a consumer having a metering arrangement at 400 volts, having sanctioned load of up to and including 500 kW.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. C-1(a) tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and shall be billed on the basis of Time-of-Use (T.O.U) tariff C-1(c) given in the Schedule of Tariff.
4. All the existing consumers governed by this tariff having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements.

### **C-2 SUPPLY AT 11 kV AND 33 kV**

1. This tariff is applicable to consumers receiving supply at 11 kV or 33 kV at one-point metering arrangement and having sanctioned load of up to and including 5000 kW.
2. The supply under this Tariff shall not be available to a prospective consumer unless he provides, to the satisfaction and approval of the Company, his own Transformer, Circuit Breakers and other necessary equipment as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively pays to the Company for all apparatus and equipment if so provided and installed by the Company. The recovery of the cost of service connection shall be regulated by the NEPRA eligibility criteria.
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff C-2(b) as set out in the Schedule of Tariff.
4. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to C-2(b).

### **C-3 SUPPLY AT 66 kV AND ABOVE**

1. This tariff is applicable to consumers having sanctioned load of more than 5000 kW receiving supply at 66 kV and above.
2. If the Grid Station required for provision of supply falls within the purview of the dedicated system under the NEPRA Eligibility Criteria, the supply under this Tariff shall not be available to such a prospective consumer unless he provides, to the satisfaction and approval of the Company, an independent grid station of his own including Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively, pays to the Company for all such Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus if so provided and installed by the Company. The recovery of cost of service connection shall be regulated by NEPRA Eligibility Criteria.
3. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to C-3(b).
4. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff C-3(b) as set out in the Schedule of Tariff.

## **D AGRICULTURAL SUPPLY**

"Agricultural Supply" means the supply for Lift Irrigation Pumps and/or pumps installed on Tube-wells intended solely for irrigation or reclamation of agricultural land or forests, and include supply for lighting of the tube-well chamber.

### **Special Conditions of Supply**

1. This tariff shall apply to:
  - i) Reclamation and Drainage Operation under Salinity Control and Reclamation Projects (SCARP):
  - ii) Bona fide forests, agricultural tube-wells and lift irrigation pumps for the irrigation of agricultural land.
  - iii) Tube-wells meant for aqua-culture, viz. fish farms, fish hatcheries and fish nurseries.
  - iv) Tube-wells installed in a dairy farm meant for cultivating crops as fodder and for upkeep of cattle.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. The lamps and fans consumption in the residential quarters, if any, attached to the tube-wells shall be charged entirely under Tariff A-1 for which separate metering arrangements should be installed.
4. The supply under this Tariff shall not be available to consumer using pumps for the irrigation of parks, meadows, gardens, orchards, attached to and forming part of the residential, commercial or industrial premises in which case the corresponding Tariff A-1, A-2 or Industrial Tariff B-1, B-2 shall be respectively applicable.

#### **D-1**

1. This tariff is applicable to all Reclamation and Drainage Operation pumping under SCARP related installation having sanctioned load of less than 5 kW.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. D-1(a) tariff given in the Schedule of Tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided TOU metering arrangement and shall be charged on the basis of Time-of- Use (T.O.U)-tariff D-1(b) given in the Schedule of Tariff.
4. All the existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements and shall be governed by D-1(a) till that time.

#### **D-2**

1. This tariff is applicable to consumers falling under Agriculture Supply having sanctioned load less than 5 kW excluding SCARP related installations.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. D-2(a) tariff given in the Schedule of Tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided TOU metering arrangement and shall be charged on the basis of Time-of- Use (T.O.U) tariff D- 2(b) given in the Schedule of Tariff.
4. All the existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements and shall be governed by D-2(a) till that time.

## **E -1 TEMPORARY RESIDENTIAL/COMMERCIAL SUPPLY**

Temporary Residential/Commercial Supply means a supply given to persons temporarily on special occasions such as ceremonial, religious gatherings, festivals, fairs, marriages and other civil or military functions. This also includes supply to touring cinemas and persons engaged in construction works for all kinds of single phase loads. For connected load exceeding 4 kW, supply may be given at 400 volts (3 phase) to allow a balanced distribution of load on the 3 phases. Normally, temporary connections shall be allowed for a period of 3 months which can be extended on three months basis subject to clearance of outstanding dues.

### **Special Conditions of Supply**

1. This tariff shall apply to Residential and Commercial consumers for temporary supply.
2. Ordinarily the supply under this Tariff shall not be given by the Company without first obtaining security equal to the anticipated supply charges and other miscellaneous charges for the period of temporary supply.

## **E -2 TEMPORARY INDUSTRIAL SUPPLY**

"Temporary Industrial Supply" means the supply given to an Industry for the bonafide purposes mentioned under the respective definitions of "Industrial Supply", during the construction phase prior to the commercial operation of the Industrial concern.

### **SPECIAL CONDITIONS OF SUPPLY**

1. Ordinarily the supply under this Tariff shall not be given by the Company without first obtaining security equal to the anticipated supply charges and other miscellaneous charges for the period of temporary supply.
2. Normally, temporary connections shall be allowed for a period of 3 months, which may be extended on three months basis subject to clearance of outstanding dues.

## **F SEASONAL INDUSTRIAL SUPPLY**

"Seasonal Industry" for the purpose of application of this Tariff, means an industry which works only for part of the year to meet demand for goods or services arising during a particular season of the year. However, any seasonal industry running in combination with one or more seasonal industries, against one connection, in a manner that the former works in one season while the latter works in the other season (thus running throughout the year) will not be classified as a seasonal industry for the purpose of the application of this Tariff.

### **Definitions**

1. "Year" means any period comprising twelve consecutive months.
2. All "Definitions" and "Special Conditions of Supply" as laid down under the corresponding Industrial Tariffs shall also form part of this Tariff so far as they may be relevant.

### **Special Conditions of Supply**

1. This tariff is applicable to seasonal industry.
2. Fixed Charges per kilowatt per month under this tariff shall be levied at the rate of 125% of the corresponding regular Industrial Supply Tariff Rates and shall be recovered only for the period that the seasonal industry actually runs subject to minimum period of six consecutive months during any twelve consecutive months. The condition for recovery of Fixed Charges for a minimum period of six months shall not, however, apply to the



seasonal industries, which are connected to the Company's Supply System for the first time during the course of a season.

3. The consumers falling within the purview of this Tariff shall have the option to change over to the corresponding industrial Supply Tariff, provided they undertake to abide by all the conditions and restrictions, which may, from time to time, be prescribed as an integral part of those Tariffs. The consumers under this Tariff will have the option to convert to Regular Tariff and vice versa. This option can be exercised at the time of obtaining a new connection or at the beginning of the season. Once exercised, the option will remain in force for at least one year.
4. All seasonal loads shall be disconnected from the Company's Supply System at the end of the season, specified by the consumer at the time of getting connection, for which the supply is given. In case, however, a consumer requires running the non-seasonal part of his load (e.g., lights, fans, tube-wells, etc.) throughout the year, he shall have to bring out separate circuits for such load so as to enable installation of separate meters for each type of load and charging the same at the relevant Tariff.
5. Where a "Seasonal Supply" consumer does not come forward to have his seasonal industry re-connected with the Company's Supply System in any ensuing season, the service line and equipment belonging to the Company and installed at his premises shall be removed after expiry of 60 days of the date of commencement of season previously specified by the consumer at the time of his obtaining new connection/re-connection. However, at least ten clear days notice in writing under registered post shall be necessary to be given to the consumer before removal of service line and equipment from his premises as aforesaid, to enable him to decide about the retention of connection or otherwise. No Supply Charges shall be recovered from a disconnected seasonal consumer for any season during which he does not come forward to have his seasonal industry re-connected with the Company's Supply System.

#### **G PUBLIC LIGHTING SUPPLY**

"Public Lighting Supply" means the supply for the purpose of illuminating public lamps.

##### **Definitions**

"Month" means a calendar month or a part thereof in excess of 15 days.

##### **Special Conditions of Supply**

The supply under this Tariff shall be used exclusively for public lighting installed on roads or premises used by General Public.

#### **H RESIDENTIAL COLONIES ATTACHED TO INDUSTRIES**

This tariff is applicable for one-point supply to residential colonies attached to the industrial supply consumers having their own distribution facilities.

##### **Definitions**

"One Point Supply" for the purpose of this Tariff, means the supply given by one point to Industrial Supply Consumers for general and domestic consumption in the residential colonies attached to their factory premises for a load of 5 Kilowatts and above. The purpose is further distribution to various persons residing in the attached residential colonies and also for perimeter lighting in the attached residential colonies.

"General and Domestic Consumption", for the purpose of this Tariff, means consumption for lamps, fans, domestic applications, including heated, cookers, radiators, air-conditioners, refrigerators and domestic tube-wells.

“Residential Colony” attached to the Industrial Supply Consumer, means a group of houses annexed with the factory premises constructed solely for residential purpose of the bonafide employees of the factory, the establishment or the factory owners or partners, etc.

#### **Special Conditions of Supply**

The supply under this Tariff shall not be available to persons who meet a part of their requirements from a separate source of supply at their premises.

#### **I. TRACTION**

Supply under this tariff means supply of power in bulk to Railways for Railway traction only.

#### **J. SPECIAL CONTRACTS UNDER NEPRA (SUPPLY OF POWER) REGULATIONS 2015**

Supply for the purpose of this tariff means the supply given at one or more common delivery points;

- i. To a licensee procuring power from FESCO for the purpose of further supply within its respective service territory and jurisdiction.
- ii. To an O&M operator under the O&M Agreement within the meaning of NEPRA (Supply of Power) Regulations 2015 duly approved by the Authority for the purpose of further supply within the service territory and jurisdiction of the FESCO
- iii. To an Authorized agent within the meaning of NEPRA (Supply of Power) Regulations 2015, procuring power from the FESCO for further supply within the service territory and jurisdiction of the FESCO

#### **J-1 SUPPLY TO LICENSEE**

1. This tariff is applicable to a Licensee having sanctioned load of 20 MW and above receiving supply at 66 kV and above.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-1(b).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-1(b) as set out in the Schedule of Tariff.

## SUPPLY UNDER O&M AGREEMENT

### J-2 (a) SUPPLY AT 11 KV AND 33 KV

1. This tariff is applicable to an O&M operator receiving supply at 11 kV or 33 kV under the O&M Agreement duly approved by the Authority.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-2(c).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-2(c) as set out in the Schedule of Tariff.

### J-2 (b) SUPPLY AT 66 KV AND ABOVE

1. This tariff is applicable to an O&M operator receiving supply at 66 kV & above under the O&M Agreement duly approved by the Authority.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-2(d).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-2(d) as set out in the Schedule of Tariff.

## SUPPLY TO AUTHORIZED AGENT

### J-3 (a) SUPPLY AT 11 KV AND 33 KV

1. This tariff is applicable to an authorized agent receiving supply at 11 kV or 33 kV.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-3(c).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-3(c) as set out in the Schedule of Tariff.

### J-3 (b) SUPPLY AT 66 KV AND ABOVE

1. This tariff is applicable to an authorized agent receiving supply at 66 kV & above.
  2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-3(d).
  3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-3(d) as set out in the Schedule of Tariff.
-

## O&amp;M EXPENSE

The O&M part of Distribution Margin shall be indexed with CPI subject to adjustment for efficiency gains (X factor). Accordingly the O&M will be indexed every year according to the following formula:

$$O\&M_{(Rev)} = O\&M_{(Ref)} \times [1 + (\Delta CPI - X)]$$

Where:

$O\&M_{(Rev)}$  = Revised O&M Expense for the Current Year

$O\&M_{(Ref)}$  = Reference O&M Expense for the Reference Year

$\Delta CPI$  = Change in Consumer Price Index published by Pakistan Bureau of Statistics latest available on 1<sup>st</sup> July against the CPI as on 1<sup>st</sup> July of the Reference Year in terms of percentage.

X = Efficiency factor

## RORB

RORB assessment will be made in accordance with the following formula/mechanism:

$$RORB_{(Rev)} = RORB_{(Ref)} \times \frac{RAB_{(Rev)}}{RAB_{(Ref)}}$$

Where:

$RORB_{(Rev)}$  = Revised Return on Rate Base for the Current Year

$RORB_{(Ref)}$  = Reference Return on Rate Base for the Reference

$RAB_{(Rev)}$  = Revised Rate Base for the Current Year

$RAB_{(Ref)}$  = Reference Rate Base for the Reference Year

**DEPRECIATION EXPENSE**

Depreciation expense for future years will be assessed in accordance with the following formula/mechanism:

$$DEP_{(Rev)} = DEP_{(Ref)} \times \frac{GFAIO_{(Rev)}}{GFAIO_{(Ref)}}$$

Where:

- $DEP_{(Rev)}$  = Revised Depreciation Expense for the Current Year  
 $DEP_{(Ref)}$  = Reference Depreciation Expense for the Reference Year  
 $GFAIO_{(Rev)}$  = Revised Gross Fixed Assets in Operation for the Current Year  
 $GFAIO_{(Ref)}$  = Reference Gross Fixed Assets in Operation for the Reference Year
- 

**OTHER INCOME**

Other income will be assessed in accordance with the following formula/mechanism:

$$OI_{(Rev)} = OI_{(1)} + (OI_{(1)} - OI_{(0)})$$

Where:

- $OI_{(Rev)}$  = Revised Other Income for the Current Year  
 $OI_{(1)}$  = Actual Other Income as per latest Financial Statements.  
 $OI_{(0)}$  = Actual/Assessed Other Income used in the previous year.

**A. Target Projects in Next 5 Years:**

A-1 Number of sub-projects under STG is as follows:

**A-1.1 Grid Station Projects to Overcome Overloading and Low Voltage Problems at 132 kV Level:**

S. #	Description	Total No.	Total Capacity (MVA)	2015-16 (Nos.)	2016-17 (Nos.)	2017-18 (Nos.)	2018-19 (Nos.)	2019-20 (Nos.)
<b>1</b>	<b>New</b>							
a)	132 kV	15	719.00	3	4	3	4	1
<b>2</b>	<b>Conversion</b>							
a)	66 to 132 kV	5	81.22	3	1	1	0	0
<b>3</b>	<b>Augmentation</b>							
a)	132 kV	33	459.00	1	10	4	9	9
b)	66 kV	-	13.80	-	-	-	-	-
<b>4</b>	<b>Extension (T/Bay)</b>							
a)	132 kV	13	261.00	2	4	1	1	5
<b>5</b>	<b>Extension (L/Bay)</b>							
a)	132 kV	35	-	13	10	6	4	2
<b>6</b>	<b>Sub-Total</b>	<b>101</b>	<b>1534</b>	<b>22</b>	<b>29</b>	<b>15</b>	<b>18</b>	<b>17</b>

**A-1.2 New Transmission Line Projects to Overcome Power Evacuation Constraints:**

S. #	Description	Total Length (KM)	2015-16 (KM)	2016-17 (KM)	2017-18 (KM)	2018-19 (KM)	2019-20 (KM)
1	132 kV D/C	367.5	68.5	91	100	98	10
2	132 kV SDT	80	31	-	34	-	15
<b>3</b>	<b>Sub-Total</b>	<b>447.5</b>	<b>99.5</b>	<b>91</b>	<b>134</b>	<b>98</b>	<b>25</b>

**A-1.3 2<sup>nd</sup> Circuit Stringing of Existing SDT Transmission Lines:**

S. #	Description	Total Length (KM)	2015-16 (KM)	2016-17 (KM)	2017-18 (KM)	2018-19 (KM)	2019-20 (KM)
1	132 kV SDT	186.3	49.3	135	2	-	-

**A-1.4 Reconductoring/Up-Gradation of Existing Transmission Lines:**

S. #	Description	Total Length (KM)	2015-16 (KM)	2016-17 (KM)	2017-18 (KM)	2018-19 (KM)	2019-20 (KM)
1	132 kV D/C	73	50	16	7	-	-

	d. Other KVA	Nos.	200	180	150	120	100	750
	<b>Sub Total</b>	Nos.	1903	1710	1555	1365	1115	7648
4	11 kV Panels for replacement and Bifurcation of feeders	Nos.	20	17	16	17	15	85
<b>B. Scope of work for LT Rehabilitation</b>								
	<b>LT Line Rehabilitation</b>							
1	Number of Proposals	Nos.	700	750	800	850	900	4000
	New LT Lines	KM	530	557	592	629	666	2974

A-4 Number of sub-projects under ELR Program is as follows:

**A-4.1 Energy Loss Reduction Projects to Reduce T&D Losses through GIS Mapping:**

S. #	Description	Unit	Quantities					
			2015-16	2016-17	2017-18	2018-19	2019-20	Total
1	<b>HT Mapping</b>							
	Number of 11 KV Feeders	Nos	165	331	83	83	83	898
	Length of HT Lines mapped	KM	9600	19200	4800	4800	4800	48083
2	<b>LT Mapping</b>							
	Number of LT Lines	Nos	-	-	4500	5600	8400	18500
	Length of LT Lines mapped	Nos	-	-	1900	2400	3600	7900
3	<b>Tools Required</b>							
	GIS mapping software Licences	Nos	1	1	1	-	-	3
	Hardware including plotters, computers, GPS devices etc.	Nos	1	1	1	-	-	3

Study Based Planning using GIS Maps with Modern Planning Tools-Transition Plan								
1	<b>HT</b>							
	Circles	Nos	165	331	83	83	83	898
2	<b>LT Mapping</b>							
	Number of LT Lines	Nos	-	-	4500	5600	8400	18500
3	<b>Tools Required</b>							
	Simulation software Licences	Nos	2	2	2	2	2	10
	Hardware including plotters, computers etc.	Nos	1	1	1	1	1	5

A-5 Sub-projects under Commercial Improvement Plan are as follows:

#### A-5.1 Projects to Reduce Metering Complaints/Errors

(Rs. in Million)

(Rs. in Million)

S. #	Description	Nos.	2015-16	2016-17	2017-18	2018-19	2019-20	Total	
A	AMR/AMI Metering	1010000	30.00	450.00	450.00	900.00	1200.00	3030.00	
B	New CIS system	Cost is included in ERP							
C	HHUs for meter reading (Mobile Unit for Meter Reading)	600 mob units/ 1500HHUs	12mln. For 600 Mobile Units	75 mln. For 750 HHUs	75 mln. For 750 HHUs	0	0	162.00	
D	Consumer Census	4.3 Mln. Cnsmrs.		Census of 1 <sup>st</sup> circle consumer		Census of remaining consumers		0.00	
E	Anti-theft efforts	Checking of 100% Industrial connection and 25% others through FESCO staff							0.00
F	IT infrastructure to support new initiatives	Setting of control for reading of AMR/AMI meters							0.00



A-6. Sub-projects under the head of Vehicle, Mechanical Tolls and Plants are as follows:

**A-6.1 Vehicles Required for STG, DOP and ELR Operations:**

S. #	Description	Unit	Quantities											
			2015-16		2016-17		2017-18		2018-19		2019-20		Total	
			STG	ELR/ DOP	STG	ELR/ DOP	STG	ELR/ DOP	STG	ELR/ DOP	STG	ELR/ DOP	STG	ELR/ DOP
1	Single Cabin Pick-up	No.	02	14	02	11	01	04	01	05	01	05	07	40
2	Double Cabin Pick-up	No.	01	01	0	01	01	01	0	0	0	0	02	03
3	Trucks	No.	02	03	04	06	04	06	04	06	02	03	16	24
4	Crane 20 Tons	No.	0	01	0	0	0	0	0	0	0	0	0	01
5	Crane 40 Tons	No.	01	0	0	0	0	0	0	0	0	0	01	0
	<b>Total</b>	<b>No.</b>	<b>07</b>	<b>24</b>	<b>12</b>	<b>21</b>	<b>12</b>	<b>12</b>	<b>08</b>	<b>13</b>	<b>04</b>	<b>12</b>	<b>43</b>	<b>82</b>

**A-6.2 Vehicles for Operation at Sub-Division Level:**

S. #	Description	2015-16	2016-17	2017-18	2018-19	2019-20	Total
1	Bucket Mounted Trucks	30	30	30	30	30	150

**A-6.3 Vehicles Required for Officers and Staff:**

S. #	Description	Unit	Quantities											
			2015-16		2016-17		2017-18		2018-19		2019-20		Total	
1	Suzuki Cultus Car	No.	02	02	02	02	01	02	00	00	00	0	05	06
2	Toyota Car (XLI)	No.	00	00	01	01	01	01	00	00	00	0	02	02
3	Motor Cycle	No.	00	20	10	10	05	05	00	00	0	0	15	35
	<b>Total</b>	<b>No.</b>	<b>02</b>	<b>22</b>	<b>13</b>	<b>13</b>	<b>07</b>	<b>08</b>	<b>00</b>	<b>04</b>	<b>00</b>	<b>00</b>	<b>22</b>	<b>43</b>

#### A-6.4 Tools and Plants:

							(Rupees)
S. #	Description	2015-16	2016-17	2017-18	2018-19	2019-20	Total
<b>Tools &amp; Plants</b>							
1	Earthing Set	155346	155346	155346	155346	109656	731040
2	Earth Tester	44251	44251	44251	44251	31236	208240
3	Magger (1000 Volts)	290462	290462	290462	290462	205032	1366880
4	Measuring Tape	22049	22049	22049	22049	15564	103760
5	Fiber Glass Extension Ladder	881739	881739	881739	881739	622404	4149360
6	Cuffing Hoist (1500 kg)	167637	167637	167637	167637	118332	788880
7	Cuffing Hoist (750 kg)	125358	125358	125358	125358	88488	589920
8	Galvanized Steel Bucket	19224	17088	19224	17088	10680	83304
9	Fire Extinguisher	9764	12205	9764	9764	7323	48820
10	Clip On Volt Amp Meter	131804	164755	131804	131804	98853	659020
11	Clip On kW Meter	131804	164755	131804	131804	98853	659020
12	Stop Watch	26860	26860	26860	26860	18960	126400
12	Black Smith Anvil (76 kg)	38896	38896	38896	38896	27456	183040
13	Chain Pulley Block (3 Ton)	25942	25942	25942	25942	18312	122080
14	Chain Pulley Block (5 Ton)	124335	110520	124335	110520	69075	538785
15	Nylon Rope (19mm Dia)	351458	351458	351458	351458	248088	1653920
16	Pick Axes	2482	2482	2482	2482	1752	11680
17	Kassies	6222	6222	6222	6222	4392	29280
18	First Aid Box	23341	23341	23341	23341	16476	109840
19	DEO J Spanner (9/6" X 5/8")	16864	16864	16864	16864	11904	79360
20	DEO J Spanner (5/8" X 3/4")	16864	16864	16864	16864	11904	79360
21	Pulling Grip (6-10')	47243	47243	47243	47243	33348	222320
22	Pulling Grip (12-15')	62067	62067	62067	62067	43812	292080
23	Hammers	2074	2074	2074	2074	1464	9760
24	Adjustable Screw Wrench	13498	13498	13498	13498	9528	63520
25	Line Man Tool Bag	9860	9860	9860	9860	6960	46400
26	Line Man Knife	884	884	884	884	624	4160
27	Torch 3 Cells	4862	4862	4862	4862	3432	22880

							(Rupees)
S. #	Description	2015-16	2016-17	2017-18	2018-19	2019-20	Total
<b>Personal Protective (T&amp;P)</b>							
1	Safety Hat Insulated	12975	12975	12975	12975	10380	62280
2	Line Man Safety Belt	18250	18250	18250	18250	14600	87600
3	Protective Rubber Gloves (Pair)	26925	26925	26925	26925	21540	129240
4	Protective Lather Globes (Pair)	15975	15975	15975	15975	12780	76680
5	Line Man Safety Boots (8,9,10 Size)	28650	28650	28650	28650	22920	137520

6	Live Wire Tester (4000 Volts)	368	368	460	368	276	1840
7	Insulated Screw Driver	1975	1975	1975	1975	1580	9480
8	Rain Coat	63920	63920	63920	79900	47940	319600
9	D-Operating Rod	29288	29288	36610	29288	21966	146440
10	Insulated Plyer	5725	5725	5725	5725	4580	27480
<b>Total (Rs.)</b>		<b>2957241</b>	<b>3009633</b>	<b>2964655</b>	<b>2957270</b>	<b>2092470</b>	<b>13981269</b>
<b>In Millions</b>		<b>2.96</b>	<b>3.01</b>	<b>2.96</b>	<b>2.96</b>	<b>2.01</b>	<b>13.9</b>

A-7. Sub-projects under **Civil Works** are as follows:

Enhancement in the number of sub-divisions, divisions, revenue offices and operation circles is essential to provide prompt/effective services to the prospective new consumers in next 5 years. The restraining instructions are that FESCO will not claim additional amount on recruitment of new employees. The number of employees may vary but the allowance in salaries etc. will remain the same.

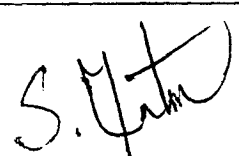
There is no need for construction circles, construction division and construction sub-division as the job of construction would be out sourced and for the purpose of supervision, the existing strength of supervisory staff is ample. The following projects under the Civil Works are allowed:

(Rs. in Million)

S. #	Description	No.	2015-16	2016-17	2017-18	2018-19	2019-20	Total
1	New Circle Offices	2	50	50	0	0	0	100
2	New Division Offices	8	90	60	90	0	0	240
3	New Sub-Divisional Offices	29	90	100	100	0	0	290
4	Revamping of Training Centers / Provision of Safety T&P and Promoting Safety Culture		30.20	50.20	30.21	20.22	20.16	151
5	Improvement required in existing buildings		120	122	124	126	128	620
<b>Total</b>			<b>380.2</b>	<b>382.2</b>	<b>344.21</b>	<b>146.22</b>	<b>148.16</b>	<b>1401</b>

A-8. Sub-projects under **Human Resource Improvement Plan** are as follows:

S. #	Description	2015-16	2016-17	2017-18	2018-19	2019-20	Total
1	Human Resource Information System Implementation	ERP Module of HR, cost included in Capital Expenditure Summary					
2	IT Infrastructure to support new initiatives	ERP Implementation is under progress					

  
 Syed Mateen Ahmed Bukhari  
 Section Officer (Tariff) BS-18  
 Ministry of Water & Power  
 Islamabad

Government of Pakistan  
Ministry of Energy  
\*\*\*\*\*

Islamabad, the 22nd March, 2018.

**NOTIFICATION**

S.R.O. 377 (I)/2018. - In pursuance of sub-section (4) & (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), and in supersession of its notification No. S.R.O. 569(I)2015, dated the 10<sup>th</sup> June, 2015, the Federal Government is pleased to notify the National Electric Power Regulatory Authority's in field determined Schedule Of Electricity Tariffs for the Islamabad Electric Supply Company Limited (IESCO), subject to and alongwith amount of subsidy and surcharges, with immediate effect, as attached herewith. The Order dated September 18, 2017 and October 23, 2017 of the Authority at Annex-I and IA, Fuel Price Adjustment Mechanism and Quarterly/Biannual Adjustment Mechanism at Annex-II and IIA, IESCO Estimated Sales Revenue in field at Annex-III, IESCO Power Purchase Price at Annex-IV, the Terms and Conditions of Tariff (For Supply Of Electric Power To Consumers By Distribution Licensee) at Annex-V, the Adjustment Mechanism for Component Wise Cost at Annex-VI and Allowed Total Investment at Annex-VII to this notification is notified, in respect of IESCO.

2. Provided that in pursuance of sub-section (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), the Federal Government is pleased to notify that there shall be levied with immediate effect a surcharge namely, "Tariff Rationalization Surcharge" at the rate mentioned against categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by IESCO, during each of the billing month, for maintaining uniform rates of electricity across the country for each of the consumer category. IESCO shall deposited the amount of Tariff Rationalization Surcharge in a Fund called the "Tariff Rationalization Fund" to be kept in the Escrow Account maintained at Central Power Purchasing Agency (Guarantee) Limited and utilized exclusively for discharging of determined cost of power producers. The Tariff Rationalization Surcharge shall be considered as a cost incurred by IESCO and included in the tariff determined by NEPRA.

3. Provided further that in pursuance of sub-section (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), the Federal Government is pleased to notify that there shall be levied with immediate effect a surcharge namely, "Financing Cost Surcharge" at the rate and categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by IESCO, during each of the billing month. IESCO shall deposited the amount of Financing Cost Surcharge in a Fund called the "Financing Cost Fund" to be kept in the Escrow Account maintained at Central Power Purchasing Agency (Guarantee) Limited for the exclusive use of discharging the financing cost of various loans obtained to discharge liabilities of power producers against the sovereign guarantees of the Government of Pakistan. The Financing Cost Surcharge shall be considered as a cost incurred by IESCO and included in the tariff determined by NEPRA.

4. Provided further that there shall be levied till the 30th June, 2018, Neelum-Jhelum Surcharge at the rate and categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by IESCO, during each of the billing month and such surcharge shall be deposited in a Fund called the "Neelum-Jhelum Hydro Power Development Fund" to be kept in the Escrow Account of the Neelum-Jhelum Company for exclusive use for the Neelum-Jhelum Hydro Power Project.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./kWh	PYA 2016 Rs./kWh	Write-off Charges Rs./kWh	PYA 2017 Rs./kWh	Total Variable Charges Rs./kWh	G&P Tariff Rationalization		
								Monthly		
								FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./kWh	BURCHARGE VARIABLE CHARGES Rs./kWh
		A	B	C	D	E	F			
a)	For Sanctioned load less than 5 kW (Up to 50 Units)	-	0.00	-	-	-	4.00	-	2.00	-
	For Consumption exceeding 50 Units	-	-	-	-	-	-	-	-	-
ii)	001 - 100 Units	-	8.16	[0.56]	-	1.71	9.21	-	3.52	-
iii)	101 - 200 Units	-	11.56	[0.56]	-	1.71	12.71	-	4.60	-
iv)	201 - 300 Units	-	13.06	[0.56]	-	1.73	14.23	-	4.03	-
v)	301 - 700 Units	-	14.36	[0.56]	-	1.74	15.54	-	-	0.46
vi)	Above 700 Units	-	14.93	[0.56]	-	1.77	17.27	-	-	0.73
b)	For Sanctioned load 5 kW & above	-	-	-	-	-	-	-	-	-
	Time Of Use	-	Peak 15.41 Off-Peak 8.01	Peak [0.56] Off-Peak [0.56]	Peak - Off-Peak -	Peak 1.78 Off-Peak 1.83	Peak 16.62 Off-Peak 9.30	-	Peak Off-Peak	Peak Off-Peak

As per Authority's decision residential consumers will be given the benefits of only one previous slab.

Under tariff A-1, there shall be minimum monthly customer charge at the following rates even if no energy is consumed.

a) Single Phase Connections:

Rs. 75/- per consumer per month

b) Three Phase Connections:

Rs. 150/- per consumer per month

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./kWh	PYA 2016 Rs./kWh	Write-off Charges Rs./kWh	PYA 2017 Rs./kWh	Total Variable Charges Rs./kWh	G&P Tariff Rationalization		
								Monthly		
								FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./kWh	BURCHARGE VARIABLE CHARGES Rs./kWh
		A	B	C	D	E	F			
a)	For Sanctioned load less than 5 kW	-	14.51	[0.56]	-	1.72	15.98	-	-	2.33
b)	For Sanctioned load 5 kW & above	400.00	11.31	[0.56]	-	1.73	12.65	-	-	3.33
	Time Of Use	400.00	Peak 15.41 Off-Peak 8.01	Peak [0.56] Off-Peak [0.56]	Peak - Off-Peak -	Peak 1.78 Off-Peak 1.83	Peak 16.62 Off-Peak 9.33	-	Peak Off-Peak	Peak Off-Peak

Under tariff A-2, there shall be minimum monthly charges at the following rates even if no energy is consumed.

a) Single Phase Connections:

Rs. 175/- per consumer per month

b) Three Phase Connections:

Rs. 350/- per consumer per month

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./kWh	PYA 2016 Rs./kWh	Write-off Charges Rs./kWh	PYA 2017 Rs./kWh	Total Variable Charges Rs./kWh	G&P Tariff Rationalization		
								Monthly		
								FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./kWh	BURCHARGE VARIABLE CHARGES Rs./kWh
		A	B	C	D	E	F			
a)	General Services	-	12.30	[0.56]	-	1.78	14.59	-	-	0.17

Under tariff A-3, there shall be minimum monthly charges at the following rates even if no energy is consumed.

a) Single Phase Connections:

Rs. 175/- per consumer per month

b) Three Phase Connections:

Rs. 350/- per consumer per month

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./kWh	PYA 2016 Rs./kWh	Write-off Charges Rs./kWh	PYA 2017 Rs./kWh	Total Variable Charges Rs./kWh	G&P Tariff Rationalization		
								Monthly		
								FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./kWh	BURCHARGE VARIABLE CHARGES Rs./kWh
		A	B	C	D	E	F			
B1	Upto 25 kW (at 400/230 Volts)	-	11.81	[0.56]	-	1.78	12.73	-	-	1.77
B2(i)	exceeding 25-500 kW (at 400 Volts)	400.00	11.01	[0.56]	-	1.78	12.23	-	-	1.77
	Time Of Use	-	Peak 15.41 Off-Peak 8.01	Peak [0.56] Off-Peak [0.56]	Peak - Off-Peak -	Peak 1.78 Off-Peak 1.83	Peak 16.65 Off-Peak 9.32	-	Peak Off-Peak	Peak Off-Peak
B1 (ii)	Up to 25 kW	-	15.41	8.01 [0.56]	[0.56]	-	1.78	1.88	16.65	8.43
B2(ii)	exceeding 25-500 kW (at 400 Volts)	400.00	15.41	7.81 [0.56]	[0.56]	-	1.78	1.88	16.63	9.32
B3	For All Loads up to 5000 kW (at 11.33 kV)	380.00	15.41	7.81 [0.56]	[0.56]	-	1.78	1.88	16.63	9.03
B4	For All Loads (at 66,132 kV & above)	360.00	15.41	7.31 [0.56]	[0.56]	-	1.78	1.88	16.62	8.83

For B1 consumers there shall be a fixed minimum charge of Rs. 330 per month.

For B2 consumers there shall be a fixed minimum charge of Rs. 2,000 per month.

For B3 consumers there shall be a fixed minimum charge of Rs. 50,000 per month.

For B4 consumers there shall be a fixed minimum charge of Rs. 500,000 per month.

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./kWh	PYA 2016 Rs./kWh	Write-off Charges Rs./kWh	PYA 2017 Rs./kWh	Total Variable Charges Rs./kWh	G&P Tariff Rationalization		
								Monthly		
								FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./kWh	BURCHARGE VARIABLE CHARGES Rs./kWh
		A	B	C	D	E	F			
C-1	For supply at 400/230 Volts	-	12.01	[0.56]	-	1.78	13.23	-	-	1.77
a)	Sanctioned load less than 5 kW	-	11.61	[0.56]	-	1.78	13.73	-	-	1.77
b)	Sanctioned load 5 kW & up to 500 kW	400.00	11.61	[0.56]	-	1.78	13.23	-	-	1.77
C-2(a)	For supply at 11.33 kV up to and including 5000 kW	380.00	11.31	[0.56]	-	1.78	13.23	-	-	1.77
C-2(a)	For supply at 66 kV & above and sanctioned load above 5000 kW	360.00	11.31	[0.56]	-	1.78	12.43	-	-	1.77
	Time Of Use	-	Peak 15.41 Off-Peak 8.01	Peak [0.56] Off-Peak [0.56]	Peak - Off-Peak -	Peak 1.78 Off-Peak 1.83	Peak 16.63 Off-Peak 9.30	-	Peak Off-Peak	Peak Off-Peak
C-1(c)	For supply at 400/230 Volts 5 kW & up to 500 kW	400.00	15.41	8.01 [0.56]	[0.56]	-	1.78	1.88	16.63	9.30
C-2(b)	For supply at 11.33 kV up to and including 5000 kW	380.00	15.41	7.81 [0.56]	[0.56]	-	1.78	1.88	16.63	9.10
C-2(b)	For supply at 66 kV & above and sanctioned load above 5000 kW	360.00	15.41	7.31 [0.56]	[0.56]	-	1.78	1.83	16.63	8.88

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kWh/M	VARIABLE CHARGES Rs/kWh	PTA 2016 Rs/kWh	Write-off Charges Rs/kWh	PTA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Reimbursement		
								Subsidy FIXED CHARGES Rs/kWh/M	VARIABLE CHARGES Rs/kWh	Surcharge VARIABLE CHARGES Rs/kWh
D-1(a)	SCARP less than 5 kW	-	12.41	[0.56]	-	-	1.78	-	1.63	-
D-2(a)	Agricultural Tube Wells	200.00	10.36	[0.56]	-	-	1.78	-	0.08	-
			Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak
D-1(b)	SCARP 5 kW & above	200.00	15.41	7.61	[0.56]	[0.56]	1.78	1.90	16.63	8.98
D-2(b)	Agricultural 5 kW & above	200.00	15.41	7.61	[0.56]	[0.56]	1.78	1.98	16.63	9.03

In addition to above mentioned subsidy on variable charges, the fixed charges applicable to private agriculture consumers under tariff D-2 and D-1 (b) is also picked by GoP as Subsidy.

Under this tariff, there shall be minimum monthly charges Rs.2000/- per consumer per month, even if no energy is consumed.  
Note: The consumers having sanctioned load less than 5 kW can opt for TOU metering.

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kWh/M	VARIABLE CHARGES Rs/kWh	PTA 2016 Rs/kWh	Write-off Charges Rs/kWh	PTA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Reimbursement		
								Subsidy FIXED CHARGES Rs/kWh/M	VARIABLE CHARGES Rs/kWh	Surcharge VARIABLE CHARGES Rs/kWh
E-1(a)	Residential Supply	-	16.71	[0.56]	-	-	1.78	-	16.93	9.33
E-1(b)	Commercial Supply	-	14.51	[0.56]	-	-	1.73	-	15.68	8.07
E-2	Industrial Supply	-	11.51	[0.56]	-	-	1.78	-	12.73	7.12

For the categories of E-1(b)(ii) above, the minimum bill of the consumers shall be Rs. 50/- per day subject to a minimum of Rs.500/- for the entire period of supply, even if no energy is consumed.

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

125% of relevant industrial tariff  
Note: Tariff for consumers will have the option to convert to regular tariff and vice versa. This option can be exercised at the time of a new connection or at the beginning of the contract. Once exercised, the option remains in force for at least one year.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kWh/M	VARIABLE CHARGES Rs/kWh	PTA 2016 Rs/kWh	Write-off Charges Rs/kWh	PTA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Reimbursement		
								Subsidy FIXED CHARGES Rs/kWh/M	VARIABLE CHARGES Rs/kWh	Surcharge VARIABLE CHARGES Rs/kWh
	Street Lighting	-	13.51	[0.56]	-	-	1.67	-	14.62	0.38

Under Tariff D, there shall be a minimum monthly charge of Rs.500/- per month per kW of lamp capacity installed.

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kWh/M	VARIABLE CHARGES Rs/kWh	PTA 2016 Rs/kWh	Write-off Charges Rs/kWh	PTA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Reimbursement		
								Subsidy FIXED CHARGES Rs/kWh/M	VARIABLE CHARGES Rs/kWh	Surcharge VARIABLE CHARGES Rs/kWh
	Residential Colonies attached to Industrial Premises	-	13.51	[0.56]	-	-	1.67	-	14.62	0.38

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kWh/M	VARIABLE CHARGES Rs/kWh	PTA 2016 Rs/kWh	Write-off Charges Rs/kWh	PTA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Reimbursement		
								Subsidy FIXED CHARGES Rs/kWh/M	VARIABLE CHARGES Rs/kWh	Surcharge VARIABLE CHARGES Rs/kWh
1	Asad Jammu & Muzaffar (AJM)	360.00	10.76	[0.56]	-	-	1.63	-	11.86	0.38
	Time Of Use	360.00	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak
			13.41	7.71	[0.56]	[0.56]	1.67	1.67	16.33	8.83
2	Rawat Lab	360.00	10.51	[0.56]	-	-	1.88	-	14.63	0.37

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kWh/M	VARIABLE CHARGES Rs/kWh	PTA 2016 Rs/kWh	Write-off Charges Rs/kWh	PTA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Reimbursement		
								Subsidy FIXED CHARGES Rs/kWh/M	VARIABLE CHARGES Rs/kWh	Surcharge VARIABLE CHARGES Rs/kWh
J-1	For supply at 66 kV & above and having sanctioned load of 20MW & above	360.00	11.21	[0.56]	-	-	1.78	-	12.43	-
J-2	(a) For supply at 11.33 kV	380.00	11.31	[0.56]	-	-	1.78	-	12.53	-
	(b) For supply at 66 kV & above	360.00	11.21	[0.56]	-	-	1.78	-	12.43	-
J-3	(a) For supply at 11.33 kV	360.00	11.31	[0.56]	-	-	1.78	-	12.53	-
	(b) For supply at 66 kV & above	360.00	11.21	[0.56]	-	-	1.78	-	12.43	-
	Time Of Use		Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak
J-1(b)	For supply at 66 kV & above and having sanctioned load of 20MW & above	360.00	15.41	7.61	[0.56]	[0.56]	1.78	1.83	16.63	8.88
J-2(a)	For supply at 11.33 kV	380.00	15.41	7.61	[0.56]	[0.56]	1.78	1.88	16.63	9.10
J-2(b)	For supply at 66 kV & above	360.00	15.41	7.61	[0.56]	[0.56]	1.78	1.83	16.63	8.88
J-3(a)	For supply at 11.33 kV	380.00	15.41	7.61	[0.56]	[0.56]	1.78	1.88	16.63	9.10
J-3(b)	For supply at 66 kV & above	360.00	15.41	7.61	[0.56]	[0.56]	1.78	1.83	16.63	8.88

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

Note:  
"Minimum-Jahrum Surcharge" at the rate of Rs. 0.10/kWh applicable to all electricity consumers except lifeline domestic consumers of the category "Residential A-1" for electricity sold.  
"Fluctuating Cost Surcharge" at the rate of Rs. 0.40/kWh applicable to all electricity consumers except lifeline domestic consumers of the category "Residential A-1" for electricity sold.

ORDER

From what has been discussed above, the Authority hereby re-determines the tariff of IESCO for the Financial Year 2015-16 as under;

- I. Islamabad Electric Supply Company Limited (IESCO) is allowed to charge its consumers such tariff as set out in the schedule of tariff for IESCO annexed to the determination.
- II. The actual variation in fuel cost component of power purchase price against the reference fuel cost component shall be adjusted on monthly basis without taking into account the T&D losses. The monthly fuel price adjustment shall be based on the actual information submitted by CPPA (G), adjustment of remaining components of PPP will be adjusted biannually. Here it is pertinent to mention that while making biannual adjustments of the PPP, the Authority may rationalize the SoT accordingly.
- III. IESCO is allowed to charge the users of its system a "Use of system charge" (UOSC) equal to:

- i) Where only 132 kV system is involved

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.017)} \times AFI(T) \quad \text{Paisa/kWh}$$

- ii) Where only 11 kV distribution systems is involved.

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.05)} \times AFI(D) \quad \text{Paisa/kWh}$$

- iii) Where both 132 kV and 11 kV distribution systems are involved:

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.067)} \times AFI(TD) \quad \text{Paisa/kWh}$$

Where:

Gross Distribution Margin for FY 2015-16 is set at Rs.1.68/kWh (without excluding impact of other income)

'L' is the overall percentage loss assessment for the respective year.

AFI (T) = Adjustment factor for investment at 132 kV level i.e. 16%

AFI (D) = Adjustment factor for investment at 11 kV level i.e. 59%.



AFI (TD) = Adjustment factor for investment at both 132 kV & 11 kV level i.e. 75%.

- IV. The residential consumers will be given the benefit of only one previous slab.V.
- V. IESCO is hereby allowed the T&D losses of 8.65% for the FY 2015-16 and the following target of T&D losses for the tariff control period;

Year	2015-16	2016-17	2017-18	2018-19	2019-20
Transmission Losses	1.71%	1.70%	1.68%	1.60%	1.50%
Distribution Losses	6.94%	6.90%	6.82%	6.55%	6.30%
T&D losses target	8.65%	8.60%	8.50%	8.15%	7.80%

- VI. IESCO is hereby allowed a total investment of Rs.67,679 million including Rs.13,944 million on account of consumer financing as given hereunder. Detail attached as Annexure-VII;

Million Rs.

Description	2015-16	2016-17	2017-18	2018-19	2019-20	Total
STG	6,748	2,545	1,566	1,196	5,129	17,184
Distribution (Expansion & Rehabilitation)	1,668	1,668	1,669	1,669	1,675	8,349
Vehicles and Tools & Plants	46	56	48	56	62	268
Civil Works	108	132	120	132	144	636
GIS Mapping Plan	22	56	75	5	33	191
AMR/Commercial Improvement	0	0	0	0	18,420	18,420
Other Functional Plans	520	602	537	272	405	2,336
Miscellaneous Charges	1,109	902	877	932	2,531	6,351
<b>TOTAL</b>	<b>10,221</b>	<b>5,961</b>	<b>4,892</b>	<b>4,262</b>	<b>28,399</b>	<b>53,735</b>
<b>Consumer Contribution</b>	<b>1,697</b>	<b>4,129</b>	<b>1,827</b>	<b>4,331</b>	<b>1,960</b>	<b>13,944</b>
<b>Grand Total</b>	<b>11,918</b>	<b>10,090</b>	<b>6,719</b>	<b>8,593</b>	<b>30,359</b>	<b>67,679</b>

- VII. Tariff under Colum 'A' and 'D' of Annex-III shall remain applicable for one year from the date of notification. Colum 'C' of Annex-III shall cease to exist after one year and only Colum 'A' and 'B' of Annex-III would remain applicable till the same is superseded by next notification.

- VIII. The Authority hereby determines and approves the following component wise cost & its adjustments mechanism in the matter of IESCO's for the FY 2015-16.

TARIFF COMPONENT	Assessed Cost FY 2015-16	ADJUSTMENTS/ INDEXATION	TIME LINES
POWER PURCHASE PRICE			
Energy Purchase Price			
Fuel Cost	50,104	Monthly, as per the approved mechanism.	Data to be provided by CPPA (G) by 3 <sup>rd</sup> of close of

			the month
Variable O&M	2,777	Biannually, as per the approved mechanism.	Request to be furnished by the IESCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
Capacity Charges	21,271	Biannually, as per the approved mechanism.	Request to be furnished by the IESCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
Use of System Charges	2,706	Biannually, as per the approved mechanism.	Request to be furnished by the IESCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
T&D Losses	8.65%	Biannually, as per the approved mechanism.	Request to be furnished by the IESCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
NET DISTRIBUTION MARGIN	11,591		
O&M Cost			
Salaries, wages & other benefits	4,454	Annually, as per Annex-VI	Request to be submitted by IESCO by 7 <sup>th</sup> July every year.
Post-Retirement benefits	2,894	As per the decision	
Repair and Maintenance	836	Annually, as per Annex-VI	Request to be submitted by IESCO by 7 <sup>th</sup> July every year.
Other operating expanses	1,010	Annually, as per Annex-VI	Request to be submitted by IESCO by 7 <sup>th</sup> July every year.
Depreciation	2,276	Annually, as per Annex-VI	Request to be submitted by IESCO by 7 <sup>th</sup> July every year.
Return on Rate Base	2,499	Annually, as per Annex-VI	
Other Income	(2,378)	Annually, as per Annex-VI	
Prior Year Adjustment	(4,503)	Annually, as per existing Mechanism	
KIBOR Spread	2.75%	Annually, as per decision	
KIBOR (In case of foreign financing the Authority may allow the adjustment of LIBOR)	7.01%	Bi-Annually, as per the decision.	

## Order

- I. Based on the above assessment, the Authority hereby determines the following adjustments on account of PPP (*including impact of T&D losses on FCA*) and Prior Year Adjustments for the FY 2016-17;

		FY 2016-17
Description		IESCO
		Mln. Rs.
<b>A: Power Purchase Price (PPP) Adjustment</b>		
	PPP cost billed by CPPA-G	90,009
Less ;	PPP cost disallowed by the Authority	(1,815)
	Net PPP cost to be charged to consumers	88,194
Less ;	PPP Recovered through notified Tariff	81,960
	Under recovered PPP Cost, to be recovered from the consumers	6,235
<b>B: Prior Year Adjustment (PYA)</b>		
	PYA to be recovered / (passed on) as per re-determination Sep. 18, 2017	(4,503)
Less ;	PYA recovered / (Passed on) during FY 2016-17	(16,116)
	Over Paid PYA to be recovered from the consumers	11,613
<b>C: Impact of Negative Monthly FCA's</b>		
	Negative FCA Retained ( <i>Life Line, Agri and Domestic Consumers upto 300 units</i> )	(7,992)
Less ;	Net Subsidy, if any	-
	FCA amount to be passed on to the consumers	(7,992)
<b>Total Adjustment = A+B+C</b>		<b>9,855</b>

- II. The Impact of negative PYA amount of Rs.4,503 million already built in the IESCO's re-determination dated September 18, 2017, shall be replaced with the aforementioned amount of Rs.9,855 million, thus resulting in overall adjustment of Rs.14,358 million in the consumer-end tariff of IESCO.
- III. After incorporating the above amount in the Authority's re-determination dated September 18, 2017, in the matter of the GoP's reconsideration request for IESCO, the Estimated Sales Revenue and Schedule of Tariff (SoT) have been revised and are attached as Annex-II and Annex-III respectively to this decision, which will supersede the earlier estimated sales revenue and SoT attached with the Authority's redetermination dated September 18, 2017, in the matter of GoP's Reconsideration request for IESCO. Remaining annexures would remain the same.

- IV. Tariff under Colum A and F of Annex-III shall remain applicable for one year from the date of notification. Colum C, D, E and F of Annex-III shall cease to exist after one year and only Colum A and B of Annex-III shall remain applicable, till the same is superseded by next notification.
- V. The Authority in its redetermination dated September 18, 2017, in the matter of the GoP's reconsideration request prescribed the mechanism for calculation of the quarterly/ biannual adjustments which is attached as Annex-IA with the instant decision.

**FUEL PRICE ADJUSTMENT MECHANISM**

Actual variation in fuel cost component against the reference fuel cost component for the corresponding months will be determined according to the following formula

$$\text{Fuel Price variation} = \text{Actual Fuel Cost Component} - \text{Reference Fuel Cost Component}$$

Where:

Fuel Price variation is the difference between actual and reference fuel cost component

Actual fuel cost component is the fuel cost component in the pool price on which the DISCOs will be charged by CPPA (G) in a particular month; and

Reference fuel cost component is the fuel cost component for the corresponding month projected for the purpose of tariff determination as per Annex-IV of the determination;

The fuel price adjustment determined by the Authority shall be shown separately in the bill of the consumer and the billing impact shall be worked out on the basis of consumption by the consumer in the respective month.

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### QUARTERLY/BIANNUAL ADJUSTMENT MECHANISM

Quarterly/ Biannual adjustment shall be the Actual variation in Power Purchase Price (PPP), excluding Fuel Cost Component, against the reference Power Purchase Price component and the impact of T&D losses on FCA, for the corresponding months and shall be determined according to the following formula;

$$\text{Quarterly/Biannual PPP}_{(Adj)} = \frac{\text{PPP}_{(Act)} (\text{excluding FCC}) - \text{PPP}_{(Ref)} (\text{excluding FCC})}{(1 - \text{T\&D Loss \%}) - (\text{Life line Consumption \%})}$$

Where;

PPP<sub>(Act)</sub> is the actual cost in Rs./kWh, excluding FCC, invoiced by CPPA-G to XWDISCOs, adjusted for any cost disallowed by the Authority.

PPP<sub>(Ref)</sub> is the reference cost in Rs./kWh as per the Annex-IV of the XWDISCOs determination that remained notified during the period.

T&D Loss % is percentage of T&D losses that remained notified during the period.

Quarterly/Biannual impact of T&D losses on FCA<sub>(Adj)</sub>

$$= \left[ \frac{\text{FCA}_{(Allowed)}}{(1 - \text{T\&D Loss \%}) - (\text{Life line Consumption \%})} \right] - \text{FCA}_{(Allowed)}$$

Where;

FCA<sub>(allowed)</sub> is the FCA allowed by the Authority for the respective months of the concerned period.

T&D Loss % is percentage of T&D losses that remained notified during the period.

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**Islamabad Electric Supply Company Limited(IESCO)**  
**Estimated Sales Revenue on the Basis of New Tariff**

Description	Sales		Revenue			Base Tariff		PYA 2016		Write off		PYA 2017		Total Tariff
	GWh	% Mix	Fixed Charge	Variable Charge	Total	Fixed Charge	Variable Charge	Amount	Variable Charge	Amount	Variable Charge	Amount	Variable Charge	Fixed Charge
				Min. Rs.		Rs./KW M	Rs./kWh	Min. Rs.	Rs./kWh	Min. Rs.	Rs./kWh	Min. Rs.	Rs./kWh	Rs./KW M
<b>Residential</b>														
Up to 50 Units	253 7197	3.06%	-	1 015	1 015	-	4 00	-	-	-	-	-	-	-
For peak load requirement less than 5 kW														
01-100 Units	1068 5750	12.87%	-	8 720	8 720	-	8 16	(598)	(0 56)	-	-	1 827	1 71	-
101-200 Units	548 0023	6.60%	-	6 335	6 335	-	11 56	(307)	(0 56)	-	-	937	1 71	-
201-300 Units	696 8763	8.40%	-	9 101	9 101	-	13 06	(390)	(0 56)	-	-	1 206	1 73	-
301-700 Units	346 7443	4.18%	-	4 979	4 979	-	14 36	(194)	(0 56)	-	-	603	1 74	-
Above 700 Units	92 3907	1.11%	-	1 461	1 461	-	16 03	(49)	(0 53)	-	-	164	1 77	-
For peak load requirement exceeding 5 kW														
Time of Use (TOU) - Peak	112 4581	1.35%	-	1 733	1 733	-	15 41	(63)	(0 56)	-	-	200	1 78	-
Time of Use (TOU) - Off-Peak	503 2193	5.06%	-	4 031	4 031	-	8 01	(262)	(0 56)	-	-	931	1 85	-
Temporary Supply	0 8331	0.01%	-	13	13	-	15 71	(0)	(0 56)	-	-	1	1 78	-
<b>Total Residential</b>	<b>3 623</b>	<b>43.65%</b>	<b>-</b>	<b>37 408</b>	<b>37 408</b>	<b>-</b>	<b>-</b>	<b>(1 884)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5 869</b>	<b>-</b>	<b>-</b>
<b>Commercial - A2</b>	<b>3 870 991</b>	<b>248 17</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
For peak load requirement less than 5 kW	284 911	3.43%	-	4 134	4 134	-	14 51	(160)	(0 56)	-	-	493	1 73	-
For peak load requirement exceeding 5 kW														
Regular	9 843	0.12%	18	113	131	400	11 51	(6)	(0 56)	-	-	17	1 73	400
Time of Use (TOU) - Peak	107 092	1.29%	-	1 650	1 650	-	15 41	(60)	(0 56)	-	-	191	1 78	-
Time of Use (TOU) - Off-Peak	467 777	5.64%	1 098	3 747	4 845	400	8 01	(262)	(0 56)	-	-	879	1 68	400
Temporary Supply	12	0.15%	-	178	178	-	14 51	(7)	(0 56)	-	-	21	1 73	-
<b>Total Commercial</b>	<b>882</b>	<b>10.62%</b>	<b>1 116</b>	<b>9 822</b>	<b>10 939</b>	<b>-</b>	<b>-</b>	<b>(494)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1 601</b>	<b>-</b>	<b>-</b>
<b>General Services-A3</b>	<b>249</b>	<b>3.00%</b>	<b>-</b>	<b>3 327</b>	<b>3 327</b>	<b>-</b>	<b>13 38</b>	<b>(139)</b>	<b>(0 56)</b>	<b>-</b>	<b>-</b>	<b>443</b>	<b>1 78</b>	<b>-</b>
<b>Industrial</b>														
B1	3	0.04%	-	40	40	-	11 51	(2)	(0 56)	-	-	6	1 78	-
B1 Peak	9	0.10%	-	134	134	-	15 41	(5)	(0 56)	-	-	15	1 78	-
B1 Off-Peak	47	0.57%	-	378	378	-	8 01	(26)	(0 56)	-	-	93	1 98	-
B2	6	0.06%	8	70	78	400	11 01	(4)	(0 56)	-	-	11	1 78	400
B2 TOU (Peak)	48	0.58%	-	737	737	-	15 41	(27)	(0 56)	-	-	85	1 78	-
B2 TOU (Off-Peak)	350	4.22%	873	2 735	3 608	400	7 81	(196)	(0 56)	-	-	693	1 98	400
B3 TOU (Peak)	28	0.34%	-	435	435	-	15 41	(16)	(0 56)	-	-	50	1 78	-
B3 TOU (Off-Peak)	374	4.51%	453	2 848	3 301	380	7 61	(210)	(0 56)	-	-	741	1 98	380
B4 TOU (Peak)	83	1.00%	-	1 281	1 281	-	15 41	(47)	(0 56)	-	-	148	1 78	-
B4 TOU (Off-Peak)	624	7.52%	886	4 685	5 371	360	7 51	(349)	(0 56)	-	-	1 173	1 88	360
Temporary Supply	0	0.00%	-	0	0	-	11 51	(0)	(0 56)	-	-	0	1 78	-
<b>Total Industrial</b>	<b>1 573</b>	<b>18.95%</b>	<b>2 020</b>	<b>13 344</b>	<b>15 364</b>	<b>-</b>	<b>-</b>	<b>(681)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3 017</b>	<b>-</b>	<b>-</b>
<b>Single Point Supply for further distribution</b>														
C1(a) Supply at 400 volts-less than 5 kW	0	0.00%	-	0	0	-	12 01	(0)	(0 56)	-	-	0	1 78	-
C1(b) Supply at 400 volts-exceeding 5 kW	4	0.05%	5	45	50	400	11 51	(2)	(0 56)	-	-	7	1 78	400
Time of Use (TOU) - Peak	12	0.15%	-	190	190	-	15 41	(7)	(0 56)	-	-	22	1 78	-
Time of Use (TOU) - Off-Peak	63	0.76%	87	505	591	400	8 01	(35)	(0 56)	-	-	117	1 85	400
C2 Supply at 11 kV	82	0.98%	97	924	1 021	360	11 31	(46)	(0 56)	-	-	145	1 78	360
Time of Use (TOU) - Peak	62	0.75%	-	954	954	-	15 41	(35)	(0 56)	-	-	110	1 78	-
Time of Use (TOU) - Off-Peak	311	3.74%	480	2 427	2 906	380	7 81	(174)	(0 56)	-	-	575	1 85	380
C3 Supply above 11 kV	0	0.00%	-	-	-	360	11 21	-	(0 56)	-	-	-	1 78	360
Time of Use (TOU) - Peak	43	0.52%	-	660	660	-	15 41	(24)	(0 56)	-	-	76	1 78	-
Time of Use (TOU) - Off-Peak	214	2.58%	263	1 627	1 890	360	7 61	(120)	(0 56)	-	-	391	1 83	360
<b>Total Single Point Supply</b>	<b>790</b>	<b>9.52%</b>	<b>931</b>	<b>7 332</b>	<b>8 263</b>	<b>-</b>	<b>-</b>	<b>(443)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1 443</b>	<b>-</b>	<b>-</b>
<b>Agricultural Tube-wells - Tariff D</b>														
Scarp	4	0.04%	-	44	44	-	12 41	(2)	(0 56)	-	-	6	1 78	-
Time of Use (TOU) - Peak	11	0.14%	-	173	173	-	15 41	(6)	(0 56)	-	-	20	1 78	-
Time of Use (TOU) - Off-Peak	61	0.73%	55	462	517	200	7 61	(34)	(0 56)	-	-	115	1 90	200
Agricultural Tube-wells	5	0.06%	38	48	86	200	10 36	(3)	(0 56)	-	-	8	1 78	200
Time of Use (TOU) - Peak	2	0.02%	-	31	31	-	15 41	(1)	(0 56)	-	-	4	1 78	-
Time of Use (TOU) - Off-Peak	10	0.12%	32	77	108	200	7 61	(6)	(0 56)	-	-	20	1 98	200
<b>Total Agricultural</b>	<b>92</b>	<b>1.11%</b>	<b>124</b>	<b>836</b>	<b>960</b>	<b>-</b>	<b>-</b>	<b>(52)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>174</b>	<b>-</b>	<b>-</b>
<b>Public Lighting - Tariff G</b>														
Residential Colonies	67	0.81%	-	911	911	-	13 51	(38)	(0 56)	-	-	113	1 67	-
Time of Use (TOU) - Peak	4	0.05%	-	51	51	-	15 41	(2)	(0 56)	-	-	6	1 67	-
Time of Use (TOU) - Off-Peak	63	0.76%	-	505	591	-	8 01	(35)	(0 56)	-	-	117	1 85	-
<b>Sub-Total</b>	<b>1 091</b>	<b>13.14%</b>	<b>1 090</b>	<b>11 101</b>	<b>12 191</b>	<b>-</b>	<b>-</b>	<b>(611)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1 811</b>	<b>-</b>	<b>-</b>
<b>Special Contract - Tariff-J</b>														
J-1 For Supply at 66 kV & above	-	0.00%	-	-	-	360	11 21	-	(0 56)	-	-	-	1 78	360
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	15 41	-	(0 56)	-	-	-	1 78	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	360	7 61	-	(0 56)	-	-	-	1 83	360
J-2 (a) For Supply at 11-33 kV	-	0.00%	-	-	-	380	11 31	-	(0 56)	-	-	-	1 78	380
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	15 41	-	(0 56)	-	-	-	1 78	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	380	7 81	-	(0 56)	-	-	-	1 85	380
J-2 (b) For Supply at 66 kV & above	-	0.00%	-	-	-	360	11 21	-	(0 56)	-	-	-	1 78	360
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	15 41	-	(0 56)	-	-	-	1 78	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	360	7 81	-	(0 56)	-	-	-	1 83	360
J-3 (a) For Supply at 11-33 kV	-	0.00%	-	-	-	380	11 31	-	(0 56)	-	-	-	1 78	380
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	15 41	-	(0 56)	-	-	-	1 78	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	380	7 81	-	(0 56)	-	-	-	1 85	380
J-3 (b) For Supply at 66 kV & above	-	0.00%	-	-	-	360	11 21	-	(0 56)	-	-	-	1 78	360
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	15 41	-	(0 56)	-	-	-	1 78	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	360	7 61	-	(0 56)	-	-	-	1 83	360
<b>Total Revenue</b>	<b>8 300</b>	<b>100.00%</b>	<b>5 282</b>	<b>83 188</b>	<b>88 450</b>	<b>-</b>	<b>-</b>	<b>(4 503)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>14 358</b>	<b>-</b>	<b>-</b>

Tariff mentioned under Column "Total Tariff" shall remain applicable for a period of one year from the date of notification. After one year PYA 2016, Write-off and PYA 2017 shall cease to exist and only tariff mentioned under Column "Base Tariff" shall remain applicable till the same is superseded by next notification.

## IESCO Power Purchase Price

Name	July	August	September	October	November	December	January	February	March	April	May	June	Total
Units Purchased by DISCOs (GWh)	949	933	847	782	684	656	596	617	624	607	826	964	9,086
kWh													
Fuel Cost Component	4.9811	4.7552	5.1217	5.2366	5.0497	5.8619	7.1241	5.7493	6.6429	6.7227	5.2908	4.9927	5.514
Variable O & M	0.2727	0.2678	0.2825	0.2891	0.2916	0.3337	0.3711	0.3234	0.3467	0.3577	0.3050	0.2891	0.306
CpGenCap	2.2626	1.9473	1.8949	2.3006	2.4507	2.6715	3.1866	2.3727	2.9303	2.6991	2.3033	1.8041	2.3411
USCF	0.2858	0.2631	0.2601	0.3067	0.3412	0.3307	0.3658	0.3069	0.3352	0.3485	0.2631	0.2419	0.2978
Total PPP in Rs. /kWh	7.8022	7.2333	7.5591	8.1330	8.1332	9.1978	11.0476	8.7523	10.2550	10.1280	8.1622	7.3278	8.4590

													Rs in Million
Fuel Cost Component	4,728	4,437	4,340	4,095	3,455	3,846	4,243	3,548	4,147	4,083	4,370	4,811	50,104
Variable O & M	259	250	239	226	200	219	221	200	216	217	252	279	2,777
CpGenCap	2,148	1,817	1,606	1,799	1,677	1,753	1,898	1,464	1,829	1,639	1,902	1,738	21,271
USCF	271	246	220	240	233	217	218	189	209	212	217	233	2,706
PPP	7,405	6,750	6,406	6,361	5,565	6,035	6,580	5,402	6,401	6,152	6,742	7,061	76,859

*It is clarified that PPP is pass through for all the DISCOs and its monthly references would continue to exist irrespective of the financial year, unless the new SOT is revised and notified by the GOP*



**TERMS AND CONDITIONS OF TARIFF  
(FOR SUPPLY OF ELECTRIC POWER TO CONSUMERS BY DISTRIBUTION  
LICENSEES)**

**PART-I**

**GENERAL DEFINITIONS**

The Company, for the purposes of these terms and conditions means Islamabad Electric Supply Company Limited (IESCO) engaged in the business of distribution of electricity within the territory mentioned in the licence granted to it for this purpose.

1. "Month or Billing Period", unless otherwise defined for any particular tariff category, means a billing month of 30 days or less reckoned from the date of last meter reading.
2. "Minimum Charge", means a charge to recover the costs for providing customer service to consumers even if no energy is consumed during the month.
3. "Fixed Charge" means the part of sale rate in a two-part tariff to be recovered on the basis of "Billing Demand" in kilowatt on monthly basis.
4. "Billing Demand" means the highest of maximum demand recorded in a month except in the case of agriculture tariff D2 where "Billing Demand" shall mean the sanctioned load.
5. "Variable Charge" means the sale rate per kilowatt-hour (kWh) as a single rate or part of a two-part tariff applicable to the actual kWh consumed by the consumer during a billing period.
6. "Maximum Demand" where applicable, means the maximum of the demand obtained in any month measured over successive periods each of 30 minutes' duration except in the case of consumption related to Arc Furnaces, where "Maximum Demand" shall mean the maximum of the demand obtained in any month measured over successive periods each of 15 minutes' duration.
7. "Sanctioned Load" where applicable means the load in kilowatt as applied for by the consumer and allowed/authorized by the Company for usage by the consumer.
8. "Power Factor" means the ratio of kWh to KVAh recorded during the month or the ratio of kWh to the square root of sum of square of kWh and kVARh.
9. "Point of supply means metering point where electricity is delivered to the consumer.
10. Peak and Off Peak hours for the application of Time Of Use (TOU) Tariff shall be the following time periods in a day:

	<u>* PEAK TIMING</u>	<u>. OFF-PEAK TIMING</u>
Dec to Feb (inclusive) day	5 PM to 9 PM	Remaining 20 hours of the
Mar to May (inclusive)	6 PM to 10 PM	-do-
June to Aug (inclusive)	7 PM to 11 PM	-do-
Sept to Nov (inclusive)	6 PM to 10 PM	-do-

\* To be duly adjusted in case of day light time saving

11. "Supply", means the supply for single-phase/three-phase appliances inclusive of both general and motive loads subject to the conditions that in case of connected or sanctioned load exceeding 4 kW supply shall be given at three-phase.
12. "Consumer" means a person of his successor-in-interest as defined under Section 2(iv) of the Regulation of Generation, Transmission and Distribution of Electric Power Act (XL of 1997).

13. "Charitable Institution" means an institution, which works for the general welfare of the public on no profit basis and is registered with the Federal or Provincial Government as such and has been issued tax exemption certificate by Federal Board of Revenue (FBR).
14. NTDC means the National Transmission and Dispatch Company.
15. CPPA(G) means Central Power Purchasing Agency Guarantee Limited (CPPA)(G).
16. The "Authority" means "The National Electric Power Regulatory Authority (NEPRA)" constituted under the Regulation of Generation, Transmission and Distribution of Electric Power Act (XL of 1997).

#### **GENERAL CONDITIONS**

1. "The Company shall render bills to the consumers on a monthly basis or less on the specific request of a consumer for payment by the due date.
2. The Company shall ensure that bills are delivered to consumers at least seven days before the due date. If any bill is not paid by the consumer in full within the due date, a Late Payment Charge of 10% (ten percent) shall be levied on the amount billed excluding Govt. tax and duties etc. In case bill is not served at least seven days before the due date then late payment surcharge will be levied after 7<sup>th</sup> day from the date of delivery of bill.
3. The supply provided to the consumers shall not be available for resale.
4. In the case of two-part tariff average Power Factor of a consumer at the point of supply shall not be less than 90%. In the event of the said Power factor falling below 90%, the consumer shall pay a penalty of two percent increase in the fixed charges determined with reference to maximum demand during the month corresponding to one percent decrease in the power factor below 90%.

## **PART-II**

**(Definitions and Conditions for supply of power specific to each consumer category)**

### **A-1 RESIDENTIAL**

#### **Definition**

“Life Line Consumer” means those residential consumers having single phase electric connection with a sanctioned load up to 1 kW.

At any point of time, if the floating average of last six months' consumption exceed 50 units, then the said consumer would not be classified as life line for the billing month even if its consumption is less than 50 units. For the purpose of calculating floating average, the consumption charged as detection billing would also be included.

1. This Tariff is applicable for supply to;
  - i) Residences,
  - ii) Places of worship,
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. A-1(a) tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and shall be billed on the basis of tariff A-1(b) as set out in the Schedule of Tariff.
4. All existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and converted to A- 1(b) Tariff by the Company.

### **A-2 COMMERCIAL**

1. This tariff is applicable for supply to commercial offices and commercial establishments such as:
  - i) Shops,
  - ii) Hotels and Restaurants,
  - iii) Petrol Pumps and Service Stations,
  - iv) Compressed Natural Gas filling stations,
  - v) Private Hospitals/Clinics/Dispensaries,
  - vi) Places of Entertainment, Cinemas, Theaters, Clubs;
  - vii) Guest Houses/Rest Houses,
  - viii) Office of Lawyers, Solicitors, Law Associates and Consultants etc.
2. Consumers under tariff A-2 having sanctioned load of less than 5 kW shall be billed under a Single-Part kWh rate A-2(a)
3. All existing consumers under tariff A-2 having sanctioned load 5 kW and above shall be billed on A-2(b) tariff till such time that they are provided T.O.U metering arrangement; thereafter such consumers shall be billed on T.O.U tariff A-2(c).
4. The existing and prospective consumers having load of 5 kW and above can opt for T.O.U metering arrangement and A-2(c) tariff.
5. All existing consumers under tariff A-2 shall be provided T.O.U metering arrangement by the Company and convert it to-A-2 (c) Tariff.
6. All new connections having load requirement 5 kW and above shall be provided T.O.U meters and shall be billed under tariff A-2(c).

### **A-3 GENERAL SERVICES**

1. This tariff is applicable to;
  - i. Approved religious and charitable institutions
  - ii. Government and Semi-Government offices and Institutions
  - iii. Government Hospitals and dispensaries
  - iv. Educational institutions
  - v. Water Supply schemes including water pumps and tube wells operating on three phase 400 volts other than those meant for the irrigation or reclamation of Agriculture land.
1. Consumers under General Services (A-3) shall be billed on single-part kWh rate i.e. A-3(a) tariff.

## **B INDUSTRIAL SUPPLY**

### **Definitions**

1. "Industrial Supply" means the supply for bona fide industrial purposes in factories including the supply required for the offices and for normal working of the industry.
2. For the purposes of application of this tariff an "Industry" means a bona fide undertaking or establishment engaged in manufacturing, value addition and/or processing of goods.
3. This Tariff shall also be available for consumers having single-metering arrangement such as;
  - i) Poultry Farms
  - ii) Fish Hatcheries and Breeding Farms and
  - iii) Software houses

### **Conditions**

An industrial consumer shall have the option, to switch over to seasonal Tariff-F, provided his connection is seasonal in nature as defined under Tariff-F, and he undertakes to abide by the terms and conditions of Tariff-F and pays the difference of security deposit rates previously deposited and those applicable to tariff-F at the time of acceptance of option for seasonal tariff. Seasonal tariff will be applicable from the date of commencement of the season, as specified by the customers at the time of submitting the option for Tariff-F. Tariff-F consumers will have the option to convert to corresponding Regular Industrial Tariff category and vice versa. This option can be exercised at the time of obtaining a new connection or at the beginning of the season. Once exercised, the option will remain in force for at least one year.

### **B-1 SUPPLY AT 400 VOLTS THREEPHASE AND/OR 230 VOLTS SINGLE PHASE**

1. This tariff is applicable for supply to Industries having sanctioned load upto a 25 kW.
2. Consumers having sanctioned load less than 25 kW shall be billed on single-part kWh rate.
3. All existing consumers under tariff B-1 shall be provided T.O.U metering arrangement by the Company and convert it to-B1 (b) Tariff.

### **B-2 SUPPLY AT 400 VOLTS**

1. This tariff is applicable for supply to Industries having sanctioned load of more than 25 kW up to and including 500 kW.
2. All existing consumers under tariff B-2 shall be provided T.O.U metering arrangement by the Company and converted to B-2(b) Tariff.
3. All new applicants i.e. prospective consumers applying for service to the Company shall be provided T.O.U metering arrangement and charged according to the applicable T.O.U tariff.

### **B-3 SUPPLY AT 11 kV AND 33 kV**

1. This tariff is applicable for supply to Industries having sanctioned load of more than 500 kW up to and including 5000 kW and also for Industries having sanctioned load of 500 kW or below who opt for receiving supply at 11 kV or 33 kV.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. The supply under this Tariff shall not be available to a prospective consumer unless he provides, to the satisfaction and approval of the Company, his own Transformer, Circuit Breakers and other necessary equipment as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively pays to the Company for all apparatus and equipment if so provided and installed by the Company. The recovery of the cost of service connection shall be regulated by the NEPRA eligibility criteria.
4. All B-3 Industrial Consumers shall be billed on the basis of T.O.U tariff given in the Schedule of Tariff.

### **B-4 SUPPLY AT 66 kV, 132 kV AND ABOVE**

1. This tariff is applicable for supply to Industries for all loads of more than 5000 kW receiving supply at 66 kV, 132 kV and above and also for Industries having load of 5000 kW or below who opt to receive supply at 66 kV or 132 kV and above.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. If the Grid Station required for provision of supply falls within the purview of the dedicated system under the NEPRA Eligibility Criteria, the supply under this Tariff shall not be available to such a prospective consumer unless he provides, to the satisfaction and approval of the Company, an independent grid station of his own including Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively, pays to the Company for all such Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus if so provided and installed by the Company. The recovery of cost of service connection shall be regulated by NEPRA Eligibility Criteria.
4. All B-4 Industrial Consumers shall be billed on the basis of two-part T.O.U tariff.

## **C BULK SUPPLY**

"Bulk Supply" for the purpose of this Tariff, means the supply given at one point for self-consumption not selling to any other consumer such as residential, commercial, tube-well and others.

### **General Conditions**

If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days no notice will be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days the fixed charges shall be assessed on proportionate basis for actual number of days between the date of old reading and the new reading.

### **C-1 SUPPLY AT 400/230 VOLTS**

1. This Tariff is applicable to a consumer having a metering arrangement at 400 volts, having sanctioned load of up to and including 500 kW.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. C-1(a) tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and shall be billed on the basis of Time-of-Use (T.O.U) tariff C-1(c) given in the Schedule of Tariff.
4. All the existing consumers governed by this tariff having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements.

### **C-2 SUPPLY AT 11 kV AND 33 kV**

1. This tariff is applicable to consumers receiving supply at 11 kV or 33 kV at one-point metering arrangement and having sanctioned load of up to and including 5000 kW.
2. The supply under this Tariff shall not be available to a prospective consumer unless he provides, to the satisfaction and approval of the Company, his own Transformer, Circuit Breakers and other necessary equipment as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively pays to the Company for all apparatus and equipment if so provided and installed by the Company. The recovery of the cost of service connection shall be regulated by the NEPRA eligibility criteria.
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff C-2(b) as set out in the Schedule of Tariff.
4. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to C-2(b).

### **C-3 SUPPLY AT 66 kV AND ABOVE**

1. This tariff is applicable to consumers having sanctioned load of more than 5000 kW receiving supply at 66 kV and above.
2. If the Grid Station required for provision of supply falls within the purview of the dedicated system under the NEPRA Eligibility Criteria, the supply under this Tariff shall not be available to such a prospective consumer unless he provides, to the satisfaction and approval of the Company, an independent grid station of his own including Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively, pays to the Company for all such Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus if so provided and installed by the Company. The recovery of cost of service connection shall be regulated by NEPRA Eligibility Criteria.
3. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to C-3(b).
4. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff C-3(b) as set out in the Schedule of Tariff.

## **D AGRICULTURAL SUPPLY**

“Agricultural Supply” means the supply for Lift Irrigation Pumps and/or pumps installed on Tube-wells intended solely for irrigation or reclamation of agricultural land or forests, and include supply for lighting of the tube-well chamber.

### **Special Conditions of Supply**

1. This tariff shall apply to:
  - i) Reclamation and Drainage Operation under Salinity Control and Reclamation Projects (SCARP):
  - ii) Bona fide forests, agricultural tube-wells and lift irrigation pumps for the irrigation of agricultural land.
  - iii) Tube-wells meant for aqua-culture, viz. fish farms, fish hatcheries and fish nurseries.
  - iv) Tube-wells installed in a dairy farm meant for cultivating crops as fodder and for upkeep of cattle.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. The lamps and fans consumption in the residential quarters, if any, attached to the tube-wells shall be charged entirely under Tariff A-1 for which separate metering arrangements should be installed.
4. The supply under this Tariff shall not be available to consumer using pumps for the irrigation of parks, meadows, gardens, orchards, attached to and forming part of the residential, commercial or industrial premises in which case the corresponding Tariff A-1, A-2 or Industrial Tariff B-1, B-2 shall be respectively applicable.

#### **D-1**

1. This tariff is applicable to all Reclamation and Drainage Operation pumping under SCARP related installation having sanctioned load of less than 5 kW.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. D-1(a) tariff given in the Schedule of Tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided TOU metering arrangement and shall be charged on the basis of Time-of- Use (T.O.U) tariff D-1(b) given in the Schedule of Tariff.
4. All the existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements and shall be governed by D-1(a) till that time.

#### **D-2**

1. This tariff is applicable to consumers falling under Agriculture Supply having sanctioned load less than 5 kW excluding SCARP related installations.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. D-2(a) tariff given in the Schedule of Tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided TOU metering arrangement and shall be charged on the basis of Time-of- Use (T.O.U) tariff D- 2(b) given in the Schedule of Tariff.
4. All the existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements and shall be governed by D-2(a) till that time.

### **E -1 TEMPORARY RESIDENTIAL/COMMERCIAL SUPPLY**

Temporary Residential/Commercial Supply means a supply given to persons temporarily on special occasions such as ceremonial, religious gatherings, festivals, fairs, marriages and other civil or military functions. This also includes supply to touring cinemas and persons engaged in construction works for all kinds of single phase loads. For connected load exceeding 4 kW, supply may be given at 400 volts (3 phase) to allow a balanced distribution of load on the 3 phases. Normally, temporary connections shall be allowed for a period of 3 months which can be extended on three months basis subject to clearance of outstanding dues.

#### **Special Conditions of Supply**

1. This tariff shall apply to Residential and Commercial consumers for temporary supply.
2. Ordinarily the supply under this Tariff shall not be given by the Company without first obtaining security equal to the anticipated supply charges and other miscellaneous charges for the period of temporary supply.

#### **E-2 TEMPORARY INDUSTRIAL SUPPLY**

"Temporary Industrial Supply" means the supply given to an Industry for the bonafide purposes mentioned under the respective definitions of "Industrial Supply", during the construction phase prior to the commercial operation of the Industrial concern.

#### **SPECIAL CONDITIONS OF SUPPLY**

1. Ordinarily the supply under this Tariff shall not be given by the Company without first obtaining security equal to the anticipated supply charges and other miscellaneous charges for the period of temporary supply.
2. Normally, temporary connections shall be allowed for a period of 3 months, which may be extended on three months basis subject to clearance of outstanding dues.

#### **F SEASONAL INDUSTRIAL SUPPLY**

"Seasonal Industry" for the purpose of application of this Tariff, means an industry which works only for part of the year to meet demand for goods or services arising during a particular season of the year. However, any seasonal industry running in combination with one or more seasonal industries, against one connection, in a manner that the former works in one season while the latter works in the other season (thus running throughout the year) will not be classified as a seasonal industry for the purpose of the application of this Tariff.

#### **Definitions**

1. "Year" means any period comprising twelve consecutive months.
2. All "Definitions" and "Special Conditions of Supply" as laid down under the corresponding Industrial Tariffs shall also form part of this Tariff so far as they may be relevant.

#### **Special Conditions of Supply**

1. This tariff is applicable to seasonal industry.
2. Fixed Charges per kilowatt per month under this tariff shall be levied at the rate of 125% of the corresponding regular Industrial Supply Tariff Rates and shall be recovered only for the period that the seasonal industry actually runs subject to minimum period of six consecutive months during any twelve consecutive months. The condition for recovery of Fixed Charges for a minimum period of six months shall not, however, apply to the seasonal industries, which are connected to the Company's Supply System for the first time during the course of a season.
3. The consumers falling within the purview of this Tariff shall have the option to change over to the corresponding industrial Supply Tariff, provided they undertake to abide by all the conditions and restrictions, which may, from time to time, be prescribed as an integral



part of those Tariffs. The consumers under this Tariff will have the option to convert to Regular Tariff and vice versa. This option can be exercised at the time of obtaining a new connection or at the beginning of the season. Once exercised, the option will remain in force for at least one year.

4. All seasonal loads shall be disconnected from the Company's Supply System at the end of the season, specified by the consumer at the time of getting connection, for which the supply is given. In case, however, a consumer requires running the non-seasonal part of his load (e.g., lights, fans, tube-wells, etc.) throughout the year, he shall have to bring out separate circuits for such load so as to enable installation of separate meters for each type of load and charging the same at the relevant Tariff.
5. Where a "Seasonal Supply" consumer does not come forward to have his seasonal industry re-connected with the Company's Supply System in any ensuing season, the service line and equipment belonging to the Company and installed at his premises shall be removed after expiry of 60 days of the date of commencement of season previously specified by the consumer at the time of his obtaining new connection/re-connection. However, at least ten clear days notice in writing under registered post shall be necessary to be given to the consumer before removal of service line and equipment from his premises as aforesaid, to enable him to decide about the retention of connection or otherwise. No Supply Charges shall be recovered from a disconnected seasonal consumer for any season during which he does not come forward to have his seasonal industry re-connected with the Company's Supply System.

#### **G PUBLIC LIGHTING SUPPLY**

"Public Lighting Supply" means the supply for the purpose of illuminating public lamps.

##### **Definitions**

"Month" means a calendar month or a part thereof in excess of 15 days.

##### **Special Conditions of Supply**

The supply under this Tariff shall be used exclusively for public lighting installed on roads or premises used by General Public.

#### **H RESIDENTIAL COLONIES ATTACHED TO INDUSTRIES**

This tariff is applicable for one-point supply to residential colonies attached to the industrial supply consumers having their own distribution facilities.

##### **Definitions**

"One Point Supply" for the purpose of this Tariff, means the supply given by one point to Industrial Supply Consumers for general and domestic consumption in the residential colonies attached to their factory premises for a load of 5 Kilowatts and above. The purpose is further distribution to various persons residing in the attached residential colonies and also for perimeter lighting in the attached residential colonies.

"General and Domestic Consumption", for the purpose of this Tariff, means consumption for lamps, fans, domestic applications, including heated, cookers, radiators, air-conditioners, refrigerators and domestic tube-wells.

"Residential Colony" attached to the Industrial Supply Consumer, means a group of houses annexed with the factory premises constructed solely for residential purpose of the bonafide employees of the factory, the establishment or the factory owners or partners, etc.

##### **Special Conditions of Supply**

The supply under this Tariff shall not be available to persons who meet a part of their requirements from a separate source of supply at their premises.

**I. TRACTION**

Supply under this tariff means supply of power in bulk to Railways for Railway traction only.

**J. SPECIAL CONTRACTS UNDER NEPRA (SUPPLY OF POWER) REGULATIONS 2015**

Supply for the purpose of this tariff means the supply given at one or more common delivery points;

- i. To a licensee procuring power from IESCO for the purpose of further supply within its respective service territory and jurisdiction.
- ii. To an O&M operator under the O&M Agreement within the meaning of NEPRA (Supply of Power) Regulations 2015 duly approved by the Authority for the purpose of further supply within the service territory and jurisdiction of the IESCO
- iii. To an Authorized agent within the meaning of NEPRA (Supply of Power) Regulations 2015, procuring power from the IESCO for further supply within the service territory and jurisdiction of the IESCO

**J-1 SUPPLY TO LICENSEE**

1. This tariff is applicable to a Licensee having sanctioned load of 20 MW and above receiving supply at 66 kV and above.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-1(b).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-1(b) as set out in the Schedule of Tariff.

**SUPPLY UNDER O&M AGREEMENT**

**J-2 (a) SUPPLY AT 11 KV AND 33 KV**

1. This tariff is applicable to an O&M operator receiving supply at 11 kV or 33 kV under the O&M Agreement duly approved by the Authority.

2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-2(c).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-2(c) as set out in the Schedule of Tariff.

**J-2 (b) SUPPLY AT 66 KV AND ABOVE**

1. This tariff is applicable to an O&M operator receiving supply at 66 kV & above under the O&M Agreement duly approved by the Authority.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-2(d).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-2(d) as set out in the Schedule of Tariff.

**SUPPLY TO AUTHORIZED AGENT**

**J-3 (a) SUPPLY AT 11 KV AND 33 KV**

1. This tariff is applicable to an authorized agent receiving supply at 11 kV or 33 kV.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-3(c).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-3(c) as set out in the Schedule of Tariff.

**J-3 (b) SUPPLY AT 66 KV AND ABOVE**

1. This tariff is applicable to an authorized agent receiving supply at 66 kV & above.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-3(d).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-3(d) as set out in the Schedule of Tariff.

**K. SPECIAL CONTRACTS**

Supply under this tariff means supply of power to Special Contracts, i.e. Government of Azad Jammu & Kashmir (AJK) and Rawat Lab at one point.

**DEPRECIATION EXPENSE**

Depreciation expense for future years will be assessed in accordance with the following formula/mechanism:

$$DEP_{(Rev)} = DEP_{(Ref)} \times \frac{GFAIO_{(Rev)}}{GFAIO_{(Ref)}}$$

Where:

- $DEP_{(Rev)}$  = Revised Depreciation Expense for the Current Year
  - $DEP_{(Ref)}$  = Reference Depreciation Expense for the Reference Year
  - $GFAIO_{(Rev)}$  = Revised Gross Fixed Assets in Operation for the Current Year
  - $GFAIO_{(Ref)}$  = Reference Gross Fixed Assets in Operation for the Reference Year
- 

**OTHER INCOME**

Other income will be assessed in accordance with the following formula/mechanism:

$$OI_{(Rev)} = OI_{(1)} + (OI_{(1)} - OI_{(0)})$$

Where:

- $OI_{(Rev)}$  = Revised Other Income for the Current Year
- $OI_{(1)}$  = Actual Other Income as per latest Financial Statements.
- $OI_{(0)}$  = Actual/Assessed Other Income used in the previous year.

**O&M EXPENSE**

The O&M part of Distribution Margin shall be indexed with CPI subject to adjustment for efficiency gains (X factor). Accordingly the O&M will be indexed every year according to the following formula:

$$O \& M_{(Rev)} = O \& M_{(Ref)} \times [1 + (\Delta CPI - X)]$$

Where:

$O \& M_{(Rev)}$  = Revised O&M Expense for the Current Year

$O \& M_{(Ref)}$  = Reference O&M Expense for the Reference Year

$\Delta CPI$  = Change in Consumer Price Index published by Pakistan Bureau of Statistics latest available on 1<sup>st</sup> July against the CPI as on 1<sup>st</sup> July of the Reference Year in terms of percentage.

X = Efficiency factor

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**RORB**

RORB assessment will be made in accordance with the following formula/mechanism:

$$RORB_{(Rev)} = RORB_{(Ref)} \times \frac{RAB_{(Rev)}}{RAB_{(Ref)}}$$

Where:

$RORB_{(Rev)}$  = Revised Return on Rate Base for the Current Year

$RORB_{(Ref)}$  = Reference Return on Rate Base for the Reference Year

$RAB_{(Rev)}$  = Revised Rate Base for the Current Year

$RAB_{(Ref)}$  = Reference Rate Base for the Reference Year

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**A. Target Projects in Next 5 Years:****A-1 Number of sub-projects under STG is as follows:****A-1.1 Grid Station Projects to Overcome Overloading and Low Voltage Problems at 132 kV Level:**

S. #	Description	Total Nos.	Total MVA	2015-16	2016-17	2017-18	2018-19	2019-20
1	New							
a)	132 kV	10	455	3	0	0	2	5
2	Conversion							
a)	66 to 132 kV	4	104	4	0	0	0	0
3	Augmentation							
a)	132 kV	43	1455	11	28	2	2	0
b)	66 kV	0	0	0	0	0	0	0
4	Extension (T/Bay)							
a)	132 kV	21	391	5	15	0	0	1
5	Extension (L/Bay)							
a)	132 kV	3	0	2	0	0	1	0
6	Sub-Total	81	2405	25	43	2	5	6

**A-1.2 New Transmission Line Projects to Overcome Power Evacuation Constraints:**

S. #	Description	Length KM	2015-16	2016-17	2017-18	2018-19	2019-20
1	132 kV D/C	218.19	51.19	0	62	0	105
2	132 kV SDT	270	190.00	0	0	25	55
3	Sub-Total	488.19	241.19	0	62	25	160

**A-1.3 2<sup>nd</sup> Circuit Stringing of Existing SDT Transmission Lines:**

S. #	Description	Length KM	2015-16	2016-17	2017-18	2018-19	2019-20
1	132 kV SDT	25	25	0	0	0	0
2	Sub-Total	25	25	0	0	0	0

**A-1.4 Reconductoring/Up-Gradation of Existing Transmission Lines:**

S. #	Description	Length KM	2015-16	2016-17	2017-18	2018-19	2019-20
1	132 kV D/C	107	75	0	7	0	25
2	Sub-Total	107	75	0	7	0	25

**A-1.5 Capacitor Installation Projects to Improve Power Factor:**

S. #	Description	MVAR	2015-16	2016-17	2017-18	2018-19	2019-20
1	11 kV Fixed	177.60	50.40	40.80	86.40	0	0
2	132 kV Switched	36	0	0	0	36	0
3	Sub-Total	213.60	50.40	40.80	86.40	36	0

**A-2 Names of New 132 kV Grid Stations and Transmission Lines under STG in Next 5 Years:**

Year	New 132 kV Grid Stations	New 132 kV Transmission Lines
2015-16	Sangjani – II Bhara Kahu Chakri Road	KTM-Chakri Road F/F Sangjani-II F/F Bhara Kahu F/F Chakri Road Basal-Jand Jand-Lakkarmar Lakkarmar-Tamman Talagang-DS Bilawal Tamman-Talagang
2016-17	NIL	NIL
2017-18	NIL	Chakwal-2 to C.S.Shah Chakwal-2 to Talagang Chakwal-2 to Neela I/O Gujjar Khan-Rawat for 132 kV Rawat Burhan-New Wah
2018-19	Rawat Burhan	Fatehjang-Tarnol
2019-20	Jhelum Cantt. Sanghoi Sohawa Khanpur Ghorghushti	Power Dispersal from Islamabad West to D-12 to E-8 (I/O) Power Dispersal from Islamabad West to Tarnol to F-11 (I/O) Power Dispersal from Sangjani to Zero Point to I-16 (I/O) Power Dispersal from New Kamra to Old Kamra to Sanjwal Power Dispersal from New Kamra to Faqirabad to Gondal Power Dispersal from New Kamra to Burhan to Nowshera Power Dispersal from Islamabad West to Bahter More Power Dispersal from Islamabad West to Taxila F/F Sohawa F/F Khanpur F/F Jhelum Cantt. F/F Sanghoi F/F Ghorghushti

**A-3 Number of sub-projects under DOP Expansion and Rehabilitation are as follows:**

**A-3.1 DOP Expansion Projects to Cater Future Demand:**

Sr. #	Description	Unit	Quantities					Total
			2015-16	2016-17	2017-18	2018-19	2019-20	
Scope of Work for 11 kV and Below Expansion								
1	New HT Lines							
	Number of proposals	Nos.	16	16	16	16	18	82
	Length of new HT line	Km	164	164	164	164	165	820
	HT line Reconductoring	Km	164	164	164	164	164	820
2	Transformers (Replacement)							
	a. 50 KVA	Nos.	45	45	45	45	46	226
	b. 100 KVA	Nos.	90	90	90	90	90	450
	c. 200 KVA	Nos.	45	45	45	45	46	226
	d. others KVA	Nos.	0	0	0	0	0	0
	Sub Total	Nos.	180	180	180	180	182	902
3	Transformers (New Substations)							
	a. 50 KVA	Nos.	23	23	23	23	23	113
	b. 100 KVA	Nos.	45	45	45	45	45	225
	c. 200 KVA	Nos.	23	23	23	23	23	113
	d. others KVA	Nos.	0	0	0	0	0	0
	Sub Total	Nos.	90	90	90	90	90	451
4	11 KV Capacitors							
	a. Fixed 450 KVAR	Nos.	16	16	16	16	18	82
	b. Fixed 900 KVAR	Nos.	0	0	0	0	0	0
	c. Others	Nos.	0	0	0	0	0	0
	Sub Total	Nos.	16	16	16	16	18	82
5	11 KV Panel	Nos.	16	16	16	16	18	82
Scope of Work for LT Expansion								
1	New LT Lines							
	Number of proposals	Nos.	270	270	270	270	273	1353
	Length of new LT line	Km	44	44	44	44	44	220
	LT line Reconductoring	Km	36	36	36	36	36	182
2	LT Capacitors							
	a. Different KVARs	Nos.	60	60	60	60	60	300

**A-3.2 DOP Rehabilitation Projects to Reduce Overloading at 11 kV Level:**

Sr. #	Description	Unit	Quantities					Total
			2015-16	2016-17	2017-18	2018-19	2019-20	
Scope of Work for 11 kV and Below Rehabilitation								
1	Rehabilitation of HT Lines							
	Number of proposals	Nos.	20	20	20	20	20	100
	Bifurcation (New Line Addition)	Km	200	200	200	200	200	1000
	Reconductoring	Km	200	200	200	200	200	1000
	Re-routing	Km	0	0	0	0	0	0
2	Replacement of Overloaded Transformers							
	a. 50 KVA	Nos.	55	55	55	55	55	275
	b. 100 KVA	Nos.	110	110	110	110	110	550
	c. 200 KVA	Nos.	55	55	55	55	55	275
	h. others KVA	Nos.	0	0	0	0	0	0



	<b>Sub Total</b>	Nos.	220	220	220	220	220	1100
3	<b>New Sub Stations</b>							
	a. 50 KVA	Nos.	27	27	27	27	29	137
	b. 100 KVA	Nos.	55	55	55	55	56	276
	c. 200 KVA	Nos.	27	27	27	27	29	137
	d. others KVA	Nos.	0	0	0	0	0	0
	<b>Sub Total</b>	Nos.	109	109	109	109	114	550
4	<b>11 KV Capacitors</b>							
	a. Fixed 450 KVAR	Nos.	20	20	20	20	20	100
	b. Fixed 900 KVAR	Nos.	0	0	0	0	0	0
	c. Others	Nos.	0	0	0	0	0	0
	<b>Sub Total</b>	Nos.	20	20	20	20	20	100
5	11 KV Panels	Nos.	20	20	20	20	20	100

<b>Scope of Work for LT Rehabilitation</b>								
1	<b>LT Lines Rehabilitation</b>							
	Number of proposals	Nos.	330	330	330	330	330	1650
	Bifurcation, Re-routing, shifting of transformer to load center (New Line Addition)	Km	53.6	53.6	53.6	53.6	53.6	268
	Reconductoring of LT Line	Km	44	44	44	44	44	222
2	<b>LT Capacitors</b>							
	a. Different KVARs	Nos.	60	60	60	60	60	300

A-4 Number of sub-projects under ELR Program is as follows:

A-4.1 Energy Loss Reduction Projects to Reduce T&D Losses through GIS Mapping:

4.1 Energy Loss Reduction Projects to Reduce T&D Losses through GIS Mapping									
Sr. #	Description	Unit	Quantities						
			2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	Total
GIS Mapping									
1	HT Mapping								
	Number of 11 kV Feeders	Nos.	150	186	198	199	200	200	1133
	Length of HT Lines mapped	Km	120	5402	5414	5426	5437	5449	27250
2	LT Mapping								
	Number of Transformers	Nos.	6750	8330	8358	8388	8416	8450	48693
	Length of LT Lines mapped	Km	101	5546	5560	5572	5586	5600	27964
3	Tools Required								
	GIS Mapping Software Licenses	Nos.	2	2	9	10	4	0	25
	Hardware including plotters, computers, GPS devices etc	Nos.	1	12	46	120	104	76	357

Sr. #	Description	Unit	Quantities						
			2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	Total
Study Based Planning using GIS Maps with Modern Planning Tools - Transition Plan									
1	HT								
	Number of HT Lines Analyzed	Nos.	150	186	198	199	200	200	1133
2	LT								
	Number of LT Lines Analyzed	Nos.	6750	8330	8358	8388	8416	8450	48693
3	Tools Required								
	Simulation Software Licenses	Nos.	1	2	9	10	4	0	25
	Hardware including plotters, computers etc.	Nos.	0	4	18	20	8	0	50

A-5 Sub-projects under Commercial Improvement Plan are as follows:

A-5.1 Projects to Reduce Metering Complaints/Errors

		Define Scope					
		2015-16	2016-17	2017-18	2018-19	2019-20	Total
A	AMI Metering					Smart Metering of Rawalpindi Circle	
B	Electronic Metering						
C	New CIS system	Study & System Analysis	Implementation of CIS + CRM	Implementation of CIS + CRM	Operation & Maintenance	Operation & Maintenance	
D	HHUs for meter reading	Implementation of Meter Reading through smart device /HHU in entire company	Replacement of Smart Phone with HHU	Day to day Operation	Day to day Operation	Day to day Operation	/
E	Consumer Census			50% Consumers		50% Consumers	100% Consumers
F	IT infrastructure to support new initiatives	Installation of Work Station & Server for HHU & ERP. Data Center & Server for ERP	Data Center for CIS. Networking for ERP & CIS	Maintenance of Data Center, Servers & Work Stations	Maintenance of Data Center, Servers & Work Stations	Maintenance of Data Center, Servers & Work Stations	\

A-5.2 Detail of AMI/AMR Metering Plan

S. #	Description	Nos.
A	Single Phase AMI Meters (Domestic)	697,160
B	Single Phase AMI Meters (Commercial)	77,463
C	Three Phase AMI Meters (Commercial)	85,185
D	Meters (Sub Stations)	238
E	Meters (Dist. Transformers)	14,955
F	Meters (Bulk/industrial consumers)	4,617
<b>Total</b>		<b>879,618</b>

**A-6. Sub-projects under the head of Vehicle, Mechanical Tools and Plants are as follows:**

**A-6.1 Vehicles Required for STG, DOP and ELR Operations:**

Sr. #	Description	Unit	Quantities					Total
			2015-16	2016-17	2017-18	2018-19	2019-20	
1	Heavy Vehicles (Trucks)	No.	2	2	2	2	3	11
2	Light Vehicles (Pickup Single Cabin)	No.	7	8	8	8	11	42
3	Cars	No.	0	0	0	0	0	0
4	Bucket Mounted Trucks	No.	2	2	2	2	3	11
5	Motor cycles	No.	14	16	16	16	16	78
6	Jeeps (4x4)	No.	3	6	2	6	4	21
7	Light Vehicle (Pickup Shehzore)	No.	7	8	8	8	8	39
	<b>Sub Total</b>	<b>No.</b>	<b>35</b>	<b>42</b>	<b>38</b>	<b>42</b>	<b>45</b>	<b>202</b>

**A-6.2 Mechanical Tools & Plants:**

S. #	Description	Qty.	Rate (Rs.)	Cost (Rs.)
<b>A</b>	<b>Sub Division</b>			
1	Earthing Set	2	3296	6592
2	Farth Tester	1	49176	49176
3	Megger (1000 volts)	1	27200	27200
4	Measuring Tape	1	610	610
5	Fiber Glass Extension Ladder	2	5800	11600
6	Cuffing Hoist (1500 kg)	1	6400	6400
7	Galvanized Steel Bucket	4	300	1200
8	Fiber Extinguisher	3	5900	17700
9	Clip on Volt Amp Meter	2	1489	2978
10	Clip on kW Meter	1	8600	8600
11	Stop Watch	1	1950	1950
12	Black Smith Anvil (76 kg)	1	2025	2025
13	Chain Pulley Block (5 ton)	1	12225.60	12225.60
	<b>Sub-Total</b>			<b>148256.60</b>
<b>B</b>	<b>Crew T&amp;P</b>			
1	Fiber Glass Extension Ladder	8	18500	148000
2	Cuffing Hoist (750 kg)	8	4800	38400
3	Chain Pulley Block (3 ton)	8	4765	38120
4	Nylon Rope (19 mm dia)	8	9147.6	73180.8
5	Pick Axes	16	64.8	1036.8
6	Kassies	8	162	1296
7	First Aid Box	8	740	5920
8	DEOJ Spanner (9/6" x 5/8")	8	877.5	7020
9	DEOJ Spanner (5/8" x 3/4")	8	877.5	7020
10	Pulling Grip (6-10 mm)	8	520	4160
11	Pulling Grip (12-15 mm)	8	820	6560
12	Hammers	16	108	1728
	<b>Sub-Total</b>			<b>332441.6</b>
<b>C</b>	<b>Personal Line Man T&amp;P</b>			
1	Safety Hat Insulated	42	260	10920
2	Line Man Safety Belt	56	900	50400
3	Rubber Gloves (Pair)	70	1800	126000
4	Protective Gloves (Pair)	70	110	7700

5	Line Man Safety Boots (8,9,10 size)	70	1500	105000
6	Live Wire Tester (400 volts)	28	160	4480
7	Line Man Knife	42	100	4200
8	Insulated Screw Driver	28	140	3920
9	Rain Coat	28	900	25200
10	Torch 3 Cells	70	350	24500
11	D-Operating Rod	56	1500	84000
12	Insulated Plier	70	640	44800
13	Adjustable Screw Wrench	42	350	14700
14	Line Men Tool Bag	56	700	39200
	<b>Sub-Total</b>			<b>545020</b>
<b>D</b>	<b>ALM Personal T&amp;P</b>			
1	Safety Hat Insulated	48	260	12480
2	Line Man Safety Boots (8,9,10 size)	120	1500	180000
3	Insulated Screw Driver	72	140	10080
4	Line Man Knife	72	100	7200
5	Rain Coat	72	900	64800
6	Insulated Plier	72	640	46080
7	Line Men Tool Bag	72	700	50400
	<b>Sub-Total</b>			<b>371040</b>

#### A-7. Sub-projects under Civil Works are as follows:

Enhancement in the number of sub-divisions, divisions, revenue offices and operation circles is essential to provide prompt/effective services to the prospective new consumers in next 5 years. The restraining instructions are that IESCO will not claim additional amount on recruitment of new employees. The number of employees may vary but the allowance in salaries etc. will remain the same. There is no need for construction circles, construction division and construction sub-division as the job of construction would be out sourced and for the purpose of supervision, the existing strength of supervisory staff is ample. The following projects under the Civil Works are allowed:

##### A-7.1 List of New Offices and Buildings

S. #	Description	Unit	2015-16	2016-17	2017-18	2018-19	2019-20	Total
1	New Grid Stations	No.	3	0	0	2	5	10
2	New GSO Circle	No.	0	0	0	0	0	0
3	P&I Divisions	No.	0	0	0	0	1	1
4	SS & T Divisions	No.	0	0	0	0	1	1
5	Operation Sub Divisions	No.	7	8	8	8	8	39
6	Operation Divisions	No.	2	2	2	2	3	11
7	Revenue Offices	No.	2	2	2	2	3	11
8	Operation Circles	No.	0	1	0	1	0	2
9	Construction Circle	No.	0	0	0	0	0	0
10	Construction Divisions	No.	0	0	0	0	0	0
11	AE Transmission SS&TL	No.	0	0	0	0	1	1
12	AE Maintenance Grids	No.	0	0	0	0	1	1
13	Other offices	No.	0	0	0	0	0	0
	<b>Total</b>	<b>No.</b>	<b>14</b>	<b>13</b>	<b>12</b>	<b>15</b>	<b>23</b>	<b>77</b>

A-8. Sub-projects under Financial Improvement Plan are as follows:

Description		Define Scope				
		2015-16	2016-17	2017-18	2018-19	2019-20
A	ERP system implementation	Implementation of ERP (Financial)	Implementation of ERP (Financial)	Maintenance	Maintenance	Maintenance

A-9. Sub-projects under Communication Improvement Plan are as follows:

Description		Define Scope				
		2015-16	2016-17	2017-18	2018-19	2019-20
A	Improving Internal Communications with Employees	<ul style="list-style-type: none"> <li>• IESCO Web Updation with reference to HR activities</li> <li>• Cell Phones to Supervisory Staff</li> <li>• Computer Networking, E-office at IESCO HQ</li> </ul>	<ul style="list-style-type: none"> <li>• Link of HRIS HQ with Circle Offices and Electronic communication through E-Mail</li> <li>• Cell Phones to Line Staff</li> <li>• Computer Networking &amp; E-Office at Circle</li> </ul>	<ul style="list-style-type: none"> <li>• Link of HRIS HQ at Division level and updation of HRIS</li> <li>• Tablets to Officers</li> <li>• Computer Networking &amp; E-Office at Division &amp; Sub Division level</li> </ul>	NIL	NIL

A-10. Sub-projects under Human Resource Improvement Plan are as follows:

Description		Define Scope					
		FY2015-16	FY2016-17	FY2017-18	FY2018-19	FY2019-20	Total
A	Revamping of Training Centers	(1) Revamping of RTC (2) Computer Lab at RTC (3) Development of practical Yard at RTC	(1) Technical Lab at RTC. (2) Revamping of 2x CTCs and establishment of Computer Labs. (3) Development of Practical Yard at CTCs	(1) Revamping of remaining 3x CTCs. (2) Establishment of Computer Labs (3) Technical Lab at CTCs			
B	Provision of Safety T&P and promoting safety culture	(1) Provision of Safety T&P at RTC & CTCs on need basis. (2) Safety Seminars at Operational Circle & Division Offices on Quarterly basis	(1) Provision of Safety T&P at RTC & CTCs on need basis. (2) Safety Seminars at Operational Circle & Division Offices on Quarterly basis	(1) Provision of Safety T&P at RTC & CTCs on need basis. (2) Safety Seminars at Operational Circle & Division Offices on Quarterly basis	(1) Provision of Safety T&P at RTC & CTCs on need basis. (2) Safety Seminars at Operational Circle & Division Offices on Quarterly basis	(1) Provision of Safety T&P at RTC & CTCs on need basis. (2) Safety Seminars at Operational Circle & Division Offices on Quarterly basis	
C	Training of employees through external training institutions	580 No.	350 No.	500 No.	550 No.	600 No.	2580 No.
D	Human Resource Information System Implementation	ERP system will be implemented in IESCO HQ	The HRIS at Circle level and linked with IESCO HQ	The HRIS at Divisions/R.Os level and linked with Circle & HQ	The HRIS at Sub Divisions level	The HRIS at Grid Stations & Sub Offices level	
E	Conducting the yard stick study						
F	IT infrastructure to support new initiatives	Installation of Work Station & Server for HHU & ERP. Data Center & Server for ERP	Data Center for CIS. Networking for ERP & CIS	Maintenance of Data Center, Servers & Work Stations	Maintenance of Data Center, Servers & Work Stations	Maintenance of Data Center, Servers & Work Stations	

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 Section Officer (Tariff) BS-18  
 Ministry of Water & Power  
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Government of Pakistan  
Ministry of Energy  
\*\*\*\*\*

Islamabad, the 22nd March, 2018.

**NOTIFICATION**

S.R.O. 378 (I)/2018. - In pursuance of sub-section (4) & (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), and in supersession of its notification No. S.R.O. 570(I)2015, dated the 10<sup>th</sup> June, 2015, the Federal Government is pleased to notify the National Electric Power Regulatory Authority's in field determined Schedule Of Electricity Tariffs for the Lahore Electric Supply Company Limited (LESCO), subject to and alongwith amount of subsidy and surcharges, with immediate effect, as attached herewith. The Order dated September 18, 2017 and October 23, 2017 of the Authority at Annex-I and IA, Fuel Price Adjustment Mechanism and Quarterly/Biannual Adjustment Mechanism at Annex-II and IIA, LESCO Estimated Sales Revenue in field at Annex-III, LESCO Power Purchase Price at Annex-IV, the Terms and Conditions of Tariff (For Supply Of Electric Power To Consumers By Distribution Licensee) at Annex-V, the Adjustment Mechanism for Component Wise Cost at Annex-VI and Allowed Total Investment at Annex-VII to this notification is notified, in respect of LESCO.

2. Provided that in pursuance of sub-section (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), the Federal Government is pleased to notify that there shall be levied with immediate effect a surcharge namely, "Tariff Rationalization Surcharge" at the rate mentioned against categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by LESCO, during each of the billing month, for maintaining uniform rates of electricity across the country for each of the consumer category. LESCO shall deposited the amount of Tariff Rationalization Surcharge in a Fund called the "Tariff Rationalization Fund" to be kept in the Escrow Account maintained at Central Power Purchasing Agency (Guarantee) Limited and utilized exclusively for discharging of determined cost of power producers. The Tariff Rationalization Surcharge shall be considered as a cost incurred by LESCO and included in the tariff determined by NEPRA.

3. Provided further that in pursuance of sub-section (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), the Federal Government is pleased to notify that there shall be levied with immediate effect a surcharge namely, "Financing Cost Surcharge" at the rate and categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by LESCO, during each of the billing month. LESCO shall deposited the amount of Financing Cost Surcharge in a Fund called the "Financing Cost Fund" to be kept in the Escrow Account maintained at Central Power Purchasing Agency (Guarantee) Limited for the exclusive use of discharging the financing cost of various loans obtained to discharge liabilities of power producers against the sovereign guarantees of the Government of Pakistan. The Financing Cost Surcharge shall be considered as a cost incurred by LESCO and included in the tariff determined by NEPRA.

4. Provided further that there shall be levied till the 30th June, 2018, Neelum-Jhelum Surcharge at the rate and categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by LESCO, during each of the billing month and such surcharge shall be deposited in a Fund called the "Neelum-Jhelum Hydro Power Development Fund" to be kept in the Escrow Account of the Neelum-Jhelum Company for exclusive use for the Neelum-Jhelum Hydro Power Project.



Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FYA 2016 Rs/kWh	Write-off Charges Rs/kWh	FYA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation			
								Subsidy		Surcharge	
								FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh
a)	For Sanctioned load less than 5 kW	-	-	-	-	-	-	-	-	-	-
	Up to 50 Units	-	4.00	-	-	-	4.00	-	2.00	-	-
	For Consumption exceeding 50 Units	-	-	-	-	-	-	-	-	-	-
	001 - 100 Units	-	9.17	(0.97)	0.17	1.15	9.32	-	3.73	-	-
	101 - 200 Units	-	10.97	(0.97)	0.17	1.15	11.32	-	3.21	-	-
	201 - 300 Units	-	11.97	(0.97)	0.17	1.16	12.33	-	2.13	-	-
	301 - 700 Units	-	13.74	(0.99)	0.17	1.16	14.08	-	-	-	1.92
	Above 700 Units	-	15.68	(0.98)	0.17	1.17	16.04	-	-	-	1.96
	For Sanctioned load 5 kW & above	-	-	-	-	-	-	-	-	-	-
	Time Of Use	-	-	-	-	-	-	-	-	-	-
		Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak
		15.67	9.17	(0.97)	0.17	1.17	1.17	16.04	9.54	1.98	2.96

As per Authority's decision residential consumers will be given the benefits of only one previous slab.  
Under tariff A-1, there shall be minimum monthly customer charge at the following rates even if no energy is consumed.

- a) Single Phase Connections: Rs. 75/- per consumer per month  
b) Three Phase Connections: Rs. 150/- per consumer per month  
Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	FYA 2016	Write-off Charges	FYA 2017	Total Variable Charges	GoP Tariff Rationalisation			
								Subsidy		Surcharge	
								FIXED CHARGES	VARIABLE CHARGES	VARIABLE CHARGES	
		Rs/kW/M	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kW/M	Rs/kWh	Rs/kWh	
		A	B	C	D	E	F				
a)	For Sanctioned load less than 5 kW	400.00	15.37	(0.97)	0.17	1.16	15.73			2.37	
	For Sanctioned load 5 kW & above		11.37	(0.97)	0.17	1.19	11.76			4.24	
c)	Time Of Use	400.00	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	
			15.67	9.17	(0.97)	0.17	1.17	1.17	16.04	9.54	1.98

Under tariff A-2, there shall be minimum monthly charges at the following rates even if no energy is consumed.

- a) Single Phase Connections: Rs. 175/- per consumer per month  
b) Three Phase Connections: Rs. 350/- per consumer per month  
Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FYA 2016 Rs/kWh	Write-off Charges Rs/kWh	FYA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation			
								Subsidy		Surcharge	
								FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh
a)	General Services	-	13.48	(0.97)	0.17	1.16	13.84	-	-	-	0.81

Under tariff A-3, there shall be minimum monthly charges at the following rates even if no energy is consumed.

- a) Single Phase Connections: Rs. 175/- per consumer per month  
b) Three Phase Connections: Rs. 350/- per consumer per month  
Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	FYA 2016	Write-off Charges		FYA 2017	Total Variable Charges	GoP Tariff Rationalisation			
					R <sub>s</sub> /kWh	R <sub>s</sub> /kWh			FIXED CHARGES	VARIABLE CHARGES	VARIABLE CHARGES	
												R <sub>s</sub> /kW/M
		A	B	C	D	E	F					
B1	Upto 25 kW (at 400/230 Volts)		11.37	(0.97)	0.17	1.17	11.74				2.74	
B2(a)	exceeding 25-500 kW (at 400 Volts)	400.00	10.87	(0.97)	0.17	1.17	11.24				2.70	
	Time Of Use											
B1 (b)	Up to 25 KW		15.67	9.17	(0.97)	0.17	1.17	1.22	16.04	9.59	1.96	2.91
B3(b)	exceeding 25-500 kW (at 400 Volts)	400.00	15.67	8.97	(0.97)	0.17	1.17	1.19	16.04	9.36	1.96	2.93
B4		380.00	15.67	8.77	(0.97)	0.17	1.17	1.19	16.04	9.16		
	For All Loads upto 5000 kW (at 11.33kV)										1.96	3.04
	For All Loads (at 66, 132 kV & above)	360.00	15.67	8.67	(0.97)	0.17	1.17	1.17	16.04	9.04	1.98	3.06

- For B1 consumers there shall be a fixed minimum charge of Rs. 380 per month.  
For B2 consumers there shall be a fixed minimum charge of Rs. 2,000 per month.  
For B3 consumers there shall be a fixed minimum charge of Rs. 50,000 per month.  
For B4 consumers there shall be a fixed minimum charge of Rs. 500,000 per month.  
Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES		FYA 2016		Write-off Charges		FYA 2017		Total Variable Charges		GoP Tariff Rationalisation			
													Subsidy		Surcharge	
													FIXED CHARGES	VARIABLE CHARGES	FIXED CHARGES	VARIABLE CHARGES
		Rs/kW/M	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kW/M	Rs/kWh	Rs/kW/M	Rs/kWh					
		A	B	C		D		E		F						
C-1	For supply at 400/230 Volts															
	a) Sanctioned load less than 5 kW		11.87	(0.97)	0.17	1.17	12.24							2.76		
C-2(a)	b) Sanctioned load 5 kW & up to 300 kW	400.00	11.37	(0.97)	0.17	1.17	11.74							2.76		
	For supply at 11.33 kV up to and including 5000 kW	380.00	11.17	(0.97)	0.17	1.17	11.54							2.76		
C-3(a)	For supply at 66 kV & above and sanctioned load above 5000 kW	360.00	11.07	(0.97)	0.17	1.17	11.44							2.76		
C-1(a)	Time Of Use		Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak		
	For supply at 400/230 Volts 5 kW & up to 300 kW	400.00	15.67	9.17	(0.97)	(0.97)	0.17	0.17	1.17	1.22	16.04	9.59	1.96	2.91		
C-2(b)	For supply at 11.33 kV up to and including 5000 kW	380.00	15.67	8.97	(0.97)	(0.97)	0.17	0.17	1.17	1.19	16.04	9.36	1.96	2.94		
C-3(b)	For supply at 66 kV & above and sanctioned load above 5000 kW	360.00	15.67	8.77	(0.97)	(0.97)	0.17	0.17	1.17	1.19	16.04	9.16	1.96	3.04		

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES  Rs/kW/M	VARIABLE CHARGES  Rs/kWh	FYA 2016  Rs/kWh	Write-off Charges  Rs/kWh	FYA 2017  Rs/kWh	Total Variable Charges  Rs/kWh	GoP Tariff Rationalisation								
								Subsidy				Surcharge				
								FIXED CHARGES Rs/kW/M		VARIABLE CHARGES Rs/kWh		VARIABLE CHARGES Rs/kWh		VARIABLE CHARGES Rs/kWh		
		A	B		C		D		E		F					
D-1(a)	SCARP less than 5 kW	200.00	12.77	(0.97)		0.17		1.17		13.14					1.14	
D-2 (a)	Agricultural Tube Wells		13.07	(0.97)		0.17		1.17		13.44					1.94	
			Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak
D-1(b)	SCARP 5 kW & above	200.00	15.67	8.77	(0.97)	(0.97)	0.17	0.17	1.17	1.17	16.04	9.14	1.04	0.29		
D-2 (b)	Agricultural 5 kW & above	200.00	15.67	8.77	(0.97)	(0.97)	0.17	0.17	1.17	1.17	16.04	9.14	5.69	0.29		

In addition to above mentioned subsidy on variable charges, the fixed charges applicable to private agriculture consumers under tariff D-2 and D-1 (b) is also picked by GoP as Subsidy.

Under this tariff, there shall be minimum monthly charges Rs.2000/- per consumer per month, even if no energy is consumed.

Note: The consumers having sanctioned load less than 5 kW can opt for TOU metering.

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FYA 2016 Rs/kWh	Write-off Charges Rs/kWh	FYA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation			
								Subsidy		Surcharge	
								FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh
E-1(i)	Residential Supply	-	14.82	(0.97)	0.17	1.17	15.19				7.07
E-1(ii)	Commercial Supply	-	15.37	(0.97)	0.17	1.17	15.74				6.81
E-2	Industrial Supply	-	11.37	(0.97)	0.17	1.17	11.74				8.11

For the categories of E-1(i)&(ii) above, the minimum bill of the consumers shall be Rs. 50/- per day subject to a minimum of Rs.500/- for the entire period of supply, even if no energy is consumed.

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

#### 125% of relevant industrial tariff

Note: Tariff-F consumers will have the option to convert to Regular Tariff and vice versa. This option can be exercised at the time of a new connection or at the beginning of the season. Once exercised, the option remains in force for at least one year.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FYA 2016 Rs/kWh	Write-off Charges Rs/kWh	FYA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation			
								Subsidy		Surcharge	
								FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh
	Street Lighting	-	14.47	(0.97)	0.17	1.17	14.84				8.16

Under Tariff G, there shall be a minimum monthly charge of Rs.500/- per month per kW of lamp capacity installed.

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FYA 2016 Rs/kWh	Write-off Charges Rs/kWh	FYA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation			
								Subsidy		Surcharge	
								FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh
	Residential Colonies attached to industrial	-	14.47	(0.97)	0.17	1.17	14.84				0.19

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FYA 2016 Rs/kWh	Write-off Charges Rs/kWh	FYA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation			
								Subsidy		Surcharge	
								FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh
	Railway Traction	-	14.47	(0.97)	0.17	1.17	14.84				0.19

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	FYA 2016	Write-off Charges		FYA 2017	Total Variable Charges		GoP Tariff Rationalisation			
										Subsidy		Surcharge	
FIXED CHARGES	VARIABLE CHARGES	VARIABLE CHARGES											
			Rs/kW/M	Rs/kWh	Rs/kWh								
A	B	C	D	E	F								
J-1	For supply at 66 kV & above and having sanctioned load of 20MW & above	360.00	11.07	[0.97]	0.17	1.17	11.44						
J-2	(a) For supply at 11.33 kV	380.00	11.17	[0.97]	0.17	1.17	11.54						
J-3	(b) For supply at 66 kV & above	360.00	11.07	[0.97]	0.17	1.17	11.44						
	(a) For supply at 11.33 kV	380.00	11.17	[0.97]	0.17	1.17	11.54						
	(b) For supply at 66 kV & above	360.00	11.07	[0.97]	0.17	1.17	11.44						
	Time Of Use		Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak		Peak	Off-Peak
J-1(b)	For supply at 66 kV & above and having sanctioned load of 20MW & above	360.00	15.67	8.77	[0.97]	[0.97]	0.17	0.17	1.17	1.19	16.04	9.16	
J-2 (a)	For supply at 11.33 kV	380.00	15.67	8.97	[0.97]	[0.97]	0.17	0.17	1.17	1.19	16.04	9.36	
J-2 (b)	For supply at 66 kV & above	360.00	15.67	8.77	[0.97]	[0.97]	0.17	0.17	1.17	1.19	16.04	9.16	
J-3 (a)	For supply at 11.33 kV	380.00	15.67	8.97	[0.97]	[0.97]	0.17	0.17	1.17	1.19	16.04	9.36	
J-3 (b)	For supply at 66 kV & above	360.00	15.67	8.77	[0.97]	[0.97]	0.17	0.17	1.17	1.19	16.04	9.16	

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Note:

\* Minimum Wholesaler Surcharge\* at the rate of Rs. 0.15/kWh applicable to all electricity consumers except lifeline domestic consumers of the category "Residential A-1" for electricity sold.

\* Financing Cost Surcharge\* at the rate of Rs. 0.43/kWh applicable to all the electricity consumers except lifeline domestic consumers of the category "Residential A-1" for electricity sold.

ORDER

From what has been discussed above, the Authority hereby re-determines the tariff of LESCO for the Financial Year 2015-16 as under;

- I. Faisalabad Electric Supply Company Limited (LESCO) is allowed to charge its consumers such tariff as set out in the schedule of tariff for LESCO annexed to the determination.
- II. The actual variation in fuel cost component of power purchase price against the reference fuel cost component shall be adjusted on monthly basis without taking into account the T&D losses. The monthly fuel price adjustment shall be based on the actual information submitted by CPPA (G), adjustment of remaining components of PPP will be adjusted biannually. Here it is pertinent to mention that while making biannual adjustments of the PPP, the Authority may rationalize the SoT accordingly.
- III. LESCO is allowed to charge the users of its system a "Use of system charge" (UOSC) equal to:

- i) Where only 132 kV system is involved

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.02)} \times AFI(T) \text{ Paisa / kWh}$$

- ii) Where only 11 kV distribution systems is involved.

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.06)} \times AFI(D) \text{ Paisa / kWh}$$

- iii) Where both 132 kV and 11 kV distribution systems are involved.

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.08)} \times AFI(TD) \text{ Paisa / kWh}$$

Where:

Gross Distribution Margin for FY 2015-16 is set at Rs.1.55/kWh (without excluding impact of other income)

'L' is the overall percentage loss assessment for the respective year.

AFI (T) = Adjustment factor for investment at 132 kV level i.e. 29%

AFI (D) = Adjustment factor for investment at 11 kV level i.e. 21%.

AFI (TD) =Adjustment factor for investment at both 132 kV & 11 kV level i.e. 52%.

IV. The residential consumers will be given the benefit of only one previous slab.

V. LESCO is hereby allowed the T&D losses of 11.76% for the FY 2015-16 and the following target of T&D losses for the tariff control period;

Year	2015-16	2016-17	2017-18	2018-19	2019-20
Transmission Losses	2.10%	2.05%	1.97%	1.87%	1.75%
Distribution Losses	9.66%	8.83%	8.06%	7.21%	6.25%
T&D losses target	11.76%	10.88%	10.03%	9.08%	8.00%

VI. LESCO is hereby allowed a total investment of Rs.93,832 million including Rs.19,406 million as consumer contribution as given hereunder. Detail attached as Annexure-VII;

Million Rs.

Description	2015-16	2016-17	2017-18	2018-19	2019-20	Total
STG (Expansion & Rehabilitation)	4573	5724	6798	6349	4057	27501
Distribution (Expansion & Rehabilitation)	1341	1598	1876	2190	2485	9490
Cost of Vehicles	427	158	165	174	182	1106
Cost of T & P	250	263	276	290	304	1383
Cost of Civil Works	565	593	623	654	687	3122
Cost of ERP system	173	182	191	200	210	956
Cost of GIS Mapping Plan	6	22	20	34	36	118
HR Improvement Plan	0	0	0	0	0	0
TOU/Electronic Metering & HHUs	150	150	150	150	150	750
AMR/AMI Plan	0	7500	7500	7500	7500	30000
Financial Improvement Plan	0	0	0	0	0	0
Communication Improvement Plan	0	0	0	0	0	0
Total	7485	16189	17599	17541	15611	74426
Consumer Contribution	3341	3592	3860	4151	4462	19406
Grand Total	10826	19781	21459	21692	20073	93832

VII. Tariff under Colum 'A' and 'D' of Annex-III shall remain applicable for one year from the date of notification. Colum 'C' of Annex-III shall cease to exist after one year and

only Colum 'A' and 'B' of Annex-III would remain applicable till the same is superseded by next notification.

VIII. The Authority hereby determines and approves the following component wise cost & its adjustments mechanism in the matter of LESCO for the FY 2015-16.

TARIFF COMPONENT	Assessed Cost FY 2015-16	ADJUSTMENTS/ INDEXATION	TIME LINES
POWER PURCHASE PRICE			
Energy Purchase Price			
Fuel Cost	106,280	Monthly, as per the approved mechanism.	Data to be provided by CPPA (G) by 3 <sup>rd</sup> of close of the month
Variable O&M	5,890	Biannually, as per the approved mechanism.	Request to be furnished by the LESCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
Capacity Charges	48,623	Biannually, as per the approved mechanism.	Request to be furnished by the LESCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
Use of System Charges	6,206	Biannually, as per the approved mechanism.	Request to be furnished by the LESCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
T&D Losses	11.76%	Biannually, as per the approved mechanism.	Request to be furnished by the LESCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
NET DISTRIBUTION MARGIN	22,463		
O&M Cost			
Salaries, wages & other benefits	8,466	Annually, as per Annex-VI	Request to be submitted by LESCO by 7 <sup>th</sup> July every year.
Post-Retirement benefits	9,002	As per the decision	
Repair and Maintenance	1,513	Annually, as per Annex-VI	Request to be submitted by LESCO by 7 <sup>th</sup> July every year.
Other operating expenses	1,499	Annually, as per Annex-VI	Request to be submitted

			by LESCO by 7 <sup>th</sup> July every year.
Depreciation	2,784	Annually, as per Annex-VI	Request to be submitted by LESCO by 7 <sup>th</sup> July every year.
Return on Rate Base	3,096	Annually, as per Annex-VI	
Other Income	(3,896)	Annually, as per Annex-VI	
Prior Year Adjustment	(16,294)	Annually, as per existing Mechanism	
Write Offs-Provisional basis	2,848		
KIBOR Spread	2.75%	Annually, as per decision	
KIBOR (In case of foreign financing the Authority may allow the adjustment of LIBOR)	7.01%	Bi-Annually, as per the decision.	

## Order

- I. Based on the above assessment, the Authority hereby determines the following adjustments on account of PPP (*including impact of T&D losses on FCA*) and Prior Year Adjustments for the FY 2016-17;

		FY 2016-17
Description		LESCO
		Mln. Rs.
<b>A: Power Purchase Price (PPP) Adjustment</b>		
	PPP cost billed by CPPA-G	179,970
Less ;	PPP cost disallowed by the Authority	(3,505)
	Net PPP cost to be charged to consumers	176,465
Less ;	PPP Recovered through notified Tariff	167,701
	Under recovered PPP Cost, to be recovered from the consumers	8,764
<b>B: Prior Year Adjustment (PYA)</b>		
	PYA to be recovered / (passed on) as per re-determination Sep. 18, 2017	(16,294)
Less ;	PYA recovered / (Passed on) during FY 2016-17	(26,982)
	Over Paid PYA to be recovered from the consumers	10,687
<b>C: Impact of Negative Monthly FCA's</b>		
	Negative FCA Retained ( <i>Life Line, Agri and Domestic Consumers upto 300 units</i> )	(16,089)
Less ;	Net Subsidy, if any	
	FCA amount to be passed on to the consumers	(16,089)
<b>Total Adjustment = A+B+C</b>		<b>3,363</b>

- II. The impact of negative PYA amount of Rs.16,294 million already built in LESCO's re-determination dated September 18, 2017, shall be replaced with the aforementioned amount of Rs.3,363 million, thus, resulting in an overall adjustment of Rs.19,657 million in the consumer-end tariff of LESCO.
- III. After incorporating the above amount in the Authority's re-determination dated September 18, 2017, in the matter of the GoP's reconsideration request for LESCO, the Estimated Sales Revenue and Schedule of Tariff (SoT) have been revised and are attached as Annex-II and Annex-III respectively to this decision, which will supersede the earlier estimated sales revenue and SoT attached with the Authority's redetermination dated September 18, 2017, in the matter of GoP's Reconsideration request for LESCO. Remaining annexures would remain the same.

- IV. Tariff under Colum A and F of Annex-III shall remain applicable for one year from the date of notification. Colum C, D, E and F of Annex-III shall cease to exist after one year and only Colum A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.
- V. The Authority in its redetermination dated September 18, 2017, in the matter of the GoP's reconsideration request prescribed the mechanism for calculation of the quarterly/ biannual adjustments which is attached as Annex-IA with the instant decision.



**FUEL PRICE ADJUSTMENT MECHANISM**

Actual variation in fuel cost component against the reference fuel cost component for the corresponding months will be determined according to the following formula

$$\text{Fuel Price variation} = \text{Actual Fuel Cost Component} - \text{Reference Fuel Cost Component}$$

Where:

Fuel Price variation is the difference between actual and reference fuel cost component

Actual fuel cost component is the fuel cost component in the pool price on which the DISCOs will be charged by CPPA (G) in a particular month; and

Reference fuel cost component is the fuel cost component for the corresponding month projected for the purpose of tariff determination as per Annex-IV of the determination;

The fuel price adjustment determined by the Authority shall be shown separately in the bill of the consumer and the billing impact shall be worked out on the basis of consumption by the consumer in the respective month.

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### QUARTERLY/BIANNUAL ADJUSTMENT MECHANISM

Quarterly/ Biannual adjustment shall be the Actual variation in Power Purchase Price (PPP), excluding Fuel Cost Component, against the reference Power Purchase Price component and the impact of T&D losses on FCA, for the corresponding months and shall be determined according to the following formula;

$$\text{Quarterly/Biannual PPP}_{(Adj)} = \frac{\text{PPP}_{(Act)} (\text{excluding FCC}) - \text{PPP}_{(Ref)} (\text{excluding FCC})}{(1 - \text{T\&D Loss \%}) - (\text{Life line Consumption \%})}$$

Where;

$\text{PPP}_{(Act)}$  is the actual cost in Rs./kWh, excluding FCC, invoiced by CPPA-G to XWDISCOs, adjusted for any cost disallowed by the Authority.

$\text{PPP}_{(Ref)}$  is the reference cost in Rs./kWh as per the Annex-IV of the XWDISCOs determination that remained notified during the period.

T&D Loss % is percentage of T&D losses that remained notified during the period.

Quarterly/Biannual impact of T&D losses on  $\text{FCA}_{(Adj)}$

$$= \left[ \frac{\text{FCA}_{(Allowed)}}{(1 - \text{T\&D Loss \%}) - (\text{Life line Consumption \%})} \right] - \text{FCA}_{(Allowed)}$$

Where;

$\text{FCA}_{(allowed)}$  is the FCA allowed by the Authority for the respective months of the concerned period.

T&D Loss % is percentage of T&D losses that remained notified during the period.

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**Lahore Electric Supply Company Limited (LESCO)**  
**Estimated Sales Revenue on the Basis of New Tariff**

Description	Sales		Revenue			Base Tariff		PYA 2016		Write off		PYA 2017		Total Tariff	
	GWh	% Mix	Fixed Charge	Variable	Total	Fixed Charge	Variable	Amount	Variable	Amount	Variable	Amount	Variable	Fixed	Var
			Min. Rs.	Rs./kWh		Rs./kWh M	Rs./kWh	Min. Rs.	Rs./kWh	Min. Rs.	Rs./kWh	Min. Rs.	Rs./kWh	Rs./kWh M	Rs.
<b>Residential</b>															
Up to 50 Units	186	1.09%	-	743	743	-	4.00	-	-	-	-	-	-	-	-
For peak load requirement less than 5 kW															
01-100 Units	1638	9.66%	-	15,022	15,022	-	9.17	(1,589)	(0.97)	276	0.17	1,864	1.15	-	-
101-200 Units	924	5.45%	-	10,140	10,140	-	10.97	(897)	(0.97)	157	0.17	1,083	1.15	-	-
201-300 Units	1551	9.15%	-	18,568	18,568	-	11.97	(1,505)	(0.97)	284	0.17	1,789	1.16	-	-
301-700 Units	1066	6.29%	-	14,647	14,647	-	13.74	(1,055)	(0.98)	181	0.17	1,237	1.16	-	-
Above 700 Units	306	1.81%	-	4,803	4,803	-	15.68	(300)	(0.98)	52	0.17	358	1.17	-	-
For peak load requirement exceeding 5 kW															
Time of Use (TOU) - Peak	164	0.96%	-	2,563	2,563	-	15.67	(159)	(0.97)	28	0.17	191	1.17	-	-
Time of Use (TOU) - Off-Peak	716	4.22%	-	6,566	6,566	-	9.17	(695)	(0.97)	122	0.17	838	1.17	-	-
Temporary Supply	1	0.00%	-	10	10	-	14.82	(1)	(0.97)	0	0.17	1	1.17	-	-
<b>Total Residential</b>	<b>6,552</b>	<b>38.83%</b>	<b>-</b>	<b>73,061</b>	<b>73,061</b>			<b>(6,200)</b>		<b>1,082</b>		<b>7,371</b>			
<b>Commercial - A2</b>															
For peak load requirement less than 5 kW	510	3.01%	-	7,843	7,843	-	15.37	(495)	(0.97)	67	0.17	592	1.16	-	-
For peak load requirement exceeding 5 kW															
Regular	65	0.38%	75	742	817	400	11.37	(63)	(0.97)	11	0.17	78	1.19	400	
Time of Use (TOU) - Peak	139	0.82%	-	2,172	2,172	-	15.87	(134)	(0.97)	24	0.17	162	1.17	-	-
Time of Use (TOU) - Off-Peak	612	3.61%	986	5,616	6,602	400	9.17	(594)	(0.97)	104	0.17	717	1.17	400	
Temporary Supply	45	0.26%	-	688	688	-	15.37	(43)	(0.97)	8	0.17	52	1.17	-	-
<b>Total Commercial</b>	<b>1,371</b>	<b>8.09%</b>	<b>1,061</b>	<b>17,061</b>	<b>18,123</b>			<b>(1,330)</b>		<b>233</b>		<b>1,601</b>			
<b>General Services-A3</b>															
	509	3.00%	-	6,859	6,859	-	13.48	(494)	(0.97)	86	0.17	590	1.16	-	-
<b>Industrial</b>															
B1	79	0.47%	-	903	903	-	11.37	(77)	(0.97)	13	0.17	93	1.17	-	-
B1 Peak	66	0.39%	-	1,031	1,031	-	15.67	(84)	(0.97)	11	0.17	77	1.17	-	-
B1 Off-Peak	376	2.22%	-	3,452	3,452	-	9.17	(365)	(0.97)	64	0.17	459	1.22	-	-
B2	182	1.07%	199	1,973	2,172	400	10.87	(176)	(0.97)	31	0.17	212	1.17	400	
B2 - TOU (Peak)	247	1.45%	-	3,866	3,866	-	15.87	(239)	(0.97)	42	0.17	289	1.17	-	-
B2 - TOU (Off-peak)	1382	8.15%	2,228	12,392	14,620	400	8.97	(1,340)	(0.97)	235	0.17	1,644	1.19	400	
B3 - TOU (Peak)	244	1.44%	-	3,818	3,818	-	15.67	(236)	(0.97)	41	0.17	285	1.17	-	-
B3 - TOU (Off-peak)	3317	19.56%	2,908	29,092	31,999	380	8.77	(3,218)	(0.97)	564	0.17	3,947	1.19	380	
B4 - TOU (Peak)	82	0.48%	-	1,285	1,285	-	15.67	(80)	(0.97)	14	0.17	96	1.17	-	-
B4 - TOU (Off-peak)	770	4.54%	638	8,674	7,312	360	8.87	(747)	(0.97)	131	0.17	901	1.17	360	
Temporary Supply	0	0.00%	-	5	5	-	11.37	(0)	(0.97)	0	0.17	0	1.17	-	-
<b>Total Industrial</b>	<b>8,744</b>	<b>39.77%</b>	<b>5,972</b>	<b>64,489</b>	<b>70,462</b>			<b>(6,542)</b>		<b>1,147</b>		<b>8,004</b>			
<b>Single Point Supply for further distribution</b>															
C1(a) Supply at 400 Volts-less than 5 kW	1	0.00%	-	7	7	-	11.87	(1)	(0.97)	0	0.17	1	1.17	-	-
C1(b) Supply at 400 Volts-exceeding 5 kW	19	0.11%	14	213	227	400	11.37	(18)	(0.97)	3	0.17	22	1.17	400	
Time of Use (TOU) - Peak	4	0.03%	-	68	68	-	15.67	(4)	(0.97)	1	0.17	5	1.17	-	-
Time of Use (TOU) - Off-Peak	20	0.12%	19	184	204	400	9.17	(19)	(0.97)	3	0.17	25	1.22	400	
C2 Supply at 11 kV	189	1.11%	101	2,110	2,211	380	11.17	(183)	(0.97)	32	0.17	221	1.17	380	
Time of Use (TOU) - Peak	33	0.20%	-	523	523	-	15.67	(32)	(0.97)	6	0.17	39	1.17	-	-
Time of Use (TOU) - Off-Peak	159	0.94%	156	1,430	1,586	380	8.97	(155)	(0.97)	27	0.17	190	1.19	380	
C3 Supply above 11 kV	87	0.40%	35	744	779	360	11.07	(65)	(0.97)	11	0.17	79	1.17	360	
Time of Use (TOU) - Peak	2	0.01%	-	29	29	-	15.87	(2)	(0.97)	0	0.17	2	1.17	-	-
Time of Use (TOU) - Off-Peak	9	0.05%	8	76	82	360	8.77	(6)	(0.97)	1	0.17	10	1.19	360	
<b>Total Single Point Supply</b>	<b>503</b>	<b>2.97%</b>	<b>332</b>	<b>5,383</b>	<b>5,715</b>			<b>(486)</b>		<b>86</b>		<b>593</b>			
<b>Agricultural Tube-wells - Tariff D</b>															
Scarp	47	0.28%	-	601	601	-	12.77	(46)	(0.97)	8	0.17	55	1.17	-	-
Time of Use (TOU) - Peak	76	0.45%	-	1,185	1,185	-	15.87	(73)	(0.97)	13	0.17	89	1.17	-	-
Time of Use (TOU) - Off-Peak	35	0.21%	30	305	336	200	8.77	(34)	(0.97)	6	0.17	41	1.17	200	
Agricultural Tube-wells	195	1.15%	173	2,549	2,722	200	13.07	(189)	(0.97)	33	0.17	228	1.17	200	
Time of Use (TOU) - Peak	165	0.97%	-	2,581	2,581	-	15.67	(180)	(0.97)	28	0.17	193	1.17	-	-
Time of Use (TOU) - Off-Peak	660	3.89%	535	5,788	6,321	200	8.77	(640)	(0.97)	112	0.17	772	1.17	200	
<b>Total Agricultural</b>	<b>1,177</b>	<b>6.94%</b>	<b>739</b>	<b>13,007</b>	<b>13,746</b>			<b>(1,142)</b>		<b>200</b>		<b>1,377</b>			
<b>Public Lighting - Tariff G</b>															
	95	0.56%	-	1,381	1,381	-	14.47	(93)	(0.97)	16	0.17	112	1.17	-	-
<b>Residential Colonies</b>															
	6	0.05%	-	118	118	-	14.47	(8)	(0.97)	1	0.17	10	1.17	-	-
<b>Tariff I - Railway Traction</b>															
	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Sub-Total</b>	<b>104</b>	<b>0.61%</b>	<b>-</b>	<b>1,498</b>	<b>1,498</b>			<b>(100)</b>		<b>16</b>		<b>121</b>			
<b>Special Contract - Tariff-J</b>															
J-1 For Supply at 66 kV & above	-	0.00%	-	-	-	360	11.07	-	(0.97)	-	0.17	-	1.17	360	
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	15.67	-	(0.97)	-	0.17	-	1.17	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	360	8.77	-	(0.97)	-	0.17	-	1.19	360	
J-2 (a) For Supply at 11, 33 kV	-	0.00%	-	-	-	380	11.17	-	(0.97)	-	0.17	-	1.17	380	
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	15.67	-	(0.97)	-	0.17	-	1.17	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	380	8.97	-	(0.97)	-	0.17	-	1.19	380	
J-2 (b) For Supply at 66 kV & above	-	0.00%	-	-	-	360	11.07	-	(0.97)	-	0.17	-	1.17	360	
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	15.67	-	(0.97)	-	0.17	-	1.17	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	380	8.77	-	(0.97)	-	0.17	-	1.19	380	
J-3 (a) For Supply at 11, 33 kV	-	0.00%	-	-	-	380	11.17	-	(0.97)	-	0.17	-	1.17	380	
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	15.67	-	(0.97)	-	0.17	-	1.17	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	380	8.97	-	(0.97)	-	0.17	-	1.19	380	
J-3 (b) For Supply at 66 kV & above	-	0.00%	-	-	-	380	11.07	-	(0.97)	-	0.17	-	1.17	380	
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	15.87	-	(0.97)	-	0.17	-	1.17	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	360	8.77	-	(0.97)	-	0.17	-	1.19	360	
<b>Total Revenue</b>	<b>16,960</b>	<b>100.00%</b>	<b>8,104</b>	<b>181,359</b>	<b>189,463</b>			<b>(16,294)</b>		<b>2,848</b>		<b>19,657</b>			

Tariff mentioned under Column "Total Tariff" shall remain applicable for a period of one year from the date of notification. After one year PYA 2016, Write-off and PYA 2017 shall cease to exist and only tariff mentioned under Column "Base Tariff" shall remain applicable till the same is superseded by next notification.

## LESCO Power Purchase Price

Name	July	August	September	October	November	December	January	February	March	April	May	June	Total
Units Purchased by DISCOs (GWh)	1,881	1,957	1,692	1,663	1,462	1,391	1,196	1,343	1,377	1,441	1,875	1,942	19,220
kWh													
Fuel Cost Component	4.9811	4.7552	5.1217	5.2366	5.0497	5.8619	7.1241	5.7493	6.6429	6.7227	5.2908	4.9927	5.530
Variable O & M	0.2727	0.2678	0.2825	0.2891	0.2916	0.3337	0.3711	0.3234	0.3467	0.3577	0.3050	0.2891	0.306
CpGenCap	2.1106	2.0662	2.5201	2.5975	2.6591	3.1136	2.4859	2.9583	2.8805	2.3790	2.7183	2.2495	2.53
USCF	0.2666	0.2792	0.3459	0.3463	0.3702	0.3854	0.2853	0.3826	0.3295	0.3071	0.3105	0.3016	0.32
Total PPP in Rs. /kWh	7.6310	7.3683	8.2702	8.4695	8.3706	9.6946	10.2665	9.4137	10.1996	9.7665	8.6245	7.8329	8.6887
Rs in Million													
Fuel Cost Component	9,371	9,305	8,665	8,710	7,382	8,155	8,519	7,723	9,149	9,684	9,921	9,697	106,280
Variable O & M	513	524	478	481	426	464	444	434	478	515	572	561	5,890
CpGenCap	3,971	4,043	4,263	4,320	3,887	4,332	2,973	3,974	3,967	3,427	5,097	4,369	48,623
USCF	502	546	585	576	541	536	341	514	454	442	582	586	6,206
PPP	14,356	14,419	13,991	14,087	12,236	13,487	12,276	12,645	14,048	14,069	16,172	15,213	167,000

*It is clarified that PPP is pass through for all the DISCOs and its monthly references would continue to exist irrespective of the financial year, unless the new SOT is revised and notified by the GOP*

**TERMS AND CONDITIONS OF TARIFF  
(FOR SUPPLY OF ELECTRIC POWER TO CONSUMERS BY DISTRIBUTION  
LICENSEES)**

**PART-I**

**GENERAL DEFINITIONS**

The Company, for the purposes of these terms and conditions means Lahore Electric Supply Company Limited (LESCO) engaged in the business of distribution of electricity within the territory mentioned in the licence granted to it for this purpose.

1. "Month or Billing Period", unless otherwise defined for any particular tariff category, means a billing month of 30 days or less reckoned from the date of last meter reading.
2. "Minimum Charge", means a charge to recover the costs for providing customer service to consumers even if no energy is consumed during the month.
3. "Fixed Charge" means the part of sale rate in a two-part tariff to be recovered on the basis of "Billing Demand" in kilowatt on monthly basis.
4. "Billing Demand" means the highest of maximum demand recorded in a month except in the case of agriculture tariff D2 where "Billing Demand" shall mean the sanctioned load.
5. "Variable Charge" means the sale rate per kilowatt-hour (kWh) as a single rate or part of a two-part tariff applicable to the actual kWh consumed by the consumer during a billing period.
6. "Maximum Demand" where applicable, means the maximum of the demand obtained in any month measured over successive periods each of 30 minutes' duration except in the case of consumption related to Arc Furnaces, where "Maximum Demand" shall mean the maximum of the demand obtained in any month measured over successive periods each of 15 minutes' duration.
7. "Sanctioned Load" where applicable means the load in kilowatt as applied for by the consumer and allowed/authorized by the Company for usage by the consumer.
8. "Power Factor" means the ratio of kWh to KVAh recorded during the month or the ratio of kWh to the square root of sum of square of kWh and kVARh.
9. Point of supply means metering point where electricity is delivered to the consumer.
10. Peak and Off Peak hours for the application of Time Of Use (TOU) Tariff shall be the following time periods in a day:

	<u>* PEAK TIMING</u>	<u>OFF-PEAK TIMING</u>
Dec to Feb (inclusive) day	5 PM to 9 PM	Remaining 20 hours of the
Mar to May (inclusive)	6 PM to 10 PM	-do-
June to Aug (inclusive)	7 PM to 11 PM	-do-
Sept to Nov (inclusive)	6 PM to 10 PM	-do-

\* To be duly adjusted in case of day light time saving

11. "Supply", means the supply for single-phase/three-phase appliances inclusive of both general and motive loads subject to the conditions that in case of connected or sanctioned load exceeding 4 kW supply shall be given at three-phase.

12. "Consumer" means a person of his successor-in-interest as defined under Section 2(iv) of the Regulation of Generation, Transmission and Distribution of Electric Power Act (XL of 1997).
13. "Charitable Institution" means an institution, which works for the general welfare of the public on no profit basis and is registered with the Federal or Provincial Government as such and has been issued tax exemption certificate by Federal Board of Revenue (FBR).
14. NTDC means the National Transmission and Dispatch Company.
15. CPPA(G) means Central Power Purchasing Agency Guarantee Limited (CPPA)(G).
16. The "Authority" means "The National Electric Power Regulatory Authority (NEPRA)" constituted under the Regulation of Generation, Transmission and Distribution of Electric Power Act (XL of 1997).

#### GENERAL CONDITIONS

1. "The Company shall render bills to the consumers on a monthly basis or less on the specific request of a consumer for payment by the due date.
2. The Company shall ensure that bills are delivered to consumers at least seven days before the due date. If any bill is not paid by the consumer in full within the due date, a Late Payment Charge of 10% (ten percent) shall be levied on the amount billed excluding Govt. tax and duties etc. In case bill is not served at least seven days before the due date then late payment surcharge will be levied after 7<sup>th</sup> day from the date of delivery of bill.
3. The supply provided to the consumers shall not be available for resale.
4. In the case of two-part tariff average Power Factor of a consumer at the point of supply shall not be less than 90%. In the event of the said Power factor falling below 90%, the consumer shall pay a penalty of two percent increase in the fixed charges determined with reference to maximum demand during the month corresponding to one percent decrease in the power factor below 90%.

## **PART-II**

**(Definitions and Conditions for supply of power specific to each consumer category)**

### **A-1 RESIDENTIAL**

#### **Definition**

“Life Line Consumer” means those residential consumers having single phase electric connection with a sanctioned load up to 1 kW.

At any point of time, if the floating average of last six months' consumption exceed 50 units, then the said consumer would not be classified as life line for the billing month even if its consumption is less than 50 units. For the purpose of calculating floating average, the consumption charged as detection billing would also be included.

1. This Tariff is applicable for supply to;
  - i) Residences,
  - ii) Places of worship,
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. A-1(a) tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and shall be billed on the basis of tariff A-1(b) as set out in the Schedule of Tariff.
4. All existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and converted to A- 1(b) Tariff by the Company.

### **A-2 COMMERCIAL**

1. This tariff is applicable for supply to commercial offices and commercial establishments such as:
  - i) Shops,
  - ii) Hotels and Restaurants,
  - iii) Petrol Pumps and Service Stations,
  - iv) Compressed Natural Gas filling stations,
  - v) Private Hospitals/Clinics/Dispensaries,
  - vi) Places of Entertainment, Cinemas, Theaters, Clubs;
  - vii) Guest Houses/Rest Houses,
  - viii) Office of Lawyers, Solicitors, Law Associates and Consultants etc.
2. Consumers under tariff A-2 having sanctioned load of less than 5 kW shall be billed under a Single-Part kWh rate A-2(a)
3. All existing consumers under tariff A-2 having sanctioned load 5 kW and above shall be billed on A-2(b) tariff till such time that they are provided T.O.U metering arrangement; thereafter such consumers shall be billed on T.O.U tariff A-2(c).
4. The existing and prospective consumers having load of 5 kW and above can opt for T.O.U metering arrangement and A-2(c) tariff.
5. All existing consumers under tariff A-2 shall be provided T.O.U metering arrangement by the Company and convert it to-A-2 (c) Tariff.
6. All new connections having load requirement 5 kW and above shall be provided T.O.U meters and shall be billed under tariff A-2(c).

## **A-3 GENERAL SERVICES**

1. This tariff is applicable to;
  - i. Approved religious and charitable institutions
  - ii. Government and Semi-Government offices and Institutions
  - iii. Government Hospitals and dispensaries
  - iv. Educational institutions
  - v. Water Supply schemes including water pumps and tube wells operating on three phase 400 volts other than those meant for the irrigation or reclamation of Agriculture land.
1. Consumers under General Services (A-3) shall be billed on single-part kWh rate i.e. A-3(a) tariff.

## **B INDUSTRIAL SUPPLY**

### **Definitions**

1. "Industrial Supply" means the supply for bona fide industrial purposes in factories including the supply required for the offices and for normal working of the industry.
2. For the purposes of application of this tariff an "Industry" means a bona fide undertaking or establishment engaged in manufacturing, value addition and/or processing of goods.
3. This Tariff shall also be available for consumers having single-metering arrangement such as;
  - i) Poultry Farms
  - ii) Fish Hatcheries and Breeding Farms and
  - iii) Software houses

### **Conditions**

An industrial consumer shall have the option, to switch over to seasonal Tariff-F, provided his connection is seasonal in nature as defined under Tariff-F, and he undertakes to abide by the terms and conditions of Tariff-F and pays the difference of security deposit rates previously deposited and those applicable to tariff-F at the time of acceptance of option for seasonal tariff. Seasonal tariff will be applicable from the date of commencement of the season, as specified by the customers at the time of submitting the option for Tariff-F. Tariff-F consumers will have the option to convert to corresponding Regular Industrial Tariff category and vice versa. This option can be exercised at the time of obtaining a new connection or at the beginning of the season. Once exercised, the option will remain in force for at least one year.

### **B-1 SUPPLY AT 400 VOLTS THREEPHASE AND/OR 230 VOLTS SINGLE PHASE**

1. This tariff is applicable for supply to Industries having sanctioned load upto a 25 kW.
2. Consumers having sanctioned load less than 25 kW shall be billed on single-part kWh rate.
3. All existing consumers under tariff B-1 shall be provided T.O.U metering arrangement by the Company and convert it to-B1 (b) Tariff.

### **B-2 SUPPLY AT 400 VOLTS**

1. This tariff is applicable for supply to Industries having sanctioned load of more than 25 kW up to and including 500 kW.



2. All existing consumers under tariff B-2 shall be provided T.O.U metering arrangement by the Company and converted to B-2(b) Tariff.
3. All new applicants i.e. prospective consumers applying for service to the Company shall be provided T.O.U metering arrangement and charged according to the applicable T.O.U tariff.

#### **B-3 SUPPLY AT 11 kV AND 33 kV**

1. This tariff is applicable for supply to Industries having sanctioned load of more than 500 kW up to and including 5000 kW and also for Industries having sanctioned load of 500 kW or below who opt for receiving supply at 11 kV or 33 kV.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. The supply under this Tariff shall not be available to a prospective consumer unless he provides, to the satisfaction and approval of the Company, his own Transformer, Circuit Breakers and other necessary equipment as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively pays to the Company for all apparatus and equipment if so provided and installed by the Company. The recovery of the cost of service connection shall be regulated by the NEPRA eligibility criteria.
4. All B-3 Industrial Consumers shall be billed on the basis of T.O.U tariff given in the Schedule of Tariff.

#### **B-4 SUPPLY AT 66 kV, 132 kV AND ABOVE**

1. This tariff is applicable for supply to Industries for all loads of more than 5000 kW receiving supply at 66 kV, 132 kV and above and also for Industries having load of 5000 kW or below who opt to receive supply at 66 kV or 132 kV and above.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. If the Grid Station required for provision of supply falls within the purview of the dedicated system under the NEPRA Eligibility Criteria, the supply under this Tariff shall not be available to such a prospective consumer unless he provides, to the satisfaction and approval of the Company, an independent grid station of his own including Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively, pays to the Company for all such Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus if so provided and installed by the Company. The recovery of cost of service connection shall be regulated by NEPRA Eligibility Criteria.
4. All B-4 Industrial Consumers shall be billed on the basis of two-part T.O.U tariff.

## **C BULK SUPPLY**

"Bulk Supply" for the purpose of this Tariff, means the supply given at one point for self-consumption not selling to any other consumer such as residential, commercial, tube-well and others.

### **General Conditions**

If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days no notice will be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days the fixed charges shall be assessed on proportionate basis for actual number of days between the date of old reading and the new reading.

### **C-1 SUPPLY AT 400/230 VOLTS**

1. This Tariff is applicable to a consumer having a metering arrangement at 400 volts, having sanctioned load of up to and including 500 kW.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. C-1(a) tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and shall be billed on the basis of Time-of-Use (T.O.U) tariff C-1(c) given in the Schedule of Tariff.
4. All the existing consumers governed by this tariff having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements.

### **C-2 SUPPLY AT 11 kV AND 33 kV**

1. This tariff is applicable to consumers receiving supply at 11 kV or 33 kV at one-point metering arrangement and having sanctioned load of up to and including 5000 kW.
2. The supply under this Tariff shall not be available to a prospective consumer unless he provides, to the satisfaction and approval of the Company, his own Transformer, Circuit Breakers and other necessary equipment as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively pays to the Company for all apparatus and equipment if so provided and installed by the Company. The recovery of the cost of service connection shall be regulated by the NEPRA eligibility criteria.
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff C-2(b) as set out in the Schedule of Tariff.
4. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to C-2(b).

### **C-3 SUPPLY AT 66 kV AND ABOVE**

1. This tariff is applicable to consumers having sanctioned load of more than 5000 kW receiving supply at 66 kV and above.
2. If the Grid Station required for provision of supply falls within the purview of the dedicated system under the NEPRA Eligibility Criteria, the supply under this Tariff shall not be available to such a prospective consumer unless he provides, to the satisfaction and approval of the Company, an independent grid station of his own including Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively, pays to the Company for all such Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus if so provided and installed by the Company. The recovery of cost of service connection shall be regulated by NEPRA Eligibility Criteria.
3. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to C-3(b).
4. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff C-3(b) as set out in the Schedule of Tariff.

## D AGRICULTURAL SUPPLY

"Agricultural Supply" means the supply for Lift Irrigation Pumps and/or pumps installed on Tube-wells intended solely for irrigation or reclamation of agricultural land or forests, and include supply for lighting of the tube-well chamber.

### Special Conditions of Supply

1. This tariff shall apply to:

- i) Reclamation and Drainage Operation under Salinity Control and Reclamation Projects (SCARP):
  - ii) Bona fide forests, agricultural tube-wells and lift irrigation pumps for the irrigation of agricultural land.
  - iii) Tube-wells meant for aqua-culture, viz. fish farms, fish hatcheries and fish nurseries.
  - iv) Tube-wells installed in a dairy farm meant for cultivating crops as fodder and for upkeep of cattle.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. The lamps and fans consumption in the residential quarters, if any, attached to the tube-wells shall be charged entirely under Tariff A-1 for which separate metering arrangements should be installed.
4. The supply under this Tariff shall not be available to consumer using pumps for the irrigation of parks, meadows, gardens, orchards, attached to and forming part of the residential, commercial or industrial premises in which case the corresponding Tariff A-1, A-2 or Industrial Tariff B-1, B-2 shall be respectively applicable.

#### D-1

1. This tariff is applicable to all Reclamation and Drainage Operation pumping under SCARP related installation having sanctioned load of less than 5 kW.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. D-1(a) tariff given in the Schedule of Tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided TOU metering arrangement and shall be charged on the basis of Time-of- Use (T.O.U) tariff D-1(b) given in the Schedule of Tariff.
4. All the existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements and shall be governed by D-1(a) till that time.

#### D-2

1. This tariff is applicable to consumers falling under Agriculture Supply having sanctioned load less than 5 kW excluding SCARP related installations.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. D-2(a) tariff given in the Schedule of Tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided TOU metering arrangement and shall be charged on the basis of Time-of- Use (T.O.U) tariff D- 2(b) given in the Schedule of Tariff.
4. All the existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements and shall be governed by D-2(a) till that time.

## **E -1 TEMPORARY RESIDENTIAL/COMMERCIAL SUPPLY**

Temporary Residential/Commercial Supply means a supply given to persons temporarily on special occasions such as ceremonial, religious gatherings, festivals, fairs, marriages and other civil or military functions. This also includes supply to touring cinemas and persons engaged in construction works for all kinds of single phase loads. For connected load exceeding 4 kW, supply may be given at 400 volts (3 phase) to allow a balanced distribution of load on the 3 phases. Normally, temporary connections shall be allowed for a period of 3 months which can be extended on three months basis subject to clearance of outstanding dues.

### **Special Conditions of Supply**

1. This tariff shall apply to Residential and Commercial consumers for temporary supply.
2. Ordinarily the supply under this Tariff shall not be given by the Company without first obtaining security equal to the anticipated supply charges and other miscellaneous charges for the period of temporary supply.

## **E -2 TEMPORARY INDUSTRIAL SUPPLY**

"Temporary Industrial Supply" means the supply given to an Industry for the bonafide purposes mentioned under the respective definitions of "Industrial Supply", during the construction phase prior to the commercial operation of the Industrial concern."

### **SPECIAL CONDITIONS OF SUPPLY**

1. Ordinarily the supply under this Tariff shall not be given by the Company without first obtaining security equal to the anticipated supply charges and other miscellaneous charges for the period of temporary supply.
2. Normally, temporary connections shall be allowed for a period of 3 months, which may be extended on three months basis subject to clearance of outstanding dues.

## **F SEASONAL INDUSTRIAL SUPPLY**

"Seasonal Industry" for the purpose of application of this Tariff, means an industry which works only for part of the year to meet demand for goods or services arising during a particular season of the year. However, any seasonal industry running in combination with one or more seasonal industries, against one connection, in a manner that the former works in one season while the latter works in the other season (thus running throughout the year) will not be classified as a seasonal industry for the purpose of the application of this Tariff.

### **Definitions**

1. "Year" means any period comprising twelve consecutive months.
2. All "Definitions" and "Special Conditions of Supply" as laid down under the corresponding Industrial Tariffs shall also form part of this Tariff so far as they may be relevant.

### **Special Conditions of Supply**

1. This tariff is applicable to seasonal industry.
2. Fixed Charges per kilowatt per month under this tariff shall be levied at the rate of 125% of the corresponding regular Industrial Supply Tariff Rates and shall be recovered only for the period that the seasonal industry actually runs subject to minimum period of six consecutive months during any twelve consecutive months. The condition for recovery of Fixed Charges for a minimum period of six months shall not, however, apply to the

seasonal industries, which are connected to the Company's Supply System for the first time during the course of a season.

3. The consumers falling within the purview of this Tariff shall have the option to change over to the corresponding industrial Supply Tariff, provided they undertake to abide by all the conditions and restrictions, which may, from time to time, be prescribed as an integral part of those Tariffs. The consumers under this Tariff will have the option to convert to Regular Tariff and vice versa. This option can be exercised at the time of obtaining a new connection or at the beginning of the season. Once exercised, the option will remain in force for at least one year.
4. All seasonal loads shall be disconnected from the Company's Supply System at the end of the season, specified by the consumer at the time of getting connection, for which the supply is given. In case, however, a consumer requires running the non-seasonal part of his load (e.g., lights, fans, tube-wells, etc.) throughout the year, he shall have to bring out separate circuits for such load so as to enable installation of separate meters for each type of load and charging the same at the relevant Tariff.
5. Where a "Seasonal Supply" consumer does not come forward to have his seasonal industry re-connected with the Company's Supply System in any ensuing season, the service line and equipment belonging to the Company and installed at his premises shall be removed after expiry of 60 days of the date of commencement of season previously specified by the consumer at the time of his obtaining new connection/re-connection. However, at least ten clear days notice in writing under registered post shall be necessary to be given to the consumer before removal of service line and equipment from his premises as aforesaid, to enable him to decide about the retention of connection or otherwise. No Supply Charges shall be recovered from a disconnected seasonal consumer for any season during which he does not come forward to have his seasonal industry re-connected with the Company's Supply System.

#### **G PUBLIC LIGHTING SUPPLY**

"Public Lighting Supply" means the supply for the purpose of illuminating public lamps.

##### **Definitions**

"Month" means a calendar month or a part thereof in excess of 15 days.

##### **Special Conditions of Supply**

The supply under this Tariff shall be used exclusively for public lighting installed on roads or premises used by General Public.

#### **H RESIDENTIAL COLONIES ATTACHED TO INDUSTRIES**

This tariff is applicable for one-point supply to residential colonies attached to the industrial supply consumers having their own distribution facilities.

##### **Definitions**

"One Point Supply" for the purpose of this Tariff, means the supply given by one point to Industrial Supply Consumers for general and domestic consumption in the residential colonies attached to their factory premises for a load of 5 Kilowatts and above. The purpose is further distribution to various persons residing in the attached residential colonies and also for perimeter lighting in the attached residential colonies.

"General and Domestic Consumption", for the purpose of this Tariff, means consumption for lamps, fans, domestic applications, including heated, cookers, radiators, air-conditioners, refrigerators and domestic tube-wells.

“Residential Colony” attached to the Industrial Supply Consumer, means a group of houses annexed with the factory premises constructed solely for residential purpose of the bonafide employees of the factory, the establishment or the factory owners or partners, etc.

#### **Special Conditions of Supply**

The supply under this Tariff shall not be available to persons who meet a part of their requirements from a separate source of supply at their premises.

#### **I. TRACTION**

Supply under this tariff means supply of power in bulk to Railways for Railway traction only.

#### **J. SPECIAL CONTRACTS UNDER NEPRA (SUPPLY OF POWER) REGULATIONS 2015**

Supply for the purpose of this tariff means the supply given at one or more common delivery points;

- i. To a licensee procuring power from LESCO for the purpose of further supply within its respective service territory and jurisdiction.
- ii. To an O&M operator under the O&M Agreement within the meaning of NEPRA (Supply of Power) Regulations 2015 duly approved by the Authority for the purpose of further supply within the service territory and jurisdiction of the LESCO
- iii. To an Authorized agent within the meaning of NEPRA (Supply of Power) Regulations 2015, procuring power from the LESCO for further supply within the service territory and jurisdiction of the LESCO

#### **J-1 SUPPLY TO LICENSEE**

1. This tariff is applicable to a Licensee having sanctioned load of 20 MW and above receiving supply at 66 kV and above.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-1(b).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-1(b) as set out in the Schedule of Tariff.

## SUPPLY UNDER O&M AGREEMENT

### J-2 (a) SUPPLY AT 11 KV AND 33 KV

1. This tariff is applicable to an O&M operator receiving supply at 11 kV or 33 kV under the O&M Agreement duly approved by the Authority.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-2(c).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-2(c) as set out in the Schedule of Tariff.

### J-2 (b) SUPPLY AT 66 KV AND ABOVE

1. This tariff is applicable to an O&M operator receiving supply at 66 kV & above under the O&M Agreement duly approved by the Authority.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-2(d).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-2(d) as set out in the Schedule of Tariff.

## SUPPLY TO AUTHORIZED AGENT

### J-3 (a) SUPPLY AT 11 KV AND 33 KV

1. This tariff is applicable to an authorized agent receiving supply at 11 kV or 33 kV.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-3(c).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-3(c) as set out in the Schedule of Tariff.

### J-3 (b) SUPPLY AT 66 KV AND ABOVE

1. This tariff is applicable to an authorized agent receiving supply at 66 kV & above.
  2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-3(d).
  3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-3(d) as set out in the Schedule of Tariff.
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**DEPRECIATION EXPENSE**

Depreciation expense for future years will be assessed in accordance with the following formula/mechanism:

$$DEP_{(Rev)} = DEP_{(Ref)} \times \frac{GFAIO_{(Rev)}}{GFAIO_{(Ref)}}$$

Where:

$DEP_{(Rev)}$  = Revised Depreciation Expense for the Current Year

$DEP_{(Ref)}$  = Reference Depreciation Expense for the Reference Year

$GFAIO_{(Rev)}$  = Revised Gross Fixed Assets in Operation for the Current Year

$GFAIO_{(Ref)}$  = Reference Gross Fixed Assets in Operation for the Reference Year

**OTHER INCOME**

Other income will be assessed in accordance with the following formula/mechanism:

$$OI_{(Rev)} = OI_{(1)} + (OI_{(1)} - OI_{(0)})$$

Where:

$OI_{(Rev)}$  = Revised Other Income for the Current Year

$OI_{(1)}$  = Actual Other Income as per latest Financial Statements.

$OI_{(0)}$  = Actual/Assessed Other Income used in the previous year.



## O&amp;M EXPENSE

The O&M part of Distribution Margin shall be indexed with CPI subject to adjustment for efficiency gains (X factor). Accordingly the O&M will be indexed every year according to the following formula:

$$O\&M_{(Rev)} = O\&M_{(Ref)} \times [1 + (\Delta CPI - X)]$$

Where:

$O\&M_{(Rev)}$  = Revised O&M Expense for the Current Year

$O\&M_{(Ref)}$  = Reference O&M Expense for the Reference Year

$\Delta CPI$  = Change in Consumer Price Index published by Pakistan Bureau of Statistics latest available on 1<sup>st</sup> July against the CPI as on 1<sup>st</sup> July of the Reference Year in terms of percentage.

X = Efficiency factor

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## RORB

RORB assessment will be made in accordance with the following formula/mechanism:

$$RORB_{(Rev)} = RORB_{(Ref)} \times \frac{RAB_{(Rev)}}{RAB_{(Ref)}}$$

Where:

$RORB_{(Rev)}$  = Revised Return on Rate Base for the Current Year

$RORB_{(Ref)}$  = Reference Return on Rate Base for the Reference

$RAB_{(Rev)}$  = Revised Rate Base for the Current Year

$RAB_{(Ref)}$  = Reference Rate Base for the Reference Year

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A. Target Projects in Next 5 Years:

A-1 Number of sub-projects under STG is as follows:

## A-1.1 Grid Station Projects to Overcome Overloading at 132 kV Level:

S. #	Description	Total Nos.	Total MVA	2015-16	2016-17	2017-18	2018-19	2019-20
1	New							
a)	132 kV	25	1356	9	4	3	4	5
2	Conversion							
a)	66 to 132 kV	7	364	1	1	2	2	1
3	Augmentation							
a)	132 kV	57	1212	18	10	17	12	0
b)	66 kV	0	0	0	0	0	0	0
4	Extension (T/Bay)							
a)	132 kV	44	1294	4	15	19	6	0
5	Extension (L/Bay)							
a)	132 kV	39	0	9	10	9	6	5
6	Sub-Total	172	4226	41	40	50	30	11

## A-1.2 New Transmission Line Projects to Overcome Power Evacuation Constraints:

S. #	Description	Length KM	2015-16	2016-17	2017-18	2018-19	2019-20
1	132 kV D/C	360.4	39.13	64.32	81.75	95.7	79.5
2	132 kV SDT	0	0.00	0	0	0	0
3	Sub-Total	360.4	39.13	64.32	81.75	95.7	79.5

## A-1.3 Up-gradation of Existing Transmission Lines:

S. #	Description	Length KM	2015-16	2016-17	2017-18	2018-19	2019-20
1	132 kV D/C	17.7	0	7.08	10.62	0	0
2	Sub-Total	17.7	0	7.08	10.62	0	0

## A-1.4 Re-Conductoring/Re-Routing of Existing Transmission Lines:

S. #	Description	Length KM	2015-16	2016-17	2017-18	2018-19	2019-20
1	132 kV D/C	378.06	71.2	81.48	72.08	87.8	65.5
2	Sub-Total	378.06	71.2	81.48	72.08	87.8	65.5

## A-1.5 Capacitor Installation Projects to Improve Power Factor:

S. #	Description	MVAR	2015-16	2016-17	2017-18	2018-19	2019-20
1	11 kV Switched Capacitors	242.44	0.00	75.36	71.28	36	59.8
2	132 kV Switched Capacitors	144.00	0	0	0	72	72
	Sub-Total	386.44	0.00	75.36	71.28	108.00	131.80

A-2 Names of New 132 kV Grid Stations and Transmission Lines under STG in Next 5 Years:

Year	New 132 kV Grid Stations	New 132 kV Transmission Lines
2015-16	Punjab University Town LDA Avenue – 1 Saggian Askari – 10 Sheranwala Gate DHA Rehber Jubilee Town Central Park Press Club	Feed for 132kV LDA Avenue-1 (In & Out from PU Town- Jubilee Town) Feed for 132kV EMCO (In & Out from Green Town- Attabad) 132kV Sarfaraz Nagar- Manga Mandi Feed for 132kV Sheranwala(In & Out from Ravi- Fort T/Line) Feed for 132kV (Askari-10) 132kV F/F Punjab University Town (In & Out from Wapda Town- SukhChayen) 132kV Pattoki- Depalpur (In & Out at 132kV G/S Habibabad) 220kV Ghazi- 132kV Ghazi Feed for DHA Rahbar (In & Out from Japan Power- Wapda Town) Feed for Jubilee Town (In & Out from Wapda Town- LDA Avenue) Feed for Central Park (In & Out from Raiwind- Kasur) Feed for Press Club (In & Out from Fatahghar – Shalamar 1)
2016-17	Valencia Mandi Ahmed Abad Barki DHA No. 3 DHA Phase 6	132kV Lullian- Kahna Feed for Valencia (In & Out from Wapda Town- DHA Rahbar) Feed for Kanganpur (In & Out from Ellahabad- Mandi Ahmedabad) 132kV Bhaipheru- Orient Upgradation of 66kV Attabad- EMCO to 132kV level Upgradation of 66kV EMCO-UIS- Rustam to 132kV level 132Kv Orient- Bucheki Feed for 132kV Mandi Ahmed. ( Double circuit from Ahmedabad) Feed for Barki (DHA-Phase 6-3) (In & Out from Ghazi Road- DHA- 5) Feed for Chahal DHA- 7 (In & Out from DHA 5- Barki)
2017-18	Punjab University Jandiala Sher Khan Fruit Mandi	Feed for 132kV Jandiala Sher Khan (In & Out from SKP Ind-Sapphire P/H) Feed for Fruit Mandi (In & Out from Wapda Town- KahnaNau) Feed for Malikpur( D/C from Bucheki) 132kV Manga Mandi- Wapda Town Depalpur- Hujra SarfarazNagar- Bhaipheru 132kV F/F Punjab University (In & Out from Garden Town- Model Town)
2018-19	Audit & Account Kakezai Town Park View DHA Phase 7	Feed for kakezaiTown (In & Out from DHA Rahbar- Japan Power) Feed for Audit & Account (In & Out from Wapda Town- KahnaNau) OKLP- Defence- DHA 5- Eden-Park View ( Re-Conductoring/ Re-Routing) Feed for Baseerpur( D/C from Deepalpur) Ferozwattwan- Nankana Feed for Mohlan(In & Out fromFerozwattwan- Nankana) Attabad- KSK Feed for DHA-7 D/C from Ghazi Road Green View- KSK

2019-20	Paragon Eden ChanarBagh Kasur – II Jamber	Feed for Jamber (In & Out from Bhaiphheru- Pattoki) Feed for Kasur-2 (In & Out from Sarfaraz Nagar- Kasur) Feed for Ali Judge (D/C from Bucheki) Feed for Eden (In & Out from DHA 5 – Park View) Feed for Paragon (In & Out from 220kV Ghazi- 132kV Ghazi) Feed for Chinar Bagh Single Circuit from Japan Power Wapda Town- Township T-off single circuit In/Out for LEFO Sheikhupura- Nankana Farooqabad- Jandiala Sher Khan
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A-3 Number of sub-projects under DOP Expansion and Rehabilitation are as follows:

**A-3.1 DOP Expansion Projects to Cater Future Demand:**

S. No.	Description	Unit	Quantities					
			2015-16	2016-17	2017-18	2018-19	2019-20	Total
Scope of Work for 11 kV and Below Expansion								
1	New HT Lines							
	Length of new HT line	Km	447	465	483	503	523	2421
	HT line Reconductoring	Km	0	0	0	0	0	0
2	New Transformers							
	a. 50 KVA	Nos.	395	411	427	444	462	2139
	b. 100 KVA	Nos.	931	969	1007	1048	1090	5045
	c. 200 KVA	Nos.	381	396	412	429	446	2064
	d. others KVA	Nos.	4042	4202	4370	4544	4725	21883
	Sub Total	Nos.	5749	5978	6216	6465	6723	31131
Scope of Work for LT Expansion								
3	New LT Lines							
	Length of new LT line	Km	278	289	300	312	325	1504
Scope of New Meter Service Connections								
4	a. Single Phase	Nos.	120205	125013	130013	135214	140622	651067
	b. Three Phase	Nos.	35557	36980	38458	39998	41597	192590
	c. MDI (Maximum Demand Indicator)	Nos.	88	91	95	99	103	476
	Sub Total	Nos.	155850	162084	168566	175311	182322	844133

**A-3.2 DOP Rehabilitation Projects to Reduce Overloading at 11 kV Level:**

S. No.	Description	Unit	Quantities					
			2015-16	2016-17	2017-18	2018-19	2019-20	Total
Scope of Work for 11 kV and Below Rehabilitation								
1	Rehabilitation of HT Lines							
	a. Number of proposals	Nos.	45	50	55	60	60	270
	b. Bifurcation	Km	40	45	50	55	55	245
	c. Reconductoring	Km	5	5	5	5	5	25
	d. New HT Line	Km	130	144	159	173	173	779
	e. HT Line Reconductoring	K m	144	163	177	163	163	810
2	Replacement of Overloaded Transformers							

	a. 50 KVA	Nos.	140	150	160	180	190	820
	b. 100 KVA	Nos.	210	225	240	270	285	1230
	c. 200 KVA	Nos.	350	375	400	450	475	2050
	h. others KVA	Nos.	0	0	0	0	0	0
	Sub Total	Nos.	700	750	800	900	950	4100
3	<b>Replacement of Damaged / Burnt Transformers</b>							
	a. 50 KVA	Nos.	3	5	5	7	15	35
	b. 100 KVA	Nos.	15	20	25	30	35	125
	c. 200 KVA	Nos.	80	100	120	130	130	560
	d. others KVA	Nos.	0	0	0	0	0	0
	Sub Total	Nos.	98	125	150	167	180	720
4	11 kV Panels	Nos.	40	45	50	55	55	245
	11 kV Capacitors	Nos.	90	100	110	120	120	540
	11KV Cable	Meters	5860	6512	7163	7814	7814	35163

<b>Scope of Work for LT Rehabilitation</b>								
1	<b>LT Lines Rehabilitation</b>							
	Number of proposals	Nos.	700	750	800	900	950	4100
	New HT lines against LT Proposals	Km	38	41	43	49	52	223
	Reconductoring of LT Line	Km	53.06	57	61	68	72	311.06
	New LT Line	Km	75	80	85	96	101	437
	PVC Cables	Meter	303	325	346	390	411	1775

A-4 Number of sub-projects under GIS Program is as follows:

#### A-4.1 GIS Mapping at Sub-Divisional & Circle Level:

S. No.	Description	Unit	Quantity					
			2015-16	2016-17	2017-18	2018-19	2019-20	Total
1	HT Mapping							
	Number of 11 kV Feeders	Nos.	1443	50	55	50	54	1652
	Length of HT Lines mapped	Km	26918	325	358	325	351	28277
2	LT Mapping							
	Length of LT Lines	Nos.	0	800	1500	3000	4500	9800
	Length of LT Lines mapped	Km	0	15	23.3	31	39	108
3	Tools Required							
	GIS Mapping Software Licenses	Nos.	0	11	0	0	0	11
	Hardware including plotters, computers, GPS devices etc.	Nos.	0	121	42	42	42	247
Sub Total			28361	1322	1978	3448	4986	40095

S. No.	Description	Unit	Quantity					
			2015-16	2016-17	2017-18	2018-19	2019-20	Total

Study Based Planning using GIS Maps with Modern Planning Tools - Transition Plan								
1	HT							
	HT Proposals	Nos.	10	15	25	35	40	125
2	LT							
	LT Proposals	Nos.	0	100	150	185	200	635
3	Tools Required							
	Simulation Software Licenses	Nos.	0	18	28	28	22	96
	Hardware including plotters, computers etc	Nos.	0	52	56	56	44	208
Sub Total			10	185	259	304	306	1064

A-5 Sub-projects under Commercial Improvement Plan are as follows:

**A-5.1 Projects to Reduce Metering Complaints/Errors:**  
Mln.Rs.

S. #	Description	2015-16	2016-17	2017-18	2018-19	2019-20	Total
A	AMR Metering	0	7500	7500	7500	7500	30000
B	Electronic Metering/ TOU Metering	100	100	100	100	100	500
C	New CIS system	0	0	0	0	0	0
D	HHUs for meter reading (Mobile Unit for Meter Reading)	50	50	50	50	50	250
E	Consumer Census	0	0	0	0	0	0
F	Anti-theft efforts	0	0	0	0	0	0
G	IT infrastructure to support new initiatives	0	0	0	0	0	0
H	Others	0	0	0	0	0	0
	Total	150	7650	7650	7650	7650	30750

**A-5.2 Detail of AMI/AMR Metering Plan:**

S. #	Description	Nos.
A	AMR Meters installed at Domestic & Commercial Consumers	1151393
B	AMR Meters installed at Substations, 11 kV Feeders and Distribution transformers	26665
C	AMR Meters installed at Bulk Consumers	24654
	Total	1202712

A-6. Sub-projects under the head of Vehicle, Mechanical Tolls and Plants are as follows:

**A-6.1 Vehicles Required for STG, DOP and ELR Operations:**

S. #	Description	2015-16	2016-17	2017-18	2018-19	2019-20	Total
1	Toyota Pickup	200	0	44	39	32	315
2	Bucket Crane	3	5	5	5	6	24
3	Mini Bus	1	1	1	1	1	5
4	Motorcycle	10	10	0	0	0	20
5	Toyota Hiace	0	5	0	1	3	9
6	Mini Truck	0	20	0	0	0	20
7	Crane / Auger Crane	0	3	5	4	1	13

8	Fork Lifter	0	0	0	6	0	6
9	Cars	0	0	0	0	30	30
	<b>Sub Total</b>	214	44	55	56	73	442

#### A-6.2 Mechanical Tools & Plants

Rs. in Millions

S. #	Description	2015-16	2016-17	2017-18	2018-19	2019-20	Total
1	Tools & Plants (T&P)	250	263	276	290	304	1383
	<b>Sub Total</b>	250	263	276	290	304	1383

A-7. Sub-projects under **Civil Works** are as follows:

Enhancement in the number of sub-divisions, divisions, revenue offices and operation circles is essential to provide prompt/effective services to the prospective new consumers in next 5 years. The restraining instructions are that LESCO will not claim additional amount on recruitment of new employees. The number of employees may vary but the allowance in salaries etc. will remain the same.

There is no need for construction circles, construction division and construction sub-division as the job of construction would be out sourced and for the purpose of supervision, the existing strength of supervisory staff is ample. The following amount under the Civil Works is hereby allowed:

#### A-7.1 New Offices and Buildings:

Rs. in Millions

S. #	Description	2015-16	2016-17	2017-18	2018-19	2019-20	Total
1	New Offices and Buildings	467	490	515	541	568	2581
2	Furniture and office equipment	98	103	108	113	119	541
	<b>Sub Total</b>	565	593	623	654	687	3122

A-8. Sub-projects under **Enterprise Resource Planning** are as follows:

Rs. in Millions

S. #	Description	2015-16	2016-17	2017-18	2018-19	2019-20	Total
1	ERP System	173	182	191	200	210	956
	<b>Sub Total</b>	173	182	191	200	210	956

[tariff-2015-16]

(Syed Mateen Ahmed)  
Section Officer (Tariff)

Islamabad, the 22<sup>nd</sup> March, 2018.

**NOTIFICATION**

S.R.O. <sup>379</sup>(I)/2018. - In pursuance of sub-section (4) & (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), and in supersession of its notification No. S.R.O. 571(I)2015, dated the June 10<sup>th</sup>, 2015, the Federal Government is pleased to notify the National Electric Power Regulatory Authority's in field determined Schedule Of Electricity Tariffs for the Gujranwala Electric Power Company (GEPCO), subject to and alongwith amount of subsidy and surcharges, with immediate effect, as attached herewith. The Order dated September 18, 2017 and October 23, 2017 of the Authority at Annex-I and IA, Fuel Price Adjustment Mechanism and Quarterly/Biannual Adjustment Mechanism at Annex-II and IIA, GEPCO Estimated Sales Revenue in field at Annex-III, GEPCO Power Purchase Price at Annex-IV, the Terms and Conditions of Tariff (For Supply Of Electric Power To Consumers By Distribution Licensee) at Annex-V to this notification is notified, in respect of GEPCO.

2. Provided that in pursuance of sub-section (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), the Federal Government is pleased to notify that there shall be levied with immediate effect a surcharge namely, "Tariff Rationalization Surcharge" at the rate mentioned against categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by GEPCO, during each of the billing month, for maintaining uniform rates of electricity across the country for each of the consumer category. GEPCO shall deposited the amount of Tariff Rationalization Surcharge in a Fund called the "Tariff Rationalization Fund" to be kept in the Escrow Account maintained at Central Power Purchasing Agency (Guarantee) Limited and utilized exclusively for discharging of determined cost of power producers. The Tariff Rationalization Surcharge shall be considered as a cost incurred by GEPCO and included in the tariff determined by NEPRA.

3. Provided further that in pursuance of sub-section (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), the Federal Government is pleased to notify that there shall be levied



with immediate effect a surcharge namely, "Financing Cost Surcharge" at the rate and categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by GEPCO, during each of the billing month. GEPCO shall deposited the amount of Financing Cost Surcharge in a Fund called the "Financing Cost Fund" to be kept in the Escrow Account maintained at Central Power Purchasing Agency (Guarantee) Limited for the exclusive use of discharging the financing cost of various loans obtained to discharge liabilities of power producers against the sovereign guarantees of the Government of Pakistan. The Financing Cost Surcharge shall be considered as a cost incurred by GEPCO and included in the tariff determined by NEPRA.

4. Provided further that there shall be levied till the 30th June, 2018, Neelum-Jhelum Surcharge at the rate and categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by GEPCO, during each of the billing month and such surcharge shall be deposited in a Fund called the "Neelum-Jhelum Hydro Power Development Fund" to be kept in the Escrow Account of the Neelum-Jhelum Company for exclusive use for the Neelum-Jhelum Hydro Power Project.

# TARIFF SCHEDULE

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FYA 2016 Rs/kWh	Write-off Charges Rs/kWh	FYA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation			
								Subsidy		Surcharge	
								FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FIXED CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh
		A	B	C	D	E	F				
a)	For Sanctioned load less than 5 kW		4.00				4.00				3.00
i)	Up to 50 Units										
	For Consumption exceeding 50 Units										
ii)	001 - 100 Units		9.64	(1.19)	0.02	0.14	8.60			2.64	
iii)	101 - 200 Units		11.62	(1.19)	0.02	0.14	10.61			2.50	
iv)	201 - 300 Units		12.94	(1.19)	0.03	0.14	11.92			1.73	
v)	301 - 700 Units		15.76	(1.19)	0.03	0.15	14.78				1.22
vi)	Above 700 Units		16.25	(1.19)	0.03	0.15	15.41				3.59
b)	For Sanctioned load 5 kW & above										
	Time of Use		Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak
			16.39 9.89	(1.19) (1.19)	0.02 0.02	0.14 0.14	15.36 8.86			2.64 3.64	

As per Authority a decision residential consumers will be given the benefits of only one previous slab.

Under tariff A-1, there shall be minimum monthly customer charge at the following rates even if no energy is consumed.

a) Single Phase Connections:

Rs. 75/- per consumer per month

b) Three Phase Connections:

Rs. 150/- per consumer per month

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FYA 2016 Rs/kWh	Write-off Charges Rs/kWh	FYA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation			
								Subsidy		Surcharge	
								FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FIXED CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh
		A	B	C	D	E	F				
a)	For Sanctioned load less than 5 kW		18.39	(1.19)	0.02	0.14	14.36				3.64
b)	For Sanctioned load 5 kW & above	400.00	11.89	(1.19)	0.02	0.14	10.86				3.14
	Time of Use		Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak
			16.39 9.89	(1.19) (1.19)	0.02 0.02	0.14 0.14	15.36 8.86			2.64 3.64	

Under tariff A-2, there shall be minimum monthly charges at the following rates even if no energy is consumed.

a) Single Phase Connections:

Rs. 175/- per consumer per month

b) Three Phase Connections:

Rs. 350/- per consumer per month

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FYA 2016 Rs/kWh	Write-off Charges Rs/kWh	FYA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation			
								Subsidy		Surcharge	
								FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FIXED CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh
		A	B	C	D	E	F				
a)	General Services		13.59	(1.19)	0.02	0.09	12.51				2.34

Under tariff A-2, there shall be minimum monthly charges at the following rates even if no energy is consumed.

a) Single Phase Connections:

Rs. 175/- per consumer per month

b) Three Phase Connections:

Rs. 350/- per consumer per month

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FYA 2016 Rs/kWh	Write-off Charges Rs/kWh	FYA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation			
								Subsidy		Surcharge	
								FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FIXED CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh
		A	B	C	D	E	F				
B1	Open 25 kW (at 400/230 Volts)		10.89	(1.19)	0.02	0.14	10.00				4.50
B2(a)	exceeding 25-500 kW (at 400 Volts)	400.00	10.39	(1.19)	0.02	0.14	9.36				4.64
	Time of Use		Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak
			16.39 9.89	(1.19) (1.19)	0.02 0.02	0.14 0.14	15.36 8.86			2.64 3.64	
B3(b)	exceeding 25-500 kW (at 400 Volts)	400.00	16.39 9.89	(1.19) (1.19)	0.02 0.02	0.14 0.14	15.36 8.86			2.64 3.64	
B3	For All Loads up to 8000 kW (at 11.33 kV)	380.00	16.39 9.89	(1.19) (1.19)	0.02 0.02	0.14 0.14	15.36 8.86			2.64 3.64	
B4	For All Loads (at 66,133 kV & above)	360.00	16.39 9.89	(1.19) (1.19)	0.02 0.02	0.14 0.14	15.36 8.86			2.64 3.64	

For B1 consumers there shall be a fixed minimum charge of Rs. 350 per month.

For B3 consumers there shall be a fixed minimum charge of Rs. 2,000 per month.

For B3 consumers there shall be a fixed minimum charge of Rs. 20,000 per month.

For B4 consumers there shall be a fixed minimum charge of Rs. 800,000 per month.

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FYA 2016 Rs/kWh	Write-off Charges Rs/kWh	FYA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation			
								Subsidy		Surcharge	
								FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FIXED CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh
		A	B	C	D	E	F				
C-1	For supply at 400/230 Volts		11.39	(1.19)	0.02	0.14	10.36				4.64
a)	Sanctioned load less than 5 kW										
b)	Sanctioned load 5 kW & up to 500 kW	400.00	10.89	(1.19)	0.02	0.14	9.86				4.64
C-3(a)	For supply at 11.33 kV up to and including 8000 kW	380.00	10.89	(1.19)	0.02	0.14	9.66				4.64
C-3(a)	For supply at 66 kV & above and sanctioned load above 8000 kW	360.00	10.39	(1.19)	0.02	0.14	9.56				4.64
	Time of Use		Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak
			16.39 9.89	(1.19) (1.19)	0.02 0.02	0.14 0.14	15.36 8.86			2.64 3.64	
C-1(c)	For supply at 400/230 Volts 5 kW & up to 500 kW	400.00	16.39 9.89	(1.19) (1.19)	0.02 0.02	0.14 0.14	15.36 8.86			2.64 3.64	
C-3(b)	For supply at 11.33 kV up to and including 8000 kW	380.00	16.39 9.89	(1.19) (1.19)	0.02 0.02	0.14 0.14	15.36 8.86			2.64 3.64	
C-3(b)	For supply at 66 kV & above and sanctioned load above 8000 kW	360.00	16.39 9.89	(1.19) (1.19)	0.02 0.02	0.14 0.14	15.36 8.86			2.64 3.64	

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	Variable Charges Rs/kWh	FYA 2016 Rs/kWh	Write-off Charges Rs/kWh	FYA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation			
								Subsidy FIXED CHARGES Rs/kW/M	Subsidy Variable Charges Rs/kWh	Burschery Variable Charges Rs/kWh	Burschery Variable Charges Rs/kWh
D-1 (a)	SCARP less than 5 kW	-	11.89	(1.19)	0.02	0.14	10.86				
D-3 (a)	Agricultural Tube Wells	200.00	10.89	(1.19)	0.02	0.14	9.66				
			Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak				
D-1 (b)	SCARP 5 kW & above	300.00	16.39 9.59	(1.19) (1.19)	0.02 0.02	0.14 0.14	15.36 9.56				
D-3 (b)	Agricultural 5 kW & above	300.00	16.39 9.59	(1.19) (1.19)	0.02 0.02	0.14 0.14	15.36 9.56	0.36			
									5.01		

In addition to above mentioned subsidy on variable charges, the fixed charges applicable to private agriculture consumers under tariff D-2 and D-1 (b) is also picked by GoP as Subsidy.

Under this tariff, there shall be minimum monthly charges Rs.2000/- per consumer per month, even if no energy is consumed.

Note: The consumers having sanctioned load less than 5 kW can opt for TOD metering.

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	Variable Charges Rs/kWh	FYA 2016 Rs/kWh	Write-off Charges Rs/kWh	FYA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation			
								Subsidy FIXED CHARGES Rs/kW/M	Subsidy Variable Charges Rs/kWh	Burschery Variable Charges Rs/kWh	Burschery Variable Charges Rs/kWh
E-1 (i)	Residential Supply	-	16.39	(1.19)	0.02	0.14	15.36				6.90
E-1 (ii)	Commercial Supply	-	16.39	(1.19)	0.02	0.14	14.36				7.99
E-2	Industrial Supply	-	10.89	(1.19)	0.02	0.14	9.66				9.99

For the categories of E-1 (i) & (ii) above, the minimum bill of the consumer shall be Rs. 50/- per day subject to a minimum of Rs.500/- for the entire period of supply, even if no energy is consumed.

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

135% of relevant industrial tariff

Note: Tariff-F consumers will have the option to convert to Regular Tariff and vice versa. This option can be exercised at the time of a new connection or at the beginning of the season. Once exercised, the option remains in force for at least one year.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	Variable Charges Rs/kWh	FYA 2016 Rs/kWh	Write-off Charges Rs/kWh	FYA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation			
								Subsidy FIXED CHARGES Rs/kW/M	Subsidy Variable Charges Rs/kWh	Burschery Variable Charges Rs/kWh	Burschery Variable Charges Rs/kWh
	Street Lighting	-	10.39	(1.19)	0.02	0.14	9.26				5.64

Under Tariff G, there shall be a minimum monthly charge of Rs.500/- per month per kW of lamp capacity installed.

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	Variable Charges Rs/kWh	FYA 2016 Rs/kWh	Write-off Charges Rs/kWh	FYA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation			
								Subsidy FIXED CHARGES Rs/kW/M	Subsidy Variable Charges Rs/kWh	Burschery Variable Charges Rs/kWh	Burschery Variable Charges Rs/kWh
	Residential Colonies attached to industrial premises	-	10.39	(1.19)	0.02	0.14	9.26				5.64

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	Variable Charges Rs/kWh	FYA 2016 Rs/kWh	Write-off Charges Rs/kWh	FYA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation			
								Subsidy FIXED CHARGES Rs/kW/M	Subsidy Variable Charges Rs/kWh	Burschery Variable Charges Rs/kWh	Burschery Variable Charges Rs/kWh
	Asad Jambori & Kasbahr (AJK)	360.00	10.39	(1.19)	0.02	0.14	9.26				3.87
	Time Of Day	360.00	16.39 11.09	(1.19) (1.19)	0.02 0.02	0.14 0.14	15.36 10.06				2.644 3.14

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	Variable Charges Rs/kWh	FYA 2016 Rs/kWh	Write-off Charges Rs/kWh	FYA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation			
								Subsidy FIXED CHARGES Rs/kW/M	Subsidy Variable Charges Rs/kWh	Burschery Variable Charges Rs/kWh	Burschery Variable Charges Rs/kWh
J-1	For supply at 66 kV & above and having sanctioned load of 20MW & above	360.00	10.89	(1.19)	0.02	0.14	9.66				
J-2	(a) For supply at 11.33 kV	380.00	10.69	(1.19)	0.02	0.14	9.64				
J-3	(b) For supply at 66 kV & above	360.00	10.59	(1.19)	0.02	0.14	9.56				
	(a) For supply at 11.33 kV	380.00	10.69	(1.19)	0.02	0.14	9.66				
	(b) For supply at 66 kV & above	360.00	10.59	(1.19)	0.02	0.14	9.56				
	Time Of Day		Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak				
J-1 (b)	For supply at 66 kV & above and having sanctioned load of 20MW & above	360.00	16.39 9.59	(1.19) (1.19)	0.02 0.02	0.14 0.14	15.36 8.86				
J-2 (a)	For supply at 11.33 kV	380.00	16.39 9.69	(1.19) (1.19)	0.02 0.02	0.14 0.14	15.36 8.66				
J-3 (a)	For supply at 66 kV & above	360.00	16.39 9.69	(1.19) (1.19)	0.02 0.02	0.14 0.14	15.36 8.86				
J-2 (b)	For supply at 11.33 kV	380.00	16.39 9.69	(1.19) (1.19)	0.02 0.02	0.14 0.14	15.36 8.66				
J-3 (b)	For supply at 66 kV & above	360.00	16.39 9.59	(1.19) (1.19)	0.02 0.02	0.14 0.14	15.36 8.86				

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Note:

"Medium-Voltage Burschery" at the rate of Rs. 0.10/kWh applicable to all electricity consumers except lifeline domestic consumers of the category "Residential A-1" for electricity sold.

"Financing Cost Burschery" at the rate of Rs. 0.43/kWh applicable to all the electricity consumers except lifeline domestic consumers of the category "Residential A-1" for electricity sold.

## 1. ORDER

From what has been discussed above, the Authority hereby re-determines the tariff of GEPCO for the Financial Year 2015-16 as under;

- I. Gujranwala Electric Power Company Limited (GEPCO) is allowed to charge its consumers such tariff as set out in the schedule of tariff for GEPCO annexed to the determination.
- II. The actual variation in fuel cost component of power purchase price against the reference fuel cost component shall be adjusted on monthly basis without taking into account the T&D losses. The monthly fuel price adjustment shall be based on the actual information submitted by CPPA (G), adjustment of remaining components of PPP will be adjusted biannually. Here it is pertinent to mention that while making biannual adjustments of the PPP, the Authority may rationalize the SoT accordingly.
- III. GEPCO is allowed to charge the users of its system a "Use of system charge" (UOSC) equal to:

- i) Where only 132 kV system is involved

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.0151)} \times AFI(T) \text{ Paisa/ kWh}$$

- ii) Where only 11 kV distribution systems is involved.

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.0534)} \times AFI(D) \text{ Paisa/ kWh}$$

- iii) Where both 132 kV and 11 kV distribution systems are involved.

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.0685)} \times AFI(TD) \text{ Paisa/ kWh}$$

Where:

Gross Distribution Margin for FY 2015-16 is set at Rs.1.75/kWh (without excluding impact of other income)

'L' is the overall percentage loss assessment for the respective year.

AFI (T) = Adjustment factor for investment at 132 kV level i.e. 34%

AFI (D) = Adjustment factor for investment at 11 kV level i.e. 34%.

AFI (TD) = Adjustment factor for investment at both 132 kV & 11 kV level i.e. 68%.

- IV. The residential consumers will be given the benefit of only one previous slab.
- V. GEPCO is hereby allowed the T&D losses target of 10.03% for the FY 2015-16.
- VI. GEPCO is hereby allowed a total investment of Rs.2,892 million
- VII. The Order part, Annex-I, II, III, IV and V annexed with redetermination is intimated to the Federal Government for notification in the official gazette under Section 31(4) of the NEPRA Act.
- VI. The Authority hereby determines and approves the following component wise cost & its adjustments mechanism in the matter of GEPCO's tariff petition for FY 2015-16.

TARIFF COMPONENT	Assessed Cost FY 2015-16	ADJUSTMENTS/ ASSESSMENT	TIME LINES
POWER PURCHASE PRICE			
Energy Purchase Price			
Fuel Cost	43,916	Monthly, as per the approved mechanism.	Data to be provided by CPPA (G) by 3 <sup>rd</sup> of close of the month
Variable O&M	2,435	Biannually, as per the approved mechanism.	Request to be furnished by the GEPCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
Capacity Charges	22,207	Biannually, as per the approved mechanism.	Request to be furnished by the GEPCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
Use of System Charges	2,830	Biannually, as per the approved mechanism.	Request to be furnished by the GEPCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
T&D Losses	10.03%	Biannually, as per the approved mechanism.	Request to be furnished by the GEPCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
NET DISTRIBUTION MARGIN	11,143		

O&M Cost			
Salaries, wages & other benefits	4,977	Annually	On the basis of next year tariff petition.
Post-Retirement benefits	1,460	----do----	----do----
Repair and Maintenance	751	----do----	----do----
Other operating expanses	934	----do----	----do----
Depreciation	1,654	----do----	----do----
Return on Rate Base	2,803	----do----	----do----
Other Income	(1,435)	----do----	----do----
Prior Year Adjustment	(8,093)	----do----	----do----
Provisional Write Offs	149		

## 1. Order

- i. Based on the above assessment, the Authority hereby determines the following adjustments on account of PPP (*including impact of T&D losses on FCA*) and Prior Year Adjustments for the FY 2016-17;

FY 2016-17	
Description	GEPCO
Mln. Rs.	
<b>A: Power Purchase Price (PPP) Adjustment</b>	
PPP cost billed by CPPA-G	87,578
Less; PPP cost disallowed by the Authority	(1,681)
Net PPP cost to be charged to consumers	85,897
Less; PPP Recovered through notified Tariff	84,014
Under recovered PPP Cost, to be recovered from the consumers	1,883
<b>B: Prior Year Adjustment (PYA)</b>	
PYA to be recovered / (passed on) as per re-determination Sep. 18, 2017	(8,093)
Less; PYA recovered / (Passed on) during FY 2016-17	957
Un-Paid PYA to be passed on to the consumers	(9,050)
<b>C: Impact of Negative Monthly FCA's</b>	
Negative FCA Retained ( <i>Life Line, Agri and Domestic Consumers upto 300 units</i> )	(11,736)
Less; Net Subsidy, if any	26,318
FCA amount to be passed on to the consumers	-
<b>Total Adjustment = A+B+C</b>	<b>(7,166)</b>

- II. The impact of negative PYA amount of Rs.8,093 million already built in GEPCO's re-determination dated September 18, 2017, shall be replaced with the aforementioned negative amount of Rs.7,166 million, thus resulting in an overall adjustment of Rs.927 million in the consumer-end tariff of GEPCO.
- III. After incorporating the above amount in the Authority's re-determination dated September 18, 2017, in the matter of the GoP's reconsideration request for GEPCO, the Estimated Sales Revenue and Schedule of Tariff (SoT) have been revised and are attached as Annex-II and Annex-III respectively to this decision, which will supersede the earlier estimated sales revenue and SoT attached with the Authority's redetermination dated September 18, 2017, in the matter of GoP's Reconsideration request for GEPCO. Remaining annexures would remain the same.

- IV. Tariff under Colum A and F of Annex-III shall remain applicable for one year from the date of notification. Colum C, D, E and F of Annex-III shall cease to exist after one year and only Colum A and B of Annex-III shall remain applicable, till the same is superseded by next notification.
- V. The Authority in its redetermination dated September 18, 2017, in the matter of the GoP's reconsideration request prescribed the mechanism for calculation of the quarterly/ biannual adjustments which is attached as Annex-IA with the instant decision.



**FUEL PRICE ADJUSTMENT MECHANISM**

Actual variation in fuel cost component against the reference fuel cost component for the corresponding months will be determined according to the following formula

$$\text{Fuel Price variation} = \text{Actual Fuel Cost Component} - \text{Reference Fuel Cost Component}$$

Where:

Fuel Price variation is the difference between actual and reference fuel cost component

Actual fuel cost component is the fuel cost component in the pool price on which the DISCOs will be charged by CPPA in a particular month; and

Reference fuel cost component is the fuel cost component for the corresponding month projected for the purpose of tariff determination as per Annex-IV of the determination;

The fuel price adjustment determined by the Authority shall be shown separately in the bill of the consumer and the billing impact shall be worked out on the basis of consumption by the consumer in the respective month.

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### QUARTERLY/BIANNUAL ADJUSTMENT MECHANISM

Quarterly/ Biannual adjustment shall be the Actual variation in Power Purchase Price (PPP), excluding Fuel Cost Component, against the reference Power Purchase Price component and the impact of T&D losses on FCA, for the corresponding months and shall be determined according to the following formula;

$$\text{Quarterly/Biannual PPP}_{(Adj)} = \frac{\text{PPP}_{(Act)} (\text{excluding FCC}) - \text{PPP}_{(Ref)} (\text{excluding FCC})}{(1 - \text{T\&D Loss \%}) - (\text{Life line Consumption \%})}$$

Where;

PPP<sub>(Act)</sub> is the actual cost in Rs./kWh, excluding FCC, invoiced by CPPA-G to XWDISCOs, adjusted for any cost disallowed by the Authority.

PPP<sub>(Ref)</sub> is the reference cost in Rs./kWh as per the Annex-IY of the XWDISCOs determination that remained notified during the period.

T&D Loss % is percentage of T&D losses that remained notified during the period.

Quarterly/Biannual impact of T&D losses on FCA<sub>(Adj)</sub>

$$= \left[ \frac{\text{FCA}_{(Allowed)}}{(1 - \text{T\&D Loss \%}) - (\text{Life line Consumption \%})} \right] - \text{FCA}_{(Allowed)}$$

Where;

FCA<sub>(allowed)</sub> is the FCA allowed by the Authority for the respective months of the concerned period.

T&D Loss % is percentage of T&D losses that remained notified during the period.

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**Gujranwala Electric Power Company Limited (GEPCO)**  
**Estimated Sales Revenue on the Basis of New Tariff**

Description	Sales		Revenue			Base Tariff		PYA 2016		Write off		PYA 2017		Total
	GWh	% Mix	Fixed Charge	Variable Charge	Total	Fixed Charge	Variable Charge	Amount	Variable Charge	Amount	Variable Charge	Amount	Variable Charge	Fixed Charge
			Min. Rs.	Rs./kWh	Rs./kWh	Min. Rs.	Rs./kWh	Min. Rs.	Rs./kWh	Min. Rs.	Rs./kWh	Min. Rs.	Rs./kWh	Rs./kWh
<b>Residential</b>														
Up to 50 Units	354	4.93%	-	1,415	1,415	-	4.00	-	-	-	-	-	-	-
For peak load requirement less than 5 kW														
01-100 Units	1429	19.92%	-	13,767	13,767	-	9.64	(1,700)	(1.19)	29	0.02	194	0.14	-
101-200 Units	722	10.06%	-	8,394	8,394	-	11.63	(852)	(1.18)	14	0.02	98	0.14	-
201-300 Units	787	10.98%	-	10,186	10,186	-	12.94	(937)	(1.19)	24	0.03	107	0.14	-
301-700 Units	372	5.19%	-	5,860	5,860	-	15.76	(431)	(1.16)	11	0.03	54	0.15	-
Above 700 Units	57	0.79%	-	926	926	-	16.35	(65)	(1.15)	2	0.03	10	0.18	-
For peak load requirement exceeding 5 kW														
Time of Use (TOU) - Peak	21	0.30%	-	350	350	-	16.39	(25)	(1.19)	0	0.02	3	0.14	-
Time of Use (TOU) - Off-Peak	90	1.25%	-	890	890	-	9.89	(107)	(1.19)	2	0.02	12	0.14	-
Temporary Supply	0	0.00%	-	2	2	-	16.39	(0)	(1.19)	0	0.02	0	0.14	-
<b>Total Residential</b>	<b>3,831</b>	<b>53.42%</b>	<b>-</b>	<b>41,789</b>	<b>41,789</b>	<b>-</b>	<b>(4,118)</b>	<b>82</b>	<b>479</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Commercial - A2</b>														
For peak load requirement less than 5 kW	227	3.17%	-	3,498	3,498	-	15.39	(270)	(1.19)	5	0.02	31	0.14	-
For peak load requirement exceeding 5 kW														
Regular	1	0.01%	1	6	7	400	11.89	(1)	(1.19)	0	0.02	0	0.14	400
Time of Use (TOU) - Peak	38	0.53%	-	619	619	-	16.39	(45)	(1.19)	1	0.02	5	0.14	-
Time of Use (TOU) - Off-Peak	151	2.11%	413	1,498	1,909	400	9.89	(180)	(1.19)	3	0.02	21	0.14	400
Temporary Supply	7	0.10%	-	107	107	-	15.39	(8)	(1.19)	0	0.02	1	0.14	-
<b>Total Commercial</b>	<b>424</b>	<b>5.91%</b>	<b>414</b>	<b>5,726</b>	<b>6,140</b>	<b>-</b>	<b>(504)</b>	<b>8</b>	<b>58</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>General Services-A3</b>														
	215	3.00%	-	2,924	2,924	-	13.59	(256)	(1.19)	4	0.02	18	0.09	-
<b>Industrial</b>														
B1	42	0.58%	-	452	452	-	10.89	(49)	(1.19)	1	0.02	11	0.28	-
B1 Peak	50	0.69%	-	815	815	-	16.39	(59)	(1.19)	1	0.02	7	0.14	-
B1 Off Peak	306	4.26%	-	3,024	3,024	-	9.89	(364)	(1.19)	6	0.02	42	0.14	-
B2	1	0.01%	1	7	8	400	10.39	(1)	(1.19)	0	0.02	0	0.14	400
B2 - TOU (Peak)	107	1.50%	-	1,760	1,760	-	16.39	(128)	(1.19)	2	0.02	15	0.14	-
B2 - TOU (Off-peak)	836	8.86%	1,485	6,159	7,644	400	9.89	(756)	(1.19)	13	0.02	86	0.14	400
B3 - TOU (Peak)	34	0.47%	-	554	554	-	18.39	(40)	(1.19)	1	0.02	5	0.14	-
B3 - TOU (Off-peak)	928	12.94%	1,075	8,898	9,973	380	9.59	(1,104)	(1.19)	19	0.02	126	0.14	380
B4 - TOU (Peak)	0	0.00%	-	-	-	-	18.39	-	(1.19)	-	0.02	-	0.14	-
B4 - TOU (Off-peak)	0	0.00%	-	-	-	360	9.49	-	(1.19)	-	0.02	-	0.14	360
Temporary Supply	0	0.00%	-	0	0	-	10.89	(0)	(1.19)	0	0.02	0	0.14	-
<b>Total Industrial</b>	<b>2,102</b>	<b>29.31%</b>	<b>2,582</b>	<b>21,669</b>	<b>24,251</b>	<b>-</b>	<b>(2,502)</b>	<b>42</b>	<b>292</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Single Point Supply for further distribution</b>														
C1(a) Supply at 400 Volts-less than 5 kW	0	0.00%	-	1	1	-	11.39	(0)	(1.19)	0	0.02	0	0.14	-
C1(b) Supply at 400 Volts-exceeding 5 kW	0	0.00%	0	2	2	400	10.89	(0)	(1.19)	0	0.02	0	0.14	400
Time of Use (TOU) - Peak	2	0.02%	-	25	25	-	16.39	(2)	(1.19)	0	0.02	0	0.14	-
Time of Use (TOU) - Off-Peak	8	0.11%	13	81	94	400	9.89	(10)	(1.19)	0	0.02	1	0.14	400
C2 Supply at 11 kV	2	0.03%	2	22	23	380	10.69	(2)	(1.19)	0	0.02	0	0.14	380
Time of Use (TOU) - Peak	20	0.27%	-	322	322	-	16.39	(23)	(1.19)	0	0.02	3	0.14	-
Time of Use (TOU) - Off-Peak	99	1.38%	121	959	1,080	380	9.89	(118)	(1.19)	2	0.02	13	0.14	380
C3 Supply above 11 kV	0	0.00%	-	-	-	360	10.59	-	(1.19)	-	0.02	-	0.14	360
Time of Use (TOU) - Peak	0	0.00%	-	-	-	-	16.39	-	(1.19)	-	0.02	-	0.14	-
Time of Use (TOU) - Off-Peak	0	0.00%	-	-	-	360	9.59	-	(1.19)	-	0.02	-	0.14	360
<b>Total Single Point Supply</b>	<b>131</b>	<b>1.82%</b>	<b>136</b>	<b>1,411</b>	<b>1,548</b>	<b>-</b>	<b>(155)</b>	<b>3</b>	<b>18</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Agricultural Tube-wells - Tariff D</b>														
Scarp	0	0.00%	-	3	3	-	11.89	(0)	(1.19)	0	0.02	0	0.14	-
Time of Use (TOU) - Peak	0	0.00%	-	0	0	-	16.39	(0)	(1.19)	0	0.02	0	0.14	-
Time of Use (TOU) - Off-Peak	0	0.00%	0	0	0	200	9.59	(0)	(1.19)	0	0.02	0	0.14	200
Agricultural Tube-wells	55	0.78%	89	596	685	200	10.89	(65)	(1.19)	1	0.02	7	0.14	200
Time of Use (TOU) - Peak	46	0.64%	-	749	749	-	16.39	(54)	(1.19)	1	0.02	6	0.14	-
Time of Use (TOU) - Off-Peak	202	2.82%	370	1,940	2,310	200	9.59	(241)	(1.19)	4	0.02	27	0.14	200
<b>Total Agricultural</b>	<b>303</b>	<b>4.23%</b>	<b>459</b>	<b>3,289</b>	<b>3,747</b>	<b>-</b>	<b>(361)</b>	<b>8</b>	<b>41</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Public Lighting</b>														
Resid. Colon. all. to ind	1	0.01%	-	10	10	-	10.39	(1)	(1.19)	0	0.02	0	0.14	-
Special Contracts - AJK	0	0.00%	-	-	-	380	10.39	-	(1.19)	-	0.02	-	0.14	380
Time of Use (TOU) - Peak	28	0.39%	-	457	457	-	16.39	(33)	(1.19)	1	0.02	4	0.14	-
Time of Use (TOU) - Off-Peak	131	1.82%	171	1,450	1,621	360	11.09	(156)	(1.19)	3	0.02	18	0.14	360
<b>Sub-Total</b>	<b>165</b>	<b>2.31%</b>	<b>171</b>	<b>1,978</b>	<b>2,149</b>	<b>-</b>	<b>(197)</b>	<b>3</b>	<b>22</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Special Contract - Tariff-J</b>														
J-1 For Supply at 66 kV & above	-	0.00%	-	-	-	380	10.59	-	(1.19)	-	0.02	-	0.14	380
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	16.39	-	(1.19)	-	0.02	-	0.14	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	360	9.59	-	(1.19)	-	0.02	-	0.14	360
J-2 (a) For Supply at 11, 33 kV	-	0.00%	-	-	-	380	10.69	-	(1.19)	-	0.02	-	0.14	380
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	16.39	-	(1.19)	-	0.02	-	0.14	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	380	9.69	-	(1.19)	-	0.02	-	0.14	380
J-2 (b) For Supply at 66 kV & above	-	0.00%	-	-	-	360	10.59	-	(1.19)	-	0.02	-	0.14	360
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	16.39	-	(1.19)	-	0.02	-	0.14	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	360	9.59	-	(1.19)	-	0.02	-	0.14	360
J-3 (a) For Supply at 11, 33 kV	-	0.00%	-	-	-	380	10.69	-	(1.19)	-	0.02	-	0.14	380
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	16.39	-	(1.19)	-	0.02	-	0.14	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	380	9.69	-	(1.19)	-	0.02	-	0.14	380
J-3 (b) For Supply at 66 kV & above	-	0.00%	-	-	-	360	10.59	-	(1.19)	-	0.02	-	0.14	360
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	16.39	-	(1.19)	-	0.02	-	0.14	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	360	9.59	-	(1.19)	-	0.02	-	0.14	360
<b>Total Revenue</b>	<b>7,172</b>	<b>100.00%</b>	<b>3,745</b>	<b>78,788</b>	<b>82,531</b>	<b>-</b>	<b>(8,093)</b>	<b>149</b>	<b>927</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

Tariff mentioned under Column "Total Tariff" shall remain applicable for a period of one year from the date of notification. After one year PYA 2018, Write-off and PYA 2017 shall cease to exist and tariff mentioned under Column "Base Tariff" shall remain applicable till the same is superseded by next notification.

<b>GEPCO Power Purchase Price</b>
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Name	July	August	September	October	November	December	January	February	March	April	May	June	Total
Units Purchased by DISCOs (GWh)	823	845	705	693	591	545	469	515	551	593	798	843	7,971
kWh													
Fuel Cost Component	4.9811	4.7552	5.1217	5.2366	5.0497	5.8619	7.1241	5.7493	6.6429	6.7227	5.2908	4.9927	5.509
Variable O & M	0.2727	0.2678	0.2825	0.2891	0.2816	0.3337	0.3711	0.3234	0.3467	0.3577	0.3050	0.2891	0.305
CpGenCap	2.4211	2.3987	2.5629	2.2615	2.6785	3.3061	4.0095	3.1163	2.9700	3.2853	2.6966	2.6183	2.7859
USCF	0.3058	0.3241	0.3517	0.3015	0.3729	0.4093	0.4602	0.4030	0.3397	0.4242	0.3080	0.3511	0.3550
Total PPP in Rs. /kWh	7.9807	7.7457	8.3188	8.0886	8.3927	9.9109	11.9650	9.5921	10.2993	10.7898	8.6003	8.2511	8.9558

													Rs in Million
Fuel Cost Component	4,102	4,018	3,611	3,630	2,986	3,195	3,339	2,961	3,661	3,984	4,223	4,206	43,916
Variable O & M	225	226	199	200	172	182	174	167	191	212	243	244	2,435
CpGenCap	1,994	2,027	1,807	1,568	1,584	1,802	1,879	1,605	1,637	1,947	2,153	2,206	22,207
USCF	252	274	248	209	221	223	216	208	187	251	246	296	2,830
PPP	6,572	6,545	5,865	5,607	4,963	5,401	5,608	4,940	5,676	6,394	6,865	6,952	71,388

*It is clarified that PPP is pass through for all the DISCOs and its monthly references would continue to exist irrespective of the financial year, unless the new SOT is revised and notified by the GOP*

**TERMS AND CONDITIONS OF TARIFF  
(FOR SUPPLY OF ELECTRIC POWER TO CONSUMERS BY DISTRIBUTION  
LICENSEES)**

**PART-I**

**GENERAL DEFINITIONS**

The Company, for the purposes of these terms and conditions means Gujranwala Electric Power Company Limited (GEPCO) engaged in the business of distribution of electricity within the territory mentioned in the licence granted to it for this purpose.

1. "Month or Billing Period", unless otherwise defined for any particular tariff category, means a billing month of 30 days or less reckoned from the date of last meter reading.
2. "Minimum Charge", means a charge to recover the costs for providing customer service to consumers even if no energy is consumed during the month.
3. "Fixed Charge" means the part of sale rate in a two-part tariff to be recovered on the basis of "Billing Demand" in kilowatt on monthly basis.
4. "Billing Demand" means the highest of maximum demand recorded in a month except in the case of agriculture tariff D2 where "Billing Demand" shall mean the sanctioned load.
5. "Variable Charge" means the sale rate per kilowatt-hour (kWh) as a single rate or part of a two-part tariff applicable to the actual kWh consumed by the consumer during a billing period.
6. "Maximum Demand" where applicable, means the maximum of the demand obtained in any month measured over successive periods each of 30 minutes' duration except in the case of consumption related to Arc Furnaces, where "Maximum Demand" shall mean the maximum of the demand obtained in any month measured over successive periods each of 15 minutes' duration.
7. "Sanctioned Load" where applicable means the load in kilowatt as applied for by the consumer and allowed/authorized by the Company for usage by the consumer.
8. "Power Factor" means the ratio of kWh to KVAh recorded during the month or the ratio of kWh to the square root of sum of square of kWh and kVARh.
9. Point of supply means metering point where electricity is delivered to the consumer.
10. Peak and Off Peak hours for the application of Time Of Use (TOU) Tariff shall be the following time periods in a day:

	<u>* PEAK TIMING</u>	<u>OFF-PEAK TIMING</u>
Dec to Feb (inclusive) day	5 PM to 9 PM	Remaining 20 hours of the
Mar to May (inclusive)	6 PM to 10 PM	-do-
June to Aug (inclusive)	7 PM to 11 PM	-do-
Sept to Nov (inclusive)	6 PM to 10 PM	-do-

\* To be duly adjusted in case of day light time saving

11. "Supply", means the supply for single-phase/three-phase appliances inclusive of both general and motive loads subject to the conditions that in case of connected or sanctioned load exceeding 4 kW supply shall be given at three-phase.

12. "Consumer" means a person or his successor-in-interest as defined under Section 2(iv) of the Regulation of Generation, Transmission and Distribution of Electric Power Act (XL of 1997).
13. "Charitable Institution" means an institution, which works for the general welfare of the public on no profit basis and is registered with the Federal or Provincial Government as such and has been issued tax exemption certificate by Federal Board of Revenue (FBR).
14. NTDC means the National Transmission and Dispatch Company.
15. CPPA(G) means Central Power Purchasing Agency Guarantee Limited (CPPA)(G).
16. The "Authority" means "The National Electric Power Regulatory Authority (NEPRA)" constituted under the Regulation of Generation, Transmission and Distribution of Electric Power Act (XL of 1997).

#### **GENERAL CONDITIONS**

1. "The Company shall render bills to the consumers on a monthly basis or less on the specific request of a consumer for payment by the due date.
2. The Company shall ensure that bills are delivered to consumers at least seven days before the due date. If any bill is not paid by the consumer in full within the due date, a Late Payment Charge of 10% (ten percent) shall be levied on the amount billed excluding Govt. tax and duties etc. In case bill is not served at least seven days before the due date then late payment surcharge will be levied after 7<sup>th</sup> day from the date of delivery of bill.
3. The supply provided to the consumers shall not be available for resale.
4. In the case of two-part tariff average Power Factor of a consumer at the point of supply shall not be less than 90%. In the event of the said Power factor falling below 90%, the consumer shall pay a penalty of two percent increase in the fixed charges determined with reference to maximum demand during the month corresponding to one percent decrease in the power factor below 90%.

## **PART-II**

**(Definitions and Conditions for supply of power specific to each consumer category)**

### **A-1 RESIDENTIAL**

#### **Definition**

“Life Line Consumer” means those residential consumers having single phase electric connection with a sanctioned load up to 1 kW.

At any point of time, if the floating average of last six months' consumption exceed 50 units, then the said consumer would not be classified as life line for the billing month even if its consumption is less than 50 units. For the purpose of calculating floating average, the consumption charged as detection billing would also be included.

1. This Tariff is applicable for supply to;
  - i) Residences,
  - ii) Places of worship,
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. A-1(a) tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and shall be billed on the basis of tariff A-1(b) as set out in the Schedule of Tariff.
4. All existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and converted to A- 1(b) Tariff by the Company.

### **A-2 COMMERCIAL**

1. This tariff is applicable for supply to commercial offices and commercial establishments such as:
  - i) Shops,
  - ii) Hotels and Restaurants,
  - iii) Petrol Pumps and Service Stations,
  - iv) Compressed Natural Gas filling stations,
  - v) Private Hospitals/Clinics/Dispensaries,
  - vi) Places of Entertainment, Cinemas, Theaters, Clubs;
  - vii) Guest Houses/Rest Houses,
  - viii) Office of Lawyers, Solicitors, Law Associates and Consultants etc.
2. Consumers under tariff A-2 having sanctioned load of less than 5 kW shall be billed under a Single-Part kWh rate A-2(a)
3. All existing consumers under tariff A-2 having sanctioned load 5 kW and above shall be billed on A-2(b) tariff till such time that they are provided T.O.U metering arrangement; thereafter such consumers shall be billed on T.O.U tariff A-2(c).
4. The existing and prospective consumers having load of 5 kW and above can opt for T.O.U metering arrangement and A-2(c) tariff.
5. All existing consumers under tariff A-2 shall be provided T.O.U metering arrangement by the Company and convert it to-A-2 (c) Tariff.
6. All new connections having load requirement 5 kW and above shall be provided T.O.U meters and shall be billed under tariff A-2(c).

### **A-3 GENERAL SERVICES**

1. This tariff is applicable to;
  - i. Approved religious and charitable institutions
  - ii. Government and Semi-Government offices and Institutions
  - iii. Government Hospitals and dispensaries
  - iv. Educational institutions
  - v. Water Supply schemes including water pumps and tube wells operating on three phase 400 volts other than those meant for the irrigation or reclamation of Agriculture land.
1. Consumers under General Services (A-3) shall be billed on single-part kWh rate i.e. A-3(a) tariff.

### **B INDUSTRIAL SUPPLY**

#### **Definitions**

1. "Industrial Supply" means the supply for bona fide industrial purposes in factories including the supply required for the offices and for normal working of the industry.
2. For the purposes of application of this tariff an "Industry" means a bona fide undertaking or establishment engaged in manufacturing, value addition and/or processing of goods.
3. This Tariff shall also be available for consumers having single-metering arrangement such as;
  - i) Poultry Farms
  - ii) Fish Hatcheries and Breeding Farms and
  - iii) Software houses

#### **Conditions**

An industrial consumer shall have the option, to switch over to seasonal Tariff-F, provided his connection is seasonal in nature as defined under Tariff-F, and he undertakes to abide by the terms and conditions of Tariff-F and pays the difference of security deposit rates previously deposited and those applicable to tariff-F at the time of acceptance of option for seasonal tariff. Seasonal tariff will be applicable from the date of commencement of the season, as specified by the customers at the time of submitting the option for Tariff-F. Tariff-F consumers will have the option to convert to corresponding Regular Industrial Tariff category and vice versa. This option can be exercised at the time of obtaining a new connection or at the beginning of the season. Once exercised, the option will remain in force for at least one year.

#### **B-1 SUPPLY AT 400 VOLTS THREEPHASE AND/OR 230 VOLTS SINGLE PHASE**

1. This tariff is applicable for supply to Industries having sanctioned load upto a 25 kW.
2. Consumers having sanctioned load less than 25 kW shall be billed on single-part kWh rate.
3. All existing consumers under tariff B-1 shall be provided T.O.U metering arrangement by the Company and convert it to-B1 (b) Tariff.

#### **B-2 SUPPLY AT 400 VOLTS**

1. This tariff is applicable for supply to Industries having sanctioned load of more than 25 kW up to and including 500 kW.



2. All existing consumers under tariff B-2 shall be provided T.O.U metering arrangement by the Company and converted to B-2(b) Tariff.
3. All new applicants i.e. prospective consumers applying for service to the Company shall be provided T.O.U metering arrangement and charged according to the applicable T.O.U tariff.

### **B-3 SUPPLY AT 11 kV AND 33 kV**

1. This tariff is applicable for supply to Industries having sanctioned load of more than 500 kW up to and including 5000 kW and also for Industries having sanctioned load of 500 kW or below who opt for receiving supply at 11 kV or 33 kV.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. The supply under this Tariff shall not be available to a prospective consumer unless he provides, to the satisfaction and approval of the Company, his own Transformer, Circuit Breakers and other necessary equipment as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively pays to the Company for all apparatus and equipment if so provided and installed by the Company. The recovery of the cost of service connection shall be regulated by the NEPRA eligibility criteria.
4. All B-3 Industrial Consumers shall be billed on the basis of T.O.U tariff given in the Schedule of Tariff.

### **B-4 SUPPLY AT 66 kV, 132 kV AND ABOVE**

1. This tariff is applicable for supply to Industries for all loads of more than 5000 kW receiving supply at 66 kV, 132 kV and above and also for Industries having load of 5000 kW or below who opt to receive supply at 66 kV or 132 kV and above.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. If the Grid Station required for provision of supply falls within the purview of the dedicated system under the NEPRA Eligibility Criteria, the supply under this Tariff shall not be available to such a prospective consumer unless he provides, to the satisfaction and approval of the Company, an independent grid station of his own including Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively, pays to the Company for all such Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus if so provided and installed by the Company. The recovery of cost of service connection shall be regulated by NEPRA Eligibility Criteria.
4. All B-4 Industrial Consumers shall be billed on the basis of two-part T.O.U tariff.

## **C BULK SUPPLY**

"Bulk Supply" for the purpose of this Tariff, means the supply given at one point for self-consumption not selling to any other consumer such as residential, commercial, tube-well and others.

### **General Conditions**

If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days no notice will be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days the fixed charges shall be assessed on proportionate basis for actual number of days between the date of old reading and the new reading.

### **C-1 SUPPLY AT 400/230 VOLTS**

1. This Tariff is applicable to a consumer having a metering arrangement at 400 volts, having sanctioned load of up to and including 500 kW.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. C-1(a) tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and shall be billed on the basis of Time-of-Use (T.O.U) tariff C-1(c) given in the Schedule of Tariff.
4. All the existing consumers governed by this tariff having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements.

### **C-2 SUPPLY AT 11 kV AND 33 kV**

1. This tariff is applicable to consumers receiving supply at 11 kV or 33 kV at one-point metering arrangement and having sanctioned load of up to and including 5000 kW.
2. The supply under this Tariff shall not be available to a prospective consumer unless he provides, to the satisfaction and approval of the Company, his own Transformer, Circuit Breakers and other necessary equipment as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively pays to the Company for all apparatus and equipment if so provided and installed by the Company. The recovery of the cost of service connection shall be regulated by the NEPRA eligibility criteria.
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff C-2(b) as set out in the Schedule of Tariff.
4. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to C-2(b).

### **C-3 SUPPLY AT 66 kV AND ABOVE**

1. This tariff is applicable to consumers having sanctioned load of more than 5000 kW receiving supply at 66 kV and above.
2. If the Grid Station required for provision of supply falls within the purview of the dedicated system under the NEPRA Eligibility Criteria, the supply under this Tariff shall not be available to such a prospective consumer unless he provides, to the satisfaction and approval of the Company, an independent grid station of his own including Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively, pays to the Company for all such Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus if so provided and installed by the Company. The recovery of cost of service connection shall be regulated by NEPRA Eligibility Criteria.
3. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to C-3(b).
4. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff C-3(b) as set out in the Schedule of Tariff.

## **D AGRICULTURAL SUPPLY**

"Agricultural Supply" means the supply for Lift Irrigation Pumps and/or pumps installed on Tube-wells intended solely for irrigation or reclamation of agricultural land or forests, and include supply for lighting of the tube-well chamber.

### **Special Conditions of Supply**

1. This tariff shall apply to:
  - i) Reclamation and Drainage Operation under Salinity Control and Reclamation Projects (SCARP):
  - ii) Bona fide forests, agricultural tube-wells and lift irrigation pumps for the irrigation of agricultural land.
  - iii) Tube-wells meant for aqua-culture, viz. fish farms, fish hatcheries and fish nurseries.
  - iv) Tube-wells installed in a dairy farm meant for cultivating crops as fodder and for upkeep of cattle.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. The lamps and fans consumption in the residential quarters, if any, attached to the tube-wells shall be charged entirely under Tariff A-1 for which separate metering arrangements should be installed.
4. The supply under this Tariff shall not be available to consumer using pumps for the irrigation of parks, meadows, gardens, orchards, attached to and forming part of the residential, commercial or industrial premises in which case the corresponding Tariff A-1, A-2 or Industrial Tariff B-1, B-2 shall be respectively applicable.

#### **D-1**

1. This tariff is applicable to all Reclamation and Drainage Operation pumping under SCARP related installation having sanctioned load of less than 5 kW.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. D-1(a) tariff given in the Schedule of Tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided TOU metering arrangement and shall be charged on the basis of Time-of- Use (T.O.U) tariff D-1(b) given in the Schedule of Tariff.
4. All the existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements and shall be governed by D-1(a) till that time.

#### **D-2**

1. This tariff is applicable to consumers falling under Agriculture Supply having sanctioned load less than 5 kW excluding SCARP related installations.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. D-2(a) tariff given in the Schedule of Tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided TOU metering arrangement and shall be charged on the basis of Time-of- Use (T.O.U) tariff D- 2(b) given in the Schedule of Tariff.
4. All the existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements and shall be governed by D-2(a) till that time.

## **E -1 TEMPORARY RESIDENTIAL/COMMERCIAL SUPPLY**

Temporary Residential/Commercial Supply means a supply given to persons temporarily on special occasions such as ceremonial, religious gatherings, festivals, fairs, marriages and other civil or military functions. This also includes supply to touring cinemas and persons engaged in construction works for all kinds of single phase loads. For connected load exceeding 4 kW, supply may be given at 400 volts (3 phase) to allow a balanced distribution of load on the 3 phases. Normally, temporary connections shall be allowed for a period of 3 months which can be extended on three months basis subject to clearance of outstanding dues.

### **Special Conditions of Supply**

1. This tariff shall apply to Residential and Commercial consumers for temporary supply.
2. Ordinarily the supply under this Tariff shall not be given by the Company without first obtaining security equal to the anticipated supply charges and other miscellaneous charges for the period of temporary supply.

## **E -2 TEMPORARY INDUSTRIAL SUPPLY**

"Temporary Industrial Supply" means the supply given to an Industry for the bonafide purposes mentioned under the respective definitions of "Industrial Supply", during the construction phase prior to the commercial operation of the Industrial concern.

### **SPECIAL CONDITIONS OF SUPPLY**

1. Ordinarily the supply under this Tariff shall not be given by the Company without first obtaining security equal to the anticipated supply charges and other miscellaneous charges for the period of temporary supply.
2. Normally, temporary connections shall be allowed for a period of 3 months; which may be extended on three months basis subject to clearance of outstanding dues.

## **F SEASONAL INDUSTRIAL SUPPLY**

"Seasonal Industry" for the purpose of application of this Tariff, means an industry which works only for part of the year to meet demand for goods or services arising during a particular season of the year. However, any seasonal industry running in combination with one or more seasonal industries, against one connection, in a manner that the former works in one season while the latter works in the other season (thus running throughout the year) will not be classified as a seasonal industry for the purpose of the application of this Tariff.

### **Definitions**

1. "Year" means any period comprising twelve consecutive months.
2. All "Definitions" and "Special Conditions of Supply" as laid down under the corresponding Industrial Tariffs shall also form part of this Tariff so far as they may be relevant.

### **Special Conditions of Supply**

1. This tariff is applicable to seasonal industry.
2. Fixed Charges per kilowatt per month under this tariff shall be levied at the rate of 125% of the corresponding regular Industrial Supply Tariff Rates and shall be recovered only for the period that the seasonal industry actually runs subject to minimum period of six consecutive months during any twelve consecutive months. The condition for recovery of Fixed Charges for a minimum period of six months shall not, however, apply to the

seasonal industries, which are connected to the Company's Supply System for the first time during the course of a season.

3. The consumers falling within the purview of this Tariff shall have the option to change over to the corresponding industrial Supply Tariff, provided they undertake to abide by all the conditions and restrictions, which may, from time to time, be prescribed as an integral part of those Tariffs. The consumers under this Tariff will have the option to convert to Regular Tariff and vice versa. This option can be exercised at the time of obtaining a new connection or at the beginning of the season. Once exercised, the option will remain in force for at least one year.
4. All seasonal loads shall be disconnected from the Company's Supply System at the end of the season, specified by the consumer at the time of getting connection, for which the supply is given. In case, however, a consumer requires running the non-seasonal part of his load (e.g., lights, fans, tube-wells, etc.) throughout the year, he shall have to bring out separate circuits for such load so as to enable installation of separate meters for each type of load and charging the same at the relevant Tariff.
5. Where a "Seasonal Supply" consumer does not come forward to have his seasonal industry re-connected with the Company's Supply System in any ensuing season, the service line and equipment belonging to the Company and installed at his premises shall be removed after expiry of 60 days of the date of commencement of season previously specified by the consumer at the time of his obtaining new connection/re-connection. However, at least ten clear days notice in writing under registered post shall be necessary to be given to the consumer before removal of service line and equipment from his premises as aforesaid, to enable him to decide about the retention of connection or otherwise. No Supply Charges shall be recovered from a disconnected seasonal consumer for any season during which he does not come forward to have his seasonal industry re-connected with the Company's Supply System.

#### **G PUBLIC LIGHTING SUPPLY**

"Public Lighting Supply" means the supply for the purpose of illuminating public lamps.

##### **Definitions**

"Month" means a calendar month or a part thereof in excess of 15 days.

##### **Special Conditions of Supply**

The supply under this Tariff shall be used exclusively for public lighting installed on roads or premises used by General Public.

#### **H RESIDENTIAL COLONIES ATTACHED TO INDUSTRIES**

This tariff is applicable for one-point supply to residential colonies attached to the industrial supply consumers having their own distribution facilities.

##### **Definitions**

"One Point Supply" for the purpose of this Tariff, means the supply given by one point to Industrial Supply Consumers for general and domestic consumption in the residential colonies attached to their factory premises for a load of 5 Kilowatts and above. The purpose is further distribution to various persons residing in the attached residential colonies and also for perimeter lighting in the attached residential colonies.

"General and Domestic Consumption", for the purpose of this Tariff, means consumption for lamps, fans, domestic applications, including heated, cookers, radiators, air-conditioners, refrigerators and domestic tube-wells.

“Residential Colony” attached to the Industrial Supply Consumer, means a group of houses annexed with the factory premises constructed solely for residential purpose of the bonafide employees of the factory, the establishment or the factory owners or partners, etc.

#### **Special Conditions of Supply**

The supply under this Tariff shall not be available to persons who meet a part of their requirements from a separate source of supply at their premises.

#### **I. TRACTION**

Supply under this tariff means supply of power in bulk to Railways for Railway traction only.

#### **J. SPECIAL CONTRACTS UNDER NEPRA (SUPPLY OF POWER) REGULATIONS 2015**

Supply for the purpose of this tariff means the supply given at one or more common delivery points;

- i. To a licensee procuring power from GEPCO for the purpose of further supply within its respective service territory and jurisdiction.
- ii. To an O&M operator under the O&M Agreement within the meaning of NEPRA (Supply of Power) Regulations 2015 duly approved by the Authority for the purpose of further supply within the service territory and jurisdiction of the GEPCO
- iii. To an Authorized agent within the meaning of NEPRA (Supply of Power) Regulations 2015, procuring power from the GEPCO for further supply within the service territory and jurisdiction of the GEPCO

#### **J-1 SUPPLY TO LICENSEE**

1. This tariff is applicable to a Licensee having sanctioned load of 20 MW and above receiving supply at 66 kV and above.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-1(b).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-1(b) as set out in the Schedule of Tariff.

## SUPPLY UNDER O&M AGREEMENT

### J-2 (a) SUPPLY AT 11 KV AND 33 KV

1. This tariff is applicable to an O&M operator receiving supply at 11 kV or 33 kV under the O&M Agreement duly approved by the Authority.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-2(c).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-2(c) as set out in the Schedule of Tariff.

### J-2 (b) SUPPLY AT 66 KV AND ABOVE

1. This tariff is applicable to an O&M operator receiving supply at 66 kV & above under the O&M Agreement duly approved by the Authority.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-2(d).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-2(d) as set out in the Schedule of Tariff.

## SUPPLY TO AUTHORIZED AGENT

### J-3 (a) SUPPLY AT 11 KV AND 33 KV

1. This tariff is applicable to an authorized agent receiving supply at 11 kV or 33 kV.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-3(c).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-3(c) as set out in the Schedule of Tariff.

### J-3 (b) SUPPLY AT 66 KV AND ABOVE

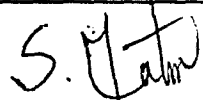
1. This tariff is applicable to an authorized agent receiving supply at 66 kV & above.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-3(d).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-3(d) as set out in the Schedule of Tariff.

## K. SPECIAL CONTRACTS

Supply under this tariff means supply of power to Special Contracts, i.e. Government of Azad Jammu & Kashmir (AJK) at one point.

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[Tariff-2015-16]

  
(Syed Mateen Ahmed)  
Section Officer (Tariff)

Government of Pakistan  
Ministry of Energy  
\*\*\*\*\*

Islamabad, the 22<sup>nd</sup> March, 2018.

**NOTIFICATION**

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S.R.O. (I)/2018. - In pursuance of sub-section (4) & (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), and in supersession of its notification No. S.R.O. 572(I)2015, dated the June 10<sup>th</sup>, 2015, the Federal Government is pleased to notify the National Electric Power Regulatory Authority's in field determined Schedule Of Electricity Tariffs for the Multan Electric Power Company (MEPCO), subject to and alongwith amount of subsidy and surcharges, with immediate effect, as attached herewith. The Order dated September 18, 2017 and October 23, 2017 of the Authority at Annex-I and IA, Fuel Price Adjustment Mechanism and Quarterly/Biannual Adjustment Mechanism at Annex-II and IIA, MEPCO Estimated Sales Revenue in field at Annex-III, MEPCO Power Purchase Price at Annex-IV, the Terms and Conditions of Tariff (For Supply Of Electric Power To Consumers By Distribution Licensee) at Annex-V to this notification is notified, in respect of MEPCO.

2. Provided that in pursuance of sub-section (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), the Federal Government is pleased to notify that there shall be levied with immediate effect a surcharge namely, "Tariff Rationalization Surcharge" at the rate mentioned against categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by MEPCO, during each of the billing month, for maintaining uniform rates of electricity across the country for each of the consumer category. MEPCO shall deposited the amount of Tariff Rationalization Surcharge in a Fund called the "Tariff Rationalization Fund" to be kept in the Escrow Account maintained at Central Power Purchasing Agency (Guarantee) Limited and utilized exclusively for discharging of determined cost of power producers. The Tariff Rationalization Surcharge shall be considered as a cost incurred by MEPCO and included in the tariff determined by NEPRA.



3. Provided further that in pursuance of sub-section (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), the Federal Government is pleased to notify that there shall be levied with immediate effect a surcharge namely, "Financing Cost Surcharge" at the rate and categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by MEPCO, during each of the billing month. MEPCO shall deposited the amount of Financing Cost Surcharge in a Fund called the "Financing Cost Fund" to be kept in the Escrow Account maintained at Central Power Purchasing Agency (Guarantee) Limited for the exclusive use of discharging the financing cost of various loans obtained to discharge liabilities of power producers against the sovereign guarantees of the Government of Pakistan. The Financing Cost Surcharge shall be considered as a cost incurred by MEPCO and included in the tariff determined by NEPRA.

4. Provided further that there shall be levied till the 30th June, 2018, Neelum-Jhelum Surcharge at the rate and categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by MEPCO, during each of the billing month and such surcharge shall be deposited in a Fund called the "Neelum-Jhelum Hydro Power Development Fund" to be kept in the Escrow Account of the Neelum-Jhelum Company for exclusive use for the Neelum-Jhelum Hydro Power Project.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	FYA 2016	Write-off Charges	FYA 2017	Total Variable Charges	GoP Tariff Rationalization			
								Subsidy		Surcharge	
								FIXED CHARGES	VARIABLE CHARGES	FIXED CHARGES	VARIABLE CHARGES
		Rs./kWh/M	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh/M	Rs./kWh	Rs./kWh	
		A	B	C	D	E	F				
i)	For sanctioned load less than 5 kW	-									
	i) Up to 30 Units	-	4.00				4.00		3.00		
	For Consumption exceeding 30 Units	-									
ii)	001 - 100 Units	-	8.94	(1.44)	0.12	3.05	10.67		4.88		
iii)	101 - 200 Units	-	10.44	(1.44)	0.12	3.05	13.17		4.06		
iv)	301 - 500 Units	-	11.84	(1.44)	0.12	3.07	13.99		3.39		
v)	501 - 700 Units	-	14.48	(1.44)	0.12	3.09	16.21		0.21		
vi)	Above 700 Units	-	15.98	(1.48)	0.12	3.11	17.73			0.27	
b)	For sanctioned load 5 kW & above										
			Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	
	Time Of Use		14.64	8.94	(1.44)	0.12	3.05	2.08	16.37	10.67	
			Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	
									1.65	1.63	

As per Authority's decision residential consumers will be given the benefits of only one previous slab.  
Under tariff A-1, there shall be minimum monthly customer charge at the following rates even if no energy is consumed.

a) Single Phase Connections:

Rs. 75/- per consumer per month

b) Three Phase Connections:

Rs. 150/- per consumer per month

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./kWh/M	VARIABLE CHARGES Rs./kWh	FYA 2016 Rs./kWh	Write-off Charges Rs./kWh	FYA 2017 Rs./kWh	Total Variable Charges Rs./kWh	GoP Tariff Rationalization				
								Subsidy		Surcharge		
								FIXED CHARGES Rs./kWh/M	VARIABLE CHARGES Rs./kWh	VARIABLE CHARGES Rs./kWh	VARIABLE CHARGES Rs./kWh	
		A	B	C	D	E	F					
a)	For Sanctioned load less than 5 kW		14.04	(1.44)	0.12	3.08	16.77				2.23	
b)	For Sanctioned load 5 kW & above	400.00	12.04	(1.44)	0.12	3.08	13.77				2.23	
c)	Time Of Use	400.00	14.64	8.94	(1.44)	0.12	3.05	16.27	10.67			
			Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak
											1.63	1.63

Under tariff A-2, there shall be minimum monthly charges at the following rates even if no energy is consumed.

a) Single Phase Connections:

Rs. 175/- per consumer per month

b) Three Phase Connections:

Rs. 350/- per consumer per month

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	FYA 2016	Write-off Charges	FYA 2017	Total Variable Charges	GoP Tariff Rationalization		
								Subsidy		Surcharge
								FIXED CHARGES	VARIABLE CHARGES	VARIABLE CHARGES
		Rs./kWh/M	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh/M	Rs./kWh	Rs./kWh
		A	B	C	D	E	F			
1	General Services		15.74	(1.44)	0.12	3.08	15.47			0.72

Under tariff A-3, there shall be minimum monthly charges at the following rates even if no energy is consumed.

a) Single Phase Connections:

Rs. 175/- per consumer per month

b) Three Phase Connections:

Rs. 350/- per consumer per month

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kWh/M	VARIABLE CHARGES Rs/kWh	FYA 2016 Rs/kWh	Write-off Charges Rs/kWh	FYA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalization					
								Subsidy		Surcharge			
								FIXED CHARGES Rs/kWh/M	VARIABLE CHARGES Rs/kWh	FIXED CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh		
		A	B	C		D		E		F			
B1	Up to 25 kW (at 400/230 Volts)		11.84	(1.44)	0.12	3.05	13.57						1.23
B2(a)	exceeding 33-500 kW (at 400 Volts)	400.00	11.04	(1.44)	0.12	3.05	12.77						1.23
Time Of Use													
Peak			14.64	8.94	(1.44)	0.12	3.05	16.37	10.67			1.63	1.63
Off-Peak													
B1 (b)	Up to 25 kW		14.64	8.94	(1.44)	0.12	3.08	16.37	10.67			1.63	1.63
B2(b)	exceeding 25-500 kW (at 400 Volts)	400.00	14.64	8.94	(1.44)	0.12	3.08	16.37	10.67			1.63	1.63
B3	For All Loads up to 5000 kW (at 11.33 kV)	380.00	14.64	8.94	(1.44)	0.12	3.05	16.37	10.37			1.63	1.63
B4	For All Loads (at 66,132 kV & above)	380.00	14.64	8.94	(1.44)	0.12	3.05	16.37	10.37			1.63	1.63

For B1 consumers there shall be a fixed minimum charge of Rs. 350 per month.

For B2 consumers there shall be a fixed minimum charge of Rs. 2,000 per month.

For B3 consumers there shall be a fixed minimum charge of Rs. 50,000 per month.

For B4 consumers there shall be a fixed minimum charge of Rs. 500,000 per month.

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	FYA 2016	Write-off Charges	FYA 2017	Total Variable Charges	GoP Tariff Rationalization						
								Subsidy		Surcharge				
								FIXED CHARGES	VARIABLE CHARGES	FIXED CHARGES	VARIABLE CHARGES			
		Rs./kWh/M	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh/M	Rs./kWh	Rs./kWh	Rs./kWh			
		A	B	C	D	E	F							
C-1	For supply at 400/230 Volts													
a)	Sanctioned load less than 5 kW		12.04	[1.44]	0.12	3.08	13.77				1.23			
b)	Sanctioned load 5 kW & up to 500 kW	400.00	11.84	[1.44]	0.12	3.08	13.27				1.23			
C-2(a)	For supply at 11.33 kV up to and including 5000 kW	380.00	11.34	[1.44]	0.12	3.08	13.07				1.23			
C-2(b)	For supply at 66 kV & above and sanctioned load above 5000 kW	360.00	11.24	[1.44]	0.12	3.06	12.97				1.33			
	Time Of Use													
			Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak				
C-1(a)	For supply at 400/230 Volts 5 kW & up to 500 kW	400.00	14.64	8.94	[1.44]	[1.44]	0.12	0.12	3.08	3.06	16.37	10.67		
C-2(a)	For supply at 11.33 kV up to and including 5000 kW	380.00	14.64	8.74	[1.44]	[1.44]	0.12	0.12	3.06	3.06	16.27	10.47	1.63	1.63
C-2(b)	For supply at 66 kV & above and sanctioned load above 5000 kW	360.00	14.64	8.84	[1.44]	[1.44]	0.12	0.12	3.06	3.03	16.37	10.57	1.63	1.63

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.



ORDER

From what has been discussed above, the Authority hereby re-determines the tariff of MEPCO for the Financial Year 2015-16 as under;

- I. Multan Electric Power Company Limited (MEPCO) is allowed to charge its consumers such tariff as set out in the schedule of tariff for MEPCO annexed to the determination.
- II. The actual variation in fuel cost component of power purchase price against the reference fuel cost component shall be adjusted on monthly basis without taking into account the T&D losses. The monthly fuel price adjustment shall be based on the actual information submitted by CPPA (G), adjustment of remaining components of PPP will be adjusted biannually. Here it is pertinent to mention that while making biannual adjustments of the PPP, the Authority may rationalize the SoT accordingly.

- III. MEPCO is allowed to charge the users of its system a "Use of system charge" (UOSC) equal to:

- i) Where only 132 kV system is involved

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.035)} \times AFI(T) \quad \text{Paisa/kWh}$$

- ii) Where only 11 kV distribution systems is involved.

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.05)} \times AFI(D) \quad \text{Paisa/kWh}$$

- iii) Where both 132 kV and 11 kV distribution systems are involved.

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.085)} \times AFI(TD) \quad \text{Paisa/kWh Where:}$$

Gross Distribution Margin for FY 2015-16 is set at Rs.1.42/kWh (without excluding impact of other income)

'L' is the overall percentage loss assessment for the respective year.

AFI (T) = Adjustment factor for investment at 132 kV level i.e. 23%

AFI (D) = Adjustment factor for investment at 11 kV level i.e. 40%.

AFI (TD) = Adjustment factor for investment at both 132 kV & 11 kV level i.e. 63%.

- IV. The residential consumers will be given the benefit of only one previous slab.

- V. MEPCO is hereby allowed the T&D losses target of 15.00% for the FY 2015-16.
- VI. Tariff under Colum 'A' and 'D' of Annex-III shall remain applicable for one year from the date of notification. Colum 'C' of Annex-III shall cease to exist after one year and only Colum 'A' and 'B' of Annex-III would remain applicable till the same is superseded by next notification.
- VII. MEPCO is hereby allowed a total investment of Rs.10,008 million.
- VIII. The Order part, Annex-I, II, III, IV and V annexed with the determination is intimated to the Federal Government for notification in the official gazette under Section 31(4) of the NEPRA Act.
- IX. The Authority hereby determines and approves the following component wise cost & its adjustments mechanism for MEPCO for the FY 2015-16.

TARIFF COMPONENT	Assessed Cost FY 2015-16	ADJUSTMENTS/ ASSESSMENT	TIME LINES
POWER PURCHASE PRICE			
Energy Purchase Price			
Fuel Cost	78,376	Monthly, as per the approved mechanism.	Data to be provided by CPPA (G) by 3 <sup>rd</sup> of close of the month
Variable O&M	4,346	Biannually, as per the approved mechanism.	Request to be furnished by the MEPCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
Capacity Charges	35,512	Biannually, as per the approved mechanism.	Request to be furnished by the MEPCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
Use of System Charges	4,517	Biannually, as per the approved mechanism.	Request to be furnished by the MEPCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
T&D Losses	15.00%	Biannually, as per the approved mechanism.	Request to be furnished by the MEPCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
NET DISTRIBUTION MARGIN	14,498		
O&M Cost			
Salaries, wages & other benefits	6,374	Annually	On the basis of next year tariff petition.
Post-Retirement benefits	2,134	----do----	----do----
Repair and Maintenance	1,002	----do----	----do----

Other operating expanses	1,746	----do----	----do----
Depreciation	3,414	----do----	----do----
Return on Rate Base	2,518	----do----	----do----
Other Income	(2,691)	----do----	----do----
Prior Year Adjustment	(16,376)	----do----	----do----
Provisional Write Offs	1,366		

## Order

- I. Based on the above assessment, the Authority hereby determines the following adjustments on account of PPP (*including impact of T&D losses on FCA*) and Prior Year Adjustments for the FY 2016-17;

		FY 2016-17
Description		MEPCO
		Mln. Rs.
A: Power Purchase Price (PPP) Adjustment:		
	PPP cost billed by CPPA-G	143,429
Less;	PPP cost disallowed by the Authority	(2,775)
	Net PPP cost to be charged to consumers	140,654
Less;	PPP Recovered through notified Tariff	128,610
	Under recovered PPP Cost, to be recovered from the consumers	12,044
B: Prior Year Adjustment (PYA)		
	PYA to be recovered / (passed on) as per re-determination Sep. 18, 2017	(16,376)
Less;	PYA recovered / (Passed on) during FY 2016-17	(22,669)
	Over Paid PYA to be recovered from the consumers	6,293
C: Impact of Negative Monthly FCA's		
	Negative FCA Retained ( <i>Life Line, Agri and Domestic Consumers upto 300 units</i> )	(19,846)
Less;	Net Subsidy, if any	22,903
	FCA amount to be passed on to the consumers	-
Total Adjustment = A+B+C		18,336

- II. The impact of negative PYA amount of Rs.16,376 million already built in the MEPCO's re-determination dated September 18, 2017, shall be replaced with the aforementioned amount of Rs.18,336 million, thus resulting in an overall adjustment of Rs.34,713 million in the consumer-end tariff of MEPCO.
- III. After incorporating the above amount in the Authority's re-determination dated September 18, 2017, in the matter of the GoP's reconsideration request for MEPCO, the Estimated Sales Revenue and Schedule of Tariff (SoT) have been revised and are attached as Annex-II and Annex-III respectively to this decision, which will supersede the earlier estimated sales revenue and SoT attached with the Authority's redetermination dated September 18, 2017, in the matter of GoP's Reconsideration request for MEPCO. Remaining annexures would remain the same.

- IV. Tariff under Colum A and F of Annex-III shall remain applicable for one year from the date of notification. Colum C, D, E and F of Annex-III shall cease to exist after one year and only Colum A and B of Annex-III shall remain applicable, till the same is superseded by next notification.
- V. The Authority in its redetermination dated September 18, 2017, in the matter of the GoP's reconsideration request prescribed the mechanism for calculation of the quarterly/ biannual adjustments which is attached as Annex-IA with the instant decision.



**FUEL PRICE ADJUSTMENT MECHANISM**

Actual variation in fuel cost component against the reference fuel cost component for the corresponding months will be determined according to the following formula

$$\text{Fuel Price variation} = \text{Actual Fuel Cost Component} - \text{Reference Fuel Cost Component}$$

Where;

Fuel Price variation is the difference between actual and reference fuel cost component

Actual fuel cost component is the fuel cost component in the pool price on which the DISCOs will be charged by CPPA (G) in a particular month; and

Reference fuel cost component is the fuel cost component for the corresponding month projected for the purpose of tariff determination as per Annex-IV of the determination;

The fuel price adjustment determined by the Authority shall be shown separately in the bill of the consumer and the billing impact shall be worked out on the basis of consumption by the consumer in the respective month.

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### QUARTERLY/BIANNUAL ADJUSTMENT MECHANISM

Quarterly/ Biannual adjustment shall be the Actual variation in Power Purchase Price (PPP), excluding Fuel Cost Component, against the reference Power Purchase Price component and the impact of T&D losses on FCA, for the corresponding months and shall be determined according to the following formula;

$$\text{Quarterly/Biannual PPP}_{(Adj)} = \frac{\text{PPP}_{(Act)} (\text{excluding FCC}) - \text{PPP}_{(Ref)} (\text{excluding FCC})}{(1 - \text{T\&D Loss \%}) - (\text{Life line Consumption \%})}$$

Where;

PPP<sub>(Act)</sub> is the actual cost in Rs./kWh, excluding FCC, invoiced by CPPA-G to XWDISCOs, adjusted for any cost disallowed by the Authority.

PPP<sub>(Ref)</sub> is the reference cost in Rs./kWh as per the Annex-IV of the XWDISCOs determination that remained notified during the period.

T&D Loss % is percentage of T&D losses that remained notified during the period.

Quarterly/Biannual impact of T&D losses on FCA<sub>(Adj)</sub>

$$= \left[ \frac{\text{FCA}_{(Allowed)}}{(1 - \text{T\&D Loss \%}) - (\text{Life line Consumption \%})} \right] - \text{FCA}_{(Allowed)}$$

Where;

FCA<sub>(allowed)</sub> is the FCA allowed by the Authority for the respective months of the concerned period.

T&D Loss % is percentage of T&D losses that remained notified during the period.

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**Multan Electric Power Company Limited (MEPCO)**  
**Estimated Sales Revenue on the Basis of New Tariff**

Description	Sales		Revenue			Base Tariff		PYA 2016		Write off		PYA 2017		Total Tariff	
	GWh	% Mix	Fixed Charge	Variable Charge	Total	Fixed Charge	Variable Charge	Amount	Variable Charge	Amount	Variable Charge	Amount	Variable Charge	Fixed Charge	Variable Charge
			Min. Rs.	Rs./kWh	Rs./kWh	Min. Rs.	Rs./kWh	Min. Rs.	Rs./kWh	Min. Rs.	Rs./kWh	Min. Rs.	Rs./kWh	Rs./kWh	Rs./kWh
<b>Residential</b>															
Up to 50 Units	725	6.00%	-	2,902	2,902	-	4.00	-	-	-	-	-	-	-	-
peak load requirement less than 5 kW															
51-100 Units	2442	20.20%	-	21,826	21,826	-	8.94	(3,516)	(1.44)	293	0.12	7,448	3.05	-	16
01-200 Units	1083	8.96%	-	11,306	11,306	-	10.44	(1,559)	(1.44)	130	0.12	3,303	3.05	-	16
01-300 Units	1064	8.80%	-	12,593	12,593	-	11.84	(1,532)	(1.44)	128	0.12	3,265	3.07	-	16
01-700 Units	573	4.74%	-	8,273	8,273	-	14.45	(830)	(1.45)	69	0.12	1,769	3.09	-	16
Above 700 Units	130	1.07%	-	2,070	2,070	-	15.98	(192)	(1.48)	16	0.12	403	3.11	-	16
peak load requirement exceeding 5 kW)															
Time of Use (TOU) - Peak	42	0.35%	-	811	611	-	14.64	(60)	(1.44)	5	0.12	127	3.05	-	16
Time of Use (TOU) - Off-Peak	65	0.53%	-	578	578	-	8.94	(93)	(1.44)	8	0.12	197	3.05	-	16
Temporary Supply	7	0.06%	-	107	107	-	15.44	(10)	(1.44)	1	0.12	21	3.05	-	17
<b>Total Residential</b>	<b>8,129</b>	<b>50.70%</b>	<b>-</b>	<b>60,265</b>	<b>60,265</b>			<b>(7,792)</b>		<b>648</b>		<b>16,534</b>			
<b>Commercial - A2</b>															
peak load requirement less than 5 kW	389	3.22%	-	5,461	5,461	-	14.04	(560)	(1.44)	47	0.12	1,186	3.05	-	15
peak load requirement exceeding 5 kW															
Regular	0	0.00%	1	4	4	400	12.04	(0)	(1.44)	0	0.12	1	3.05	400	13
Time of Use (TOU) - Peak	156	1.29%	-	2,279	2,279	-	14.64	(224)	(1.44)	19	0.12	475	3.05	-	16
Time of Use (TOU) - Off-Peak	137	1.13%	615	1,223	1,838	400	8.94	(197)	(1.44)	16	0.12	417	3.05	400	10
Temporary Supply	33	0.28%	-	470	470	-	14.04	(48)	(1.44)	4	0.12	102	3.05	-	15
<b>Total Commercial</b>	<b>715</b>	<b>5.92%</b>	<b>615</b>	<b>9,437</b>	<b>10,052</b>			<b>(1,030)</b>		<b>86</b>		<b>2,181</b>			
<b>General Services-A3</b>	<b>363</b>	<b>3.00%</b>	<b>-</b>	<b>4,983</b>	<b>4,983</b>		<b>13.74</b>	<b>(522)</b>	<b>(1.44)</b>	<b>44</b>	<b>0.12</b>	<b>1,106</b>	<b>3.05</b>		<b>15</b>
<b>Industrial</b>															
B1	38	0.32%	-	440	440	-	11.54	(55)	(1.44)	5	0.12	116	3.05	-	13
B1 Peak	142	1.18%	-	2,081	2,081	-	14.64	(205)	(1.44)	17	0.12	434	3.05	-	16
B1 Off Peak	133	1.10%	-	1,188	1,188	-	8.94	(191)	(1.44)	16	0.12	405	3.05	-	10
B2	1	0.00%	1	6	7	400	11.04	(1)	(1.44)	0	0.12	2	3.05	400	12
B2 - TOU (Peak)	430	3.56%	-	6,296	6,296	-	14.64	(619)	(1.44)	52	0.12	1,312	3.05	-	16
B2 - TOU (Off-peak)	446	3.69%	1,753	3,901	5,654	400	8.74	(643)	(1.44)	54	0.12	1,361	3.05	400	10
B3 - TOU (Peak)	646	5.34%	-	9,455	9,455	-	14.64	(930)	(1.44)	77	0.12	1,970	3.05	-	16
B3 - TOU (Off-peak)	569	4.71%	966	4,915	5,882	380	8.64	(819)	(1.44)	68	0.12	1,735	3.05	380	10
B4 - TOU (Peak)	120	0.99%	-	1,757	1,757	-	14.64	(173)	(1.44)	14	0.12	366	3.05	-	16
B4 - TOU (Off-peak)	269	2.22%	258	2,296	2,554	360	8.54	(387)	(1.44)	32	0.12	820	3.05	360	10
Temporary Supply	3	0.03%	-	39	39	-	11.54	(5)	(1.44)	0	0.12	10	3.05	-	13
<b>Total Industrial</b>	<b>2,797</b>	<b>23.14%</b>	<b>2,979</b>	<b>32,375</b>	<b>35,354</b>			<b>(4,028)</b>		<b>336</b>		<b>8,531</b>			
<b>Single Point Supply for further distribution</b>															
C1(a) Supply at 400 Volts-less than 5 kW	0	0.00%	-	1	1	-	12.04	(0)	(1.44)	0	0.12	0	3.05	-	13
C1(b) Supply at 400 Volts-exceeding 5 kW	1	0.01%	2	16	18	400	11.54	(2)	(1.44)	0	0.12	4	3.05	400	13
Time of Use (TOU) - Peak	21	0.17%	-	307	307	-	14.64	(30)	(1.44)	3	0.12	64	3.05	-	16
Time of Use (TOU) - Off-Peak	12	0.10%	45	106	151	400	8.94	(17)	(1.44)	1	0.12	36	3.05	400	10
C2 Supply at 11 kV	1	0.01%	1	12	14	380	11.34	(2)	(1.44)	0	0.12	3	3.05	380	13
Time of Use (TOU) - Peak	81	0.67%	-	1,181	1,181	-	14.64	(116)	(1.44)	10	0.12	246	3.05	-	16
Time of Use (TOU) - Off-Peak	66	0.55%	113	580	693	380	8.74	(96)	(1.44)	8	0.12	202	3.05	380	10
C3 Supply above 11 kV	0	0.00%	-	-	-	360	11.24	-	(1.44)	-	0.12	-	3.05	360	12
Time of Use (TOU) - Peak	6	0.05%	-	87	87	-	14.64	(9)	(1.44)	1	0.12	18	3.05	-	16
Time of Use (TOU) - Off-Peak	31	0.26%	30	268	298	360	8.84	(45)	(1.44)	4	0.12	95	3.05	360	10
<b>Total Single Point Supply</b>	<b>220</b>	<b>1.82%</b>	<b>191</b>	<b>2,560</b>	<b>2,751</b>			<b>(316)</b>		<b>28</b>		<b>670</b>			
<b>Cultural Tube-wells - Tariff D</b>															
Scarp	2	0.01%	-	21	21	-	12.09	(2)	(1.44)	0	0.12	5	3.05	-	13
Time of Use (TOU) - Peak	27	0.22%	-	395	395	-	14.64	(39)	(1.44)	3	0.12	82	3.05	-	16
Time of Use (TOU) - Off-Peak	90	0.75%	104	781	885	200	8.64	(130)	(1.44)	11	0.12	278	3.05	200	10
Agricultural Tube-wells	0	0.00%	2	6	8	200	13.29	(1)	(1.44)	0	0.12	1	3.05	200	15
Time of Use (TOU) - Peak	831	6.87%	-	12,164	12,164	-	14.64	(1,196)	(1.44)	100	0.12	2,534	3.05	-	16
Time of Use (TOU) - Off-Peak	891	7.37%	2,370	7,702	10,072	200	8.64	(1,284)	(1.44)	107	0.12	2,719	3.05	200	10
<b>Total Agricultural</b>	<b>1,842</b>	<b>15.23%</b>	<b>2,478</b>	<b>21,068</b>	<b>23,546</b>			<b>(2,652)</b>		<b>221</b>		<b>5,617</b>			
<b>Lighting - Tariff G</b>	<b>16</b>	<b>0.13%</b>	<b>-</b>	<b>193</b>	<b>193</b>		<b>12.04</b>	<b>(23)</b>	<b>(1.44)</b>	<b>2</b>	<b>0.12</b>	<b>49</b>	<b>3.05</b>		<b>13.7</b>
Residential Colonies	8	0.07%	-	98	98	-	12.04	(12)	(1.44)	1	0.12	25	3.05	-	13.7
Day Traction	0	0.00%	-	-	-	-	12.04	-	(1.44)	-	0.12	-	3.05	-	13.7
<b>Sub-Total</b>	<b>24</b>	<b>0.20%</b>	<b>-</b>	<b>291</b>	<b>291</b>			<b>(35)</b>		<b>3</b>		<b>74</b>			
<b>Special Contract - Tariff-J</b>															
J-1 For Supply at 66 kV & above	-	0.00%	-	-	-	360	11.24	-	(1.44)	-	0.12	-	3.05	360	12.9
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	14.64	-	(1.44)	-	0.12	-	3.05	-	18.3
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	360	8.64	-	(1.44)	-	0.12	-	3.05	360	10.3
J-2 (a) For Supply at 11, 33 kV	-	0.00%	-	-	-	380	11.34	-	(1.44)	-	0.12	-	3.05	380	13.0
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	14.64	-	(1.44)	-	0.12	-	3.05	-	18.3
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	380	8.74	-	(1.44)	-	0.12	-	3.05	380	10.4
J-2 (b) For Supply at 66 kV & above	-	0.00%	-	-	-	360	11.24	-	(1.44)	-	0.12	-	3.05	360	12.9
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	14.64	-	(1.44)	-	0.12	-	3.05	-	18.3
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	360	8.64	-	(1.44)	-	0.12	-	3.05	360	10.3
J-3 (a) For Supply at 11, 33 kV	-	0.00%	-	-	-	360	11.34	-	(1.44)	-	0.12	-	3.05	360	13.0
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	14.64	-	(1.44)	-	0.12	-	3.05	-	18.3
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	380	8.74	-	(1.44)	-	0.12	-	3.05	380	10.4
J-3 (b) For Supply at 66 kV & above	-	0.00%	-	-	-	360	11.24	-	(1.44)	-	0.12	-	3.05	360	12.9
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	14.64	-	(1.44)	-	0.12	-	3.05	-	18.3
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	360	8.64	-	(1.44)	-	0.12	-	3.05	360	10.3
<b>Total Revenue</b>	<b>12,090</b>	<b>100.00%</b>	<b>6,263</b>	<b>130,988</b>	<b>137,248</b>			<b>(18,378)</b>		<b>1,366</b>		<b>34,713</b>			

As mentioned under Column "Total Tariff" shall remain applicable for a period of one year from the date of notification. After one year PYA 2016, Write-off and PYA 2017 shall cease to exist and only tariff mentioned under Column "Base Tariff" shall remain applicable till the same is superseded by next notification.

## MEPCO Power Purchase Price

Name	July	August	September	October	November	December	January	February	March	April	May	June	Total
Units Purchased by DISCOs (GWh)	1,392	1,477	1,353	1,320	1,120	969	863	933	923	1,065	1,395	1,413	14,223
	kWh												
Fuel Cost Component	4.9811	4.7552	5.1217	5.2366	5.0497	5.8619	7.1241	5.7493	6.6429	6.7227	5.2908	4.9927	5.510
Variable O & M	0.2727	0.2678	0.2825	0.2891	0.2916	0.3337	0.3711	0.3234	0.3467	0.3577	0.3050	0.2891	0.306
CpGenCap	1.9816	1.8917	2.0426	2.3477	2.4621	3.0046	3.7181	2.9246	3.2049	2.5718	2.5343	2.3045	2.4967
USCF	0.2503	0.2556	0.2803	0.3130	0.3428	0.3720	0.4268	0.3783	0.3666	0.3320	0.2894	0.3090	0.3175
Total PPP in Rs. /kWh	7.4857	7.1702	7.7271	8.1863	8.1462	9.5721	11.6400	9.3756	10.5611	9.9842	8.4196	7.8953	8.6302

	Rs in Million												
Fuel Cost Component	6,935	7,022	6,930	6,913	5,658	5,681	6,151	5,362	6,133	7,158	7,380	7,054	78,376
Variable O & M	380	395	382	382	327	323	320	302	320	381	425	408	4,346
CpGenCap	2,759	2,793	2,764	3,099	2,758	2,912	3,210	2,728	2,959	2,738	3,535	3,256	35,512
USCF	348	377	379	413	384	360	368	353	338	354	404	437	4,517
PPP	10,421	10,588	10,456	10,806	9,127	9,276	10,050	8,744	9,750	10,631	11,745	11,155	122,750

*It is clarified that PPP is pass through for all the DISCOs and its monthly references would continue to exist irrespective of the financial year, unless the new SOT is revised and notified by the GOP*

**TERMS AND CONDITIONS OF TARIFF  
(FOR SUPPLY OF ELECTRIC POWER TO CONSUMERS BY DISTRIBUTION  
LICENSEES)**

**PART-I**

**GENERAL DEFINITIONS**

The Company, for the purposes of these terms and conditions means Multan Electric Power Company Limited (MEPCO) engaged in the business of distribution of electricity within the territory mentioned in the licence granted to it for this purpose.

1. "Month or Billing Period", unless otherwise defined for any particular tariff category, means a billing month of 30 days or less reckoned from the date of last meter reading.
2. "Minimum Charge", means a charge to recover the costs for providing customer service to consumers even if no energy is consumed during the month.
3. "Fixed Charge" means the part of sale rate in a two-part tariff to be recovered on the basis of "Billing Demand" in kilowatt on monthly basis.
4. "Billing Demand" means the highest of maximum demand recorded in a month except in the case of agriculture tariff D2 where "Billing Demand" shall mean the sanctioned load.
5. "Variable Charge" means the sale rate per kilowatt-hour (kWh) as a single rate or part of a two-part tariff applicable to the actual kWh consumed by the consumer during a billing period.
6. "Maximum Demand" where applicable, means the maximum of the demand obtained in any month measured over successive periods each of 30 minutes' duration except in the case of consumption related to Arc Furnaces, where "Maximum Demand" shall mean the maximum of the demand obtained in any month measured over successive periods each of 15 minutes' duration.
7. "Sanctioned Load" where applicable means the load in kilowatt as applied for by the consumer and allowed/authorized by the Company for usage by the consumer.
8. "Power Factor" means the ratio of kWh to KVAh recorded during the month or the ratio of kWh to the square root of sum of square of kWh and kVARh.
9. Point of supply means metering point where electricity is delivered to the consumer.
10. Peak and Off Peak hours for the application of Time Of Use (TOU) Tariff shall be the following time periods in a day:

	<u>* PEAK TIMING</u>	<u>OFF-PEAK TIMING</u>
Dec to Feb (inclusive) day	5 PM to 9 PM	Remaining 20 hours of the
Mar to May (inclusive)	6 PM to 10 PM	-do-
June to Aug (inclusive)	7 PM to 11 PM	-do-
Sept to Nov (inclusive)	6 PM to 10 PM	-do-

\* To be duly adjusted in case of day light time saving

11. "Supply", means the supply for single-phase/three-phase appliances inclusive of both general and motive loads subject to the conditions that in case of connected or sanctioned load exceeding 4 kW supply shall be given at three-phase.

12. "Consumer" means a person of his successor-in-interest as defined under Section 2(iv) of the Regulation of Generation, Transmission and Distribution of Electric Power Act (XL of 1997).
13. "Charitable Institution" means an institution, which works for the general welfare of the public on no profit basis and is registered with the Federal or Provincial Government as such and has been issued tax exemption certificate by Federal Board of Revenue (FBR).
14. NTDC means the National Transmission and Dispatch Company.
15. CPPA(G) means Central Power Purchasing Agency Guarantee Limited (CPPA)(G).
16. The "Authority" means "The National Electric Power Regulatory Authority (NEPRA)" constituted under the Regulation of Generation, Transmission and Distribution of Electric Power Act (XL of 1997).

#### **GENERAL CONDITIONS**

1. "The Company shall render bills to the consumers on a monthly basis or less on the specific request of a consumer for payment by the due date.
2. The Company shall ensure that bills are delivered to consumers at least seven days before the due date. If any bill is not paid by the consumer in full within the due date, a Late Payment Charge of 10% (ten percent) shall be levied on the amount billed excluding Govt. tax and duties etc. In case bill is not served at least seven days before the due date then late payment surcharge will be levied after 7<sup>th</sup> day from the date of delivery of bill.
3. The supply provided to the consumers shall not be available for resale.
4. In the case of two-part tariff average Power Factor of a consumer at the point of supply shall not be less than 90%. In the event of the said Power factor falling below 90%, the consumer shall pay a penalty of two percent increase in the fixed charges determined with reference to maximum demand during the month corresponding to one percent decrease in the power factor below 90%.

## PART-II

(Definitions and Conditions for supply of power specific to each consumer category)

### A-1 RESIDENTIAL

#### Definition

"Life Line Consumer" means those residential consumers having single phase electric connection with a sanctioned load up to 1 kW.

At any point of time, if the floating average of last six months' consumption exceed 50 units, then the said consumer would not be classified as life line for the billing month even if its consumption is less than 50 units. For the purpose of calculating floating average, the consumption charged as detection billing would also be included.

1. This Tariff is applicable for supply to;
  - i) Residences,
  - ii) Places of worship,
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. A-1(a) tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and shall be billed on the basis of tariff A-1(b) as set out in the Schedule of Tariff.
4. All existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and converted to A- 1(b) Tariff by the Company.

### A-2 COMMERCIAL

1. This tariff is applicable for supply to commercial offices and commercial establishments such as:
  - i) Shops,
  - ii) Hotels and Restaurants,
  - iii) Petrol Pumps and Service Stations,
  - iv) Compressed Natural Gas filling stations,
  - v) Private Hospitals/Clinics/Dispensaries,
  - vi) Places of Entertainment, Cinemas, Theaters, Clubs;
  - vii) Guest Houses/Rest Houses,
  - viii) Office of Lawyers, Solicitors, Law Associates and Consultants etc.
2. Consumers under tariff A-2 having sanctioned load of less than 5 kW shall be billed under a Single-Part kWh rate A-2(a)
3. All existing consumers under tariff A-2 having sanctioned load 5 kW and above shall be billed on A-2(b) tariff till such time that they are provided T.O.U metering arrangement; thereafter such consumers shall be billed on T.O.U tariff A-2(c).
4. The existing and prospective consumers having load of 5 kW and above can opt for T.O.U metering arrangement and A-2(c) tariff.
5. All existing consumers under tariff A-2 shall be provided T.O.U metering arrangement by the Company and convert it to-A-2 (c) Tariff.
6. All new connections having load requirement 5 kW and above shall be provided T.O.U meters and shall be billed under tariff A-2(c).

### **A-3 GENERAL SERVICES**

1. This tariff is applicable to;
  - i. Approved religious and charitable institutions
  - ii. Government and Semi-Government offices and Institutions
  - iii. Government Hospitals and dispensaries
  - iv. Educational institutions
  - v. Water Supply schemes including water pumps and tube wells operating on three phase 400 volts other than those meant for the irrigation or reclamation of Agriculture land.
1. Consumers under General Services (A-3) shall be billed on single-part kWh rate i.e. A-3(a) tariff.

### **B INDUSTRIAL SUPPLY**

#### **Definitions**

1. "Industrial Supply" means the supply for bona fide industrial purposes in factories including the supply required for the offices and for normal working of the industry.
2. For the purposes of application of this tariff an "Industry" means a bona fide undertaking or establishment engaged in manufacturing, value addition and/or processing of goods.
3. This Tariff shall also be available for consumers having single-metering arrangement such as;
  - i) Poultry Farms
  - ii) Fish Hatcheries and Breeding Farms and
  - iii) Software houses

#### **Conditions**

An industrial consumer shall have the option, to switch over to seasonal Tariff-F, provided his connection is seasonal in nature as defined under Tariff-F, and he undertakes to abide by the terms and conditions of Tariff-F and pays the difference of security deposit rates previously deposited and those applicable to tariff-F at the time of acceptance of option for seasonal tariff. Seasonal tariff will be applicable from the date of commencement of the season, as specified by the customers at the time of submitting the option for Tariff-F. Tariff-F consumers will have the option to convert to corresponding Regular Industrial Tariff category and vice versa. This option can be exercised at the time of obtaining a new connection or at the beginning of the season. Once exercised, the option will remain in force for at least one year.

#### **B-1 SUPPLY AT 400 VOLTS THREEPHASE AND/OR 230 VOLTS SINGLE PHASE**

1. This tariff is applicable for supply to Industries having sanctioned load upto a 25 kW.
2. Consumers having sanctioned load less than 25 kW shall be billed on single-part kWh rate.
3. All existing consumers under tariff B-1 shall be provided T.O.U metering arrangement by the Company and convert it to-B1 (b) Tariff.

#### **B-2 SUPPLY AT 400 VOLTS**

1. This tariff is applicable for supply to Industries having sanctioned load of more than 25 kW up to and including 500 kW.



2. All existing consumers under tariff B-2 shall be provided T.O.U metering arrangement by the Company and converted to B-2(b) Tariff.
3. All new applicants i.e. prospective consumers applying for service to the Company shall be provided T.O.U metering arrangement and charged according to the applicable T.O.U tariff.

#### **B-3 SUPPLY AT 11 kV AND 33 kV**

1. This tariff is applicable for supply to Industries having sanctioned load of more than 500 kW up to and including 5000 kW and also for Industries having sanctioned load of 500 kW or below who opt for receiving supply at 11 kV or 33 kV.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. The supply under this Tariff shall not be available to a prospective consumer unless he provides, to the satisfaction and approval of the Company, his own Transformer, Circuit Breakers and other necessary equipment as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively pays to the Company for all apparatus and equipment if so provided and installed by the Company. The recovery of the cost of service connection shall be regulated by the NEPRA eligibility criteria.
4. All B-3 Industrial Consumers shall be billed on the basis of T.O.U tariff given in the Schedule of Tariff.

#### **B-4 SUPPLY AT 66 kV, 132 kV AND ABOVE**

1. This tariff is applicable for supply to Industries for all loads of more than 5000 kW receiving supply at 66 kV, 132 kV and above and also for Industries having load of 5000 kW or below who opt to receive supply at 66 kV or 132 kV and above.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. If the Grid Station required for provision of supply falls within the purview of the dedicated system under the NEPRA Eligibility Criteria, the supply under this Tariff shall not be available to such a prospective consumer unless he provides, to the satisfaction and approval of the Company, an independent grid station of his own including Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively, pays to the Company for all such Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus if so provided and installed by the Company. The recovery of cost of service connection shall be regulated by NEPRA Eligibility Criteria.
4. All B-4 Industrial Consumers shall be billed on the basis of two-part T.O.U tariff.

## **C BULK SUPPLY**

"Bulk Supply" for the purpose of this Tariff, means the supply given at one point for self-consumption not selling to any other consumer such as residential, commercial, tube-well and others.

### **General Conditions**

If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days no notice will be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days the fixed charges shall be assessed on proportionate basis for actual number of days between the date of old reading and the new reading.

### **C-1 SUPPLY AT 400/230 VOLTS**

1. This Tariff is applicable to a consumer having a metering arrangement at 400 volts, having sanctioned load of up to and including 500 kW.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. C-1(a) tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and shall be billed on the basis of Time-of-Use (T.O.U) tariff C-1(c) given in the Schedule of Tariff.
4. All the existing consumers governed by this tariff having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements.

### **C-2 SUPPLY AT 11 kV AND 33 kV**

1. This tariff is applicable to consumers receiving supply at 11 kV or 33 kV at one-point metering arrangement and having sanctioned load of up to and including 5000 kW.
2. The supply under this Tariff shall not be available to a prospective consumer unless he provides, to the satisfaction and approval of the Company, his own Transformer, Circuit Breakers and other necessary equipment as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively pays to the Company for all apparatus and equipment if so provided and installed by the Company. The recovery of the cost of service connection shall be regulated by the NEPRA eligibility criteria.
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff C-2(b) as set out in the Schedule of Tariff.
4. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to C-2(b).

### **C-3 SUPPLY AT 66 kV AND ABOVE**

1. This tariff is applicable to consumers having sanctioned load of more than 5000 kW receiving supply at 66 kV and above.
2. If the Grid Station required for provision of supply falls within the purview of the dedicated system under the NEPRA Eligibility Criteria, the supply under this Tariff shall not be available to such a prospective consumer unless he provides, to the satisfaction and approval of the Company, an independent grid station of his own including Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively, pays to the Company for all such Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus if so provided and installed by the Company. The recovery of cost of service connection shall be regulated by NEPRA Eligibility Criteria.
3. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to C-3(b).
4. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff C-3(b) as set out in the Schedule of Tariff.

## **D AGRICULTURAL SUPPLY**

"Agricultural Supply" means the supply for Lift Irrigation Pumps and/or pumps installed on Tube-wells intended solely for irrigation or reclamation of agricultural land or forests, and include supply for lighting of the tube-well chamber.

### **Special Conditions of Supply**

1. This tariff shall apply to:
  - i) Reclamation and Drainage Operation under Salinity Control and Reclamation Projects (SCARP):
  - ii) Bona fide forests, agricultural tube-wells and lift irrigation pumps for the irrigation of agricultural land.
  - iii) Tube-wells meant for aqua-culture, viz. fish farms, fish hatcheries and fish nurseries.
  - iv) Tube-wells installed in a dairy farm meant for cultivating crops as fodder and for upkeep of cattle.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. The lamps and fans consumption in the residential quarters, if any, attached to the tube-wells shall be charged entirely under Tariff A-1 for which separate metering arrangements should be installed.
4. The supply under this Tariff shall not be available to consumer using pumps for the irrigation of parks, meadows, gardens, orchards, attached to and forming part of the residential, commercial or industrial premises in which case the corresponding Tariff A-1, A-2 or Industrial Tariff B-1, B-2 shall be respectively applicable.

### **D-1**

1. This tariff is applicable to all Reclamation and Drainage Operation pumping under SCARP related installation having sanctioned load of less than 5 kW.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. D-1(a) tariff given in the Schedule of Tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided TOU metering arrangement and shall be charged on the basis of Time-of- Use (T.O.U) tariff D-1(b) given in the Schedule of Tariff.
4. All the existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements and shall be governed by D-1(a) till that time.

### **D-2**

1. This tariff is applicable to consumers falling under Agriculture Supply having sanctioned load less than 5 kW excluding SCARP related installations.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. D-2(a) tariff given in the Schedule of Tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided TOU metering arrangement and shall be charged on the basis of Time-of- Use (T.O.U) tariff D- 2(b) given in the Schedule of Tariff.
4. All the existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements and shall be governed by D-2(a) till that time.

## **E -1 TEMPORARY RESIDENTIAL/COMMERCIAL SUPPLY**

Temporary Residential/Commercial Supply means a supply given to persons temporarily on special occasions such as ceremonial, religious gatherings, festivals, fairs, marriages and other civil or military functions. This also includes supply to touring cinemas and persons engaged in construction works for all kinds of single phase loads. For connected load exceeding 4 kW, supply may be given at 400 volts (3 phase) to allow a balanced distribution of load on the 3 phases. Normally, temporary connections shall be allowed for a period of 3 months which can be extended on three months basis subject to clearance of outstanding dues.

### **Special Conditions of Supply**

1. This tariff shall apply to Residential and Commercial consumers for temporary supply.
2. Ordinarily the supply under this Tariff shall not be given by the Company without first obtaining security equal to the anticipated supply charges and other miscellaneous charges for the period of temporary supply.

## **E -2 TEMPORARY INDUSTRIAL SUPPLY**

"Temporary Industrial Supply" means the supply given to an Industry for the bonafide purposes mentioned under the respective definitions of "Industrial Supply", during the construction phase prior to the commercial operation of the Industrial concern.

### **SPECIAL CONDITIONS OF SUPPLY**

1. Ordinarily the supply under this Tariff shall not be given by the Company without first obtaining security equal to the anticipated supply charges and other miscellaneous charges for the period of temporary supply.
2. Normally, temporary connections shall be allowed for a period of 3 months, which may be extended on three months basis subject to clearance of outstanding dues.

## **F SEASONAL INDUSTRIAL SUPPLY**

"Seasonal Industry" for the purpose of application of this Tariff, means an industry which works only for part of the year to meet demand for goods or services arising during a particular season of the year. However, any seasonal industry running in combination with one or more seasonal industries, against one connection, in a manner that the former works in one season while the latter works in the other season (thus running throughout the year) will not be classified as a seasonal industry for the purpose of the application of this Tariff.

### **Definitions**

1. "Year" means any period comprising twelve consecutive months.
2. All "Definitions" and "Special Conditions of Supply" as laid down under the corresponding Industrial Tariffs shall also form part of this Tariff so far as they may be relevant.

### **Special Conditions of Supply**

1. This tariff is applicable to seasonal industry.
2. Fixed Charges per kilowatt per month under this tariff shall be levied at the rate of 125% of the corresponding regular Industrial Supply Tariff Rates and shall be recovered only for the period that the seasonal industry actually runs subject to minimum period of six consecutive months during any twelve consecutive months. The condition for recovery of Fixed Charges for a minimum period of six months shall not, however, apply to the

seasonal industries, which are connected to the Company's Supply System for the first time during the course of a season.

3. The consumers falling within the purview of this Tariff shall have the option to change over to the corresponding industrial Supply Tariff, provided they undertake to abide by all the conditions and restrictions, which may, from time to time, be prescribed as an integral part of those Tariffs. The consumers under this Tariff will have the option to convert to Regular Tariff and vice versa. This option can be exercised at the time of obtaining a new connection or at the beginning of the season. Once exercised, the option will remain in force for at least one year.
4. All seasonal loads shall be disconnected from the Company's Supply System at the end of the season, specified by the consumer at the time of getting connection, for which the supply is given. In case, however, a consumer requires running the non-seasonal part of his load (e.g., lights, fans, tube-wells, etc.) throughout the year, he shall have to bring out separate circuits for such load so as to enable installation of separate meters for each type of load and charging the same at the relevant Tariff.
5. Where a "Seasonal Supply" consumer does not come forward to have his seasonal industry re-connected with the Company's Supply System in any ensuing season, the service line and equipment belonging to the Company and installed at his premises shall be removed after expiry of 60 days of the date of commencement of season previously specified by the consumer at the time of his obtaining new connection/re-connection. However, at least ten clear days notice in writing under registered post shall be necessary to be given to the consumer before removal of service line and equipment from his premises as aforesaid, to enable him to decide about the retention of connection or otherwise. No Supply Charges shall be recovered from a disconnected seasonal consumer for any season during which he does not come forward to have his seasonal industry re-connected with the Company's Supply System.

#### **G PUBLIC LIGHTING SUPPLY**

"Public Lighting Supply" means the supply for the purpose of illuminating public lamps.

##### **Definitions**

"Month" means a calendar month or a part thereof in excess of 15 days.

##### **Special Conditions of Supply**

The supply under this Tariff shall be used exclusively for public lighting installed on roads or premises used by General Public.

#### **H RESIDENTIAL COLONIES ATTACHED TO INDUSTRIES**

This tariff is applicable for one-point supply to residential colonies attached to the industrial supply consumers having their own distribution facilities.

##### **Definitions**

"One Point Supply" for the purpose of this Tariff, means the supply given by one point to Industrial Supply Consumers for general and domestic consumption in the residential colonies attached to their factory premises for a load of 5 Kilowatts and above. The purpose is further distribution to various persons residing in the attached residential colonies and also for perimeter lighting in the attached residential colonies.

"General and Domestic Consumption", for the purpose of this Tariff, means consumption for lamps, fans, domestic applications, including heated, cookers, radiators, air-conditioners, refrigerators and domestic tube-wells.

"Residential Colony" attached to the Industrial Supply Consumer, means a group of houses annexed with the factory premises constructed solely for residential purpose of the bonafide employees of the factory, the establishment or the factory owners or partners, etc.

#### **Special Conditions of Supply**

The supply under this Tariff shall not be available to persons who meet a part of their requirements from a separate source of supply at their premises.

#### **I. TRACTION**

Supply under this tariff means supply of power in bulk to Railways for Railway traction only.

#### **J. SPECIAL CONTRACTS UNDER NEPRA (SUPPLY OF POWER) REGULATIONS 2015**

Supply for the purpose of this tariff means the supply given at one or more common delivery points;

- i. To a licensee procuring power from MEPCO for the purpose of further supply within its respective service territory and jurisdiction.
- ii. To an O&M operator under the O&M Agreement within the meaning of NEPRA (Supply of Power) Regulations 2015 duly approved by the Authority for the purpose of further supply within the service territory and jurisdiction of the MEPCO
- iii. To an Authorized agent within the meaning of NEPRA (Supply of Power) Regulations 2015, procuring power from the MEPCO for further supply within the service territory and jurisdiction of the MEPCO

#### **J-1 SUPPLY TO LICENSEE**

1. This tariff is applicable to a Licensee having sanctioned load of 20 MW and above receiving supply at 66 kV and above.
2. Existing consumers governed by this tariff shall be provided with T.O.U. metering arrangement and converted to J-1(b).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-1(b) as set out in the Schedule of Tariff.

## SUPPLY UNDER O&M AGREEMENT

### J-2 (a) SUPPLY AT 11 KV AND 33 KV

1. This tariff is applicable to an O&M operator receiving supply at 11 kV or 33 kV under the O&M Agreement duly approved by the Authority.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-2(c).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-2(c) as set out in the Schedule of Tariff.

### J-2 (b) SUPPLY AT 66 KV AND ABOVE

1. This tariff is applicable to an O&M operator receiving supply at 66 kV & above under the O&M Agreement duly approved by the Authority.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-2(d).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-2(d) as set out in the Schedule of Tariff.

## SUPPLY TO AUTHORIZED AGENT

### J-3 (a) SUPPLY AT 11 KV AND 33 KV

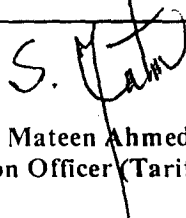
1. This tariff is applicable to an authorized agent receiving supply at 11 kV or 33 kV.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-3(c).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-3(c) as set out in the Schedule of Tariff.

### J-3 (b) SUPPLY AT 66 KV AND ABOVE

1. This tariff is applicable to an authorized agent receiving supply at 66 kV & above.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-3(d).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-3(d) as set out in the Schedule of Tariff.

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[Tariff 2015-16]

  
(Syed Mateen Ahmed)  
Section Officer (Tariff)

Government of Pakistan  
Ministry of Energy  
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Islamabad, the 22<sup>nd</sup> March, 2018.

**NOTIFICATION**

S.R.O. 381 (I)/2018. - In pursuance of sub-section (4) & (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), and in supersession of its notification No. S.R.O. 573(I)/2015, dated the June 10<sup>th</sup>, 2015, the Federal Government is pleased to notify the National Electric Power Regulatory Authority's in field determined Schedule Of Electricity Tariffs for the Sukkur Electric Power Company (SEPCO), subject to and alongwith amount of subsidy and surcharges, with immediate effect, as attached herewith. The Order dated September 18, 2017 and October 23, 2017 of the Authority at Annex-I and IA, Fuel Price Adjustment Mechanism and Quarterly/Biannual Adjustment Mechanism at Annex-II and IIA, SEPCO Estimated Sales Revenue in field at Annex-III, SEPCO Power Purchase Price at Annex-IV, the Terms and Conditions of Tariff (For Supply Of Electric Power To Consumers By Distribution Licensee) at Annex-V to this notification is notified, in respect of SEPCO.

2. Provided that in pursuance of sub-section (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), the Federal Government is pleased to notify that there shall be levied with immediate effect a surcharge namely, "Tariff Rationalization Surcharge" at the rate mentioned against categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by SEPCO, during each of the billing month, for maintaining uniform rates of electricity across the country for each of the consumer category. SEPCO shall deposited the amount of Tariff Rationalization Surcharge in a Fund called the "Tariff Rationalization Fund" to be kept in the Escrow Account maintained at Central Power Purchasing Agency (Guarantee) Limited and utilized exclusively for discharging of determined cost of power producers. The Tariff Rationalization Surcharge shall be considered as a cost incurred by SEPCO and included in the tariff determined by NEPRA.

3. Provided further that in pursuance of sub-section (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997



(XL of 1997), the Federal Government is pleased to notify that there shall be levied with immediate effect a surcharge namely, "Financing Cost Surcharge" at the rate and categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by SEPCO, during each of the billing month. SEPCO shall deposited the amount of Financing Cost Surcharge in a Fund called the "Financing Cost Fund" to be kept in the Escrow Account maintained at Central Power Purchasing Agency (Guarantee) Limited for the exclusive use of discharging the financing cost of various loans obtained to discharge liabilities of power producers against the sovereign guarantees of the Government of Pakistan. The Financing Cost Surcharge shall be considered as a cost incurred by SEPCO and included in the tariff determined by NEPRA.

4. Provided further that there shall be levied till the 30th June, 2018, Neelum-Jhelum Surcharge at the rate and categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by SEPCO, during each of the billing month and such surcharge shall be deposited in a Fund called the "Neelum-Jhelum Hydro Power Development Fund" to be kept in the Escrow Account of the Neelum-Jhelum Company for exclusive use for the Neelum-Jhelum Hydro Power Project.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./kWh/M	VARIABLE CHARGES Rs./kWh	PYA 2014 Rs./kWh	Write-off Charges Rs./kWh	PYA 2017 Rs./kWh	Total Variable Charges Rs./kWh	GoP Tariff Rationalization					
								Subsidy		Surcharge			
								FIXED CHARGES Rs./kWh/M	VARIABLE CHARGES Rs./kWh	VARIABLE CHARGES Rs./kWh	VARIABLE CHARGES Rs./kWh		
		A	B	C	D	E	F						
a)	For Sanctioned load less than 5 kW	-	4.00	-	-	-	4.00	-	-	-	3.00		
i)	Up to 50 Units	-	-	-	-	-	-	-	-	-	-		
	For Consumption exceeding 50 Units	-	-	-	-	-	-	-	-	-	-		
ii)	001 - 100 Units	-	11.16	0.54	0.57	1.89	14.26	-	-	-	8.47		
iii)	101 - 200 Units	-	12.46	0.54	0.57	1.89	15.56	-	-	-	7.48		
iv)	201 - 300 Units	-	18.16	0.54	0.57	1.89	19.26	-	-	-	8.06		
v)	301 - 700 Units	-	17.01	0.54	0.57	1.89	20.11	-	-	-	4.11		
vi)	Above 700 Units	-	19.38	0.54	0.57	1.89	22.46	-	-	-	4.46		
b)	For Sanctioned load 5 kW & above	-	-	-	-	-	-	-	-	-	-		
			Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	
Time Of Use			19.36	12.41	0.54	0.54	0.66	1.89	1.89	22.48	16.50	4.48	4.00

As per Authority's decision residential consumers will be given the benefits of only one prevalent slab.

Under tariff A-1, there shall be minimum monthly consumer charge at the following rates even if no energy is consumed.

a) Single Phase Connection:

Rs. 75/- per consumer per month

b) Three Phase Connection:

Rs. 180/- per consumer per month

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kWh/M	VARIABLE CHARGES Rs/kWh	PYA 2016 Rs/kWh	Write-off Charges Rs/kWh	PYA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalization				
								Subsidy		Surcharge		
								FIXED CHARGES Rs/kWh/M	VARIABLE CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh		
a)	For Sanctioned load less than 3 kW		19.26	0.54	0.64	1.89	22.30				4.35	
b)	For Sanctioned load 3 kW & above	400.00	17.36	0.54	0.66	1.89	20.35				4.38	
Time Of Use												
			Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak
			17.36	12.41	0.54	0.56	0.66	1.89	1.89	32.45	13.50	
											4.45	4.00

Under tariff A-2, there shall be minimum monthly charges at the following rates even if no energy is consumed.

a) Single Phase Connection:

Rs. 178/- per consumer per month

b) Three Phase Connection:

Rs. 300/- per consumer per month

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./kWh/M	VARIABLE CHARGES Rs./kWh	PYA 2016 Rs./kWh	Write-off Charges Rs./kWh	PYA 2017 Rs./kWh	Total Variable Charges Rs./kWh	GoP Tariff Rationalization			
								Subsidy		Surcharge	
								FIXED CHARGES Rs./kWh/M	VARIABLE CHARGES Rs./kWh	FIXED CHARGES Rs./kWh	VARIABLE CHARGES Rs./kWh
a)	General Service	-	14.54	0.54	0.64	1.92	17.68	-	-	-	2.95

Under tariff A-3, there shall be minimum monthly charges at the following rates even if no energy is consumed.

a) Single Phase Connection:

Rs. 174/- per consumer per month

b) Three Phase Connection:

Rs. 300/- per consumer per month

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	PYA 2016	Write-off Charges	PYA 2017	Total Variable Charges	GoP Tariff Rationalization						
								FIXED CHARGES	VARIABLE CHARGES	VARIABLE CHARGES	Subsidy			
											Subsidy	Subsidy	Subsidy	Subsidy
		Rs/kWh/M	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kWh/M	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kWh	
B1	Upto 25 kW (at 400/230 Volts)	-	18.16	0.54	0.64	1.89	19.88	-	-	-	-	-	3.23	
B2(a)	exceeding 25-500 kW (at 400 Volts)	400.00	16.26	0.54	0.64	1.89	19.38	-	-	-	-	-	3.23	
Time Of Use														
			Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	
B1 (b)	Up to 25 kW	-	19.36	12.41	0.54	0.56	0.66	1.89	1.89	22.48	16.50	4.48	4.00	
B2(b)	exceeding 25-500 kW (at 400 Volts)	400.00	19.36	12.41	0.54	0.56	0.66	1.89	1.89	22.48	16.50	4.48	4.01	
B3	For All loads up to 5000 kW (at 11.33 kV)	280.00	19.36	12.41	0.54	0.56	0.66	1.89	1.89	22.48	16.50	4.48	4.00	
B4	For All loads (at 66,132 kV & above)	360.00	19.36	12.41	0.54	0.56	0.66	1.89	1.89	22.48	16.50	4.48	4.00	

For B1 consumers there shall be a fixed minimum charge of Rs. 350 per month.

For B2 consumers there shall be a fixed minimum charge of Rs. 3,000 per month.

For B3 consumers there shall be a fixed minimum charge of Rs. 50,000 per month.

For B4 consumers there shall be a fixed minimum charge of Rs. 50,000 per month.

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	PYA 2016	Write-off Charges	PYA 2017	Total Variable Charges	GoP Tariff Rationalization					
								Subsidy		Surcharge			
								FIXED CHARGES	VARIABLE CHARGES	FIXED CHARGES	VARIABLE CHARGES		
		Rs./kWh/M	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh	Rs./kWh/M	Rs./kWh	Rs./kWh	Rs./kWh		
		A	B	C	D	E	F						
C-1	For supply at 400/230 Volts												
	a) Sanctioned load less than 5 kW		17.24	0.54	0.66	1.89	30.38			3.35			
	b) Sanctioned load 5 kW & up to 300 kW	400.00	16.76	0.54	0.66	1.89	19.83			3.25			
C-2(a)	For supply at 11.33 kV up to and including 3000 kW	360.00	16.56	0.54	0.66	1.89	19.68			3.25			
C-3(a)	For supply at 66 kV & above and sanctioned load above 3000 kW	360.00	16.46	0.54	0.66	1.89	19.55			3.25			
	Time Of Use												
			Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	
C-1(c)	For supply at 400/230 Volts 5 kW & up to 3000 kW	400.00	19.36	12.41	0.54	0.66	0.66	1.89	1.89	22.48	16.50	4.48	4.00
C-2(b)	For supply at 11.33 kV up to and including 3000 kW	380.00	19.36	13.21	0.54	0.54	0.66	1.99	1.89	22.48	16.30	4.48	4.00
C-3(b)	For supply at 66 kV & above and sanctioned load above 3000 kW	360.00	19.36	13.11	0.54	0.54	0.66	1.99	1.89	22.48	16.20	4.48	4.00

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

SCHEDULE OF ELECTRICITY TARIFFS												
TARIFFS FOR AGRICULTURE TUBE WELLS, PRIVATE AGRICULTURE CONSUMERS AND TOWN												
Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES		FYA 2016	Write-off Charges		FYA 2017	Total Variable Charges	GoP Tariff Rationalisation		
			Subsidy			FIXED CHARGES	VARIABLE CHARGES			SURCHARGE		
			Rs/kW/M	Rs/kWh							Rs/kWh	Rs/kWh
		A	B	C	D	E	F					
D-1(a)	SCARP less than 5 kW		15.86	0.54	0.66	1.89	19.95				6.75	
D-2 (a)	Agricultural Tube Wells	200.00	15.41	0.54	0.66	1.89	15.90				7.00	
			Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak
D-1(b)	SCARP 5 kW & above	200.00	19.36	13.11	0.54	0.54	0.66	1.89	1.89	22.45	16.20	
D-2 (b)	Agricultural 5 kW & above	200.00	19.36	13.11	0.54	0.54	0.66	1.89	1.89	22.45	16.20	
			Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak

In addition to above mentioned subsidy as variable charges, the fixed charges applicable to private agriculture consumers under tariff D-2 and D-1 (b) is also picked by GoP as Subsidy.

In addition to above mentioned subsidy on variable charges, the fixed charges applicable to private agriculture consumers under tariff D-2 and D-1 (b) is also picked by GoP as Subsidy.

Under this tariff, there shall be minimum monthly charges Rs.2000/- per consumer per month, even if no energy is consumed.  
Note: The consumers having sanctioned load less than 5 kW can opt for TOU metering.  
Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	FYA 2016	Write-off Charges	FYA 2017	Total Variable Charges	GoP Tariff Rationalisation		
								Subsidy		SURCHARGE
								FIXED CHARGES	VARIABLE CHARGES	
		Rs/kW/M	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kW/M	Rs/kWh	Rs/kWh
E-1(i)	Residential Supply	A	B	C	D	E	F			
			17.01	0.54	0.66	1.89	20.10			2.16
E-1(ii)	Commercial Supply	-	19.26	0.54	0.66	1.89	22.28			
E-2	Industrial Supply	-	16.76	0.54	0.66	1.89	19.85			

For the categories of E-1(ii) and E-2, the minimum bill of the consumers shall be Rs. 50/- per day subject to a minimum of Rs.500/- for the entire period of supply, even if no energy is consumed.

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

125% of relevant industrial tariff  
Note: Tariff-F consumers will have the option to convert to Regular Tariff and vice versa. This option can be exercised at the time of a new connection or at the beginning of the season. Once exercised, the option remains in force for at least one year.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FYA 2016 Rs/kWh	Write-off Charges Rs/kWh	FYA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation				
								Subsidy			Surcharge	VARIABLE CHARGES Rs/kWh
								FIXED CHARGES Rs/kW/M	Subsidy	Subsidy		
		A	B	C	D	E	F					
	Street Lighting		16.24	0.54	0.66	1.89	19.28			4.38		

Under Tariff G, there shall be a minimum monthly charge of Rs.500/- per month per kW of lamp capacity installed.  
Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FYA 2016 Rs/kWh	Write-off Charges Rs/kWh	FYA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation		
								FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	Surcharge VARIABLE CHARGES Rs/kWh
		A	B	C	D	E	F			
	Residential Colonies attached to Industrial Premises	-	16.36	0.34	0.66	1.89	19.35			4.23

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./kW/M	VARIABLE CHARGES		FYA 2016 Rs./kWh	Write-off Charges		FYA 2017 Rs./kWh	Total Variable Charges Rs./kWh	GoP Tariff Rationalisation			
			Rs./kWh	Rs./kWh		Rs./kWh	Rs./kWh			Rs./kWh	Subsidy		Surcharge VARIABLE CHARGES Rs./kWh
											FIXED CHARGES Rs./kW/M	Variable CHARGES Rs./kWh	
		A	B	C	D	E	F						
J-1	For supply at 66 kV & above and having sanctioned load of 20MW & above	380.00	16.46	0.54	0.66	1.89	1.89	19.55					
J-2	(a) For supply at 11.33 kV	380.00	14.59	0.54	0.66	1.89	1.89	19.63					
	(b) For supply at 66 kV & above	380.00	16.46	0.54	0.66	1.89	1.89	19.55					
J-3	(a) For supply at 11.33 kV	380.00	16.88	0.54	0.66	1.89	1.89	19.63					
	(b) For supply at 66 kV & above	380.00	16.46	0.54	0.66	1.89	1.89	19.55					
	Time Of Use		Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak		Peak	Off-Peak
J-1(b)	For supply at 66 kV & above and having sanctioned load of 20MW & above	380.00	19.34	13.11	0.54	0.66	0.66	1.89	1.89	22.45	16.20		
J-2(a)	For supply at 11.33 kV	380.00	19.34	13.11	0.54	0.66	0.66	1.89	1.89	22.45	16.20		
J-2(b)	For supply at 66 kV & above	380.00	19.34	13.11	0.54	0.66	0.66	1.89	1.89	22.45	16.20		
J-3(a)	For supply at 11.33 kV	380.00	19.34	13.21	0.54	0.66	0.66	1.89	1.89	22.45	16.30		
J-3(b)	For supply at 66 kV & above	380.00	19.34	13.11	0.54	0.66	0.66	1.89	1.89	22.45	16.20		

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a new notification.

Note:  
"Residential-Surcharge" at the rate of Rs. 0.10/kWh applicable on all electricity consumers except utility domestic consumers of the category "Residential A-1" for electricity sold.  
"Financing Cost Surcharge" at the rate of Rs. 0.43/kWh applicable to all the electricity consumers except utility domestic consumers of the category "Residential A-1" for electricity sold.

ORDER

From what has been discussed above, the Authority hereby re-determines the tariff of SEPCO for the Financial Year 2015-16 as under;

I. Sukkur Electric Supply Company Limited (SEPCO) is allowed to charge its consumers such tariff as set out in the schedule of tariff for SEPCO annexed to the determination.

II. The actual variation in fuel cost component of power purchase price against the reference fuel cost component shall be adjusted on monthly basis without taking into account the T&D losses. The monthly fuel price adjustment shall be based on the actual information submitted by CPPA (G), adjustment of remaining components of PPP will be adjusted biannually. Here it is pertinent to mention that while making biannual adjustments of the PPP, the Authority may rationalize the SoT accordingly.

III. SEPCO is allowed to charge the users of its system a "Use of system charge" (UOSC) equal to:

i) Where only 132 kV system is involved

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.02)} \times AFI(T) \quad \text{Paisa / kWh}$$

ii) Where only 11 kV distribution systems is involved.

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.11)} \times AFI(D) \quad \text{Paisa / kWh}$$

iii) Where both 132 kV and 11 kV distribution systems are involved:

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.13)} \times AFI(TD) \quad \text{Paisa / kWh Where:}$$

Gross Distribution Margin for FY 2015-16 is set at Rs.2.20/kWh (without excluding impact of other income)

'L' is the overall percentage loss assessment for the respective year.

AFI (T) = Adjustment factor for investment at 132 kV level i.e. 17%

AFI (D) = Adjustment factor for investment at 11 kV level i.e. 61%.

AFI (TD) = Adjustment factor for investment at both 132 kV & 11 kV level i.e. 78%.

IV. The residential consumers will be given the benefit of only one previous slab.

V. SEPCO is hereby allowed the T&D losses target of 29.75% for the FY 2015-16.

- VI. SEPCO is hereby allowed a total investment of Rs.1,671 million.
- VII. Tariff under Colum 'A' and 'D' of Annex-III shall remain applicable for one year from the date of notification. Colum 'C' of Annex-III shall cease to exist after one year and only Colum 'A' and 'B' of Annex-III would remain applicable till the same is superseded by next notification.
- VIII. The Order part, Annex-I, II, III, IV and V annexed with determination is intimated to the Federal Government for notification in the official gazette under Section 31(4) of the NEPRA Act.
- IX. The Authority hereby determines and approves the following component wise cost & its adjustments mechanism for SEPCO for the FY 2015-16.

TARIFF COMPONENT	Assessed Cost FY 2015-16	ADJUSTMENTS/ ASSESSMENT	TIME LINES
POWER PURCHASE PRICE			
Energy Purchase Price			
Fuel Cost	23,949	Monthly, as per the approved mechanism.	Data to be provided by CPPA (G) by 3 <sup>rd</sup> of close of the month
Variable O&M	1,328	Biannually, as per the approved mechanism.	Request to be furnished by the SEPCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
Capacity Charges	12,619	Biannually, as per the approved mechanism.	Request to be furnished by the SEPCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
Use of System Charges	1,610	Biannually, as per the approved mechanism.	Request to be furnished by the SEPCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
T&D Losses	29.75%	Biannually, as per the approved mechanism.	Request to be furnished by the SEPCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
NET DISTRIBUTION MARGIN	5,976		
O&M Cost			
Salaries, wages & other benefits	2,779	Annually	On the basis of next year tariff petition.
Post-Retirement benefits	672	----do----	----do----
Repair and Maintenance	935	----do----	----do----

Other operating expanses	524	----do----	----do----
Depreciation	967	----do----	----do----
Return on Rate Base	874	----do----	----do----
Other Income	(774)	----do----	----do----
Prior Year Adjustment	1,630	----do----	----do----
Provisional Write Offs	2,009		

## Order

- I. Based on the above assessment, the Authority hereby determines the following adjustments on account of PPP (*including impact of T&D losses on FCA*) and Prior Year Adjustments for the FY 2016-17;

		FY 2016-17
Description		SEPCO
		Mln.Rs.
<b>A: Power Purchase Price (PPP) Adjustment</b>		
	PPP cost billed by CPPA-G	38,859
Less;	PPP cost disallowed by the Authority	(753)
	Net PPP cost to be charged to consumers	38,106
Less;	PPP Recovered through notified Tariff	38,407
	Over recovered PPP Cost, to be passed on to the consumers	(301)
<b>B: Prior Year Adjustment (PYA)</b>		
	PYA to be recovered / (passed on) as per re-determination Sep. 18, 2017	1,630
Less;	PYA recovered / (Passed on) during FY 2016-17	(6,008)
	Under Recovered PYA, to be recovered from the consumers	7,638
<b>C: Impact of Negative Monthly FCA's</b>		
	Negative FCA Retained ( <i>Life Line, Agri and Domestic Consumers upto 300 units</i> )	(3,984)
Less;	Net Subsidy, if any	6,254
	FCA amount to be passed on to the consumers	-
<b>Total Adjustment = A+B+C</b>		<b>7,337</b>

- II. The impact of PYA amount of Rs.1,630 million already built in the SEPCO's re-determination dated September 18, 2017, shall be replaced with the aforementioned amount of Rs.7,337 million, thus resulting in an overall adjustment of Rs.5,707 million in the consumer-end tariff of SEPCO.
- III. After incorporating the above amount in the Authority's re-determination dated September 18, 2017, in the matter of the GoP's reconsideration request for SEPCO, the Estimated Sales Revenue and Schedule of Tariff (SoT) have been revised and are attached as Annex-II and Annex-III respectively to this decision, which will supersede the earlier estimated sales revenue and SoT attached with the Authority's redetermination dated September 18, 2017, in the matter of GoP's Reconsideration request for SEPCO. Remaining annexures would remain the same.

- IV. Tariff under Colum A and F of Annex-III shall remain applicable for one year from the date of notification. Colum C, D, E and F of Annex-III shall cease to exist after one year and only Colum A and B of Annex-III shall remain applicable, till the same is superseded by next notification.
- V. The Authority in its redetermination dated September 18, 2017, in the matter of the GoP's reconsideration request prescribed the mechanism for calculation of the quarterly/ biannual adjustments which is attached as Annex-IA with the instant decision.



**FUEL PRICE ADJUSTMENT MECHANISM**

Actual variation in fuel cost component against the reference fuel cost component for the corresponding months will be determined according to the following formula

$$\text{Fuel Price variation} = \text{Actual Fuel Cost Component} - \text{Reference Fuel Cost Component}$$

Where:

Fuel Price variation is the difference between actual and reference fuel cost component

Actual fuel cost component is the fuel cost component in the pool price on which the DISCOs will be charged by CPPA in a particular month; and

Reference fuel cost component is the fuel cost component for the corresponding month projected for the purpose of tariff determination as per Annex-IV of the determination;

The fuel price adjustment determined by the Authority shall be shown separately in the bill of the consumer and the billing impact shall be worked out on the basis of consumption by the consumer in the respective month.

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### QUARTERLY/BIANNUAL ADJUSTMENT MECHANISM

Quarterly/ Biannual adjustment shall be the Actual variation in Power Purchase Price (PPP), excluding Fuel Cost Component, against the reference Power Purchase Price component and the impact of T&D losses on FCA, for the corresponding months and shall be determined according to the following formula;

$$\text{Quarterly/Biannual PPP}_{(Adj)} = \frac{\text{PPP}_{(Act)} (\text{excluding FCC}) - \text{PPP}_{(Ref)} (\text{excluding FCC})}{(1 - \text{T\&D Loss \%}) - (\text{Life line Consumption \%})}$$

Where;

PPP<sub>(Act)</sub> is the actual cost in Rs./kWh, excluding FCC, invoiced by CPPA-G to XWDISCOs, adjusted for any cost disallowed by the Authority.

PPP<sub>(Ref)</sub> is the reference cost in Rs./kWh as per the Annex-IV of the XWDISCOs determination that remained notified during the period.

T&D Loss % is percentage of T&D losses that remained notified during the period.

Quarterly/Biannual impact of T&D losses on FCA<sub>(Adj)</sub>

$$= \left[ \frac{\text{FCA}_{(Allowed)}}{(1 - \text{T\&D Loss \%}) - (\text{Life line Consumption \%})} \right] - \text{FCA}_{(Allowed)}$$

Where;

FCA<sub>(allowed)</sub> is the FCA allowed by the Authority for the respective months of the concerned period.

T&D Loss % is percentage of T&D losses that remained notified during the period.

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**Sukkur Electric Power Supply Company Limited (SEPCO)**  
**Estimated Sales Revenue on the Basis of New Tariff**

Description	Sales		Revenue			Base Tariff		PYA 2016		Write off		PYA 2017		Total Tar	
	GWh	% Mix	Fixed Charge	Variable Charge	Total	Fixed Charge	Variable Charge	Amount	Variable Charge	Amount	Variable Charge	Amount	Variable Charge	Fixed Charge	Variable Charge
			Min. Rs.			Rs./kW/M	Rs./kWh	Min. Rs.	Rs./kWh	Min. Rs.	Rs./kWh	Min. Rs.	Rs./kWh	Rs./kW/M	Rs.
<b>Residential</b>															
Up to 50 Units	56	1.83%	-	224	224	-	4.00	-	-	-	-	-	-	-	-
or peak load requirement less than 5 kW															
01-100 Units	519	16.87%	-	5,788	5,788	-	11.16	280	0.54	348	0.87	981	1.89	-	-
101-200 Units	265	8.63%	-	3,306	3,306	-	12.46	143	0.54	178	0.67	502	1.89	-	-
201-300 Units	304	9.90%	-	4,612	4,612	-	15.16	164	0.54	204	0.67	575	1.89	-	-
301-700 Units	234	7.62%	-	3,987	3,987	-	17.01	127	0.54	157	0.67	443	1.89	-	-
Above 700 Units	254	8.27%	-	4,923	4,923	-	19.36	137	0.54	170	0.67	481	1.89	-	-
or peak load requirement exceeding 5 kW															
Time of Use (TOU) - Peak	7	0.24%	-	140	140	-	19.36	4	0.54	5	0.66	14	1.89	-	-
Time of Use (TOU) - Off-Peak	81	2.64%	-	1,087	1,087	-	13.41	44	0.54	54	0.66	153	1.89	-	-
Temporary Supply	0	0.00%	-	0	0	-	17.01	0	0.54	0	0.68	0	1.89	-	-
<b>Total Residential</b>	<b>1,722</b>	<b>56.00%</b>	<b>-</b>	<b>24,069</b>	<b>24,069</b>	<b>-</b>	<b>899</b>	<b>-</b>	<b>-</b>	<b>1,115</b>	<b>-</b>	<b>3,149</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Commercial - A2</b>															
or peak load requirement less than 5 kW	92	2.99%	-	1,771	1,771	-	19.26	50	0.54	61	0.66	174	1.89	-	-
or peak load requirement exceeding 5 kW															
Regular	18	0.60%	19	316	335	400	17.26	10	0.54	12	0.66	35	1.89	400	-
Time of Use (TOU) - Peak	21	0.67%	-	398	398	-	19.36	11	0.54	14	0.66	39	1.89	-	-
Time of Use (TOU) - Off-Peak	112	3.66%	189	1,508	1,697	400	13.41	61	0.54	74	0.66	213	1.89	400	-
Temporary Supply	0	0.00%	-	0	0	-	19.26	0	0.54	0	0.66	0	1.89	-	-
<b>Total Commercial</b>	<b>243</b>	<b>7.91%</b>	<b>208</b>	<b>3,993</b>	<b>4,201</b>	<b>-</b>	<b>131</b>	<b>-</b>	<b>-</b>	<b>161</b>	<b>-</b>	<b>460</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>General Services-A3</b>															
	92	3.00%	-	1,343	1,343	-	14.56	50	0.54	61	0.66	177	1.92	-	-
<b>Industrial</b>															
B1	73	2.38%	-	1,227	1,227	-	16.76	40	0.54	48	0.66	138	1.89	-	-
B1 Peak	14	0.46%	-	273	273	-	19.38	8	0.54	9	0.66	27	1.89	-	-
B1 Off-Peak	104	3.39%	-	1,397	1,397	-	13.41	56	0.54	69	0.66	197	1.89	-	-
B2	36	1.16%	72	579	650	400	16.26	19	0.54	23	0.66	67	1.89	400	-
B2 - TCU (Peak)	29	0.95%	-	563	563	-	19.36	16	0.54	19	0.66	55	1.89	-	-
B2 - TCU (Off-peak)	198	6.43%	435	2,612	3,047	400	13.21	107	0.54	130	0.66	374	1.89	400	-
B3 - TCU (Peak)	5	0.16%	-	95	95	-	19.36	3	0.54	3	0.66	9	1.89	-	-
B3 - TCU (Off-peak)	26	0.85%	30	344	375	380	13.11	14	0.54	17	0.66	50	1.89	380	-
B4 - TCU (Peak)	4	0.12%	-	71	71	-	19.36	2	0.54	2	0.66	7	1.89	-	-
B4 - TCU (Off-peak)	21	0.67%	22	267	289	360	13.01	11	0.54	14	0.66	39	1.89	360	-
Temporary Supply	0	0.01%	-	3	3	-	16.76	0	0.54	0	0.66	0	1.89	-	-
<b>Total Industrial</b>	<b>509</b>	<b>16.57%</b>	<b>558</b>	<b>7,431</b>	<b>7,989</b>	<b>-</b>	<b>275</b>	<b>-</b>	<b>-</b>	<b>336</b>	<b>-</b>	<b>963</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Single Point Supply for further distribution</b>															
C1(a) Supply at 400 Volts-less than 5 kW	6	0.18%	-	98	98	-	17.26	3	0.54	4	0.66	11	1.89	-	-
C1(b) Supply at 400 Volts-exceeding 5 kW	30	0.97%	25	499	524	400	16.76	16	0.54	20	0.66	56	1.89	400	-
Time of Use (TOU) - Peak	6	0.21%	-	124	124	-	19.38	3	0.54	4	0.66	12	1.89	-	-
Time of Use (TOU) - Off-Peak	36	1.17%	43	482	525	400	13.41	19	0.54	24	0.66	68	1.89	400	-
C2 Supply at 11 kV	12	0.37%	9	191	200	360	16.56	6	0.54	8	0.66	22	1.89	360	-
Time of Use (TOU) - Peak	15	0.50%	-	299	299	-	19.36	8	0.54	10	0.66	29	1.89	-	-
Time of Use (TOU) - Off-Peak	68	2.22%	72	901	973	380	13.21	37	0.54	45	0.66	129	1.89	380	-
C3 Supply above 11 kV	0	0.00%	-	-	-	360	16.46	-	0.54	-	0.66	-	1.89	360	-
Time of Use (TOU) - Peak	0	0.00%	-	-	-	-	19.36	-	0.54	-	0.66	-	1.89	-	-
Time of Use (TOU) - Off-Peak	0	0.00%	-	-	-	360	13.11	-	0.54	-	0.66	-	1.89	360	-
<b>Total Single Point Supply</b>	<b>173</b>	<b>5.63%</b>	<b>150</b>	<b>2,593</b>	<b>2,743</b>	<b>-</b>	<b>93</b>	<b>-</b>	<b>-</b>	<b>114</b>	<b>-</b>	<b>327</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Agricultural Tube-wells - Tariff D</b>															
Scarp	126	4.10%	-	2,000	2,000	-	15.86	68	0.54	83	0.66	238	1.89	-	-
Time of Use (TOU) - Peak	3	0.11%	-	67	67	-	19.36	2	0.54	2	0.66	7	1.89	-	-
Time of Use (TOU) - Off-Peak	41	1.34%	13	541	554	200	13.11	22	0.54	27	0.66	78	1.89	200	-
Agricultural Tube-wells	33	1.07%	18	507	525	200	15.41	18	0.54	22	0.66	62	1.89	200	-
Time of Use (TOU) - Peak	10	0.34%	-	201	201	-	19.36	8	0.54	7	0.66	20	1.89	-	-
Time of Use (TOU) - Off-Peak	70	2.26%	42	913	954	200	13.11	38	0.54	46	0.66	132	1.89	200	-
<b>Total Agricultural</b>	<b>264</b>	<b>9.23%</b>	<b>73</b>	<b>4,229</b>	<b>4,302</b>	<b>-</b>	<b>153</b>	<b>-</b>	<b>-</b>	<b>187</b>	<b>-</b>	<b>536</b>	<b>-</b>	<b>-</b>	<b>-</b>
Public Lighting	49	1.61%	-	802	802	-	16.28	27	0.54	33	0.66	93	1.89	-	-
Resid. Colon. att. to ind	2	0.06%	-	28	28	-	16.28	1	0.54	1	0.66	3	1.89	-	-
<b>Sub-Total</b>	<b>51</b>	<b>1.66%</b>	<b>-</b>	<b>831</b>	<b>831</b>	<b>-</b>	<b>28</b>	<b>-</b>	<b>-</b>	<b>34</b>	<b>-</b>	<b>97</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Special Contract - Tariff-J</b>															
J-1 For Supply at 66 kV & above	-	0.00%	-	-	-	360	18.46	-	0.54	-	0.66	-	1.89	360	-
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	19.36	-	0.54	-	0.66	-	1.89	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	360	13.11	-	0.54	-	0.66	-	1.89	360	-
J-2 (a) For Supply at 11, 33 kV	-	0.00%	-	-	-	380	16.56	-	0.54	-	0.66	-	1.89	380	-
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	19.36	-	0.54	-	0.66	-	1.89	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	380	13.21	-	0.54	-	0.66	-	1.89	380	-
J-2 (b) For Supply at 66 kV & above	-	0.00%	-	-	-	360	16.46	-	0.54	-	0.66	-	1.89	360	-
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	19.36	-	0.54	-	0.66	-	1.89	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	360	13.11	-	0.54	-	0.66	-	1.89	360	-
J-3 (a) For Supply at 11, 33 kV	-	0.00%	-	-	-	380	16.56	-	0.54	-	0.66	-	1.89	380	-
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	19.36	-	0.54	-	0.66	-	1.89	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	380	13.21	-	0.54	-	0.66	-	1.89	380	-
J-3 (b) For Supply at 66 kV & above	-	0.00%	-	-	-	360	16.46	-	0.54	-	0.66	-	1.89	360	-
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	19.36	-	0.54	-	0.66	-	1.89	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	360	13.11	-	0.54	-	0.66	-	1.89	360	-
<b>Total Revenue</b>	<b>3,074</b>	<b>100.00%</b>	<b>991</b>	<b>44,491</b>	<b>45,482</b>	<b>-</b>	<b>1,630</b>	<b>-</b>	<b>-</b>	<b>2,009</b>	<b>-</b>	<b>5,707</b>	<b>-</b>	<b>-</b>	<b>-</b>

Tariff mentioned under Column "Total Tariff" shall remain applicable for a period of one year from the date of notification. After one year PYA 2016, Write-off and PYA 2017 shall cease to exist and only Tariff mentioned under Column "Base Tariff" shall remain applicable till the same is superseded by next notification.

## SEPCO Power Purchase Price

Name	July	August	September	October	November	December	January	February	March	April	May	June	Total
Units Purchased by DISCOs (GWh)	512	490	445	422	335	280	251	240	254	316	394	437	4,376
kWh													
Fuel Cost Component	4.9811	4.7552	5.1217	5.2366	5.0497	5.8619	7.1241	5.7493	6.6429	6.7227	5.2908	4.9927	5.473
Variable O & M	0.2727	0.2678	0.2825	0.2891	0.2916	0.3337	0.3711	0.3234	0.3467	0.3577	0.3050	0.2891	0.303
CpGenCap	1.9100	1.9827	2.2545	3.1353	3.1934	4.1661	4.0547	3.9009	3.6460	3.3505	2.9860	2.2703	2.88
USCF	0.2413	0.2679	0.3094	0.4180	0.4446	0.5157	0.4654	0.5045	0.4171	0.4326	0.3410	0.3044	0.37
Total PPP in Rs. /kWh	7.4050	7.2735	7.9681	9.0789	8.9793	10.8774	12.0153	10.4783	11.0526	10.8634	8.9228	7.8564	9.0278

Rs in Million

Fuel Cost Component	2,553	2,331	2,277	2,209	1,691	1,642	1,788	1,380	1,685	2,127	2,086	2,180	23,949
Variable O & M	140	131	126	122	98	93	93	78	88	113	120	126	1,328
CpGenCap	979	972	1,002	1,323	1,069	1,167	1,017	937	925	1,060	1,177	991	12,619
USCF	124	131	138	176	149	144	117	121	106	137	134	133	1,610
PPP	3,795	3,565	3,543	3,831	3,007	3,046	3,015	2,516	2,804	3,437	3,517	3,431	39,506

*It is clarified that PPP is pass through for all the DISCOs and its monthly references would continue to exist irrespective of the financial year, unless the new SOT is revised and notified by the GOP*

**TERMS AND CONDITIONS OF TARIFF  
(FOR SUPPLY OF ELECTRIC POWER TO CONSUMERS BY DISTRIBUTION  
LICENSEES)**

**PART-I**

**GENERAL DEFINITIONS**

The Company, for the purposes of these terms and conditions means Sukkur Electric Power Supply Company Limited (SEPCO) engaged in the business of distribution of electricity within the territory mentioned in the licence granted to it for this purpose.

1. "Month or Billing Period", unless otherwise defined for any particular tariff category, means a billing month of 30 days or less reckoned from the date of last meter reading.
2. "Minimum Charge", means a charge to recover the costs for providing customer service to consumers even if no energy is consumed during the month.
3. "Fixed Charge" means the part of sale rate in a two-part tariff to be recovered on the basis of "Billing Demand" in kilowatt on monthly basis.
4. "Billing Demand" means the highest of maximum demand recorded in a month except in the case of agriculture tariff D2 where "Billing Demand" shall mean the sanctioned load.
5. "Variable Charge" means the sale rate per kilowatt-hour (kWh) as a single rate or part of a two-part tariff applicable to the actual kWh consumed by the consumer during a billing period.
6. "Maximum Demand" where applicable, means the maximum of the demand obtained in any month measured over successive periods each of 30 minutes' duration except in the case of consumption related to Arc Furnaces, where "Maximum Demand" shall mean the maximum of the demand obtained in any month measured over successive periods each of 15 minutes' duration.
7. "Sanctioned Load" where applicable means the load in kilowatt as applied for by the consumer and allowed/authorized by the Company for usage by the consumer.
8. "Power Factor" means the ratio of kWh to KVAh recorded during the month or the ratio of kWh to the square root of sum of square of kWh and kVARh.
9. Point of supply means metering point where electricity is delivered to the consumer.
10. Peak and Off Peak hours for the application of Time Of Use (TOU) Tariff shall be the following time periods in a day:

	<u>* PEAK TIMING</u>	<u>OFF-PEAK TIMING</u>
Dec to Feb (inclusive) day	5 PM to 9 PM	Remaining 20 hours of the
Mar to May (inclusive)	6 PM to 10 PM	-do-
June to Aug (inclusive)	7 PM to 11 PM	-do-
Sept to Nov (inclusive)	6 PM to 10 PM	-do-

\* To be duly adjusted in case of day light time saving

11. "Supply", means the supply for single-phase/three-phase appliances inclusive of both general and motive loads subject to the conditions that in case of connected or sanctioned load exceeding 4 kW supply shall be given at three-phase.

12. "Consumer" means a person or his successor-in-interest as defined under Section 2(iv) of the Regulation of Generation, Transmission and Distribution of Electric Power Act (XL of 1997).
13. "Charitable Institution" means an institution, which works for the general welfare of the public on no profit basis and is registered with the Federal or Provincial Government as such and has been issued tax exemption certificate by Federal Board of Revenue (FBR).
14. NTDC means the National Transmission and Dispatch Company.
15. CPPA(G) means Central Power Purchasing Agency Guarantee Limited (CPPA)(G).
16. The "Authority" means "The National Electric Power Regulatory Authority (NEPRA)" constituted under the Regulation of Generation, Transmission and Distribution of Electric Power Act (XL of 1997).

#### **GENERAL CONDITIONS**

1. "The Company shall render bills to the consumers on a monthly basis or less on the specific request of a consumer for payment by the due date.
2. The Company shall ensure that bills are delivered to consumers at least seven days before the due date. If any bill is not paid by the consumer in full within the due date, a Late Payment Charge of 10% (ten percent) shall be levied on the amount billed excluding Govt. tax and duties etc. In case bill is not served at least seven days before the due date then late payment surcharge will be levied after 7<sup>th</sup> day from the date of delivery of bill.
3. The supply provided to the consumers shall not be available for resale.
4. In the case of two-part tariff average Power Factor of a consumer at the point of supply shall not be less than 90%. In the event of the said Power factor falling below 90%, the consumer shall pay a penalty of two percent increase in the fixed charges determined with reference to maximum demand during the month corresponding to one percent decrease in the power factor below 90%.

## PART-II

(Definitions and Conditions for supply of power specific to each consumer category)

### A-1 RESIDENTIAL

#### Definition

"Life Line Consumer" means those residential consumers having single phase electric connection with a sanctioned load up to 1 kW.

At any point of time, if the floating average of last six months' consumption exceed 50 units, then the said consumer would not be classified as life line for the billing month even if its consumption is less than 50 units. For the purpose of calculating floating average, the consumption charged as detection billing would also be included.

1. This Tariff is applicable for supply to;
  - i) Residences,
  - ii) Places of worship,
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. A-1(a) tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and shall be billed on the basis of tariff A-1(b) as set out in the Schedule of Tariff.
4. All existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and converted to A- 1(b) Tariff by the Company.

### A-2 COMMERCIAL

1. This tariff is applicable for supply to commercial offices and commercial establishments such as:
  - i) Shops,
  - ii) Hotels and Restaurants,
  - iii) Petrol Pumps and Service Stations,
  - iv) Compressed Natural Gas filling stations.
  - v) Private Hospitals/Clinics/Dispensaries.
  - vi) Places of Entertainment, Cinemas, Theaters, Clubs;
  - vii) Guest Houses/Rest Houses,
  - viii) Office of Lawyers, Solicitors, Law Associates and Consultants etc.
2. Consumers under tariff A-2 having sanctioned load of less than 5 kW shall be billed under a Single-Part kWh rate A-2(a)
3. All existing consumers under tariff A-2 having sanctioned load 5 kW and above shall be billed on A-2(b) tariff till such time that they are provided T.O.U metering arrangement; thereafter such consumers shall be billed on T.O.U tariff A-2(c).
4. The existing and prospective consumers having load of 5 kW and above can opt for T.O.U metering arrangement and A-2(c) tariff.
5. All existing consumers under tariff A-2 shall be provided T.O.U metering arrangement by the Company and convert it to-A-2 (c) Tariff.
6. All new connections having load requirement 5 kW and above shall be provided T.O.U meters and shall be billed under tariff A-2(c).

### **A-3 GENERAL SERVICES**

1. This tariff is applicable to;
  - i. Approved religious and charitable institutions
  - ii. Government and Semi-Government offices and Institutions
  - iii. Government Hospitals and dispensaries
  - iv. Educational institutions
  - v. Water Supply schemes including water pumps and tube wells operating on three phase 400 volts other than those meant for the irrigation or reclamation of Agriculture land.
1. Consumers under General Services (A-3) shall be billed on single-part kWh rate i.e. A-3(a) tariff.

### **B INDUSTRIAL SUPPLY**

#### **Definitions**

1. "Industrial Supply" means the supply for bona fide industrial purposes in factories including the supply required for the offices and for normal working of the industry.
2. For the purposes of application of this tariff an "Industry" means a bona fide undertaking or establishment engaged in manufacturing, value addition and/or processing of goods.
3. This Tariff shall also be available for consumers having single-metering arrangement such as;
  - i) Poultry Farms
  - ii) Fish Hatcheries and Breeding Farms and
  - iii) Software houses

#### **Conditions**

An industrial consumer shall have the option, to switch over to seasonal Tariff-F, provided his connection is seasonal in nature as defined under Tariff-F, and he undertakes to abide by the terms and conditions of Tariff-F and pays the difference of security deposit rates previously deposited and those applicable to tariff-F at the time of acceptance of option for seasonal tariff. Seasonal tariff will be applicable from the date of commencement of the season, as specified by the customers at the time of submitting the option for Tariff-F. Tariff-F consumers will have the option to convert to corresponding Regular Industrial Tariff category and vice versa. This option can be exercised at the time of obtaining a new connection or at the beginning of the season. Once exercised, the option will remain in force for at least one year.

#### **B-1 SUPPLY AT 400 VOLTS THREEPHASE AND/OR 230 VOLTS SINGLE PHASE**

1. This tariff is applicable for supply to Industries having sanctioned load upto a 25 kW.
2. Consumers having sanctioned load less than 25 kW shall be billed on single-part kWh rate.
3. All existing consumers under tariff B-1 shall be provided T.O.U metering arrangement by the Company and convert it to-B1 (b) Tariff.

#### **B-2 SUPPLY AT 400 VOLTS**

1. This tariff is applicable for supply to Industries having sanctioned load of more than 25 kW up to and including 500 kW.



2. All existing consumers under tariff B-2 shall be provided T.O.U metering arrangement by the Company and converted to B-2(b) Tariff.
3. All new applicants i.e. prospective consumers applying for service to the Company shall be provided T.O.U metering arrangement and charged according to the applicable T.O.U tariff.

#### **B-3 SUPPLY AT 11 kV AND 33 kV**

1. This tariff is applicable for supply to Industries having sanctioned load of more than 500 kW up to and including 5000 kW and also for Industries having sanctioned load of 500 kW or below who opt for receiving supply at 11 kV or 33 kV.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. The supply under this Tariff shall not be available to a prospective consumer unless he provides, to the satisfaction and approval of the Company, his own Transformer, Circuit Breakers and other necessary equipment as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively pays to the Company for all apparatus and equipment if so provided and installed by the Company. The recovery of the cost of service connection shall be regulated by the NEPRA eligibility criteria.
4. All B-3 Industrial Consumers shall be billed on the basis of T.O.U tariff given in the Schedule of Tariff.

#### **B-4 SUPPLY AT 66 kV, 132 kV AND ABOVE**

1. This tariff is applicable for supply to Industries for all loads of more than 5000 kW receiving supply at 66 kV, 132 kV and above and also for Industries having load of 5000 kW or below who opt to receive supply at 66 kV or 132 kV and above.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. If the Grid Station required for provision of supply falls within the purview of the dedicated system under the NEPRA Eligibility Criteria, the supply under this Tariff shall not be available to such a prospective consumer unless he provides, to the satisfaction and approval of the Company, an independent grid station of his own including Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively, pays to the Company for all such Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus if so provided and installed by the Company. The recovery of cost of service connection shall be regulated by NEPRA Eligibility Criteria.
4. All B-4 Industrial Consumers shall be billed on the basis of two-part T.O.U tariff.

## **C BULK SUPPLY**

"Bulk Supply" for the purpose of this Tariff, means the supply given at one point for self-consumption not selling to any other consumer such as residential, commercial, tube-well and others.

### **General Conditions**

If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days no notice will be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days the fixed charges shall be assessed on proportionate basis for actual number of days between the date of old reading and the new reading.

### **C-1 SUPPLY AT 400/230 VOLTS**

1. This Tariff is applicable to a consumer having a metering arrangement at 400 volts, having sanctioned load of up to and including 500 kW.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. C-1(a) tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and shall be billed on the basis of Time-of-Use (T.O.U) tariff C-1(c) given in the Schedule of Tariff.
4. All the existing consumers governed by this tariff having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements.

### **C-2 SUPPLY AT 11 kV AND 33 kV**

1. This tariff is applicable to consumers receiving supply at 11 kV or 33 kV at one-point metering arrangement and having sanctioned load of up to and including 5000 kW.
2. The supply under this Tariff shall not be available to a prospective consumer unless he provides, to the satisfaction and approval of the Company, his own Transformer, Circuit Breakers and other necessary equipment as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively pays to the Company for all apparatus and equipment if so provided and installed by the Company. The recovery of the cost of service connection shall be regulated by the NEPRA eligibility criteria.
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff C-2(b) as set out in the Schedule of Tariff.
4. Existing consumers governed by this tariff shall be provided with T.O.U. metering arrangement and converted to C-2(b).

### **C-3 SUPPLY AT 66 kV AND ABOVE**

1. This tariff is applicable to consumers having sanctioned load of more than 5000 kW receiving supply at 66 kV and above.
2. If the Grid Station required for provision of supply falls within the purview of the dedicated system under the NEPRA Eligibility Criteria, the supply under this Tariff shall not be available to such a prospective consumer unless he provides, to the satisfaction and approval of the Company, an independent grid station of his own including Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively, pays to the Company for all such Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus if so provided and installed by the Company. The recovery of cost of service connection shall be regulated by NEPRA Eligibility Criteria.
3. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to C-3(b).
4. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff C-3(b) as set out in the Schedule of Tariff.

## D AGRICULTURAL SUPPLY

"Agricultural Supply" means the supply for Lift Irrigation Pumps and/or pumps installed on Tube-wells intended solely for irrigation or reclamation of agricultural land or forests, and include supply for lighting of the tube-well chamber.

### Special Conditions of Supply

1. This tariff shall apply to:
  - i) Reclamation and Drainage Operation under Salinity Control and Reclamation Projects (SCARP):
  - ii) Bona fide forests, agricultural tube-wells and lift irrigation pumps for the irrigation of agricultural land.
  - iii) Tube-wells meant for aqua-culture, viz. fish farms, fish hatcheries and fish nurseries.
  - iv) Tube-wells installed in a dairy farm meant for cultivating crops as fodder and for upkeep of cattle.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. The lamps and fans consumption in the residential quarters, if any, attached to the tube-wells shall be charged entirely under Tariff A-1 for which separate metering arrangements should be installed.
4. The supply under this Tariff shall not be available to consumer using pumps for the irrigation of parks, meadows, gardens, orchards, attached to and forming part of the residential, commercial or industrial premises in which case the corresponding Tariff A-1, A-2 or Industrial Tariff B-1, B-2 shall be respectively applicable.

#### D-1

1. This tariff is applicable to all Reclamation and Drainage Operation pumping under SCARP related installation having sanctioned load of less than 5 kW.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. D-1(a) tariff given in the Schedule of Tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided TOU metering arrangement and shall be charged on the basis of Time-of- Use (T.O.U) tariff D-1(b) given in the Schedule of Tariff.
4. All the existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements and shall be governed by D-1(a) till that time.

#### D-2

1. This tariff is applicable to consumers falling under Agriculture Supply having sanctioned load less than 5 kW excluding SCARP related installations.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. D-2(a) tariff given in the Schedule of Tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided TOU metering arrangement and shall be charged on the basis of Time-of- Use (T.O.U) tariff D- 2(b) given in the Schedule of Tariff.
4. All the existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements and shall be governed by D-2(a) till that time.

## **E -1 TEMPORARY RESIDENTIAL/COMMERCIAL SUPPLY**

Temporary Residential/Commercial Supply means a supply given to persons temporarily on special occasions such as ceremonial, religious gatherings, festivals, fairs, marriages and other civil or military functions. This also includes supply to touring cinemas and persons engaged in construction works for all kinds of single phase loads. For connected load exceeding 4 kW, supply may be given at 400 volts (3 phase) to allow a balanced distribution of load on the 3 phases. Normally, temporary connections shall be allowed for a period of 3 months which can be extended on three months basis subject to clearance of outstanding dues.

### **Special Conditions of Supply**

1. This tariff shall apply to Residential and Commercial consumers for temporary supply.
2. Ordinarily the supply under this Tariff shall not be given by the Company without first obtaining security equal to the anticipated supply charges and other miscellaneous charges for the period of temporary supply.

## **E -2 TEMPORARY INDUSTRIAL SUPPLY**

"Temporary Industrial Supply" means the supply given to an Industry for the bonafide purposes mentioned under the respective definitions of "Industrial Supply", during the construction phase prior to the commercial operation of the Industrial concern.

### **SPECIAL CONDITIONS OF SUPPLY**

1. Ordinarily the supply under this Tariff shall not be given by the Company without first obtaining security equal to the anticipated supply charges and other miscellaneous charges for the period of temporary supply.
2. Normally, temporary connections shall be allowed for a period of 3 months, which may be extended on three months basis subject to clearance of outstanding dues.

## **F SEASONAL INDUSTRIAL SUPPLY**

"Seasonal Industry" for the purpose of application of this Tariff, means an industry which works only for part of the year to meet demand for goods or services arising during a particular season of the year. However, any seasonal industry running in combination with one or more seasonal industries, against one connection, in a manner that the former works in one season while the latter works in the other season (thus running throughout the year) will not be classified as a seasonal industry for the purpose of the application of this Tariff.

### **Definitions**

1. "Year" means any period comprising twelve consecutive months.
2. All "Definitions" and "Special Conditions of Supply" as laid down under the corresponding Industrial Tariffs shall also form part of this Tariff so far as they may be relevant.

### **Special Conditions of Supply**

1. This tariff is applicable to seasonal industry.
2. Fixed Charges per kilowatt per month under this tariff shall be levied at the rate of 125% of the corresponding regular Industrial Supply Tariff Rates and shall be recovered only for the period that the seasonal industry actually runs subject to minimum period of six consecutive months during any twelve consecutive months. The condition for recovery of Fixed Charges for a minimum period of six months shall not, however, apply to the

- seasonal industries, which are connected to the Company's Supply System for the first time during the course of a season.
3. The consumers falling within the purview of this Tariff shall have the option to change over to the corresponding industrial Supply Tariff, provided they undertake to abide by all the conditions and restrictions, which may, from time to time, be prescribed as an integral part of those Tariffs. The consumers under this Tariff will have the option to convert to Regular Tariff and vice versa. This option can be exercised at the time of obtaining a new connection or at the beginning of the season. Once exercised, the option will remain in force for at least one year.
  4. All seasonal loads shall be disconnected from the Company's Supply System at the end of the season, specified by the consumer at the time of getting connection, for which the supply is given. In case, however, a consumer requires running the non-seasonal part of his load (e.g., lights, fans, tube-wells, etc.) throughout the year, he shall have to bring out separate circuits for such load so as to enable installation of separate meters for each type of load and charging the same at the relevant Tariff.
  5. Where a "Seasonal Supply" consumer does not come forward to have his seasonal industry re-connected with the Company's Supply System in any ensuing season, the service line and equipment belonging to the Company and installed at his premises shall be removed after expiry of 60 days of the date of commencement of season previously specified by the consumer at the time of his obtaining new connection/re-connection. However, at least ten clear days notice in writing under registered post shall be necessary to be given to the consumer before removal of service line and equipment from his premises as aforesaid, to enable him to decide about the retention of connection or otherwise. No Supply Charges shall be recovered from a disconnected seasonal consumer for any season during which he does not come forward to have his seasonal industry re-connected with the Company's Supply System.

#### **G PUBLIC LIGHTING SUPPLY**

"Public Lighting Supply" means the supply for the purpose of illuminating public lamps.

##### **Definitions**

"Month" means a calendar month or a part thereof in excess of 15 days.

##### **Special Conditions of Supply**

The supply under this Tariff shall be used exclusively for public lighting installed on roads or premises used by General Public.

#### **H RESIDENTIAL COLONIES ATTACHED TO INDUSTRIES**

This tariff is applicable for one-point supply to residential colonies attached to the industrial supply consumers having their own distribution facilities.

##### **Definitions**

"One Point Supply" for the purpose of this Tariff, means the supply given by one point to Industrial Supply Consumers for general and domestic consumption in the residential colonies attached to their factory premises for a load of 5 Kilowatts and above. The purpose is further distribution to various persons residing in the attached residential colonies and also for perimeter lighting in the attached residential colonies.

"General and Domestic Consumption", for the purpose of this Tariff, means consumption for lamps, fans, domestic applications, including heated, cookers, radiators, air-conditioners, refrigerators and domestic tube-wells.

"Residential Colony" attached to the Industrial Supply Consumer, means a group of houses annexed with the factory premises constructed solely for residential purpose of the bonafide employees of the factory, the establishment or the factory owners or partners, etc.

#### **Special Conditions of Supply**

The supply under this Tariff shall not be available to persons who meet a part of their requirements from a separate source of supply at their premises.

#### **I. TRACTION**

Supply under this tariff means supply of power in bulk to Railways for Railway traction only.

#### **J. SPECIAL CONTRACTS UNDER NEPRA (SUPPLY OF POWER) REGULATIONS 2015**

Supply for the purpose of this tariff means the supply given at one or more common delivery points;

- i. To a licensee procuring power from SEPCO for the purpose of further supply within its respective service territory and jurisdiction.
- ii. To an O&M operator under the O&M Agreement within the meaning of NEPRA (Supply of Power) Regulations 2015 duly approved by the Authority for the purpose of further supply within the service territory and jurisdiction of the SEPCO
- iii. To an Authorized agent within the meaning of NEPRA (Supply of Power) Regulations 2015, procuring power from the SEPCO for further supply within the service territory and jurisdiction of the SEPCO

#### **J-1 SUPPLY TO LICENSEE**

1. This tariff is applicable to a Licensee having sanctioned load of 20 MW and above receiving supply at 66 kV and above.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-1(b).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-1(b) as set out in the Schedule of Tariff.

## SUPPLY UNDER O&M AGREEMENT

### J-2 (a) SUPPLY AT 11 KV AND 33 KV

1. This tariff is applicable to an O&M operator receiving supply at 11 kV or 33 kV under the O&M Agreement duly approved by the Authority.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-2(c).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-2(c) as set out in the Schedule of Tariff.

### J-2 (b) SUPPLY AT 66 KV AND ABOVE

1. This tariff is applicable to an O&M operator receiving supply at 66 kV & above under the O&M Agreement duly approved by the Authority.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-2(d).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-2(d) as set out in the Schedule of Tariff.

## SUPPLY TO AUTHORIZED AGENT

### J-3 (a) SUPPLY AT 11 KV AND 33 KV

1. This tariff is applicable to an authorized agent receiving supply at 11 kV or 33 kV.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-3(c).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-3(c) as set out in the Schedule of Tariff.

### J-3 (b) SUPPLY AT 66 KV AND ABOVE

1. This tariff is applicable to an authorized agent receiving supply at 66 kV & above.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-3(d).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-3(d) as set out in the Schedule of Tariff.

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[Tariff-2015-16]

  
(Syed Mateen Ahmed)  
Section Officer (Tariff)

Government of Pakistan

Ministry of Energy

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Islamabad, the 22<sup>nd</sup> March, 2018.

**NOTIFICATION**

S.R.O. 382

(I)/2018. - In pursuance of sub-section (4) & (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), and in supersession of its notification No. S.R.O. 574(I)/2015, dated the June 10<sup>th</sup>, 2015, the Federal Government is pleased to notify the National Electric Power Regulatory Authority's in field determined Schedule Of Electricity Tariffs for the Peshawar Electric Supply Company (PESCO), subject to and alongwith amount of subsidy and surcharges, with immediate effect, as attached herewith. The Order dated September 18, 2017 and October 23, 2017 of the Authority at Annex-I and IA, Fuel Price Adjustment Mechanism and Quarterly/Biannual Adjustment Mechanism at Annex-II and IIA, PESCO Estimated Sales Revenue in field at Annex-III, PESCO Power Purchase Price at Annex-IV, the Terms and Conditions of Tariff (For Supply Of Electric Power To Consumers By Distribution Licensee) at Annex-V to this notification is notified, in respect of PESCO.

2. Provided that in pursuance of sub-section (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), the Federal Government is pleased to notify that there shall be levied with immediate effect a surcharge namely, "Tariff Rationalization Surcharge" at the rate mentioned against categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by PESCO, during each of the billing month, for maintaining uniform rates of electricity across the country for each of the consumer category. PESCO shall deposited the amount of Tariff Rationalization Surcharge in a Fund called the "Tariff Rationalization Fund" to be kept in the Escrow Account maintained at Central Power Purchasing Agency (Guarantee) Limited and utilized exclusively for discharging of determined cost of power producers. The Tariff Rationalization Surcharge shall be considered as a cost incurred by PESCO and included in the tariff determined by NEPRA.

3. Provided further that in pursuance of sub-section (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997



(XL of 1997), the Federal Government is pleased to notify that there shall be levied with immediate effect a surcharge namely, "Financing Cost Surcharge" at the rate and categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by PESCO, during each of the billing month. PESCO shall deposited the amount of Financing Cost Surcharge in a Fund called the "Financing Cost Fund" to be kept in the Escrow Account maintained at Central Power Purchasing Agency (Guarantee) Limited for the exclusive use of discharging the financing cost of various loans obtained to discharge liabilities of power producers against the sovereign guarantees of the Government of Pakistan. The Financing Cost Surcharge shall be considered as a cost incurred by PESCO and included in the tariff determined by NEPRA.

4. Provided further that there shall be levied till the 30th June, 2018, Neelum-Jhelum Surcharge at the rate and categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by PESCO, during each of the billing month and such surcharge shall be deposited in a Fund called the "Neelum-Jhelum Hydro Power Development Fund" to be kept in the Escrow Account of the Neelum-Jhelum Company for exclusive use for the Neelum-Jhelum Hydro Power Project.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	PYA 2016	Write-off Charges	PYA 2017	Total Variable Charges	GoP Tariff Rationalisation		
		Rs/kW/M	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kWh	Subsidy	Burcharge	
		A	B	C	D	E	F	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh
a)	For Sanctioned load less than 5 kW	-	4.00	-	-	-	4.00	-	2.00	-
i)	Up to 50 Units	-	-	-	-	-	-	-	-	-
	For Consumption exceeding 50 Units	-	-	-	-	-	-	-	-	-
ii)	001 - 100 Units	-	12.06	(1.16)	2.00	0.92	13.82	-	8.03	-
iii)	101 - 200 Units	-	13.56	(1.16)	2.00	0.91	17.31	-	9.20	-
iv)	201 - 300 Units	-	15.60	(1.16)	2.05	0.91	17.41	-	7.21	-
v)	301 - 700 Units	-	16.93	(1.13)	2.05	0.91	18.76	-	2.76	-
vi)	Above 700 Units	-	18.02	(1.12)	2.03	0.91	19.86	-	1.86	-
b)	For Sanctioned load 5 kW & above	-	-	-	-	-	-	-	-	-
	Time Of Use	-	Peak OFF-Peak	Peak OFF-Peak	Peak OFF-Peak	Peak OFF-Peak	Peak OFF-Peak	Peak OFF-Peak	Peak OFF-Peak	Peak OFF-Peak
		-	18.06 12.31	(1.16) (1.16)	2.00 2.00	0.92 0.92	19.82 14.27	-	1.82 1.77	-

As per Authority's decision residential consumers will be given the benefits of only one previous slab.  
Under tariff A-1, there shall be minimum monthly customer charge at the following rates even if no energy is consumed.

- a) Single Phase Connections: Rs. 75/- per consumer per month  
b) Three Phase Connections: Rs. 150/- per consumer per month  
Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	PYA 2016	Write-off Charges	PYA 2017	Total Variable Charges	GoP Tariff Rationalisation		
		Rs/kW/M	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kWh	Subsidy	Burcharge	
		A	B	C	D	E	F	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh
a)	For Sanctioned load less than 5 kW	-	18.06	(1.16)	2.00	0.92	19.82	-	1.82	-
b)	For Sanctioned load 5 kW & above	400.00	13.51	(1.16)	2.00	0.92	15.27	-	-	0.73
	Time Of Use	400.00	Peak OFF-Peak	Peak OFF-Peak	Peak OFF-Peak	Peak OFF-Peak	Peak OFF-Peak	Peak OFF-Peak	Peak OFF-Peak	Peak OFF-Peak
			18.06 12.31	(1.16) (1.16)	2.00 2.00	0.92 0.92	19.82 14.27	-	1.82 1.77	-

Under tariff A-2, there shall be minimum monthly charges at the following rates even if no energy is consumed.

- a) Single Phase Connections: Rs. 175/- per consumer per month  
b) Three Phase Connections: Rs. 200/- per consumer per month  
Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	PYA 2016	Write-off Charges	PYA 2017	Total Variable Charges	GoP Tariff Rationalisation		
		Rs/kW/M	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kWh	Subsidy	Burcharge	
		A	B	C	D	E	F	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh
a)	General Services	-	14.01	(1.16)	2.00	0.92	15.77	-	1.02	-

Under tariff A-3, there shall be minimum monthly charges at the following rates even if no energy is consumed.

- a) Single Phase Connections: Rs. 175/- per consumer per month  
b) Three Phase Connections: Rs. 250/- per consumer per month  
Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	PYA 2016	Write-off Charges	PYA 2017	Total Variable Charges	GoP Tariff Rationalisation		
		Rs/kW/M	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kWh	Subsidy	Burcharge	
		A	B	C	D	E	F	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh
B1	Up to 35 kW (at 400/230 Volts)	-	13.34	(1.16)	2.00	0.92	15.32	-	0.83	-
B2(a)	exceeding 25-500 kW (at 400 Volts)	400.00	13.06	(1.16)	2.00	0.92	14.82	-	0.82	-
	Time Of Use	-	Peak OFF-Peak	Peak OFF-Peak	Peak OFF-Peak	Peak OFF-Peak	Peak OFF-Peak	Peak OFF-Peak	Peak OFF-Peak	Peak OFF-Peak
			18.06 12.31	(1.16) (1.16)	2.00 2.00	0.92 0.92	19.82 14.07	-	1.82 1.78	-
B1 (b)	Up to 25 kW	-	18.06	(1.16)	2.00	0.92	19.82	-	1.82	-
B2(b)	exceeding 25-500 kW (at 400 Volts)	400.00	12.31	(1.16)	2.00	0.92	14.07	-	1.77	-
B3	For All Loads up to 5000 kW (at 11.33 kV)	360.00	18.06	(1.16)	2.00	0.92	19.82	-	1.82	-
B4	For All Loads (at 66,132 kV & above)	360.00	12.11	(1.16)	2.00	0.92	13.87	-	1.77	-

For B1 consumers there shall be a fixed minimum charge of Rs. 300 per month.  
For B2 consumers there shall be a fixed minimum charge of Rs. 2,000 per month.  
For B3 consumers there shall be a fixed minimum charge of Rs. 50,000 per month.  
For B4 consumers there shall be a fixed minimum charge of Rs. 500,000 per month.  
Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	PYA 2016	Write-off Charges	PYA 2017	Total Variable Charges	GoP Tariff Rationalisation		
		Rs/kW/M	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kWh	Subsidy	Burcharge	
		A	B	C	D	E	F	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	VARIABLE CHARGES Rs/kWh
C-1	For supply at 400/230 Volts	-	14.06	(1.16)	2.00	0.92	18.82	-	0.82	-
a)	Sanctioned load less than 5 kW	-	13.86	(1.16)	2.00	0.92	18.32	-	0.82	-
b)	Sanctioned load 5 kW & up to 500 kW	400.00	12.36	(1.16)	2.00	0.92	16.12	-	0.82	-
C-2(a)	For supply at 11.33 kV up to and including 5000 kW	380.00	13.26	(1.16)	2.00	0.92	16.02	-	0.82	-
C-2(b)	For supply at 66 kV & above and sanctioned load above 5000 kW	360.00	12.26	(1.16)	2.00	0.92	15.02	-	0.82	-
	Time Of Use	-	Peak OFF-Peak	Peak OFF-Peak	Peak OFF-Peak	Peak OFF-Peak	Peak OFF-Peak	Peak OFF-Peak	Peak OFF-Peak	Peak OFF-Peak
			18.06 12.31	(1.16) (1.16)	2.00 2.00	0.92 0.92	19.82 14.27	-	1.82 1.77	-
C-1(c)	For supply at 400/230 Volts 5 kW & up to 500 kW	400.00	18.06	(1.16)	2.00	0.92	19.82	-	1.82	-
C-2(b)	For supply at 11.33 kV up to and including 5000 kW	380.00	12.31	(1.16)	2.00	0.92	14.07	-	1.77	-
C-2(c)	For supply at 66 kV & above and sanctioned load above 5000 kW	360.00	16.06	(1.16)	2.00	0.92	13.97	-	1.77	-

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FYA 2016 Rs/kWh	Write-off Charges Rs/kWh	FYA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation			
								Subsidy		Burscharge	
								FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh
D-1(a)	SCARP less than 5 kW	200.00	13.56	(1.16)	2.00	0.92	15.32				3.32
D-2(a)	Agricultural Tube Wells		13.06	(1.16)	2.00	0.92	14.82				3.32
D-1(b)	SCARP 5 kW & above	200.00	18.06	(1.16)	2.00	0.92	19.82				5.42
D-2(b)	Agricultural 5 kW & above	200.00	18.06	(1.16)	2.00	0.92	19.82				5.42

In addition to above mentioned subsidy on variable charges, the fixed charges applicable to private agriculture consumers under tariff D-2 and D-1 (b) is also picked by GoP as Subsidy.

Under this tariff, there shall be minimum monthly charge Rs.2000/- per consumer per month, even if no energy is consumed.  
Note: The consumers having sanctioned load less than 5 kW can opt for TOU metering.

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FYA 2016 Rs/kWh	Write-off Charges Rs/kWh	FYA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation			
								Subsidy		Burscharge	
								FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh
E-1(i)	Residential Supply	-	18.06	(1.16)	2.00	0.92	19.82				2.44
E-1(ii)	Commercial Supply	-	18.06	(1.16)	2.00	0.92	19.82				2.53
E-2	Industrial Supply	-	13.56	(1.16)	2.00	0.92	15.32				4.53

For the categories of E-1(i)&(ii) above, the minimum bill of the consumers shall be Rs. 50/- per day subject to a minimum of Rs.500/- for the entire period of supply, even if no energy is consumed.

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

125% of  
relevant  
Industrial  
tariff

Note: Tariff consumers will have the option to convert to Regular Tariff and vice versa. This option can be exercised at the time of a new connection or at the beginning of the season. Once exercised, the option remains in force for at least one year.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FYA 2016 Rs/kWh	Write-off Charges Rs/kWh	FYA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation			
								Subsidy		Burscharge	
								FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh
	Street Lighting		13.06	(1.16)	2.00	0.92	14.82				0.18

Under Tariff G, there shall be a minimum monthly charge of Rs.500/- per month per kW of lamp capacity installed.

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FYA 2016 Rs/kWh	Write-off Charges Rs/kWh	FYA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation			
								Subsidy		Burscharge	
								FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh
	Residential Colonies attached to industrial premises		13.06	(1.16)	2.00	0.92	14.82				0.18

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FYA 2016 Rs/kWh	Write-off Charges Rs/kWh	FYA 2017 Rs/kWh	Total Variable Charges Rs/kWh	GoP Tariff Rationalisation			
								Subsidy		Burscharge	
								FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh	FIXED CHARGES Rs/kW/M	VARIABLE CHARGES Rs/kWh
	Used Jammu & Kashmir (AJK)	360.00	13.06	(1.16)	2.00	0.92	14.82				2.59
	Time of Day	360.00	18.06	(1.16)	2.00	0.92	19.82				1.62

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	FYA 2016	Write-off Charges	FYA 2017	Total Variable Charge	GoP Tariff Rationalisation							
								Subsidy				Surcharge			
								FIXED CHARGES	VARIABLE CHARGES	FIXED CHARGES	VARIABLE CHARGES				
		Rs/kW/M	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kWh	Rs/kW/M	Rs/kWh	Rs/kW/M	Rs/kWh				
		A	B	C	D	E	F								
J-1	For supply at 66 kV & above and having sanctioned load of 20MW & above	360.00	13.26	(1.16)	2.00	0.92	15.02								
J-2	(a) For supply at 11.33 kV	380.00	13.36	(1.16)	2.00	0.92	16.12								
	(b) For supply at 66 kV & above	360.00	13.26	(1.16)	2.00	0.92	15.02								
J-3	(a) For supply at 11.33 kV	380.00	13.36	(1.16)	2.00	0.92	16.12								
	(b) For supply at 66 kV & above	360.00	13.26	(1.16)	2.00	0.92	15.02								
Time Of Use															
J-1(a)	For supply at 66 kV & above and having sanctioned load of 20MW & above	360.00	18.06	(1.16)	(1.16)	2.00	2.00	0.92	0.92	19.82	13.97				
J-2(a)	For supply at 11.33 kV	380.00	18.06	(1.16)	(1.16)	2.00	2.00	0.92	0.92	19.82	14.07				
J-2(b)	For supply at 66 kV & above	360.00	18.06	(1.16)	(1.16)	2.00	2.00	0.92	0.92	19.82	13.97				
J-3(a)	For supply at 11.33 kV	380.00	18.06	(1.16)	(1.16)	2.00	2.00	0.92	0.92	19.82	14.07				
J-3(b)	For supply at 66 kV & above	360.00	18.06	(1.16)	(1.16)	2.00	2.00	0.92	0.92	19.82	13.97				

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Note:  
\* "Residential-Jhelum Burscharge" at the rate of Rs. 0.10/kWh applicable on all electricity consumers except lifeline domestic consumers of the category "Residential A-1" for electricity sold.  
\* "Financing Cost Burscharge" at the rate of Rs. 0.43/kWh applicable to all the electricity consumers except lifeline domestic consumers of the category "Residential A-1" for electricity sold.

## ORDER

From what has been discussed above, the Authority hereby re-determines the tariff of PESCO for the Financial Year 2015-16 as under;

- I. Peshawar Electric Supply Company Limited (PESCO) is allowed to charge its consumers such tariff as set out in the schedule of tariff for PESCO annexed to the determination.
- II. The actual variation in fuel cost component of power purchase price against the reference fuel cost component shall be adjusted on monthly basis without taking into account the T&D losses. The monthly fuel price adjustment shall be based on the actual information submitted by CPPA (G), adjustment of remaining components of PPP will be adjusted biannually. Here it is pertinent to mention that while making biannual adjustments of the PPP, the Authority may rationalize the SoT accordingly.

- III. PESCO is allowed to charge the users of its system a "Use of system charge" (UOSC) equal to:

- i) Where only 132 kV system is involved

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.036)} \times AFI(T) \quad \text{Paisa/kWh}$$

- ii) Where only 11 kV distribution systems is involved.

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.13)} \times AFI(D) \quad \text{Paisa/kWh}$$

- iii) Where both 132 kV and 11 kV distribution systems are involved.

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.164)} \times AFI(TD) \quad \text{Paisa/kWh Where:}$$

Gross Distribution Margin for FY 2015-16 is set at Rs. 2.03/kWh (without excluding impact of other income)

'L' is the overall percentage loss assessment for the respective year.

AFI (T) = Adjustment factor for investment at 132 kV level i.e. 23%

AFI (D) = Adjustment factor for investment at 11 kV level i.e. 39%.

AFI (TD) = Adjustment factor for investment at both 132 kV & 11 kV level i.e. 63%.

- IV. The residential consumers will be given the benefit of only one previous slab.
- V. PESCO is hereby allowed the T&D losses target of 31.95% for the FY 2015-16.

- VI. PESCO is hereby allowed a total investment of Rs.7,622 million.
- VII. Tariff under Colum 'A' and 'D' of Annex-III shall remain applicable for one year from the date of notification. Colum 'C' of Annex-III shall cease to exist after one year and only Colum 'A' and 'B' of Annex-III would remain applicable till the same is superseded by next notification.
- VIII. The Order part, Annex-I, II, III, IV andV annexed with determination is intimated to the Federal Government for notification in the official gazette under Section 31(4) of the NEPRA Act.
- IX. The Authority hereby determines and approves the following component wise cost & its adjustments mechanism for PESCO for the FY 2015-16.

TARIFF COMPONENT	Assessed Cost FY 2015-16	ADJUSTMENTS/ ASSESSMENT	TIME LINES
POWER PURCHASE PRICE			
Energy Purchase Price			
Fuel Cost	65,806	Monthly, as per the approved mechanism.	Data to be provided by CPPA (G)by 3 <sup>rd</sup> of close of the month
Variable O&M	3,646	Biannually, as per the approved mechanism.	Request to be furnished by the PESCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
Capacity Charges	26,289	Biannually, as per the approved mechanism.	Request to be furnished by the PESCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
Use of System Charges	3,352	Biannually, as per the approved mechanism.	Request to be furnished by the PESCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
T&D Losses	31.95%	Biannually, as per the approved mechanism.	Request to be furnished by the PESCO not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
NET DISTRIBUTION MARGIN	14,889		

O&M Cost			
Salaries, wages & other benefits	8,166	Annually	On the basis of next year tariff petition.
Post-Retirement benefits	2,485	----do----	----do----
Repair and Maintenance	800	----do----	----do----
Other operating expanses	791	----do----	----do----
Depreciation	2,009	----do----	----do----
Return on Rate Base	2,255	----do----	----do----
Other Income	(1,616)	----do----	----do----
Prior Year Adjustment	(9,077)	----do----	----do----
Provisional Write Offs	15,748		

## Order

- I. Based on the above assessment, the Authority hereby determines the following adjustments on account of PPP (*including impact of T&D losses on FCA*) and Prior Year Adjustments for the FY 2016-17;

FY 2016-17	
Description	PESCO
	Mln.Rs.
<b>A: Power Purchase Price (PPP) Adjustment</b>	
PPP cost billed by CPPA-G	107,984
PPP cost disallowed by the Authority	(2,067)
Net PPP cost to be charged to consumers	105,916
PPP Recovered through notified Tariff	104,034
Under recovered PPP Cost, to be recovered from to the consumers	1,882
<b>B: Prior Year Adjustment (PYA)</b>	
PYA to be recovered/(passed on) as per redetermination Sep. 18, 2017	(9,077)
PYA recovered / (Passed on) during FY 2016-17	(5,309)
Under paid PYA, to be returned to the consumers	(3,768)
<b>C: Impact of Negative Monthly FCA's</b>	
Negative FCA Retained ( <i>Life Line, Agri and Domestic Consumers upto 300 units</i> )	(10,856)
Net Subsidy, if any	29,500
FCA amount to be passed on to the consumers	
<b>Total Adjustment = A+B+C</b>	<b>(1,886)</b>

- II. The impact of negative PYA amount of Rs.9,077 million already built in PESCO's re-determination dated September 18, 2017, shall be replaced with the aforementioned negative amount of Rs.1,886 million, thus resulting in an overall adjustment of Rs.7,191 million in the consumer-end tariff of PESCO.
- III. After incorporating the above amount in the Authority's re-determination dated September 18, 2017, in the matter of the GoP's reconsideration request for PESCO, the Estimated Sales Revenue and Schedule of Tariff (SoT) have been revised and are attached as Annex-II and Annex-III respectively to this decision, which will supersede the earlier estimated sales revenue and SoT attached with the Authority's redetermination dated September 18, 2017, in the matter of GoP's Reconsideration request for PESCO. Remaining annexures would remain the same.

- IV. Tariff under Colum A and F of Annex-III shall remain applicable for one year from the date of notification. Colum C, D, E and F of Annex-III shall cease to exist after one year and only Colum A and B of Annex-III shall remain applicable, till the same is superseded by next notification.
- V. The Authority in its redetermination dated September 18, 2017, in the matter of the GoP's reconsideration request prescribed the mechanism for calculation of the quarterly/ biannual adjustments which is attached as Annex-IA with the instant decision.



FUEL PRICE ADJUSTMENT MECHANISM

Actual variation in fuel cost component against the reference fuel cost component for the corresponding months will be determined according to the following formula

$$\text{Fuel Price variation} = \text{Actual Fuel Cost Component} - \text{Reference Fuel Cost Component}$$

Where:

Fuel Price variation is the difference between actual and reference fuel cost component

Actual fuel cost component is the fuel cost component in the pool price on which the DISCOs will be charged by CPPA (G) in a particular month; and

Reference fuel cost component is the fuel cost component for the corresponding month projected for the purpose of tariff determination as per Annex-IV of the determination;

The fuel price adjustment determined by the Authority shall be shown separately in the bill of the consumer and the billing impact shall be worked out on the basis of consumption by the consumer in the respective month.

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### QUARTERLY/BIANNUAL ADJUSTMENT MECHANISM

Quarterly/ Biannual adjustment shall be the Actual variation in Power Purchase Price (PPP), excluding Fuel Cost Component, against the reference Power Purchase Price component and the impact of T&D losses on FCA, for the corresponding months and shall be determined according to the following formula;

$$\text{Quarterly/Biannual PPP}_{(Adj)} = \frac{\text{PPP}_{(Act)} (\text{excluding FCC}) - \text{PPP}_{(Ref)} (\text{excluding FCC})}{(1 - \text{T\&D Loss \%}) - (\text{Life line Consumption \%})}$$

Where;

$\text{PPP}_{(Act)}$  is the actual cost in Rs./kWh, excluding FCC, invoiced by, CPPA-G to XWDISCOs, adjusted for any cost disallowed by the Authority.

$\text{PPP}_{(Ref)}$  is the reference cost in Rs./kWh as per the Annex-IV of the XWDISCOs determination that remained notified during the period.

T&D Loss % is percentage of T&D losses that remained notified during the period.

Quarterly/Biannual impact of T&D losses on FCA<sub>(Adj)</sub>

$$= \left[ \frac{\text{FCA}_{(Allowed)}}{(1 - \text{T\&D Loss \%}) - (\text{Life line Consumption \%})} \right] - \text{FCA}_{(Allowed)}$$

Where;

$\text{FCA}_{(allowed)}$  is the FCA allowed by the Authority for the respective months of the concerned period.

T&D Loss % is percentage of T&D losses that remained notified during the period.

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**Peshawar Electric Supply Company Limited (PESCO)**  
**Estimated Sales Revenue on the Basis of New Tariff**

Description	Sales		Revenue			Base Tariff		PYA 2016		Write off		PYA 2017		Total Tariff	
	GWh	% Mix	Fixed Charge	Variable Charge	Total	Fixed Charge	Variable Charge	Amount	Variable Charge	Amount	Variable Charge	Amount	Variable Charge	Fixed Charge	Variable Charge
			Min. Rs.	Rs./kWh		Rs./kWh	Rs./kWh	Min. Rs.	Rs./kWh	Min. Rs.	Rs./kWh	Min. Rs.	Rs./kWh	Rs./kWh	Rs./kWh
<b>Residential</b>															
Up to 5C Units	276	3.40%	-	1.104	1,104	-	4.00	-	-	-	-	-	-	-	-
For peak load requirement less than 5 kW															
01-100 Units	1782	21.96%	-	21.498	21,498	-	12.08	(2,087)	(1.16)	3,564	2.00	1,639	0.92	-	-
101-200 Units	752	9.27%	-	11,703	11,703	-	15.56	(872)	(1.16)	1,504	2.00	684	0.91	-	-
201-300 Units	790	9.73%	-	12,318	12,318	-	15.60	(908)	(1.15)	1,619	2.05	719	0.91	-	-
301-700 Units	469	5.78%	-	7,951	7,951	-	18.95	(539)	(1.15)	962	2.05	427	0.91	-	-
Above 700 Units	136	1.67%	-	2,449	2,449	-	18.02	(152)	(1.12)	279	2.05	124	0.91	-	-
For peak load requirement exceeding 5 kW															
Time of Use (TOU) - Peak	49	0.61%	-	889	889	-	18.08	(57)	(1.16)	98	2.00	45	0.92	-	-
Time of Use (TOU) - Off-Peak	176	2.17%	-	2,199	2,199	-	12.51	(204)	(1.16)	351	2.00	162	0.92	-	-
Temporary Supply	0	0.00%	-	2	2	-	18.08	(0)	(1.16)	0	2.00	0	0.92	-	-
<b>Total Residential</b>	<b>4,430</b>	<b>54.58%</b>	<b>-</b>	<b>60,112</b>	<b>60,112</b>	<b>-</b>	<b>-</b>	<b>(4,800)</b>	<b>-</b>	<b>8,377</b>	<b>-</b>	<b>3,800</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Commercial - A2</b>															
For peak load requirement less than 5 kW	262	3.22%	-	4,726	4,726	-	18.06	(304)	(1.16)	523	2.00	241	0.92	-	-
For peak load requirement exceeding 5 kW															
Regular	8	0.08%	10	83	92	400	13.51	(7)	(1.16)	12	2.00	8	0.92	400	-
Time of Use (TOU) - Peak	92	1.14%	-	1,667	1,667	-	18.06	(107)	(1.16)	165	2.00	85	0.92	-	-
Time of Use (TOU) - Off-Peak	370	4.56%	794	4,833	5,628	400	12.51	(430)	(1.16)	741	2.00	341	0.92	400	-
Temporary Supply	2	0.03%	-	41	41	-	18.06	(3)	(1.16)	5	2.00	2	0.92	-	-
<b>Total Commercial</b>	<b>733</b>	<b>9.03%</b>	<b>803</b>	<b>11,149</b>	<b>11,952</b>	<b>-</b>	<b>-</b>	<b>(850)</b>	<b>-</b>	<b>1,485</b>	<b>-</b>	<b>674</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>General Services-A3</b>															
	243	3.00%	-	3,411	3,411	-	14.01	(282)	(1.16)	487	2.00	224	0.92	-	-
<b>Industrial</b>															
B1	25	0.31%	-	338	338	-	13.58	(29)	(1.16)	50	2.00	23	0.92	-	-
B1 Peak	31	0.38%	-	562	562	-	18.06	(38)	(1.16)	82	2.00	29	0.92	-	-
B1 Off-Peak	158	1.92%	-	1,953	1,953	-	12.51	(181)	(1.16)	312	2.00	144	0.92	-	-
B2	6	0.07%	10	75	85	400	13.06	(7)	(1.16)	12	2.00	5	0.92	400	-
B2 - TOU (Peak)	76	0.94%	-	1,375	1,375	-	18.06	(88)	(1.16)	152	2.00	70	0.92	-	-
B2 - TOU (Off-Peak)	468	5.77%	1,217	5,785	6,993	400	12.31	(543)	(1.16)	937	2.00	431	0.92	400	-
B3 - TOU (Peak)	66	0.82%	-	1,198	1,198	-	18.06	(77)	(1.16)	133	2.00	81	0.92	-	-
B3 - TOU (Off-Peak)	724	8.92%	786	8,840	9,626	380	12.21	(840)	(1.16)	1,448	2.00	666	0.92	380	-
B4 - TOU (Peak)	59	0.73%	-	1,065	1,065	-	18.06	(69)	(1.16)	118	2.00	54	0.92	-	-
B4 - TOU (Off-Peak)	426	5.27%	481	5,179	5,640	380	12.11	(496)	(1.16)	855	2.00	393	0.92	380	-
Temporary Supply	0	0.00%	-	1	1	-	13.58	(0)	(1.16)	0	2.00	0	0.92	-	-
<b>Total Industrial</b>	<b>2,039</b>	<b>25.13%</b>	<b>2,474</b>	<b>26,351</b>	<b>28,825</b>	<b>-</b>	<b>-</b>	<b>(2,366)</b>	<b>-</b>	<b>4,079</b>	<b>-</b>	<b>1,876</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Single Point Supply for further distribution</b>															
C1(a) Supply at 400 Volts less than 5 kW	0	0.00%	-	5	5	-	14.06	(0)	(1.16)	1	2.00	0	0.92	-	-
C1(b) Supply at 400 Volts exceeding 5 kW	31	0.38%	28	423	450	400	13.58	(38)	(1.16)	42	2.00	29	0.92	400	-
Time of Use (TOU) - Peak	14	0.17%	-	253	253	-	18.06	(18)	(1.16)	28	2.00	13	0.92	-	-
Time of Use (TOU) - Off-Peak	59	0.72%	90	732	822	400	12.51	(68)	(1.16)	117	2.00	54	0.92	400	-
C2 Supply at 11 kV	23	0.28%	20	303	323	380	13.38	(28)	(1.16)	45	2.00	21	0.92	380	-
Time of Use (TOU) - Peak	26	0.32%	-	475	475	-	18.06	(30)	(1.16)	53	2.00	24	0.92	-	-
Time of Use (TOU) - Off-Peak	122	1.50%	148	1,498	1,646	380	12.31	(141)	(1.16)	243	2.00	112	0.92	380	-
C3 Supply above 11 kV	0	0.00%	-	-	-	380	13.26	-	(1.16)	-	2.00	-	0.92	380	-
Time of Use (TOU) - Peak	3	0.03%	-	47	47	-	18.06	(3)	(1.16)	5	2.00	2	0.92	-	-
Time of Use (TOU) - Off-Peak	15	0.18%	22	178	200	380	12.21	(17)	(1.16)	29	2.00	13	0.92	380	-
<b>Total Single Point Supply</b>	<b>292</b>	<b>3.60%</b>	<b>309</b>	<b>3,912</b>	<b>4,221</b>	<b>-</b>	<b>-</b>	<b>(339)</b>	<b>-</b>	<b>564</b>	<b>-</b>	<b>268</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Agricultural Tubo-wells - Tariff D</b>															
Scarp	4	0.05%	-	57	57	-	13.58	(5)	(1.16)	8	2.00	4	0.92	-	-
Time of Use (TOU) - Peak	1	0.01%	-	16	16	-	18.06	(1)	(1.16)	2	2.00	1	0.92	-	-
Time of Use (TOU) - Off-Peak	5	0.06%	6	64	72	200	12.51	(8)	(1.16)	10	2.00	5	0.92	200	-
Agricultural Tubo-wells	21	0.26%	64	278	342	200	13.06	(25)	(1.16)	43	2.00	20	0.92	200	-
Time of Use (TOU) - Peak	10	0.12%	-	178	178	-	18.06	(11)	(1.16)	20	2.00	9	0.92	-	-
Time of Use (TOU) - Off-Peak	45	0.55%	102	559	660	200	12.51	(52)	(1.16)	89	2.00	41	0.92	200	-
<b>Total Agricultural</b>	<b>46</b>	<b>1.06%</b>	<b>174</b>	<b>1,151</b>	<b>1,325</b>	<b>-</b>	<b>-</b>	<b>(100)</b>	<b>-</b>	<b>172</b>	<b>-</b>	<b>79</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Public Lighting</b>															
Resid. Colon all to ind	13	0.17%	-	175	175	-	13.06	(16)	(1.16)	27	2.00	12	0.92	-	-
Special Contracts - AJK	3	0.03%	-	37	37	-	13.06	(3)	(1.16)	6	2.00	3	0.92	-	-
Temporary Supply	0	0.00%	0	1	1	380	13.06	(0)	(1.16)	0	2.00	0	0.92	380	-
Time of Use (TOU) - Peak	31	0.38%	-	582	582	-	18.06	(38)	(1.16)	82	2.00	29	0.92	-	-
Time of Use (TOU) - Off-Peak	245	3.02%	294	3,068	3,362	380	12.51	(284)	(1.16)	490	2.00	226	0.92	380	-
<b>Sub-Total</b>	<b>293</b>	<b>3.61%</b>	<b>294</b>	<b>3,843</b>	<b>4,137</b>	<b>-</b>	<b>-</b>	<b>(339)</b>	<b>-</b>	<b>565</b>	<b>-</b>	<b>269</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Special Contract - Tariff-J</b>															
J-1 For Supply at 66 kV & above	-	0.00%	-	-	-	380	13.26	-	(1.16)	-	2.00	-	0.92	380	-
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	18.06	-	(1.16)	-	2.00	-	0.92	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	380	12.21	-	(1.16)	-	2.00	-	0.92	380	-
J-2 (a) For Supply at 11, 33 kV	-	0.00%	-	-	-	380	13.36	-	(1.16)	-	2.00	-	0.92	380	-
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	18.06	-	(1.16)	-	2.00	-	0.92	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	380	12.31	-	(1.16)	-	2.00	-	0.92	380	-
J-2 (b) For Supply at 66 kV & above	-	0.00%	-	-	-	380	13.26	-	(1.16)	-	2.00	-	0.92	380	-
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	18.06	-	(1.16)	-	2.00	-	0.92	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	380	12.21	-	(1.16)	-	2.00	-	0.92	380	-
J-3 (e) For Supply at 11, 33 kV	-	0.00%	-	-	-	380	13.36	-	(1.16)	-	2.00	-	0.92	380	-
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	18.06	-	(1.16)	-	2.00	-	0.92	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	380	12.31	-	(1.16)	-	2.00	-	0.92	380	-
J-3 (b) For Supply at 66 kV & above	-	0.00%	-	-	-	380	13.26	-	(1.16)	-	2.00	-	0.92	380	-
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	18.06	-	(1.16)	-	2.00	-	0.92	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	380	12.21	-	(1.16)	-	2.00	-	0.92	380	-

**Total Revenue 6,116 100.00% 4,055 109,928 113,982 (9,077) 18,748 7,191**

Tariff mentioned under Column "Total Tariff" shall remain applicable for a period of one year from the date of notification. After one year PYA 2016, Write-off and PYA 2017 shall cease to exist and only tariff mentioned under Column "Base" shall remain applicable till the same is superseded by next notification.

## PESCO Power Purchase Price

Name	July	August	September	October	November	December	January	February	March	April	May	June	Total
Units Purchased by DISCOs (GWh)	1,259	1,266	1,175	1,061	976	975	840	821	802	722	940	1,088	11,926
kWh													
Fuel Cost Component	4.9811	4.7552	5.1217	5.2366	5.0497	5.8619	7.1241	5.7493	6.6429	6.7227	5.2908	4.9927	5.518
Variable O & M	0.2727	0.2678	0.2825	0.2891	0.2916	0.3337	0.3711	0.3234	0.3467	0.3577	0.3050	0.2891	0.306
CpGenCap	1.8373	1.7042	1.7439	2.2061	2.3110	2.4180	2.8668	2.5583	2.5597	2.3215	2.3513	2.1740	2.20
USCF	0.2321	0.2303	0.2393	0.2941	0.3218	0.2992	0.3291	0.3309	0.2928	0.2997	0.2685	0.2915	0.28
Total PPP in Rs. /kWh	7.3232	6.9574	7.3874	8.0259	7.9740	8.9129	10.6910	8.9620	9.8421	9.7016	8.2157	7.7473	8.3089

Rs in Million													
Fuel Cost Component	6,271	6,022	6,018	5,556	4,929	5,716	5,984	4,723	5,330	4,852	4,972	5,434	65,806
Variable O & M	343	339	332	307	285	325	312	266	278	258	287	315	3,646
CpGenCap	2,313	2,158	2,049	2,341	2,256	2,358	2,408	2,102	2,054	1,675	2,210	2,366	26,289
USCF	292	292	281	312	314	292	276	272	235	216	252	317	3,352
PPP	9,220	8,811	8,680	8,516	7,783	8,691	8,980	7,362	7,896	7,002	7,720	8,432	99,093

*It is clarified that PPP is pass through for all the DISCOs and its monthly references would continue to exist irrespective of the financial year, unless the new SOT is revised and notified by the GOP*

**TERMS AND CONDITIONS OF TARIFF  
(FOR SUPPLY OF ELECTRIC POWER TO CONSUMERS BY DISTRIBUTION  
LICENSEES)**

**PART-I**

**GENERAL DEFINITIONS**

The Company, for the purposes of these terms and conditions means Peshawar Electric Supply Company (PESCO) engaged in the business of distribution of electricity within the territory mentioned in the licence granted to it for this purpose.

1. "Month or Billing Period", unless otherwise defined for any particular tariff category, means a billing month of 30 days or less reckoned from the date of last meter reading.
2. "Minimum Charge", means a charge to recover the costs for providing customer service to consumers even if no energy is consumed during the month.
3. "Fixed Charge" means the part of sale rate in a two-part tariff to be recovered on the basis of "Billing Demand" in kilowatt on monthly basis.
4. "Billing Demand" means the highest of maximum demand recorded in a month except in the case of agriculture tariff D2 where "Billing Demand" shall mean the sanctioned load.
5. "Variable Charge" means the sale rate per kilowatt-hour (kWh) as a single rate or part of a two-part tariff applicable to the actual kWh consumed by the consumer during a billing period.
6. "Maximum Demand" where applicable, means the maximum of the demand obtained in any month measured over successive periods each of 30 minutes' duration except in the case of consumption related to Arc Furnaces, where "Maximum Demand" shall mean the maximum of the demand obtained in any month measured over successive periods each of 15 minutes' duration.
7. "Sanctioned Load" where applicable means the load in kilowatt as applied for by the consumer and allowed/authorized by the Company for usage by the consumer.
8. "Power Factor" means the ratio of kWh to KVAh recorded during the month or the ratio of kWh to the square root of sum of square of kWh and kVARh.
9. Point of supply means metering point where electricity is delivered to the consumer.
10. Peak and Off Peak hours for the application of Time Of Use (TOU) Tariff shall be the following time periods in a day:

	<u>* PEAK TIMING</u>	<u>OFF-PEAK TIMING</u>
Dec to Feb (inclusive) day	5 PM to 9 PM	Remaining 20 hours of the
Mar to May (inclusive)	6 PM to 10 PM	-do-
June to Aug (inclusive)	7 PM to 11 PM	-do-
Sept to Nov (inclusive)	6 PM to 10 PM	-do-

\* To be duly adjusted in case of day light time saving

11. "Supply", means the supply for single-phase/three-phase appliances inclusive of both general and motive loads subject to the conditions that in case of connected or sanctioned load exceeding 4 kW supply shall be given at three-phase.
12. "Consumer" means a person or his successor-in-interest as defined under Section 2(iv) of the Regulation of Generation, Transmission and Distribution of Electric Power Act (XL of 1997).

13. "Charitable Institution" means an institution, which works for the general welfare of the public on no profit basis and is registered with the Federal or Provincial Government as such and has been issued tax exemption certificate by Federal Board of Revenue (FBR).
14. NTDC means the National Transmission and Dispatch Company.
15. CPPA(G) means Central Power Purchasing Agency Guarantee Limited (CPPA)(G).
16. The "Authority" means "The National Electric Power Regulatory Authority (NEPRA)" constituted under the Regulation of Generation, Transmission and Distribution of Electric Power Act (XL of 1997).

#### **GENERAL CONDITIONS**

1. "The Company shall render bills to the consumers on a monthly basis or less on the specific request of a consumer for payment by the due date.
2. The Company shall ensure that bills are delivered to consumers at least seven days before the due date. If any bill is not paid by the consumer in full within the due date, a Late Payment Charge of 10% (ten percent) shall be levied on the amount billed excluding Govt. tax and duties etc. In case bill is not served at least seven days before the due date then late payment surcharge will be levied after 7<sup>th</sup> day from the date of delivery of bill.
3. The supply provided to the consumers shall not be available for resale.
4. In the case of two-part tariff average Power Factor of a consumer at the point of supply shall not be less than 90%. In the event of the said Power factor falling below 90%, the consumer shall pay a penalty of two percent increase in the fixed charges determined with reference to maximum demand during the month corresponding to one percent decrease in the power factor below 90%.

## PART-II

(Definitions and Conditions for supply of power specific to each consumer category)

### A-1 RESIDENTIAL

#### Definition

"Life Line Consumer" means those residential consumers having single phase electric connection with a sanctioned load up to 1 kW.

At any point of time, if the floating average of last six months' consumption exceed 50 units, then the said consumer would not be classified as life line for the billing month even if its consumption is less than 50 units. For the purpose of calculating floating average, the consumption charged as detection billing would also be included.

1. This Tariff is applicable for supply to;
  - i) Residences,
  - ii) Places of worship,
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. A-1(a) tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and shall be billed on the basis of tariff A-1(b) as set out in the Schedule of Tariff.
4. All existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and converted to A- 1(b) Tariff by the Company.

### A-2 COMMERCIAL

1. This tariff is applicable for supply to commercial offices and commercial establishments such as:
  - i) Shops,
  - ii) Hotels and Restaurants,
  - iii) Petrol Pumps and Service Stations,
  - iv) Compressed Natural Gas filling stations,
  - v) Private Hospitals/Clinics/Dispensaries,
  - vi) Places of Entertainment, Cinemas, Theaters, Clubs;
  - vii) Guest Houses/Rest Houses,
  - viii) Office of Lawyers, Solicitors, Law Associates and Consultants etc.
2. Consumers under tariff A-2 having sanctioned load of less than 5 kW shall be billed under a Single-Part kWh rate A-2(a)
3. All existing consumers under tariff A-2 having sanctioned load 5 kW and above shall be billed on A-2(b) tariff till such time that they are provided T.O.U metering arrangement; thereafter such consumers shall be billed on T.O.U tariff A-2(c).
4. The existing and prospective consumers having load of 5 kW and above can opt for T.O.U metering arrangement and A-2(c) tariff.
5. All existing consumers under tariff A-2 shall be provided T.O.U metering arrangement by the Company and convert it to-A-2 (c) Tariff.
6. All new connections having load requirement 5 kW and above shall be provided T.O.U meters and shall be billed under tariff A-2(c).

### A-3 GENERAL SERVICES

1. This tariff is applicable to;

- i. Approved religious and charitable institutions
- ii. Government and Semi-Government offices and Institutions
- iii. Government Hospitals and dispensaries
- iv. Educational institutions
- v. Water Supply schemes including water pumps and tube wells operating on three phase 400 volts other than those meant for the irrigation or reclamation of Agriculture land.

1. Consumers under General Services (A-3) shall be billed on single-part kWh rate i.e. A-3(a) tariff.

## **B INDUSTRIAL SUPPLY**

### **Definitions**

1. "Industrial Supply" means the supply for bona fide industrial purposes in factories including the supply required for the offices and for normal working of the industry.
2. For the purposes of application of this tariff an "Industry" means a bona fide undertaking or establishment engaged in manufacturing, value addition and/or processing of goods.
3. This Tariff shall also be available for consumers having single-metering arrangement such as;
  - i) Poultry Farms
  - ii) Fish Hatcheries and Breeding Farms and
  - iii) Software houses

### **Conditions**

An industrial consumer shall have the option, to switch over to seasonal Tariff-F, provided his connection is seasonal in nature as defined under Tariff-F, and he undertakes to abide by the terms and conditions of Tariff-F and pays the difference of security deposit rates previously deposited and those applicable to tariff-F at the time of acceptance of option for seasonal tariff. Seasonal tariff will be applicable from the date of commencement of the season, as specified by the customers at the time of submitting the option for Tariff-F. Tariff-F consumers will have the option to convert to corresponding Regular Industrial Tariff category and vice versa. This option can be exercised at the time of obtaining a new connection or at the beginning of the season. Once exercised, the option will remain in force for at least one year.

### **B-1 SUPPLY AT 400 VOLTS THREEPHASE AND/OR 230 VOLTS SINGLE PHASE**

1. This tariff is applicable for supply to Industries having sanctioned load upto a 25 kW.
2. Consumers having sanctioned load less than 25 kW shall be billed on single-part kWh rate.
3. All existing consumers under tariff B-1 shall be provided T.O.U metering arrangement by the Company and convert it to-B1 (b) Tariff.

### **B-2 SUPPLY AT 400 VOLTS**

1. This tariff is applicable for supply to Industries having sanctioned load of more than 25 kW up to and including 500 kW.
2. All existing consumers under tariff B-2 shall be provided T.O.U metering arrangement by the Company and converted to B-2(b) Tariff.
3. All new applicants i.e. prospective consumers applying for service to the Company shall be provided T.O.U metering arrangement and charged according to the applicable T.O.U tariff.



### **B-3 SUPPLY AT 11 kV AND 33 kV**

1. This tariff is applicable for supply to Industries having sanctioned load of more than 500 kW up to and including 5000 kW and also for Industries having sanctioned load of 500 kW or below who opt for receiving supply at 11 kV or 33 kV.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. The supply under this Tariff shall not be available to a prospective consumer unless he provides, to the satisfaction and approval of the Company, his own Transformer, Circuit Breakers and other necessary equipment as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively pays to the Company for all apparatus and equipment if so provided and installed by the Company. The recovery of the cost of service connection shall be regulated by the NEPRA eligibility criteria.
4. All B-3 Industrial Consumers shall be billed on the basis of T.O.U tariff given in the Schedule of Tariff.

### **B-4 SUPPLY AT 66 kV, 132 kV AND ABOVE**

1. This tariff is applicable for supply to Industries for all loads of more than 5000 kW receiving supply at 66 kV, 132 kV and above and also for Industries having load of 5000 kW or below who opt to receive supply at 66 kV or 132 kV and above.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. If the Grid Station required for provision of supply falls within the purview of the dedicated system under the NEPRA Eligibility Criteria, the supply under this Tariff shall not be available to such a prospective consumer unless he provides, to the satisfaction and approval of the Company, an independent grid station of his own including Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively, pays to the Company for all such Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus if so provided and installed by the Company. The recovery of cost of service connection shall be regulated by NEPRA Eligibility Criteria.
4. All B-4 Industrial Consumers shall be billed on the basis of two-part T.O.U tariff.

## **C BULK SUPPLY**

"Bulk Supply" for the purpose of this Tariff, means the supply given at one point for self-consumption not selling to any other consumer such as residential, commercial, tube-well and others.

### **General Conditions**

If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days no notice will be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days the fixed charges shall be assessed on proportionate basis for actual number of days between the date of old reading and the new reading.

### **C-1 SUPPLY AT 400/230 VOLTS**

1. This Tariff is applicable to a consumer having a metering arrangement at 400 volts, having sanctioned load of up to and including 500 kW.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. C-1(a) tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and shall be billed on the basis of Time-of-Use (T.O.U) tariff C-1(c) given in the Schedule of Tariff.
4. All the existing consumers governed by this tariff having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements.

### **C-2 SUPPLY AT 11 kV AND 33 kV**

1. This tariff is applicable to consumers receiving supply at 11 kV or 33 kV at one-point metering arrangement and having sanctioned load of up to and including 5000 kW.
2. The supply under this Tariff shall not be available to a prospective consumer unless he provides, to the satisfaction and approval of the Company, his own Transformer, Circuit Breakers and other necessary equipment as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively pays to the Company for all apparatus and equipment if so provided and installed by the Company. The recovery of the cost of service connection shall be regulated by the NEPA eligibility criteria.
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff C-2(b) as set out in the Schedule of Tariff.
4. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to C-2(b).

### **C-3 SUPPLY AT 66 kV AND ABOVE**

1. This tariff is applicable to consumers having sanctioned load of more than 5000 kW receiving supply at 66 kV and above.
2. If the Grid Station required for provision of supply falls within the purview of the dedicated system under the NEPA Eligibility Criteria, the supply under this Tariff shall not be available to such a prospective consumer unless he provides, to the satisfaction and approval of the Company, an independent grid station of his own including Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively, pays to the Company for all such Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus if so provided and installed by the Company. The recovery of cost of service connection shall be regulated by NEPA Eligibility Criteria.
3. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to C-3(b).
4. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff C-3(b) as set out in the Schedule of Tariff.

## **D AGRICULTURAL SUPPLY**

“Agricultural Supply” means the supply for Lift Irrigation Pumps and/or pumps installed on Tube-wells intended solely for irrigation or reclamation of agricultural land or forests, and include supply for lighting of the tube-well chamber.

### **Special Conditions of Supply**

1. This tariff shall apply to:
  - i) Reclamation and Drainage Operation under Salinity Control and Reclamation Projects (SCARP):
  - ii) Bona fide forests, agricultural tube-wells and lift irrigation pumps for the irrigation of agricultural land.
  - iii) Tube-wells meant for aqua-culture, viz. fish farms, fish hatcheries and fish nurseries.
  - iv) Tube-wells installed in a dairy farm meant for cultivating crops as fodder and for upkeep of cattle.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. The lamps and fans consumption in the residential quarters, if any, attached to the tube-wells shall be charged entirely under Tariff A-1 for which separate metering arrangements should be installed.
4. The supply under this Tariff shall not be available to consumer using pumps for the irrigation of parks, meadows, gardens, orchards, attached to and forming part of the residential, commercial or industrial premises in which case the corresponding Tariff A-1, A-2 or Industrial Tariff B-1, B-2 shall be respectively applicable.

#### **D-1**

1. This tariff is applicable to all Reclamation and Drainage Operation pumping under SCARP related installation having sanctioned load of less than 5 kW.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. D-1(a) tariff given in the Schedule of Tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided TOU metering arrangement and shall be charged on the basis of Time-of- Use (T.O.U) tariff D-1(b) given in the Schedule of Tariff.
4. All the existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements and shall be governed by D-1(a) till that time.

#### **D-2**

1. This tariff is applicable to consumers falling under Agriculture Supply having sanctioned load less than 5 kW excluding SCARP related installations.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part,kWh rate i.e. D-2(a) tariff given in the Schedule of Tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided TOU metering arrangement and shall be charged on the basis of Time-of- Use (T.O.U) tariff D- 2(b) given in the Schedule of Tariff.
4. All the existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements and shall be governed by D-2(a) till that time.

### **E -1 TEMPORARY RESIDENTIAL/COMMERCIAL SUPPLY**

Temporary Residential/Commercial Supply means a supply given to persons temporarily on special occasions such as ceremonial, religious gatherings, festivals, fairs, marriages and other civil or military functions. This also includes supply to touring cinemas and persons engaged in construction works for all kinds of single phase loads. For connected load exceeding 4 kW, supply may be given at 400 volts (3 phase) to allow a balanced distribution of load on the 3 phases. Normally, temporary connections shall be allowed for a period of 3 months which can be extended on three months basis subject to clearance of outstanding dues.

#### **Special Conditions of Supply**

1. This tariff shall apply to Residential and Commercial consumers for temporary supply.
2. Ordinarily the supply under this Tariff shall not be given by the Company without first obtaining security equal to the anticipated supply charges and other miscellaneous charges for the period of temporary supply.

#### **E-2 TEMPORARY INDUSTRIAL SUPPLY**

"Temporary Industrial Supply" means the supply given to an Industry for the bonafide purposes mentioned under the respective definitions of "Industrial Supply", during the construction phase prior to the commercial operation of the Industrial concern.

#### **SPECIAL CONDITIONS OF SUPPLY**

1. Ordinarily the supply under this Tariff shall not be given by the Company without first obtaining security equal to the anticipated supply charges and other miscellaneous charges for the period of temporary supply.
2. Normally, temporary connections shall be allowed for a period of 3 months, which may be extended on three months basis subject to clearance of outstanding dues.

#### **F SEASONAL INDUSTRIAL SUPPLY**

"Seasonal Industry" for the purpose of application of this Tariff, means an industry which works only for part of the year to meet demand for goods or services arising during a particular season of the year. However, any seasonal industry running in combination with one or more seasonal industries, against one connection, in a manner that the former works in one season while the latter works in the other season (thus running throughout the year) will not be classified as a seasonal industry for the purpose of the application of this Tariff.

#### **Definitions**

1. "Year" means any period comprising twelve consecutive months.
2. All "Definitions" and "Special Conditions of Supply" as laid down under the corresponding Industrial Tariffs shall also form part of this Tariff so far as they may be relevant.

#### **Special Conditions of Supply**

1. This tariff is applicable to seasonal industry.
2. Fixed Charges per kilowatt per month under this tariff shall be levied at the rate of 125% of the corresponding regular Industrial Supply Tariff Rates and shall be recovered only for the period that the seasonal industry actually runs subject to minimum period of six consecutive months during any twelve consecutive months. The condition for recovery of Fixed Charges for a minimum period of six months shall not, however, apply to the seasonal industries, which are connected to the Company's Supply System for the first time during the course of a season.
3. The consumers falling within the purview of this Tariff shall have the option to change over to the corresponding industrial Supply Tariff, provided they undertake to abide by all the conditions and restrictions, which may, from time to time, be prescribed as an integral

part of those Tariffs. The consumers under this Tariff will have the option to convert to Regular Tariff and vice versa. This option can be exercised at the time of obtaining a new connection or at the beginning of the season. Once exercised, the option will remain in force for at least one year.

4. All seasonal loads shall be disconnected from the Company's Supply System at the end of the season, specified by the consumer at the time of getting connection, for which the supply is given. In case, however, a consumer requires running the non-seasonal part of his load (e.g., lights, fans, tube-wells, etc.) throughout the year, he shall have to bring out separate circuits for such load so as to enable installation of separate meters for each type of load and charging the same at the relevant Tariff.
5. Where a "Seasonal Supply" consumer does not come forward to have his seasonal industry re-connected with the Company's Supply System in any ensuing season, the service line and equipment belonging to the Company and installed at his premises shall be removed after expiry of 60 days of the date of commencement of season previously specified by the consumer at the time of his obtaining new connection/re-connection. However, at least ten clear days notice in writing under registered post shall be necessary to be given to the consumer before removal of service line and equipment from his premises as aforesaid, to enable him to decide about the retention of connection or otherwise. No Supply Charges shall be recovered from a disconnected seasonal consumer for any season during which he does not come forward to have his seasonal industry re-connected with the Company's Supply System.

## **G PUBLIC LIGHTING SUPPLY**

"Public Lighting Supply" means the supply for the purpose of illuminating public lamps.

### **Definitions**

"Month" means a calendar month or a part thereof in excess of 15 days.

### **Special Conditions of Supply**

The supply under this Tariff shall be used exclusively for public lighting installed on roads or premises used by General Public.

## **H RESIDENTIAL COLONIES ATTACHED TO INDUSTRIES**

This tariff is applicable for one-point supply to residential colonies attached to the industrial supply consumers having their own distribution facilities.

### **Definitions**

"One Point Supply" for the purpose of this Tariff, means the supply given by one point to Industrial Supply Consumers for general and domestic consumption in the residential colonies attached to their factory premises for a load of 5 Kilowatts and above. The purpose is further distribution to various persons residing in the attached residential colonies and also for perimeter lighting in the attached residential colonies.

"General and Domestic Consumption", for the purpose of this Tariff, means consumption for lamps, fans, domestic applications, including heated, cookers, radiators, air-conditioners, refrigerators and domestic tube-wells.

"Residential Colony" attached to the Industrial Supply Consumer, means a group of houses annexed with the factory premises constructed solely for residential purpose of the bonafide employees of the factory, the establishment or the factory owners or partners, etc.

### **Special Conditions of Supply**

The supply under this Tariff shall not be available to persons who meet a part of their requirements from a separate source of supply at their premises.

I. TRACTION

Supply under this tariff means supply of power in bulk to Railways for Railway traction only.

J. SPECIAL CONTRACTS UNDER NEPRA (SUPPLY OF POWER) REGULATIONS 2015

Supply for the purpose of this tariff means the supply given at one or more common delivery points;

- i. To a licensee procuring power from PESCO for the purpose of further supply within its respective service territory and jurisdiction.
- ii. To an O&M operator under the O&M Agreement within the meaning of NEPRA (Supply of Power) Regulations 2015 duly approved by the Authority for the purpose of further supply within the service territory and jurisdiction of the PESCO
- iii. To an Authorized agent within the meaning of NEPRA (Supply of Power) Regulations 2015, procuring power from the PESCO for further supply within the service territory and jurisdiction of the PESCO

J-1 SUPPLY TO LICENSEE

1. This tariff is applicable to a Licensee having sanctioned load of 20 MW and above receiving supply at 66 kV and above.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-1(b).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-1(b) as set out in the Schedule of Tariff.

SUPPLY UNDER O&M AGREEMENT

J-2 (a) SUPPLY AT 11 KV AND 33 KV

1. This tariff is applicable to an O&M operator receiving supply at 11 kV or 33 kV under the O&M Agreement duly approved by the Authority.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-2(c).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-2(c) as set out in the Schedule of Tariff.

J-2 (b) SUPPLY AT 66 KV AND ABOVE

1. This tariff is applicable to an O&M operator receiving supply at 66 kV & above under the O&M Agreement duly approved by the Authority.

2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-2(d).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-2(d) as set out in the Schedule of Tariff.

#### SUPPLY TO AUTHORIZED AGENT

##### J-3 (a) SUPPLY AT 11 KV AND 33 KV

1. This tariff is applicable to an authorized agent receiving supply at 11 kV or 33 kV.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-3(c).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-3(c) as set out in the Schedule of Tariff.

##### J-3 (b) SUPPLY AT 66 KV AND ABOVE

1. This tariff is applicable to an authorized agent receiving supply at 66 kV & above.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-3(d).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-3(d) as set out in the Schedule of Tariff.

#### K. SPECIAL CONTRACTS

Supply under this tariff means supply of power to Special Contracts, i.e. Government of Azad Jammu & Kashmir (AJK) at one point.

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[Tariff-2015-16]

  
(Syed Mateen Ahmed)  
Section Officer (Tariff)

Government of Pakistan  
Ministry of Energy  
\*\*\*\*\*

Islamabad, the 22<sup>nd</sup> March, 2018.

**NOTIFICATION**

S.R.O. 383 (I)/2018. - In pursuance of sub-section (4) & (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), and in supersession of its notification No. S.R.O. 575(I)2015, dated the June 10<sup>th</sup>, 2015, the Federal Government is pleased to notify the National Electric Power Regulatory Authority's in field determined Schedule Of Electricity Tariffs for the Tribal Area Electric Supply Company (TESCO), subject to and alongwith amount of subsidy and surcharges, with immediate effect, as attached herewith. The Order Dated August 03, 2017 and dated October 23, 2017 of the Authority at Annex-I and IA, Fuel Price Adjustment Mechanism and Quarterly/Biannual Adjustment Mechanism at Annex-II and IIA, TESCO Estimated Sales Revenue in field at Annex-III, TESCO Power Purchase Price at Annex-IV, the Terms and Conditions of Tariff (For Supply Of Electric Power To Consumers By Distribution Licensee) at Annex-V to this notification is notified, in respect of TESCO.

2. Provided that in pursuance of sub-section (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), the Federal Government is pleased to notify that there shall be levied with immediate effect a surcharge namely, "Tariff Rationalization Surcharge" at the rate mentioned against categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by TESCO, during each of the billing month, for maintaining uniform rates of electricity across the country for each of the consumer category. TESCO shall deposited the amount of Tariff Rationalization Surcharge in a Fund called the "Tariff Rationalization Fund" to be kept in the Escrow Account maintained at Central Power Purchasing Agency (Guarantee) Limited and utilized exclusively for discharging of determined cost of power producers. The Tariff Rationalization Surcharge shall be considered as a cost incurred by TESCO and included in the tariff determined by NEPRA.



3. Provided further that in pursuance of sub-section (5) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), the Federal Government is pleased to notify that there shall be levied with immediate effect a surcharge namely, "Financing Cost Surcharge" at the rate and categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by TESCO, during each of the billing month. TESCO shall deposited the amount of Financing Cost Surcharge in a Fund called the "Financing Cost Fund" to be kept in the Escrow Account maintained at Central Power Purchasing Agency (Guarantee) Limited for the exclusive use of discharging the financing cost of various loans obtained to discharge liabilities of power producers against the sovereign guarantees of the Government of Pakistan. The Financing Cost Surcharge shall be considered as a cost incurred by TESCO and included in the tariff determined by NEPRA.

4. Provided further that there shall be levied till the 30th June, 2018, Neelum-Jhelum Surcharge at the rate and categories of electricity consumers as specified in Schedule Of Electricity Tariff for electricity sold by TESCO, during each of the billing month and such surcharge shall be deposited in a Fund called the "Neelum-Jhelum Hydro Power Development Fund" to be kept in the Escrow Account of the Neelum-Jhelum Company for exclusive use for the Neelum-Jhelum Hydro Power Project.

**SCHEDULE OF ELECTRICITY TARIFFS**  
**FOR TRIBAL AREAS ELECTRIC SUPPLY COMPANY LIMITED (TRESCO)**

**A-1- GENERAL SUPPLY TARIFF- RESIDENTIAL**

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./h/W	FYA 2016 Rs./h/W	Write-off Charges Rs./h/W	FYA 2017 Rs./h/W	Total Variable Charges Rs./h/W	GoP Tariff Rationalisation		
								Subsidy		Surcharge
								FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./h/W	VARIABLE CHARGES Rs./h/W
a)	For Sanctioned load less than 5 kW	-	4.00	-	-	-	4.00	-	2.00	-
b)	Up to 80 Units	-	-	-	-	-	-	-	-	-
c)	For Consumption exceeding 80 Units	-	-	-	-	-	-	-	-	-
d)	901 - 100 Units	-	10.00	0.70	-	0.43	11.13	-	6.16	-
e)	101 - 200 Units	-	13.10	0.70	-	0.43	14.23	-	6.13	-
f)	201 - 300 Units	-	14.09	0.71	-	0.43	15.23	-	6.03	-
g)	301 - 700 Units	-	14.48	0.73	-	0.43	15.64	-	-	0.36
h)	Above 700 Units	-	15.29	0.71	-	0.43	16.43	-	-	1.37
i)	For Sanctioned load 5 kW & above	-	-	-	-	-	-	-	-	-
	Time Of Use	12.30	12.30	0.70	0.70	0.43	0.43	12.43	11.93	-
			Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak
			12.30	12.30	0.70	0.70	0.43	0.43	12.43	11.93

As per Authority's decision residential consumers will be given the benefits of only one previous slab.  
Under tariff A-1, there shall be minimum monthly customer charge at the following rates even if no energy is consumed.

a) Single Phase Connection

Rs. 75/- per consumer per month

b) Three Phase Connection

Rs. 100/- per consumer per month

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall move to next after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Under tariff A-2, there shall be minimum monthly charges at the following rates even if no energy is consumed.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./h/W	FYA 2016 Rs./h/W	Write-off Charges Rs./h/W	FYA 2017 Rs./h/W	Total Variable Charges Rs./h/W	GoP Tariff Rationalisation		
								Subsidy		Surcharge
								FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./h/W	VARIABLE CHARGES Rs./h/W
a)	For Sanctioned load less than 5 kW	-	12.30	0.70	-	0.43	13.43	-	-	1.37
b)	For Sanctioned load 5 kW & above	400.00	12.30	0.70	-	0.43	13.43	-	-	1.37
	Time Of Use	400.00	12.30	0.70	0.70	0.43	0.43	13.43	11.93	-
			Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak
			12.30	12.30	0.70	0.70	0.43	0.43	13.43	11.93

Under tariff A-2, there shall be minimum monthly charges at the following rates even if no energy is consumed.

a) Single Phase Connection

Rs. 175/- per consumer per month

b) Three Phase Connection

Rs. 200/- per consumer per month

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall move to next after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Under tariff A-3, there shall be minimum monthly charges at the following rates even if no energy is consumed.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./h/W	FYA 2016 Rs./h/W	Write-off Charges Rs./h/W	FYA 2017 Rs./h/W	Total Variable Charges Rs./h/W	GoP Tariff Rationalisation		
								Subsidy		Surcharge
								FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./h/W	VARIABLE CHARGES Rs./h/W
A)	General Services	-	15.10	0.70	-	0.43	16.23	-	-	1.48

Under tariff A-3, there shall be minimum monthly charges at the following rates even if no energy is consumed.

a) Single Phase Connection

Rs. 175/- per consumer per month

b) Three Phase Connection

Rs. 200/- per consumer per month

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall move to next after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Under tariff A-4, there shall be minimum monthly charges at the following rates even if no energy is consumed.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./h/W	FYA 2016 Rs./h/W	Write-off Charges Rs./h/W	FYA 2017 Rs./h/W	Total Variable Charges Rs./h/W	GoP Tariff Rationalisation		
								Subsidy		Surcharge
								FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./h/W	VARIABLE CHARGES Rs./h/W
B1	Up to 25 kW (at 400/230 Volts)	-	11.30	0.70	-	0.43	12.43	-	-	2.97
B2a)	Exceeding 25-500 kW (at 400 Volts)	400.00	10.80	0.70	-	0.43	11.93	-	-	2.97
	Time Of Use	-	12.30	0.70	0.70	0.43	0.43	12.43	11.93	-
B1 (M)	Up to 25 kW	-	12.30	0.70	-	0.43	13.43	-	-	1.37
B2b)	Exceeding 25-500 kW (at 400 Volts)	400.00	12.30	0.70	-	0.43	13.43	-	-	1.37
B3	For All Loads up to 5000 kW (at 11.33 kV)	360.00	12.30	0.70	-	0.43	13.43	-	-	1.37
B4	For All Loads (at 66, 132 kV & above)	360.00	12.30	0.70	-	0.43	13.43	-	-	1.37

For B1 consumers there shall be a fixed minimum charge of Rs. 200 per month.

For B2 consumers there shall be a fixed minimum charge of Rs. 2,000 per month.

For B3 consumers there shall be a fixed minimum charge of Rs. 50,000 per month.

For B4 consumers there shall be a fixed minimum charge of Rs. 50,000 per month.

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall move to next after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Under tariff A-5, there shall be minimum monthly charges at the following rates even if no energy is consumed.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./h/W	FYA 2016 Rs./h/W	Write-off Charges Rs./h/W	FYA 2017 Rs./h/W	Total Variable Charges Rs./h/W	GoP Tariff Rationalisation		
								Subsidy		Surcharge
								FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./h/W	VARIABLE CHARGES Rs./h/W
C-1	For supply at 400/230 Volts	-	11.30	0.70	-	0.43	12.43	-	-	2.97
a)	Sanctioned load less than 5 kW	-	11.30	0.70	-	0.43	12.43	-	-	2.97
C-2a)	Sanctioned load 5 kW & up to 500 kW	400.00	11.30	0.70	-	0.43	12.43	-	-	2.97
C-2b)	For supply at 11.33 kV up to and including 5000 kW	360.00	11.30	0.70	-	0.43	12.43	-	-	2.97
C-3a)	For supply at 66 kV & above and sanctioned load above 5000 kW	360.00	11.30	0.70	-	0.43	12.43	-	-	2.97
	Time Of Use	-	12.30	0.70	0.70	0.43	0.43	12.43	11.93	-
C-1b)	For supply at 400/230 Volts 5 kW & up to 500 kW	400.00	12.30	0.70	-	0.43	13.43	-	-	1.37
C-2b)	For supply at 11.33 kV up to and including 5000 kW	360.00	12.30	0.70	-	0.43	13.43	-	-	1.37
C-3b)	For supply at 66 kV & above and sanctioned load above 5000 kW	360.00	12.30	0.70	-	0.43	13.43	-	-	1.37

Note: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall move to next after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

**SCHEDULE OF ELECTRICITY TARIFFS  
FOR TRIBAL AREAS ELECTRIC SUPPLY COMPANY LIMITED (TRECOS)**

**D - AGRICULTURE TARIFF**

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./h/W/M	VARIABLE CHARGES Rs./h/W	PTA 2016 Rs./h/W	W/No-off Charges Rs./h/W	PTA 2017 Rs./h/W	Total Variable Charges Rs./h/W	G&P Tariff Rationalisation																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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D-1(a)	SCARP less than 5 kW	-	11.30	0.70	-	0.43	12.43																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

In addition to above mentioned subsidy on variable charges, the fixed charges applicable to private agriculture consumers under tariff D-2 and D-1 (b) is also picked by G&P as Subsidy.

Under this tariff, there shall be minimum monthly charges Rs.2000/- per connection per month, even if no energy is consumed.

Notes: The consumers having sanctioned load less than 5 kW can opt for TOU metering.

Notes: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./A/W/M	VARIABLE CHARGES Rs./A/W	PTA 2016 Rs./A/W	W/No-off Charges Rs./A/W	PTA 2017 Rs./A/W	Total Variable Charges Rs./A/W	G&P Tariff Rationalisation			
								Subsidy		Surcharge	
								FIXED CHARGES Rs./A/W/M	VARIABLE CHARGES Rs./A/W	FIXED CHARGES Rs./A/W	VARIABLE CHARGES Rs./A/W
E-1(a)	Residential Supply	-	16.30	0.70	-	0.43	16.43	-	-	-	0.43
E-1(b)	Commercial Supply	-	16.30	0.70	-	0.43	16.43	-	-	-	0.43
E-2	Industrial Supply	-	11.30	0.70	-	0.43	12.43	-	-	-	0.43

For the categories of E-1(b) and above, the minimum bill of the consumers shall be Rs. 50/- per day subject to a minimum of Rs.500/- for the entire period of supply, even if no energy is consumed.

Notes: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

**125% of relevant industrial tariff**

Notes: Tariff of consumers will have the option to convert to Regular Tariff and vice versa. This option can be exercised at the time of a new connection or at the beginning of the season. Once exercised, the option remains in force for at least one year.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./A/W/M	VARIABLE CHARGES Rs./A/W	PTA 2016 Rs./A/W	W/No-off Charges Rs./A/W	PTA 2017 Rs./A/W	Total Variable Charges Rs./A/W	G&P Tariff Rationalisation			
								Subsidy		Surcharge	
								FIXED CHARGES Rs./A/W/M	VARIABLE CHARGES Rs./A/W	FIXED CHARGES Rs./A/W	VARIABLE CHARGES Rs./A/W
	Street Lighting	-	11.30	0.70	-	0.43	12.43	-	-	-	0.43

Under Tariff D, there shall be a minimum monthly charge of Rs.500/- per month per kW of lamp capacity installed.

Notes: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs./A/W/M	VARIABLE CHARGES Rs./A/W	PTA 2016 Rs./A/W	W/No-off Charges Rs./A/W	PTA 2017 Rs./A/W	Total Variable Charges Rs./A/W	G&P Tariff Rationalisation			
								Subsidy		Surcharge	
								FIXED CHARGES Rs./A/W/M	VARIABLE CHARGES Rs./A/W	FIXED CHARGES Rs./A/W	VARIABLE CHARGES Rs./A/W
	Residential Colonies attached to industrial premises	-	11.30	0.78	-	0.43	12.43	-	-	-	0.43

Notes: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES Rs/A/W/M	VARIABLE CHARGES		PTA 2016		W/No-off Charges		PTA 2017		Total Variable Charges		G&P Tariff Rationalisation			
			Rs/A/W	Rs/A/W	Rs/A/W	Rs/A/W	Rs/A/W	Rs/A/W	Rs/A/W	Subsidy		Surcharge				
										FIXED Rs/A/W/M	VARIABLE Rs/A/W	FIXED Rs/A/W	VARIABLE Rs/A/W			
		A	B	C	D	E	F									
J-1	For supply at 66 kV & above and having sanctioned load of 300W & above	360.00	11.00	0.70	-	-	0.43	12.13								
J-2	(a) For supply at 11.32 kV	360.00	11.10	0.70	-	-	0.43	12.23								
	(b) For supply at 66 kV & above	360.00	11.00	0.70	-	-	0.43	12.13								
J-3	(a) For supply at 11.32 kV	360.00	11.11	0.70	-	-	0.43	12.23								
	(b) For supply at 66 kV & above	360.00	11.00	0.70	-	-	0.43	12.13								
J-1 (a)	Time Of Use		Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak
	For supply at 66 kV & above and having sanctioned load of 300W & above	360.00	16.30	16.66	0.71	0.70	-	-	0.43	0.43	16.43	11.43				
J-2 (a)	For supply at 11.32 kV	360.00	16.30	16.66	0.70	0.70	-	-	0.43	0.43	16.43	11.70				
	For supply at 66 kV & above	360.00	16.30	16.66	0.70	0.70	-	-	0.43	0.43	16.43	11.63				
J-3 (a)	For supply at 11.32 kV	360.00	16.30	16.66	0.70	0.70	-	-	0.43	0.43	16.43	11.73				
	For supply at 66 kV & above	360.00	16.30	16.66	0.70	0.70	-	-	0.43	0.43	16.43	11.66				

Notes: Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by a next notification.

Notes:

\* Fuel Cost Surcharge: at the rate of Rs. 0.18/kWh applicable on all electricity consumers except welfare domestic consumers of the category "Residential A-1" for electricity sold.

\* Financing Cost Surcharge: at the rate of Rs. 0.43/kWh applicable on all the electricity consumers except welfare domestic consumers of the category "Residential A-1" for electricity sold.

## ORDER

1. From what has been discussed above, the Authority hereby determines the tariff of the Petitioner Company for the Financial Year 2016-17 as under :-

- I. Tribal Areas Electricity Supply Company Limited (TESCO) is allowed to charge its consumers such tariff as set out in the schedule of tariff for TESCO annexed to the determination.
- II. The actual variation in fuel cost component of power purchase price against the reference fuel cost component shall be adjusted on monthly basis without taking into account the T&D losses. The monthly fuel price adjustment shall be based on the actual information submitted by CPPA (G), adjustment of remaining components of PPP will be adjusted biannually. Here it is pertinent to mention that while making biannual adjustments of the PPP, the Authority may rationalize the SoT accordingly.

- III. TESCO is allowed to charge the users of its system a "Use of system charge" (UOSC) equal to:

- i) Where only 132 kV system is involved

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.04)} \times AFI(T) \text{ Paisa / kWh}$$

- ii) Where only 11 kV distribution systems is involved.

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.05)} \times AFI(D) \text{ Paisa / kWh}$$

- iii) Where both 132 kV and 11 kV distribution systems are involved.

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.09)} \times AFI(TD) \text{ Paisa / kWh}$$

Where:

Gross Distribution Margin for FY 2016-17 is set at Rs.2.22/kWh (without excluding impact of other income)

'L' is the overall percentage loss assessment for the respective year.

AFI (T) = Adjustment factor for investment at 132 kV level i.e.51%

AFI (D) = Adjustment factor for investment at 11 kV level i.e. 28%.

AFI (TD) = Adjustment factor for investment at both 132 kV & 11 kV level i.e. 79%.

- IV. The residential consumers will be given the benefit of only one previous slab.
- V. T&D losses target of 18.90% has been assessed for TESCO for the FY 2016-17.
- VI. Total investment of Rs.971 million has been approved.
- VII. The Order part, Annex-I, II, III, IV, V, VI, VII and VIII annexed with determination is intimated to the Federal Government for notification in the official gazette under Section 31(4) of the NEPRA Act.
- VIII. The Authority hereby determines and approves the following component wise cost and their adjustments mechanism in the matter of TESCO's tariff petition for the FY 2016-17.

TARIFF COMPONENT	Assessed Cost FY 2016-17	ADJUSTMENTS/ ASSESSMENT	TIME LINES
POWER PURCHASE PRICE			
Energy Purchase Price			
Fuel Cost	8,030	Monthly, as per the approved mechanism.	Data to be provided by CPPA (G) by 3 <sup>rd</sup> of close of the month
Variable O&M	444	Biannually, as per the approved mechanism.	Request to be furnished by the Petitioner not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
Capacity Charges	4,299	Biannually, as per the approved mechanism.	Request to be furnished by the Petitioner not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
Use of System Charges	547	Biannually, as per the approved mechanism.	Request to be furnished by the Petitioner not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
Market Operator Fee (MoF)	10	Biannually, as per the approved mechanism.	Request to be furnished by the Petitioner not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
T&D Losses	18.90%	Biannually, as per the approved mechanism.	Request to be furnished by the Petitioner not later than 10 <sup>th</sup> July and 10 <sup>th</sup> January, as the case may be.
NET DISTRIBUTION MARGIN	2,212		
O&M Cost			
Salaries, wages & other benefits	563	Annually	On the basis of next year tariff petition.

Post-Retirement benefits	150	----do----	----do----
Repair and Maintenance	27	----do----	----do----
Other operating expenses(Including wheeling charges)	1,383	----do----	----do----
Depreciation	213	----do----	----do----
Return on Rate Base	241	----do----	----do----
Other Income	(364)	----do----	----do----
Prior Year Adjustment	809	----do----	----do----

## Order

- I. Based on the above assessment, the Authority hereby determines the following adjustments on account of PPP (including impact of T&D losses on FCA) and Prior Year Adjustments for the FY 2016-17;

		FY 2016-17
Description		TESCO
		Mln.Rs.
<b>A: Power Purchase Price (PPP) Adjustment</b>		
	PPP cost billed by CPPA-G	13,840
Less ;	PPP cost disallowed by the Authority	(220)
	Net PPP cost to be charged to consumers	13,620
Less ;	PPP Recovered through notified Tariff	13,121
	Under recovered PPP Cost, to be recovered from to the consumers	499
<b>B: Prior Year Adjustment (PYA)</b>		
	PYA to be recovered / (passed on) as per determination August 03, 2017	809
Less :	PYA recovered / (Passed on) during FY 2016-17	-
	Under Recovered PYA, to be recovered from the consumers	809
<b>C: Impact of Negative Monthly FCA's</b>		
	Negative FCA Retained ( Life Line, Agri and Domestic Consumers upto 300 units)	(1,832)
Less ;	Net Subsidy, if any	5,378
	FCA amount to be passed on to the consumers	-
	<b>Total Adjustment = A+B+C</b>	<b>1,308</b>

- II. The PYA amount of Rs.809 million already built in the TESCO's tariff as per the Authority's decision dated August 03, 2017, shall be replaced with the aforementioned amount of Rs.1,308 million, thus, resulting in an overall adjustment of Rs.499 million in the consumer-end tariff of TESCO.
- III. After incorporating the above amount in the Authority's determination dated August 03, 2017, in the matter of the consumer end tariff of TESCO for the FY 2016-17, the Estimated Sales Revenue and Schedule of Tariff (SoT) have been revised and are attached as Annex-II and Annex-III respectively to this decision, which will supersede the earlier estimated sales revenue and SoT attached with the Authority's determination dated August 03, 2017, for TESCO. Remaining annexures would remain the same.

- IV. Tariff under Column A and F of Annex-III shall remain applicable for one year from the date of notification. Column C, D, E and F of Annex-III shall cease to exist after one year and only Column A and B of Annex-III shall remain applicable, till the same is superseded by next notification.
- V. The Authority in its redetermination dated September 18, 2017, in the matter of the GoP's reconsideration request regarding XWDISCOs, except TESCO & QESCO (as no reconsideration request was submitted by the GoP in the matter of TESCO), prescribed a mechanism for calculation of the quarterly/ biannual adjustments which shall also be applicable to TESCO. The same is attached as Annex-IA with the instant decision of TESCO.



**FUEL PRICE ADJUSTMENT MECHANISM**

Actual variation in fuel cost component against the reference fuel cost component for the corresponding months will be determined according to the following formula

$$\text{Fuel Price variation} = \text{Actual Fuel Cost Component} - \text{Reference Fuel Cost Component}$$

Where:

Fuel Price variation is the difference between actual and reference fuel cost component

Actual fuel cost component is the fuel cost component in the pool price on which the DISCOs will be charged by CPPA in a particular month; and

Reference fuel cost component is the fuel cost component for the corresponding month projected for the purpose of tariff determination as per Annex-IV of the determination;

The fuel price adjustment determined by the Authority shall be shown separately in the bill of the consumer and the billing impact shall be worked out on the basis of consumption by the consumer in the respective month.

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QUARTERLY/BIANNUAL ADJUSTMENT MECHANISM

Quarterly/ Biannual adjustment shall be the Actual variation in Power Purchase Price (PPP), excluding Fuel Cost Component, against the reference Power Purchase Price component and the impact of T&D losses on FCA, for the corresponding months and shall be determined according to the following formula;

$$\text{Quarterly/Biannual PPP}_{(Adj)} = \frac{\text{PPP}_{(Act)} (\text{excluding FCC}) - \text{PPP}_{(Ref)} (\text{excluding FCC})}{(1 - \text{T\&D Loss \%}) - (\text{Life line Consumption \%})}$$

Where;

$\text{PPP}_{(Act)}$  is the actual cost in Rs./kWh, excluding FCC, invoiced by CPPA-G to XWDISCOs, adjusted for any cost disallowed by the Authority.

$\text{PPP}_{(Ref)}$  is the reference cost in Rs./kWh as per the Annex-IV of the XWDISCOs determination that remained notified during the period.

T&D Loss % is percentage of T&D losses that remained notified during the period.

Quarterly/Biannual impact of T&D losses on FCA<sub>(Adj)</sub>

$$= \left[ \frac{\text{FCA}_{(Allowed)}}{(1 - \text{T\&D Loss \%}) - (\text{Life line Consumption \%})} \right] \times \text{FCA}_{(Allowed)}$$

Where;

$\text{FCA}_{(allowed)}$  is the FCA allowed by the Authority for the respective months of the concerned period.

T&D Loss % is percentage of T&D losses that remained notified during the period.

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**TRIBAL AREAS ELECTRICITY SUPPLY COMPANY LIMITED (TESCO)**  
**Estimated Sales Revenue on the Basis of New Tariff**

Ann

Description	Sales		Revenue			Base Tariff		PYA 2016		Write off		PYA 2017		Total Tariff	
	GWh	% Mix	Fixed Charge	Variable	Total	Fixed Charge	Variable	Amount	Variable	Amount	Variable	Amount	Variable	Fixed	Variable
			Min. Rs.	Min. Rs.		Rs/kWh M	Rs/kWh	Min. Rs.	Rs/kWh	Min. Rs.	Rs/kWh	Min. Rs.	Rs/kWh	Rs/kWh M	Rs/kWh
<b>Residential</b>															
Up to 50 Units	11	0.93%	-	43	43	-	4.00	-	-	-	-	-	-	-	-
Or peak load requirement less than 5 kW															
01-100 Units	247	21.28%	-	2,873	2,873	-	10.80	173	0.70	-	-	108	0.43	-	-
101-200 Units	139	11.91%	-	1,815	1,815	-	13.10	97	0.70	-	-	60	0.43	-	-
201-300 Units	220	18.88%	-	3,094	3,094	-	14.09	158	0.71	-	-	94	0.43	-	-
301-700 Units	251	21.60%	-	3,638	3,638	-	14.48	181	0.72	-	-	108	0.42	-	-
Above 700 Units	125	10.72%	-	1,908	1,908	-	15.29	88	0.71	-	-	54	0.43	-	-
Or peak load requirement exceeding 5 kW)															
Time of Use (TOU) - Peak	0	0.00%	-	-	-	-	15.30	-	0.70	-	-	-	0.43	-	-
Time of Use (TOU) - Off-Peak	0	0.00%	-	1	1	-	10.80	0	0.70	-	-	0	0.43	-	-
Temporary Supply	0	0.00%	-	0	0	-	15.30	0	0.70	-	-	0	0.43	-	-
<b>Total Residential</b>	<b>992</b>	<b>85.31%</b>	<b>-</b>	<b>13,169</b>	<b>13,169</b>	<b>-</b>	<b>696</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>420</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Commercial - A2</b>															
peak load requirement less than 5 kW	7	0.57%	-	102	102	-	15.30	5	0.70	-	-	3	0.43	-	-
peak load requirement exceeding 5 kW															
Regular	0	0.00%	-	-	-	400	13.30	-	0.70	-	-	-	0.43	400	-
Time of Use (TOU) - Peak	0	0.00%	-	-	-	-	15.30	-	0.70	-	-	-	0.43	-	-
Time of Use (TOU) - Off-Peak	0	0.00%	0	0	0	400	10.80	0	0.70	-	-	0	0.43	400	-
Temporary Supply	0	0.00%	-	-	-	-	15.30	-	0.70	-	-	-	0.43	-	-
<b>Total Commercial</b>	<b>7</b>	<b>0.57%</b>	<b>0</b>	<b>102</b>	<b>102</b>	<b>-</b>	<b>5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Industrial Services-A3</b>	<b>35</b>	<b>3.00%</b>	<b>-</b>	<b>527</b>	<b>527</b>	<b>-</b>	<b>15.10</b>	<b>24</b>	<b>0.70</b>	<b>-</b>	<b>-</b>	<b>15</b>	<b>0.43</b>	<b>-</b>	<b>-</b>
<b>Industrial</b>															
B1	11	0.92%	-	120	120	-	11.30	7	0.70	-	-	5	0.43	-	-
B1 Peak	0	0.00%	-	-	-	-	15.30	-	0.70	-	-	-	0.43	-	-
B1 Off Peak	0	0.00%	-	-	-	-	10.80	-	0.70	-	-	-	0.43	-	-
B2	15	1.29%	27	182	189	400	10.80	10	0.70	-	-	8	0.43	400	-
B2 - TOU (Peak)	0	0.00%	-	-	-	-	15.30	-	0.70	-	-	-	0.43	-	-
B2 - TOU (Off-peak)	0	0.00%	-	-	-	400	10.80	-	0.70	-	-	-	0.43	400	-
B3 - TOU (Peak)	13	1.16%	-	206	206	-	15.30	9	0.70	-	-	8	0.43	-	-
B3 - TOU (Off-peak)	27	2.35%	45	288	333	380	10.50	19	0.70	-	-	12	0.43	380	-
B4 - TOU (Peak)	0	0.00%	-	-	-	-	15.30	-	0.70	-	-	-	0.43	-	-
B4 - TOU (Off-peak)	0	0.00%	-	-	-	380	10.40	-	0.70	-	-	-	0.43	380	-
Temporary Supply	0	0.00%	-	0	0	-	11.30	0	0.70	-	-	0	0.43	-	-
<b>Total Industrial</b>	<b>66</b>	<b>5.72%</b>	<b>72</b>	<b>778</b>	<b>848</b>	<b>-</b>	<b>47</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>29</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Single Point Supply for further distribution</b>															
C1(a) Supply at 400 Volts-less than 5 kW	1	0.07%	-	9	9	-	11.80	1	0.70	-	-	0	0.43	-	-
C1(b) Supply at 400 Volts-exceeding 5 kW	7	0.61%	12	80	93	400	11.30	5	0.70	-	-	3	0.43	400	-
Time of Use (TOU) - Peak	0	0.00%	-	-	-	-	15.30	-	0.70	-	-	-	0.43	-	-
Time of Use (TOU) - Off-Peak	0	0.00%	-	-	-	400	10.80	-	0.70	-	-	-	0.43	400	-
C2 Supply at 11 kV	0	0.00%	-	-	-	380	11.10	-	0.70	-	-	-	0.43	380	-
Time of Use (TOU) - Peak	0	0.00%	-	-	-	-	15.30	-	0.70	-	-	-	0.43	-	-
Time of Use (TOU) - Off-Peak	0	0.00%	-	-	-	380	10.80	-	0.70	-	-	-	0.43	380	-
C3 Supply above 11 kV	0	0.00%	-	-	-	380	11.00	-	0.70	-	-	-	0.43	380	-
Time of Use (TOU) - Peak	0	0.00%	-	-	-	-	15.30	-	0.70	-	-	-	0.43	-	-
Time of Use (TOU) - Off-Peak	0	0.00%	-	-	-	360	10.50	-	0.70	-	-	-	0.43	360	-
<b>Total Single Point Supply</b>	<b>8</b>	<b>0.68%</b>	<b>12</b>	<b>90</b>	<b>102</b>	<b>-</b>	<b>6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Agricultural Tube-wells - Tariff D</b>															
Scarp	0	0.00%	-	-	-	-	11.30	-	0.70	-	-	-	0.43	-	-
Time of Use (TOU) - Peak	8	0.68%	-	117	117	-	15.30	5	0.70	-	-	3	0.43	-	-
Time of Use (TOU) - Off-Peak	8	0.68%	25	80	105	200	10.50	5	0.70	-	-	3	0.43	200	-
Agricultural Tube-wells	0	0.00%	-	-	-	200	10.80	-	0.70	-	-	-	0.43	200	-
Time of Use (TOU) - Peak	20	1.70%	-	302	302	-	15.30	14	0.70	-	-	8	0.43	-	-
Time of Use (TOU) - Off-Peak	20	1.70%	64	207	271	200	10.50	14	0.70	-	-	8	0.43	200	-
<b>Total Agricultural</b>	<b>55</b>	<b>4.71%</b>	<b>88</b>	<b>707</b>	<b>795</b>	<b>-</b>	<b>38</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>24</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Public Lighting - Tariff G</b>	<b>0</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>11.30</b>	<b>-</b>	<b>0.70</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.43</b>	<b>-</b>	<b>-</b>
<b>Tariff I - Railway Traction</b>	<b>0</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Sub-Total</b>	<b>-</b>	<b>0.00%</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Special Contract - Tariff-J</b>															
J-1 For Supply at 66 kV & above	-	0.00%	-	-	-	380	11.00	-	0.70	-	-	-	0.43	380	-
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	15.30	-	0.70	-	-	-	0.43	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	380	10.50	-	0.70	-	-	-	0.43	380	-
J-2 (a) For Supply at 11, 33 kV	-	0.00%	-	-	-	380	11.10	-	0.70	-	-	-	0.43	380	-
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	15.30	-	0.70	-	-	-	0.43	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	380	10.80	-	0.70	-	-	-	0.43	380	-
J-2 (b) For Supply at 66 kV & above	-	0.00%	-	-	-	380	11.00	-	0.70	-	-	-	0.43	380	-
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	15.30	-	0.70	-	-	-	0.43	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	380	10.50	-	0.70	-	-	-	0.43	380	-
J-3 (a) For Supply at 11, 33 kV	-	0.00%	-	-	-	380	11.10	-	0.70	-	-	-	0.43	380	-
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	15.30	-	0.70	-	-	-	0.43	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	380	10.80	-	0.70	-	-	-	0.43	380	-
J-3 (b) For Supply at 66 kV & above	-	0.00%	-	-	-	380	11.00	-	0.70	-	-	-	0.43	380	-
Time of Use (TOU) - Peak	-	0.00%	-	-	-	-	15.30	-	0.70	-	-	-	0.43	-	-
Time of Use (TOU) - Off-Peak	-	0.00%	-	-	-	360	10.50	-	0.70	-	-	-	0.43	360	-
<b>Total Revenue</b>	<b>1,163</b>	<b>100%</b>	<b>173</b>	<b>15,370</b>	<b>15,542</b>	<b>-</b>	<b>809</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>499</b>	<b>-</b>	<b>-</b>	<b>-</b>

Tariff mentioned under Column "Total Tariff" shall remain applicable for a period of one year from the date of notification. After one year PYA 2018, Write-off and PYA 2017 shall cease to exist and only tariff mentioned under Column "Total Tariff" shall remain applicable.

## TESCO Power Purchase Price

Name	July	August	September	October	November	December	January	February	March	April	May	June	Total
Units Purchased by DISCOs (GWh)	115	108	126	145	155	127	109	128	114	104	99	104	1,434

Fuel Cost Component	July	August	September	October	November	December	January	February	March	April	May	June	Total
Fuel Cost Component	4.9811	4.7552	5.1217	5.2366	5.0497	5.8619	7.1241	5.7493	6.6429	6.7227	5.2908	4.9927	5.5993
Variable O & M	0.2727	0.2678	0.2825	0.2891	0.2916	0.3337	0.3711	0.3234	0.3467	0.3577	0.3050	0.2891	0.3097
CpGenCap	2.6935	3.0859	2.7366	2.3140	2.4876	2.7641	3.6217	3.2768	3.9221	3.4379	3.4336	2.6871	2.9973
USCF	0.3402	0.4169	0.3756	0.3085	0.3463	0.3422	0.4157	0.4238	0.4487	0.4439	0.3922	0.3603	0.3811
Total PPP in Rs. /kWh	8.2875	8.5257	8.5163	8.1482	8.1753	9.3018	11.5327	9.7734	11.3603	10.9621	9.4216	8.3292	9.2874

Rs In Million

Fuel Cost Component	July	August	September	October	November	December	January	February	March	April	May	June	Total
Fuel Cost Component	575	514	646	759	785	742	779	735	757	696	525	517	8,030
Variable O & M	31	29	36	42	45	42	41	41	40	37	30	30	444
CpGenCap	311	334	345	335	387	350	396	419	447	356	340	278	4,299
USCF	39	45	47	45	54	43	45	54	51	46	39	37	547
PPP	957	922	1,075	1,181	1,271	1,178	1,262	1,249	1,295	1,135	934	863	13,320

It is clarified that PPP is pass through for all the DISCOs and its monthly references would continue to exist irrespective of the financial year, unless the new SOT is revised and notified by the GOP

**TERMS AND CONDITIONS OF TARIFF  
(FOR SUPPLY OF ELECTRIC POWER TO CONSUMERS BY DISTRIBUTION  
LICENSEES)**

**PART-I**

**GENERAL DEFINITIONS**

The Company, for the purposes of these terms and conditions means Tribal Areas Electricity Supply Company Limited (TESCO) engaged in the business of distribution of electricity within the territory mentioned in the licence granted to it for this purpose.

1. "Month or Billing Period", unless otherwise defined for any particular tariff category, means a billing month of 30 days or less reckoned from the date of last meter reading.
2. "Minimum Charge", means a charge to recover the costs for providing customer service to consumers even if no energy is consumed during the month.
3. "Fixed Charge" means the part of sale rate in a two-part tariff to be recovered on the basis of "Billing Demand" in kilowatt on monthly basis.
4. "Billing Demand" means the highest of maximum demand recorded in a month except in the case of agriculture tariff D2 where "Billing Demand" shall mean the sanctioned load.
5. "Variable Charge" means the sale rate per kilowatt-hour (kWh) as a single rate or part of a two-part tariff applicable to the actual kWh consumed by the consumer during a billing period.
6. "Maximum Demand" where applicable, means the maximum of the demand obtained in any month measured over successive periods each of 30 minutes' duration except in the case of consumption related to Arc Furnaces, where "Maximum Demand" shall mean the maximum of the demand obtained in any month measured over successive periods each of 15 minutes' duration.
7. "Sanctioned Load" where applicable means the load in kilowatt as applied for by the consumer and allowed/authorized by the Company for usage by the consumer.
8. "Power Factor" means the ratio of kWh to KVAh recorded during the month or the ratio of kWh to the square root of sum of square of kWh and kVARh.
9. Point of supply means metering point where electricity is delivered to the consumer.
10. Peak and Off Peak hours for the application of Time Of Use (TOU) Tariff shall be the following time periods in a day:

	<u>* PEAK TIMING</u>	<u>OFF-PEAK TIMING</u>
Dec to Feb (inclusive) day	5 PM to 9 PM	Remaining 20 hours of the
Mar to May (inclusive)	6 PM to 10 PM	-do-
June to Aug (inclusive)	7 PM to 11 PM	-do-
Sept to Nov (inclusive)	6 PM to 10 PM	-do-

\* To be duly adjusted in case of day light time saving

11. "Supply", means the supply for single-phase/three-phase appliances inclusive of both general and motive loads subject to the conditions that in case of connected or sanctioned load exceeding 4 kW supply shall be given at three-phase.

12. "Consumer" means a person or his successor-in-interest as defined under Section 2(iv) of the Regulation of Generation, Transmission and Distribution of Electric Power Act (XL of 1997).
13. "Charitable Institution" means an institution, which works for the general welfare of the public on no profit basis and is registered with the Federal or Provincial Government as such and has been issued tax exemption certificate by Federal Board of Revenue (FBR).
14. NTDC means the National Transmission and Dispatch Company.
15. CPPA(G) means Central Power Purchasing Agency Guarantee Limited (CPPA)(G).
16. The "Authority" means "The National Electric Power Regulatory Authority (NEPRA)" constituted under the Regulation of Generation, Transmission and Distribution of Electric Power Act (XL of 1997).

#### GENERAL CONDITIONS

1. "The Company shall render bills to the consumers on a monthly basis or less on the specific request of a consumer for payment by the due date.
2. The Company shall ensure that bills are delivered to consumers at least seven days before the due date. If any bill is not paid by the consumer in full within the due date, a Late Payment Charge of 10% (ten percent) shall be levied on the amount billed excluding Govt. tax and duties etc. In case bill is not served at least seven days before the due date then late payment surcharge will be levied after 7<sup>th</sup> day from the date of delivery of bill.
3. The supply provided to the consumers shall not be available for resale.
4. In the case of two-part tariff average Power Factor of a consumer at the point of supply shall not be less than 90%. In the event of the said Power factor falling below 90%, the consumer shall pay a penalty of two percent increase in the fixed charges determined with reference to maximum demand during the month corresponding to one percent decrease in the power factor below 90%.

## PART-II

(Definitions and Conditions for supply of power specific to each consumer category)

### A-1 RESIDENTIAL

#### Definition

"Life Line Consumer" means those residential consumers having single phase electric connection with a sanctioned load up to 1 kW.

At any point of time, if the floating average of last six months' consumption exceed 50 units, then the said consumer would not be classified as life line for the billing month even if its consumption is less than 50 units. For the purpose of calculating floating average, the consumption charged as detection billing would also be included.

1. This Tariff is applicable for supply to;
  - i) Residences,
  - ii) Places of worship.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. A-1(a) tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and shall be billed on the basis of tariff A-1(b) as set out in the Schedule of Tariff.
4. All existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and converted to A- 1(b) Tariff by the Company.

### A-2 COMMERCIAL

1. This tariff is applicable for supply to commercial offices and commercial establishments such as:
  - i) Shops,
  - ii) Hotels and Restaurants,
  - iii) Petrol Pumps and Service Stations,
  - iv) Compressed Natural Gas filling stations,
  - v) Private Hospitals/Clinics/Dispensaries,
  - vi) Places of Entertainment, Cinemas, Theaters, Clubs;
  - vii) Guest Houses/Rest Houses,
  - viii) Office of Lawyers, Solicitors, Law Associates and Consultants etc.
2. Consumers under tariff A-2 having sanctioned load of less than 5 kW shall be billed under a Single-Part kWh rate A-2(a)
3. All existing consumers under tariff A-2 having sanctioned load 5 kW and above shall be billed on A-2(b) tariff till such time that they are provided T.O.U metering arrangement; thereafter such consumers shall be billed on T.O.U tariff A-2(c).
4. The existing and prospective consumers having load of 5 kW and above can opt for T.O.U metering arrangement and A-2(c) tariff.
5. All existing consumers under tariff A-2 shall be provided T.O.U metering arrangement by the Company and convert it to-A-2 (c) Tariff.
6. All new connections having load requirement 5 kW and above shall be provided T.O.U meters and shall be billed under tariff A-2(c).

### **A-3 GENERAL SERVICES**

- I. This tariff is applicable to:
  - i. Approved religious and charitable institutions
  - ii. Government and Semi-Government offices and Institutions
  - iii. Government Hospitals and dispensaries
  - iv. Educational institutions
  - v. Water Supply schemes including water pumps and tube wells operating on three phase 400 volts other than those meant for the irrigation or reclamation of Agriculture land.
1. Consumers under General Services (A-3) shall be billed on single-part kWh rate i.e. A-3(a) tariff.

### **B INDUSTRIAL SUPPLY**

#### **Definitions**

1. "Industrial Supply" means the supply for bona fide industrial purposes in factories including the supply required for the offices and for normal working of the industry.
2. For the purposes of application of this tariff an "Industry" means a bona fide undertaking or establishment engaged in manufacturing, value addition and/or processing of goods.
3. This Tariff shall also be available for consumers having single-metering arrangement such as;
  - i) Poultry Farms
  - ii) Fish Hatcheries and Breeding Farms and
  - iii) Software houses

#### **Conditions**

An industrial consumer shall have the option, to switch over to Seasonal Tariff-F, provided his connection is seasonal in nature as defined under Tariff-F, and he undertakes to abide by the terms and conditions of Tariff-F and pays the difference of security deposit rates previously deposited and those applicable to tariff-F at the time of acceptance of option for seasonal tariff. Seasonal tariff will be applicable from the date of commencement of the season, as specified by the customers at the time of submitting the option for Tariff-F. Tariff-F consumers will have the option to convert to corresponding Regular Industrial Tariff category and vice versa. This option can be exercised at the time of obtaining a new connection or at the beginning of the season. Once exercised, the option will remain in force for at least one year.

#### **B-1 SUPPLY AT 400 VOLTS THREEPHASE AND/OR 230 VOLTS SINGLE PHASE**

1. This tariff is applicable for supply to Industries having sanctioned load upto a 25 kW.
2. Consumers having sanctioned load less than 25 kW shall be billed on single-part kWh rate.
3. All existing consumers under tariff B-1 shall be provided T.O.U metering arrangement by the Company and convert it to-B1 (b) Tariff.

#### **B-2 SUPPLY AT 400 VOLTS**

1. This tariff is applicable for supply to Industries having sanctioned load of more than 25 kW up to and including 500 kW.



2. All existing consumers under tariff B-2 shall be provided T.O.U metering arrangement by the Company and converted to B-2(b) Tariff.
3. All new applicants i.e. prospective consumers applying for service to the Company shall be provided T.O.U metering arrangement and charged according to the applicable T.O.U tariff.

#### **B-3 SUPPLY AT 11 kV AND 33 kV**

1. This tariff is applicable for supply to Industries having sanctioned load of more than 500 kW up to and including 5000 kW and also for Industries having sanctioned load of 500 kW or below who opt for receiving supply at 11 kV or 33 kV.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. The supply under this Tariff shall not be available to a prospective consumer unless he provides, to the satisfaction and approval of the Company, his own Transformer, Circuit Breakers and other necessary equipment as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively pays to the Company for all apparatus and equipment if so provided and installed by the Company. The recovery of the cost of service connection shall be regulated by the NEPRA eligibility criteria.
4. All B-3 Industrial Consumers shall be billed on the basis of T.O.U tariff given in the Schedule of Tariff.

#### **B-4 SUPPLY AT 66 kV, 132 kV AND ABOVE**

1. This tariff is applicable for supply to Industries for all loads of more than 5000 kW receiving supply at 66 kV, 132 kV and above and also for Industries having load of 5000 kW or below who opt to receive supply at 66 kV or 132 kV and above.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. If the Grid Station required for provision of supply falls within the purview of the dedicated system under the NEPRA Eligibility Criteria, the supply under this Tariff shall not be available to such a prospective consumer unless he provides, to the satisfaction and approval of the Company, an independent grid station of his own including Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively, pays to the Company for all such Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus if so provided and installed by the Company. The recovery of cost of service connection shall be regulated by NEPRA Eligibility Criteria.
4. All B-4 Industrial Consumers shall be billed on the basis of two-part T.O.U tariff.

## **C BULK SUPPLY**

"Bulk Supply" for the purpose of this Tariff, means the supply given at one point for self-consumption not selling to any other consumer such as residential, commercial, tube-well and others.

### **General Conditions**

If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days no notice will be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days the fixed charges shall be assessed on proportionate basis for actual number of days between the date of old reading and the new reading.

### **C-1 SUPPLY AT 400/230 VOLTS**

1. This Tariff is applicable to a consumer having a metering arrangement at 400 volts, having sanctioned load of up to and including 500 kW.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. C-1(a) tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangement and shall be billed on the basis of Time-of-Use (T.O.U) tariff C-1(c) given in the Schedule of Tariff.
4. All the existing consumers governed by this tariff having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements.

### **C-2 SUPPLY AT 11 kV AND 33 kV**

1. This tariff is applicable to consumers receiving supply at 11 kV or 33 kV at one-point metering arrangement and having sanctioned load of up to and including 5000 kW.
2. The supply under this Tariff shall not be available to a prospective consumer unless he provides, to the satisfaction and approval of the Company, his own Transformer, Circuit Breakers and other necessary equipment as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively pays to the Company for all apparatus and equipment if so provided and installed by the Company. The recovery of the cost of service connection shall be regulated by the NEPRA eligibility criteria.
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff C-2(b) as set out in the Schedule of Tariff.
4. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to C-2(b).

### **C-3 SUPPLY AT 66 kV AND ABOVE**

1. This tariff is applicable to consumers having sanctioned load of more than 5000 kW receiving supply at 66 kV and above.
2. If the Grid Station required for provision of supply falls within the purview of the dedicated system under the NEPRA Eligibility Criteria, the supply under this Tariff shall not be available to such a prospective consumer unless he provides, to the satisfaction and approval of the Company, an independent grid station of his own including Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus as part of the dedicated distribution system for receiving and controlling the supply, or, alternatively, pays to the Company for all such Land, Building, Transformers, Circuit Breakers and other necessary equipment and apparatus if so provided and installed by the Company. The recovery of cost of service connection shall be regulated by NEPRA Eligibility Criteria.
3. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to C-3(b).
4. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff C-3(b) as set out in the Schedule of Tariff.

## D AGRICULTURAL SUPPLY

"Agricultural Supply" means the supply for Lift Irrigation Pumps and/or pumps installed on Tube-wells intended solely for irrigation or reclamation of agricultural land or forests, and include supply for lighting of the tube-well chamber.

### Special Conditions of Supply

1. This tariff shall apply to:
  - i) Reclamation and Drainage Operation under Salinity Control and Reclamation Projects (SCARP):
  - ii) Bona fide forests, agricultural tube-wells and lift irrigation pumps for the irrigation of agricultural land.
  - iii) Tube-wells meant for aqua-culture, viz. fish farms, fish hatcheries and fish nurseries.
  - iv) Tube-wells installed in a dairy farm meant for cultivating crops as fodder and for upkeep of cattle.
2. If, for any reason, the meter reading date of a consumer is altered and the acceleration/retardation in the date is up to 4 days, no notice shall be taken of this acceleration or retardation. But if the date is accelerated or retarded by more than 4 days, the fixed charges shall be assessed on proportionate basis for the actual number of days between the date of the old reading and the new reading.
3. The lamps and fans consumption in the residential quarters, if any, attached to the tube-wells shall be charged entirely under Tariff A-1 for which separate metering arrangements should be installed.
4. The supply under this Tariff shall not be available to consumer using pumps for the irrigation of parks, meadows, gardens, orchards, attached to and forming part of the residential, commercial or industrial premises in which case the corresponding Tariff A-1, A-2 or Industrial Tariff B-1, B-2 shall be respectively applicable.

#### D-1

1. This tariff is applicable to all Reclamation and Drainage Operation pumping under SCARP related installation having sanctioned load of less than 5 kW.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. D-1(a) tariff given in the Schedule of Tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided TOU metering arrangement and shall be charged on the basis of Time-of- Use (T.O.U) tariff D-1(b) given in the Schedule of Tariff.
4. All the existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements and shall be governed by D-1(a) till that time.

#### D-2

1. This tariff is applicable to consumers falling under Agriculture Supply having sanctioned load less than 5 kW excluding SCARP related installations.
2. Consumers having sanctioned load less than 5 kW shall be billed on single-part kWh rate i.e. D-2(a) tariff given in the Schedule of Tariff.
3. All new consumers having sanctioned load 5 kW and above shall be provided TOU metering arrangement and shall be charged on the basis of Time-of- Use (T.O.U) tariff D- 2(b) given in the Schedule of Tariff.
4. All the existing consumers having sanctioned load 5 kW and above shall be provided T.O.U metering arrangements and shall be governed by D-2(a) till that time.

## **E -1 TEMPORARY RESIDENTIAL/COMMERCIAL SUPPLY**

Temporary Residential/Commercial Supply means a supply given to persons temporarily on special occasions such as ceremonial, religious gatherings, festivals, fairs, marriages and other civil or military functions. This also includes supply to touring cinemas and persons engaged in construction works for all kinds of single phase loads. For connected load exceeding 4 kW, supply may be given at 400 volts (3 phase) to allow a balanced distribution of load on the 3 phases. Normally, temporary connections shall be allowed for a period of 3 months which can be extended on three months basis subject to clearance of outstanding dues.

### **Special Conditions of Supply**

1. This tariff shall apply to Residential and Commercial consumers for temporary supply.
2. Ordinarily the supply under this Tariff shall not be given by the Company without first obtaining security equal to the anticipated supply charges and other miscellaneous charges for the period of temporary supply.

## **E -2 TEMPORARY INDUSTRIAL SUPPLY**

"Temporary Industrial Supply" means the supply given to an Industry for the bonafide purposes mentioned under the respective definitions of "Industrial Supply"; during the construction phase prior to the commercial operation of the Industrial concern.

### **SPECIAL CONDITIONS OF SUPPLY**

1. Ordinarily the supply under this Tariff shall not be given by the Company without first obtaining security equal to the anticipated supply charges and other miscellaneous charges for the period of temporary supply.
2. Normally, temporary connections shall be allowed for a period of 3 months, which may be extended on three months basis subject to clearance of outstanding dues.

## **F SEASONAL INDUSTRIAL SUPPLY**

"Seasonal Industry" for the purpose of application of this Tariff, means an industry which works only for part of the year to meet demand for goods or services arising during a particular season of the year. However, any seasonal industry running in combination with one or more seasonal industries, against one connection, in a manner that the former works in one season while the latter works in the other season (thus running throughout the year) will not be classified as a seasonal industry for the purpose of the application of this Tariff.

### **Definitions**

1. "Year" means any period comprising twelve consecutive months.
2. All "Definitions" and "Special Conditions of Supply" as laid down under the corresponding Industrial Tariffs shall also form part of this Tariff so far as they may be relevant.

### **Special Conditions of Supply**

1. This tariff is applicable to seasonal industry.
2. Fixed Charges per kilowatt per month under this tariff shall be levied at the rate of 125% of the corresponding regular Industrial Supply Tariff Rates and shall be recovered only for the period that the seasonal industry actually runs subject to minimum period of six consecutive months during any twelve consecutive months. The condition for recovery of Fixed Charges for a minimum period of six months shall not, however, apply to the

seasonal industries, which are connected to the Company's Supply System for the first time during the course of a season.

3. The consumers falling within the purview of this Tariff shall have the option to change over to the corresponding industrial Supply Tariff, provided they undertake to abide by all the conditions and restrictions, which may, from time to time, be prescribed as an integral part of those Tariffs. The consumers under this Tariff will have the option to convert to Regular Tariff and vice versa. This option can be exercised at the time of obtaining a new connection or at the beginning of the season. Once exercised, the option will remain in force for at least one year.
4. All seasonal loads shall be disconnected from the Company's Supply System at the end of the season, specified by the consumer at the time of getting connection, for which the supply is given. In case, however, a consumer requires running the non-seasonal part of his load (e.g., lights, fans, tube-wells, etc.) throughout the year, he shall have to bring out separate circuits for such load so as to enable installation of separate meters for each type of load and charging the same at the relevant Tariff.
5. Where a "Seasonal Supply" consumer does not come forward to have his seasonal industry re-connected with the Company's Supply System in any ensuing season, the service line and equipment belonging to the Company and installed at his premises shall be removed after expiry of 60 days of the date of commencement of season previously specified by the consumer at the time of his obtaining new connection/re-connection. However, at least ten clear days notice in writing under registered post shall be necessary to be given to the consumer before removal of service line and equipment from his premises as aforesaid, to enable him to decide about the retention of connection or otherwise. No Supply Charges shall be recovered from a disconnected seasonal consumer for any season during which he does not come forward to have his seasonal industry re-connected with the Company's Supply System.

#### **G PUBLIC LIGHTING SUPPLY**

"Public Lighting Supply" means the supply for the purpose of illuminating public lamps.

##### **Definitions**

"Month" means a calendar month or a part thereof in excess of 15 days.

##### **Special Conditions of Supply**

The supply under this Tariff shall be used exclusively for public lighting installed on roads or premises used by General Public.

#### **H RESIDENTIAL COLONIES ATTACHED TO INDUSTRIES**

This tariff is applicable for one-point supply to residential colonies attached to the industrial supply consumers having their own distribution facilities.

##### **Definitions**

"One Point Supply" for the purpose of this Tariff, means the supply given by one point to Industrial Supply Consumers for general and domestic consumption in the residential colonies attached to their factory premises for a load of 5 Kilowatts and above. The purpose is further distribution to various persons residing in the attached residential colonies and also for perimeter lighting in the attached residential colonies.

"General and Domestic Consumption", for the purpose of this Tariff, means consumption for lamps, fans, domestic applications, including heated, cookers, radiators, air-conditioners, refrigerators and domestic tube-wells.

"Residential Colony" attached to the Industrial Supply Consumer, means a group of houses annexed with the factory premises constructed solely for residential purpose of the bonafide employees of the factory, the establishment or the factory owners or partners, etc.

#### Special Conditions of Supply

The supply under this Tariff shall not be available to persons who meet a part of their requirements from a separate source of supply at their premises.

#### I. TRACTION

Supply under this tariff means supply of power in bulk to Railways for Railway traction only.

#### J. SPECIAL CONTRACTS UNDER NEPRA (SUPPLY OF POWER) REGULATIONS 2015

Supply for the purpose of this tariff means the supply given at one or more common delivery points;

- i. To a licensee procuring power from TESCO for the purpose of further supply within its respective service territory and jurisdiction.
- ii. To an O&M operator under the O&M Agreement within the meaning of NEPRA (Supply of Power) Regulations 2015 duly approved by the Authority for the purpose of further supply within the service territory and jurisdiction of the TESCO
- iii. To an Authorized agent within the meaning of NEPRA (Supply of Power) Regulations 2015, procuring power from the TESCO for further supply within the service territory and jurisdiction of the TESCO

#### J-1 SUPPLY TO LICENSEE

1. This tariff is applicable to a Licensee having sanctioned load of 20 MW and above receiving supply at 66 kV and above.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-1(b).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-1(b) as set out in the Schedule of Tariff.

## SUPPLY UNDER O&M AGREEMENT

### J-2 (a) SUPPLY AT 11 KV AND 33 KV

1. This tariff is applicable to an O&M operator receiving supply at 11 kV or 33 kV under the O&M Agreement duly approved by the Authority.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-2(c).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-2(c) as set out in the Schedule of Tariff.

### J-2 (b) SUPPLY AT 66 KV AND ABOVE

1. This tariff is applicable to an O&M operator receiving supply at 66 kV & above under the O&M Agreement duly approved by the Authority.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-2(d).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-2(d) as set out in the Schedule of Tariff.

## SUPPLY TO AUTHORIZED AGENT

### J-3 (a) SUPPLY AT 11 KV AND 33 KV

1. This tariff is applicable to an authorized agent receiving supply at 11 kV or 33 kV.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-3(c).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-3(c) as set out in the Schedule of Tariff.

### J-3 (b) SUPPLY AT 66 KV AND ABOVE

1. This tariff is applicable to an authorized agent receiving supply at 66 kV & above.
2. Existing consumers governed by this tariff shall be provided with T.O.U metering arrangement and converted to J-3(d).
3. All new consumers shall be provided TOU metering arrangement and shall be billed on the basis of tariff J-3(d) as set out in the Schedule of Tariff.

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[Tariff-2015-16]

  
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