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

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Islamabad, the 28th March, 2018

Registrar NEPRA, Islamabad.

Chief Executive Officer LESCO, Lahore.

Chief Executive Officer MEPCO, Multan.

Chief Executive Officer GEPCO, Gujranwala.

Chief Executive Officer FESCO FESCO

Chief Executive Officer SEPCO Sukkur.

Chief Executive Officer (TESCO)
Peshawar.

Chief Executive Officer HESCO, Hyderabad.

Chief Executive Officer QESCO, Quetta.

Chief Executive Officer IESCO . Islamabad.

Chief Executive Officer PESCO Peshawar

# 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.

# Government of Pakistan Ministry of Energy

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

# NOTIFICATION

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. 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 Annexland 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.

	ľ	]				ł							Q.	P Tarif	T Ration He	mtles.	
		PIXEG	VARIABLE	CHARGES	PYA	2016	Write-el	ff Charges	PYA :	2017	Tar . 1 Wast	able Charges	Pu	baldy		- Bur	****
lr, Xv.	TARIFF CATEGORY / PARTICULARS	CHARGES		1									PIXXI		LABLE		RIABLE
	}		<i>-</i> -	.Ws		LWE !	_	/awa					CHARGES		ARGES		AROE=
		Re/hW/M	A.B/		K.B.		H4	/2w2		.ws	, , , , , , , , , , , , , , , , , , ,	/hWh	Ro/AW/M	R.	/hWh	Re	./kWk
	<del> </del>							<u> </u>		·		·					
-)	Yer Sanctioned lead loss than 5 kW	:		I				l			i					1	
•	Up to 50 Units			4.00		. 1						4.00			2.00	1	
	For Consumption encooding 50 Units	j l		}		j		1								1	
ĸ	001 - 100 Umits			9.41		0.29		- 1		0.01	1	9.71	1		3.93	1	
***	101 - 200 Unite			11.61		0.29		- 1		0.02		12.12			4.01	1	
	301 - 900 Units	1 :		11.20		0.29		. 1		0.02		12.17		ŀ	1.97		
•	301 - 700 Units			13.81		0.29				0.02		14.13				1	1.8
71	Above 700 Units			15.81		0.29		- 1		0.02	1	16.12				1	1,6
71	For Sunctioned load 9 kW & above								_							1	
			Poul	Off-Peak	Peak	Gff-Peak	Pask	Off-Posts	Peak	Off-Peak	Foak	Off-Peak		Peak	Off-Peak	Peak	00.700
	Time Of Use		15.61	9.41	0.29	0,29			0.02	0,02	16.12	9.72	1			1,34	2.7

Note: Tariff under Colum A and P of An easy Colum A and B of Assest-III shall:

		i											0.	P Yastif Hati	elisation	
1	TARIFF CATEGORY / PARTICULARS	PIXED	YARIABLE	CHARGES	PYA	2018	Write-off	Charges	PYA 2	1017	Total Vari	able Charges		buldy	Surchary	
Br. H	TARIFF CATEGORY / PARTICULARS	CHARGES	1					-					FLEED	VARIABLE		
1			Re/			LWA	Xe/				_		CHARGES	CHARGE		
<u> </u>	<del> </del>	Ro/kW/M	R.6/		R0/		H0/	AME.	Re/h	WE	X.	/bWb	Ra/EW/M	Ra/LWL	Re/I	WL
- 1		A		·					2	1		,				
,	For Sauctioned lead less than # hW			18.81		0.29				0.02		18,12				1.88
1 .	For Sanctioned lend 5 hW & shore	400.00		11.61		0.39				0.02		12.12				3.80
İ	į.	i i	Peak	Off-Peak	Pask	Off-Peak	Peak	Off-Pauls	Peak	Off-Peak	Peak	Off-Feek		Posk Off-F	oak Pauk (	Off-Pook
	Time Of Use	400.00	18.81	9.42	0.29	0.24			9.02	0.02	18.12	9.72			1.08	2.70

Under twiff A-2, there shall be

	-											
ſ			FIXED						0	of Tariff Rationiis	ethe	1
1	f		CHARGE	VARIABLE CHARGES	PYA 201A	Write-off Charges	PYA 2017	Total Variable Charges		(kalde		Ĺ
- 1	Br, Nt.	TARIFF CATEGORY / PARTICULARS	CHARGE-			1		_	PIXED	VARIABLE	VARIABLE	1
- 1			!				· ·		44.8488	CHABORS	FMARGES	Ĺ
				Barb Wh	Ra/hark							

		T										-	٥	of Tark	M Reliee U	u Live	
		FIXEO	VARIABLE	CHAROLE	PTA	3016	Write-of	Charges	PYA :	2017	Tatal Vari	able Charges		ebaidy		84	charge
e, Se.	TARIFF CATEGORY / PARTICULARS	CHAROES											FIXORD		RIABLE		RIAGLE
				1		hWh					_		CHARGES		ARGES		ARGE#
		Re/EW/M	Re/	.Wk	RA/		K4/	LW.	Rs/1	WE	, Re	\FMF	Re/EW/M	R	/hWh	_ X	·/kWb
						Ç		D .				,					
<b>5</b> 1	Upto 28 kW (st 400/230 Volts)	1 . 1	1	11.32		0.28				0.02	<b>\</b>	11.62		1		}	2.84
8 2(a)	saccooding 28-800 kW (at 400 Valta)	400,00		10,91		0.29				0.02		11,12				1	2.04
	Time Of Use	1	Peak	Off-Peak	Peak	Off-Peab	Feek	Off-Peak	Peak	Off-Peak	Poul	Off-Peak		Peak	Off-Peak	Peak	Off-Pea
11 (54	Up to 25 KW		15.01	9.41	0,39	0.29	•		0.02	0.02	14.12	9.72				1.84	2,76
8 2/b)	exceeding 25-800 hW [at 900 Volts]	400,00	15,01	9.21	0,29	0.29	-		0.02	0.02	18.12	9.52				1,88	2.77
13	Far All Loads up to 8000 kW (at 11,33 kV)	380.00	16.61	9.11	0,39	0.29	-		0.02	0.02	16.12	9.42		1 .	1	1.54	2.76
	For All Loads (at 65 133 by 6 shows)	340.00	10.00	9 00			l .			0.00	14 12		1 '	1	I		I

													0	of Teri	I Rationli	ation.	-,
		FIXED	VARIABLE	CHARGES	PYA	2016	Write-el	Charges	PYA	2017	Total Vari	able Charges		uboléy		Sar	operite
k. X+.	TARIFF CATEGORY / PARTICULARS	CHARGES		1									FIXED		RIABLE		RIABLE
		Re/LW/M	Re/	uwa i	Re/	LWL	X.	hWh.	Re/	w	д.	/kWa "	Re/NW/M		AROES L/hWb		AROES
_		A				c		0				7	· Harrier				
2 -1	For supply at 400/230 Valte													1			
•1	Senctioned lead less than 5 kW			11.82		0.25				0.02		12.12	ļ.	١٠		ļ	2.84
ы	Sanctioned load S kW & up to 500 bW	400,00		11.32		0.28				0.02	ļ	11.42	i				2.84
-24-1	For supply at 11,33 kV up to and including	380.00		11.12		0.28							ļ.			1	
	SOOO kW For tapply of 66 kV & shows and tanctioned	340.00		11.13		0.28		•		0.03		11.42		{		1	2.84
	1								İ					1		i	
	lend above 5000 kW	340.00		11.02		0.28		٠,		0.03		11,32	•	1		1	2,84
	Time Of Use		Peak	Off-Peak	Feek	Off-Feek	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Feek	•	Ponk	Off-Peak	Peak	Off-Pes
	For supply at 400/230 Volta 5 kW & ap to 300 kW	400.00	10.82	9.42	0.28	0.28			0.02	9.02	18,12	8.72				1.88	3.76
	For supply at 11,33 kV up to and lackeding	340,00	16.83	9.23	0.28	0.28			0.02	0.02	18,12	9.83				1.00	2.7
	For supply at 46 hV is above and searctioned	340,00	16.62	9.12	9,26	0.28		,	0.02	0.02	16.12	9.43		ł	1	1.80	2.7

# SCHEDULE OF ELECTRICITY TARIFFS QUETTA ELECTRIC SUPPLY COMPANY LIMITED (QESCO)

	<u> </u>	r												of Tari	Rationii	nties_	
1		FIXED	VARIABLE	CHARGES	PYA	2016	Write-of	Charges	PYA	2017	Total Vari	able Charges	94	beldy		Bur	- porta
Br. No.	TARIFF CATEGORY / PARTICULARS	CHAROES										•	PLICED		HABLE		BJEAN
L		Re/hW/M	Re/	L WIL	Rs/	hWh.	R=/	±W4	Re/k	Wh	Re	/kWh	Ru/hW/M		ARDES / LWL	CH.	/kWh
		^						5				,					
0-1(e)	SCARP loor them 5 kW			12.02		0.28				0.03		12.32	1	7	0.32	1	
G-2 (e)	Agricultural Tube Wells	200.00		11,52		0.26				0.04	L	11.54			0.34	İ	
		1	feak	Dff-Peak	Frok	Off-Feeb	fook	Off-Punk	Fosh	Off-Peak	Penk	Off-Preh		Pool	Off-Peak	Frak	Off-Peak
0-1(6)	SCARF S kW & shore	200.00	15.82	9.12	0.26	0.28			0.02	0.02	16.12	8.42	1	1.12	0.87		
D-3 (-)	Agricultural 5 kW & shove	200.00	18.62	8.12	0.28	0,26			0.02	0,02	18.12	6.42		5.77	5.57	( )	
	Ities to shove manticard subsidy on excision	charges, the	Sue4 charge	e spolleshie	ta private a	gienkur ce		der tariff D-2	sed D-1 (b)	is also pick	ed by Our	s Subaldy.					

Under this tariff, there shall be minimum meathly nharges Ra.2000/. per seasomer per meath, even if we apargy in neasomed. Noter- The samesween having mactioned load ion than 5 kW can upt for TOU meterlag.

Notes Twiff ander Colom A and F of Assess'll shall remain applicable for one year from the date of notification, Colom C, D, E and F of Assess'll) shall seem to axist ofter one year and

 ATTEMPT \$164. 图1555年,1-14. (2015) 5-15-15-1	A TOTAL CONTRACT OF THE TEMPORARY SUPPLY TARIPYS CONTRACT OF THE PROPERTY OF T	ending of the sale

		PIXED							P Tariff Retionlies	
Se. He.	TARIFF CATEGORY / PARTICULARS	CHARGES	VARIABLE CHARGES	PYA 2016	Write-off Charges	PYA 2017	Total Variable Charges	FIXED	VARIABLE	VARIABLE
Ĺ		Re/hW/M	Re/kWk	Rs/kWk	Ro/kWh	Re/kWh	Re/kWk	CMARCIER R=/bW/M	CHARDES Re/bWk	CHARGES Re/hWh
		A		- c	В	E .	,			
E-1(Q	Residential Supply	-	15.81	0.29		0.02	16.12	i		4.14
E- 1(ti)	Commetcial Supply		11.02	0.2#		0,01	16.12			4.23
£-2	Industrial Supply		11.32	0.28		0.02	11.62			8.23

Called the transfer shakes and alleged to

Metal Thriff under Colum A and F of Annus-III shall remain applicable for one year from the date of notification. Colum C, D, E and F of Annus-III shall sense to exist after one year and only Colum A and E of Annus-III shall remain applicable, till the same is superceede by a cast notification.

#### Company of the Compan

#### 125% of relevant industrial tariff

Hote: Tariff J communers will have the option to respect to Regular Tariff and vice versa, This aption combs anercized at the time of a new of Ones anercized, the aption remains in feree for al least one year.

A. C. S. S. S. S. S. S. S. S. S. S. S. S. S.	Responsibility and the medical and all for a little and a security of the	ATTE SOLUTION	a consideration of the	ilic ciarying	ed lighter <b>gree</b> lfen halle var var v	الخائلة فيأضافه بمستعد	and the second second	perel et et <del>e</del> ge	ભાગમાં મુક્ત માટે જ	i in the state of
		FIXED				,			P Tariff Rationii	
Sr. Ha.	TARIFY CATEGORY / PARTICULARS	CHARGES	VARIABLE CHARGES	PYA 2018	Write-off Charges	PYA 2017	Total Variable Charges	7130ED	VARIABLE	Sarcharge VARIABLE
1	,							CHARDER	CHARGES	CHARDES RE/AWA
	l	Ro/kW/M	Re/hWh	No/hWh	Na/hWh	Re/kWb	Re/kWb	Re/kW/M	R+/hWb	Re/kWh
		A		- 6	Б					
	Street Lighting		10.62	0.26		0.02	11.12			3.44

Under Thriff O, there shall be a minimum monthly charge of Ra. 500/- per month per hW of lamp unpackly installed.

Note: Turiff upder Colum A and F of Annor-III shall remain applicable for one year from the date of notification, Colum C, O, E and F of Annor-III shall sease to exist after one year and only Colum A and F of Annor-III shall remain applicable, till the same is supercoded by a next notification.

492.075	and responsible section to the section of the secti	Artis B 🗚 🗓	PEROPERTIAL COLORIES A	LLINCHED LO INDARLE	AL PERMISSA	paralestica in total confide about	produced the same of the same	in the second and the	最後の 中国 から 自然を
								theP Tartif Rationities	ties
l		PIXXED		Total Variable Charges	Babaldy	Serobarge			
Br. He.	TARIFF CATEGORY / PARTICULARS	CHARGES			_	-		PIXED VARIABLE	YARIABLE
		Rs/kW/M	Ra/kWh	Rs/kWb	Re/kWh	Re/kWh	Re/kWk	CHARGES CHARGES	CHARGES Re/EWS
1		A	1	c	D	F	y		
	Residential Colonies attached to Industrial								
	promises	1 .	10.62	0.28		0.02	11.12		3.44

JUNE 10.23 | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S. | U.S

#### J. REGIAL CONTRACTOR STRUCK ANGRE ENGINEER STORY OF FOREST ENGIA THOSE AND A STRUCK

Br. Nu.	TARIFF CATEGORY / PARTICULARS													of Tariff	Rationis	etles_	
	ì	FIXXD	VARIABLE	CHARGES	PVA	2018	Williams	T Charges	PYA	2017	Tuest Vari	able Charges		abaldy		Bere	harg=
	1	CHARGE 6	·										FIXED	VAR	IAPLE	VAR	IABLE
	i	ļ									i		CHARGES		RGES		ROES
		Re/kW/M	Re/	, wh	Rs/	PAP	Ru/	FAF	Re/	hWh	, Ru	/PAP	Re/hW/M	, Re	/kWb	Re	/kWb
			i		(	C		D		:		<u>'</u>	<u> </u>				
J -1	For supply at 64 kV & shore and having										Ì			-		Ĺ	
• ••	expetioned load of 20MW & shore	360.00		11.02		0.28				0.02	}	11.32		t			
J-2	1	1									i		١ ٠				
(-)	For supply ot \$1,22 kV	380.00	ŀ	11.12		0.28				0.02	ļ	11,42	17-	1		{	
(1-1	For supply at 64 hV is above	340.00	1	11.02		0.24				0.02	1	· 11.32		Ī			
7-3	Į.										1		1 -				
(*)	For empyly at 11,33 kV	380.00	l	11.12		0.24				0.02	1	11.42	1				
(1-1	For supply at 66 hV & shore	360.00	,	11.02		0,28				0.02		11.32	.00	1		İ	
	1	1 1							l		l		1	L			
	Time Of Use		Poch	Off-Feels	Feeh	Off-Peab	Frak	Off-Peak	Peak	Off-Penk	Preh	Off-Puch		Frak	Off-Peak	Peak	Off-Pes
J -1(b)	For supply at 46 kV & shove and having												1				
	martineed load of 30MW & shore	360.00	18.82	9.12	0.28	0.28			0.02	0.02	10.12	9.42	ł	1			
J-2 (e)	For supply at 11,33 kV	380.00	15.82	V.22	0.28	5,28		-	0.02	0.02	16.12	9.52		1 1		i 1	
J-2 (4)	For supply at 66 hV & shows	340.00	18.82	8.12	0.26	0.28		· · · ·	0.02	0.02	16.12	9.42	1	ĺÌ		( (	
J-3 (e)	For supply of 11,33 hV	380.00	15.92	9.22	0.26	0,28			0.02	0.02	16.12	9.82	i	1		1	
	For supply 12 66 hV & share	340.00	18.02	9.13		0.28			0.02	0.02	16.12	9,42		1 1		}	

Notes Tariff under Calum A net F of Annon-ill shall remain applicable for one year from the date of potification. Colom C, D, E and F of Annon-ill shall amon to asked after one year and only Colom A and B of Annon-ill shall remain applicable. Ull the same in supercoded by a nant neglication.

#### **ORDER**

- 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  $UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.01)} \times AFI(T) \quad Paisa/kWh$
    - ii) Where only 11 kV distribution systems is involved.

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

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

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

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 30th 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 / upgradation 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 (Life Line, Agri and Domestic Consumers upto 300 units)	(11,533)
Less;	Net Subsidy, if any	12,830
	FCA amount to be passed on to the consumers	(38)
		, <del>,                                      </del>
	Total Adjustment = A+B+C	1,371

- 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

Fuel Price variation = Actual Fuel Cost Component - 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.

### QUARTERLY/BLANNUAL 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;

Quarterly/Biannual PPP (Adj )= PPP(Act) (excluding FCC)-PPP(Ref) (excluding FCC) (1-T&D Loss %) – (Life line Consumption %)

#### Where:

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.

PPP(Ren) 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 (Adj)

#### Where;

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.

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

Description	\$a	les		Revnue		8258	Tariff	PYA	2016	Wri	te off	PYA	2017	Tota	al
Description	GWh	% Mix	Fixed Charge	Variable Charge	Total	Fixed Charge	Variable Charge	Amount	Variable Charge	Amount	Variable Charge	Amount	Variable Charge	Fixed Charge	
			<del></del>	Min. Rs.		Rs./kW/ M	RsJ kWh	Min. Rs.	RsJ kWh	Min, Rs.	RsJ kWh	Min, Rs.	RsJ kWh	Rs./kW/ N	
esidential	24	0.480	······			·····									_
Up to 50 Units For peak load requirement less than 5 kW	21	0.48%	*	83	83		4.00			.	•	-	· ·		
01-100 Units	200	4.58%	. !	1.878	1.878	<b>\</b>	9.41	58	0.29			2	0.01	ļ	1
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		
301-700Units	66	1.52%		917	917		13.81	19	0.29			1	0.02		-
Above 700 Units	64	1,47%		1,018	1,016		15 81	19	0.29			1	0.02	l	-
For peak load requirement exceeding 5 kW)			1	1		1									Į
Time of Use (TOU) - Peak	6			87	87	[ [	15.81	2	0.29		•	0	0 02	ļ	- [
Time of Use (TOU) - Off-Peak	30			278	278		9.41 15.81	9	0.29		•	1	0.02		ł
Temporary Supply  Total Residential	495	11.35%	<u> </u>	5,550	5,550	<b>I</b>	15.01	138	0.29	لىنىسا		L <del></del> -	0.02		_
ommercial - A2	4,33	11.55%	•	5,550	3,330			150		•		,			
or peak load requirement less than 5 kW	57	1.30%	-	900	900		15.81	17.	0.29	· ·		1	0.02		٦
or peak load requirement exceeding 5 kW				ŀ				- 1							-
Regular	0	0.01%	1	4 }	4 '	400	11 81	0	0.29			0	0.02	400	0
Time of Use (TOU) - Peak	13			211	211	1	15 81	4	0.29			0	0.02		
Time of Use (TOU) - Off-Peak	48			456	566	400	9.42	14	0.28	•		1	0.02	400	0
Temporary Supply	0	0.00%				L	15,82	·_	0.28	لـــــــــــــــــــــــــــــــــــــ	·	L	0.02	l	_
Total Commercial	119	2.73%	111	1,570	1,682			34		•		2			
eneral Services-A3	131	3.00%	<del></del>	1,671	1,671		12.77	37	0.28	· ·		3	0.02	<u> </u>	
ndustrial	· · · · · ·		·	.,•1	.,	·				لــــــــــــــــــــــــــــــــــــــ				·	_
Bi	1	0.02%		9	9		11 32	0	0.28	-		0	0.02	ſ	
81 Peak	· 3	0.06%		43	43	j	15.81	1	0.29	•	- 1	0	0 02		
B1 Off ≓eak	14			131	131		9 41	4	0.29	-		0	0 02		
82	1	0.02%	0	8	8	400	10 B1	0	0.29			0	0.02	400	0
B2 - TCU (Peak)	15			242	242	]	15.81	4	0.29	·	-	0	0.02	ļ	
82 - TCU (Off-peak)	80		197	549	746	400	9.21	17	0.29	• '		1	0.02	400	0
83 - TCU (Peak)	3			44	44		15.81	1	0.29			0	0.02		
B3 - TOU (Off-peak)	57	1	77	519	596	380	9.11	17	0.29			1	0.02	380	0
B4 - TCU (Peak)	0			- 1	-		15.82		0.28	•	-		0.02		
B4 - TOU (Off-peak)	0			-	•	360	9.02	- 1	0.28	·	•	·	0.02	360	0
Femporary Supply	. 0		1			لـــــــا	11.32		0.28	لسنسا		L	0.02	L	
Total Industrial ingle Point Supply for further distribution	153	3,51%	274	1,546	1,819			44		• •		3			
C1(a) Supply at 400 Volts-less than 5 kW	0	0.01%		4	4		11.82	0	0.28		· ·	0	0.02	T	
C1(b) Supply at 400 Volts-exceeding 5 kW	,	1	i i	15	15	400	11 32	0	0.28	1			l .	400	c
Time of Use (TOU) - Peak	3	t	1	52	52	1 400	15.82	1	0.28			0	0.02		•
Time of Use (TOU) - Off-Peak	15			139	168	400	9.42	4	0.28			Õ	0 02	400	0
C2 Supply at 11 kV	8			92	102	380	11.12	2	0.28.			0	0.02	380	0
Time of Use (TOU) - Peak	16			254	254		15.82	5	0.28			0	0.02	1	
Time of Use (TOU) - Off-Peak	66			610	689	380	9.22	19	0.28			1 1	0.02	380	0
C3 Supply above 11 kV	0	1				360	11.02		0.28	- 1			0 02	360	0
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		<u> </u>	<u> </u>	0.02	360	0
Total Single Point Supply gricultural Tube-wells - Tariff D	110	2,53%	117	1,167	1,284			31		•		2			
Scarp	11	0 26%	<del></del> .	135	135	(	12.02	3	0.28	<del></del>	·	0	0 02	·	
Time of Use (TOU) - Peak	10			158	158		15.82	3	- 0.28			0			
Time of Use (TOU) - OII-Peak	59			539	591	200	9.12	17	0.28	ì .		1	0.02	200	0
Agricultual Tube-wells	3228	74.01%	1,963	37,189	39,152	200	11.52	904	0.28			129	0.04	200	0
Time of Use (TOU) - Peak	5			83	83		15.82	1	0.28			0	0.02	1	
Time of Use (TOU) - Off-Peak	36	<del></del>	<del> </del>	332	348	200	9,12	10	0.28		<u> </u>	1	0.02	200	.0
Total Agricultural	3,350	76.81%		38,437	40,468		10.02	938	0.26	<del></del>		132	0.02	·	_
Residential Colonies	3			34	34 1		10.82 10.82		0,28		ļ. :		0.02		
Sub-Total	3	0.07%		35	35		لىتىنى	1	···········			0		•	_
pocial Contract - Tariff-J									<del></del>			<del></del>		,	
J-1 For Supply at 66 kV & above		0.00%	ı	1	•	360	11.02	-	0.28	- 5			0.02	360	0
Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak	· ·	0.00%			•		15 82	-	0.28	39.7		,	0.02	360	
` '		0.00%		(	•	360	9.12 11 12	•	0.28 0.28				0.02	380	
J-2 (a) For Supply at 11, 33 kV Tane of Use (TOU) - Peak		0.00%	1	-	*	380	11 12		0.28	1 :		]	0 02	380	,cj
Time of Use (TCU) - Off-Peak	1 :	0.00%				380	9 22		0.28	1 :	l :	:	0.02	380	10
J-2 (b) For Supply at 86 kV & above		0.00%				380	11.02	.	0.28	l :		] .	0.02	360	
Time of Use (TOU) - Peak		0.00%		_			15.82		0.28	١.			0.02	]	
Time of Use (TOU) - Off-Peak		0.00%	1			380	9.12		0.28				0.02	360	íΟ
J-3 (a) For Supply at 11, 33 kV		0.00%				380	11.12		0.28	1 -			0.02	380	
	١.	0.00%				1	15.82		0.28		١		0.02	1	
Time of Use (TOU) - Peak	1	1	1			380	9.22		0.28	١.	Ι .	1 .	0.02	380	30
Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak		0.00%													
		0.00%				360	11 02		0.28		,		0.02	360	
Time of Use (TOU) - Off-Peak				-		1				:	-	:		360	

Total Revenue 4,362 100.00% 2,533 49,976 52,509 1,215 - 156

Lanff inentioned under Column "Total Tariff" shall remain applicable for a penud of one year from the date of notification. After one year PYA 2016, Write-off and PYA 2017 shall cease to exist and only fariff mentioned under Col

Base Tariff" shall remain applicable lift 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	\$.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:

	* PEAK TIMING	OFF-PEAK TIMING
Dec to Feb (inclusive)	5 PM to 9 PM	Remaining 20 hours of the
day		
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-

<sup>\*</sup> 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-l(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-I 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-I(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 tubewells 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 reconnected 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

#### I-1 SUPPLY TO LICENSEE

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- 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.

[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. (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.

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TARIFF CATEGORY / FARTICULARS PYA 2016 Write-off Charges PYA 2017 VARIABLE CHARGES Re/EWN PIXED Ra/kWb a; For Senctioned lead less than 3 by for Consumption exceeding 3D Units 4.00 2.00 0.49 0.49 0.49 0.49 3.47 3.47 3.47 16.46 19.96 20.36 20.97 10.67 11.85 10.16 4.97 5.97 11.27 14.77 001 - 100 Units 1.23 101 - 200 Units 201 - 300 Units 351 - 700 Units 21.91 1.34 Prob Off-Peak Peak Off-Peak Penk Off-Penk 16.76 1.24 1.24 1.24 the following rates even if no energy is connumed. Time Of Use
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		Α						Ď				7					
43	Yor Sasctioned load leas then 5 kW			16.06		1.24		0.49		3.+7		21.26			3.26	}	
1 10	For Senetioned load 5 bW & above	400.00		14.04		1.24	1	0.49		3.97		19.26	i		3.26	i	
1			Penk	Off-Feek	70 als	Off-Feab	Peak	Off-Pass	Penk	Off-Feek	744k	Off. Frak	]	Prok	Def. Pank	Peak	Off-Penk
	Tiese Of Use	400.00	16.76	11.26	1.20	1,24	D.49	0.49	3.47	3.47	21.45	19,46	1	3.96	2.94		

Under twiff A-3, there shall be minimum monthly charges at the following rates even if no every in consumer.

a) Single Phese Councilons:

Rs. 175/- per concumer per month
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<u> </u>	T T	7			T	GOP Tariff RationHeation
	FIXED VARIABLE	PYA 2016	Write-off Charges	PYA 2017	Tatal Variable Charges	- Buttler Bursburge

1								Ger Tariff Rationii	
1 1	FIXED	VARIABLE	77A 2016	Write-off Charges	PYA 2017	Tatal Vertable Charges		## UI Y	- Bursbarse
9r. Ha. TARIFF CATEGORY / PARTICULARS	CHARGES	CHARGES			1		FIXED	VARIABLE	VARIABLE
! !		1			}	1	CHARDES	CHARDES	CHARGES
1 :	Re/EW/M	Re/kWh	Ra/kWh	Re/EWA	Re/kWh	Re/kWh	Re/kW/M	Ra/kWh	Ra/kWb
			e e	В		, ,			
ej Ogyersi Services	·	12,66	1.24	0.43	3,47	17.89		3.11	

al Single Phone Connections: by Three Phase Connections:

Rs. 178/- per consumer per munth Rs. 350/- per consumer per menth

Nets: Twiff under Colum A and F of Amers. It shall remain applicable for the year from the date of notification, Calum C. O, E and F of Amers. It shall come to exist after one year and only Colum A and S of Amers. It shall remain applicable, till the same is superseded by a next notification.

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	T													Gor Tar	III Rationlie	etien	
	1	FIXED	VAR	UABLE		2014	Writeran	Churges	PYA	2017	Tatal Made	ble Charges		whater_			reasers.
Sc. No	YARIFF CATEGORY / PARTICULARS	CHARGES	CH	ROES	,,,,	,							FIXED		HABLE		RIABLE
i		;									_		CHARGES		WOE .		AROSS
!	1	Re/EW/M	R.	/bWb	Rs/	km#	Na/	km#	RA/	kWb	K	/kWk	Re/KW/M	N.	/kWh	R	A/EWE
		A						D		t		<u></u>				,	
81	Up to 25 kW (at 400/220 Valte)	1 . 1		13.56		1.24		0.49		3.47		16.74			4.26	1	
92ta	anceeding 25-300 bW jet 400 Veltes	400.00		13.04	i	L.24		0.49		3.47		15.26		1	4.26	1	
ì	Time Of Use		Prak	Off-Feek	Peak	Off-Feat	Penk	Off-Peak	Posk	Dff-Prek	Peak	Dff Peak		Peak	Off-Poak	Peak	Diff-Ponk
	Up to 2n KW		16.76	11.24	1.24	1.24	0.49	0.44	3.47	3, 47	21.94	14.46		3.96	3.94	1 1	
62(6)	excreding 28.500 kW jet 400 Vojtaj	400.00	16.76	11.06	1.24	1.26	0.49	0.49	3.47	3,47	21.66	16.26	1 1 1	3.98	3.97	: 1	
23	For All Loads up to \$000 bW lat 11,23 hV)	380.00	16.74	10,86	1.24	1.24	0.49			. 5.47	21.94	16.04		3.96	3.66	: 1	
		340.00	14.76	10.74	1.74	174	0.40	0.44	3 47	3.47	24.74	10.94		2.94	3.10	, ,	1

is applicable for one year from the dete of notification. Colum C. O. E and F 4f Admentil shall despe th exist after one year and till the same is superseded by a next motification.

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														Gef Tari	ff Rationile	atlen .	
	1	PIXED		ABLE		į		1		i		1		ubsidy		bw	DACKE
or. Yo	TARIYF CATEGORY / FARTICULARS	CHARGES		ROZE	PYA	2016	Write-off	Charges	PYA:	2017	Total Varie	rpio CPrudes	FIXED CHARGES		ABLE ROES		LABLE UROED
		Re/EW/M	Res	kWb.	R.	LWE :	Re/I	wb	Re/1	.Wa	Re	/kWh	Ra/bW/M	, Re	/EWE	R.	/kWh
								,				7					
c -1	For supply at 400/230 Value														- 1		
	Septienes loss ires than 8 bW	· i		14.06		1.24		0.49		3.47		19.28		ì	4.36		
	Sanctioned look il kw b up to 500 kw	400.00		10.56		1.24		D. 99		3. +7		18.78		ł	4.24		
	Tar supply as 11,00 kV up to and including	260.00		13.38		1.24		0.49		3.47		13.56			4.24		
C -J(≃	Fer supply at 66 kV & above and sanetimed	i								i	i	ì		!	i		
	toed above 5000 eW	260.00		13.28		1.24		0.49		3.47		18.48			4.26		
	Time Of Use		Pesk	Off-Peak	Frak	dir-Fesh	Prok	Off-Peak	Pank	Dff-Peak	Peak	Aseq-ND		Feek	Diff Ponk	Peek	Off-Peak
C · lic	For supply at 400/230 Volts 5 kW & up to	400.00	16.76	11.26	1.24	1.24	0.69	0.49	3,47	3.47	21.96	16.46		3.96	3.96		
c -246	For supply at 11,33 bV up to and including	20,00	16.76	11.06	1.34	1,24	0,49	0.49	3.47	3.47	31.94	14.26		3.96	3.96		
C -3(6	For supply at 64 kV & shows and sandtioned		' '														
	1944 SPOYE 7000 SW	340.00	14.76	10.84	1.34	1.74	0.49	0.49	3.47	3.47	21,96	16.D6		3.94	3.94		

Note: Twiff under Colum A and Y of Antancill shall remain applicable for one year from the fate of notification, Calum C. D. E and f of Antancill shall consect a saigt after New year and fulf Colum A and E of Antancill shall consect a saigt after New year and notification.

				7	2. LLL 3.8.5.	-	ننفأ الكشلاب									
Sr. No.	YARIFY CATEGORY / PARTICULARS	FIXED CHARGES	; сн.	RIABLE		2016	Writs off			2017		nkle Charges	FIXED CHAROSS	LAROSE CHARDES		RIABLE ARGES
		Re/kW/M	Re	/×*/>	Re/	two .	Re./	W	Rs/	kWk	Ra.	/kWh	Ro/kW/M	Re/kWh	R	a/≒Wh
				-						<u>,                                     </u>		<i>'</i>				
0.1101	SCARP to so tkng 5 bW		1	13.56		1,24		0.49		2,47		16.76	i	3.73	;	
O-2 (a)	Agricultural Tuke Wells	200.00	!	12.06		1.24		0.59		3,47		:8,26		4,75	ì	
		1	Pesk	Off-Peak	Pesk	Off-Peak	Feat 1	Dil.Pesk	Penh	Off-Pank	Prak	Gff-Peak		Pank Dil Pank		Off-Fesh
	SCARP S W & sheve	200.00	16.78	10.86	1.24	1.24	0.47	0.49	1.47	1.47	21.64	10.06		8.96 7.31	-	
	Agricultural 5 kW & shove	200.00	16.78	10.56	1.24	1.24	0.49	0.49	1.47	2,47	21.98	16.08		11.41 7.21		

Under this toriff, there obail to minimum annuthly charges Re. 2000/- per consumer per month, even if ng soergy is consumed. Note:- The consumers having anactioned load loss than 3 kW oon opt for TOU matering.

Note: Tertif under Colum A and 7 of Annex.ill shall remain applicable for one year from the date of antification, Colum C, O, g and 7 of Annex.ill shall conse to raint after one year and call Colum A and 6 of Annex.ill shall must applicable. Ill the same to impressed by g area partification.

Sr. He. T	'ARIYF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	PYA 2015	Write-off Charges	PYA 3017	Total Variable Charges	PIXED CHARGES	QOF Tariff Rationii Pubblidy VARIABLE CHARGEE	Butchares Variable Chardes
i		Re/hw/M	Re/kWa	Re/≅Wh ;	Re/kWh	Ra/kWb	Re/EWE	Ra/EW/M	Rs/kWh	As/hWh
		^_			0	t · · · ·	, ,			
E-ffl Arolds	eatint Supply		17.D4	1.24	0.47	3,47	22.36			
E. I(II) Comm	aercial Supply		18.04	1.34	D.49	3.47	21,26	!	i	1.09
E-2 inquet	(eia) Supply		13.58	1.24	D.46	3.67	19.76	;	1	1.00

For the entegories of E-Ijibiij above, the minimum hill of the consumers shall be Rs. 30/- per day subject to a minimum of Rs. 300/- for the entire period of supply, even if an energy is consumed

consumer.

Anse: Teriff under Colum A and F of Annex. It shall remain applicable for one year from the date at settlerstion. Colum C, D, E and F of Annex. It shall connect to saist after one year and only Colum A and F of Annex. It shall connect to saist after one year and only Colum A and F of Annex. It shall connect to saist after one year and only Colum A and F of Annex. It shall connect to saist after one year and only Colum A and F of Annex. It shall connect to saist after one year and only Colum A and F of Annex. It shall connect to saist after one year and only Colum A and F of Annex. It shall connect to saist after one year and only Colum A and F of Annex. It shall connect to saist after one year and only Colum A and F of Annex. It shall connect to saist after one year and only Colum A and F of Annex. It shall connect to saist after one year from the date of the column A and F of Annex. It shall connect to saist after one year from the date of the column A and F of Annex. It shall connect to saist after one year from the date of the column A and F of Annex. It shall connect to saist after one year from the date of the column A and F of Annex. It shall connect to saist after one year from the date of the column A and F of Annex. It shall connect to saist after one year from the column A and F of Annex. It shall connect to saist after one year from the column A and F of Annex. It shall connect to saist after one year from the column A and F of Annex. It shall connect to saist after one year from the column A and F of Annex. It shall connect to saist after one year from the column A and F of Annex. It shall connect to saist after one year from the column A and F of Annex. It shall connect to saist after the column A and F of Annex. It shall connect to saist after the column A and F of Annex. It shall connect to saist after the column A and F of Annex. It shall connect to saist after the column A and F of Annex. It shall connect to saist after the column A and F of Annex. It shall connect to saist after the

123% of relevant languartics tents

Note: Tertifi-C consumers will have the option to convert to Regular Tariff and vice versa. This option can be sacretied at the time of a new connection or at the beginning of the sea

				Difference			raion disk		
St. No. TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	3JEANRAY ESDRAHD	FYA 2013	Write-off Charges	FYA 2017	Tatel Variable Charges	PIXEO	GeP Tariff Rationis Subsidy VARIABLE	SUCCEACES VARIABLE
	RI/EW/M	Re/X'Vb	Ra/bWh	Ra/EWb	Ra/kWh	Re/kWb	Re/EW/M	CHARGES Re/kWh	CHARGES R4/3Wh
Street Lighting		13.06	1.24	0.45	3,47	50.26	ļ	5.25	

Under Tariff O, there shall be a minimum monthly charge of \$2,500/. per month per hW of lamp capacity installed.

Nate: Tariff under Colum A and F of Annea-ill shall remain applicable for one pear from the date of polification. Calum C. Q. E and F of Annea-ill shall conset to exist after one year and only Calum A and a of Annea-ill shall remain applicable, till the same is supercaped by a next publication.

MIG											
		FIXED	VARIAGES	PYA 2016	Wettereff Charges	FYA 2017	Tetal Variable Charges	Oof Tariff Ration		lisation Surcharts	
Br. No.	TARIFF CATEGORY / PARTICULARS	CHARGES	CHARGES		willered Carages	1 177 2017	Leter Anteren Caraller	PIXED	VARIABLE CHARGES	BUBAURAV	
		Re/EW/M	Ra/NWh	Re/kWh	Rs/kWb	Ra/hWh	Ra/kWh	Ro/kW/M	Ra/kWb	Ra/kW4	
تنسأ					Б						
1	Residential Colonies ettanhad to industrial						1				
	premises		19.06	1.24	D 49	147	20.24	i •		í l	

Introduct.

Make Twitt under Chium A and F of Annan III shall remain applicable for one pray from the cate of medification. Column C, D, E and F of Annan III shall remain applicable for one pray from the cate of medification. Column C, D, E and F of Annan III shall remain a spatial of the same in the cate of medification.

A make S of Annan III shall remain applicable, IIII the same in topic prayers and a season a sufficient.

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	į.	1		1								•		Gof Tariff	Retionil		
		FIXED		UABLE	AYS:	2016	Write-off	Charres	PYA	2017	Tatal Vani	kle Cherges		Subaidy		Bur	charge
Sr. No	TARIFF CATEGORY / PARTICULARS	CHARGES	CH	ROLL							10111 - 1712	rie Chester	CHARGE	VARUA	ALE	VA	RIABLE
		!		I								B-0	CHARGEL	CHAR	GE#	CH.	ARDES
	1	Re/kW/M	R.	/kWa	Rs/I	LW]L	R+/1	wb dw	Re/	k Wh	R=,	EWB -	Ra/bW/M	Ra/S	Wh	į R	1/XWN
	:	A										,			·		
. 1	For supply at 36 bV & above and having	i i	í										,	1			
3	conclined ined of 20MW & shows	360.00	:	13.26		1.24		0.49		3.47		18.46	i .	1		Ĺ	
J. J	i	1	!	i		- 1		i					i ·	1		1	
10	From supply at 11.33 kV	340.00	i	13.38		1.24		0.49		3:47	l	16.36		i		1	
	For supply at \$6 kV & shows	360.00	}	13.28		1.34		0.49		3.47	!	18.46		1		1	
J.3	1			ĺ		i		- 1		1			•••			1	
	For supply at 11.23 bV	3+0.00	í	13.35		1.24		0.49		3.47		18.56		:		i	
( h	Far supply at 68 bV & above	260.00		13.25		1.24		0.49		2,47		18.46	:	1		1	
	i		L			!							i	L		1	
	ITime Of Use	1 1	Prek	Dil Pesk	Prek	Dri Post	Feek	Off-Peak	Peak	Off-Peah	Prob	Off-Penk	:	Penk	Off Peek	Frak	Off Peak
J -1(b)	For supply at 66 hV & shove and having												·			1	
	stactioned load of 20MW & above	360,00	16.76	10.85	1,24	1.24	0.49	0.49	3.47	3.47	31.96	16.06		1 :		1 !	
	For supply at 11,22 kV	360.00	16.78	11.06	1.24	1.24	0.49	0.49	3.47	3.47	21.96	, 18.26	-	1 1		( )	
J.2 (4)	Fur supply at 66 hV & stove	360.00	16.76	LD.66	1.24	1.24	D.47	0.49	3.47	3.47	21.94	16.06	i	1 .		1 1	
J-3 lel	For supply of 11.33 hV	300.00	16.76	11.06	1.24	1.24	D.49	D.49	3.47	. 3.47	21.96	16.20		1 -1		1 1	
J. 3 141	For supply at 66 hV & shove	i 360.00	16.76	t0.86 !	1.24	1.24 .	0.46	0.47	3.47	3.47	21.96	16.06	:	1 1		1 1	

Nate Teriff under Column A and F of Annea. Ill abul rammin applicable, lift was you from the date of acceptionation. Column C. O. & and F of Annea. Ill abul rammin applicable, lift has a post of a contraction of the column C. O. & and F of Annea. Ill abul sequence of the column C. O. & and F of Annea. Ill abult sequence of the column C. O. & and F of Annea. Ill abult sequence of the column C. O. & and F of Annea. Ill abult sequence of the column C. O. & and F of Annea. Ill abult sequence of the column C. O. & annea. Ill abult sequence of the column C. O. & annea. Ill abult sequence of the column C. O. & annea. Ill abult sequence of the co

Rets. - Fernium-betum Surcharge: at the rate of Re. 0.10/kWh applicable on all electricity consumers can pt lifeling demonite enhances of the category "Randontial A.1" for electricity cold.

- Financing Cost Surcharge: at the rate of Re. 0.43/kWh applicable to all the of electricity consumers sacrept lifeling demonite consumers of the category "Randontial 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  $UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.0205)} \times AFI(T) \quad Paisa/kWh$
  - ii) Where only 11 kV distribution systems is involved.

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

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

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

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 $10^{\rm th}$ July and $10^{\rm th}$ 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 $10^{\rm th}$ July and $10^{\rm th}$ 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 10th July and 10th 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 10th July and 10th 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		

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

- II. The impact of PYA amount of Rs.5,189 million already built in the HESCO's redetermination 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

Fuel Price variation = Actual Fuel Cost Component - 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.

# 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;

Quarterly/Biannual PPP (Adj )= PPP(Act) (excluding FCC)-PPP(Ren (excluding FCC) (1-T&D Loss %) – (Life line Consumption %)

# Where:

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.

PPP(Ren) 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 (Adj)

# Where;

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.

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

	Sa	. 7						PYA 2	2016	Wri	te off	PYA	2017	Tota
Description	Sa 			Revnue		Base								
Description	GWh	% Mix	Fixed Charge	Variable Charge	Tetal	Fixed Charge	Variable Charge	Amount	Variable Cherge	Amount	Variable Charge	Amount	Variable Charge	Fixed Charge
	L			Min. Rs.		Rs./kW/ M	Rs./ kWh	Min. Rs.	Rs./ kWh	Min. Rs.	Rs / kWh	Min. Rs.	Rs./ kWh	Rs./kW/ M
esidential														
Up to 50 Units	110	2.55%		440	440		4.00	-	-			-	•	
For peak load requirement less than 5 kW	•							* 0.07	1 22	431	0.49	3.053	3.47	
01-100 Units	880	20.41%		9,912	9,912	ļ i	11.27 14.77	1,082	1 23 1.23	200	0.49	1,418	3.47	
101-200 Units	409	9.48%	-	6,035 6,004	6,035 6,004	1 !	15.17	487	1.23	194	0.49	1,373	3.47	
201-300 Umts	396	9.18%		4,180	4,190		15.77	326	1.23	130	0.49	922	3.48	
301-700Units	265	6.15%			2,663		18.78	197	1.24	78	0.49	553	3.48	
Above 700 Units	159	3.69%		2,663	2,003	ļ	10.70	137	1.67		0.43			
For peak load requirement exceeding 5 kW}	l			242	242		18.78	18	1.24	7	0.49	50	3.47	ļ
Time of Use (TOU) - Peak	14		-	242 709	242 709	į l	11.26	78	1.24	31	0.49	219	3.47	
Time of Use (TOU) - Off-Peak	63 0			709			17.06		1.24		0 49		3,47	
Temporary Supply	2,296	53.26%	<u> </u>	30,185	30,185			2,691		1,071		7,588		
Total Residential	2,230	33.20%	•	30,103	30,103			-,		.,				
ommercial - A2	137	3.17%		2,195	2,195	T	16.06	169	1.24	87	0.49	474	3.47	Γ
r peak load requirement less than 5 kW	137	3.1776		2,193	2,195		10.00			-			-	l
n peak load requirement exceeding 5 kW	١.				106	400	14.06	8	1.24	3	0 49	23	3 4 7	400
Regurar	37		11	95 817	106 617	1 400	16.78	46	1.24	18	0.49	128	3.47	1 700
Time of Use (TOU) - Peak			1		1,837	400	11.26	173	1.24	68	0.49	483	3.47	400
Time of Use (TOU) - Off-Peak	139			1,568	1,837	400	16.06	1/3	1.24	0	0.49	2	3.47	}
Temporary Supply	1	0.02%			4,766	<u> </u>	10,00	J97	1.2.4	157	0.70	1,111		L
Total Commercial	320	7.43%	280	4,486	4,708			33/		101		-11111		
enoral Services-A3	129	3.00%		1,637	1,637	Γ	12.88	160	1,24	63	0.49	449	3.47	
			<del></del>		<del></del>	<del></del>								
dustrial	164	3.80%	T .	2,220	2.220	1	13.58	203	1.24	80	0,49	566	3.47	
B1	12		1 :	203	203	1	16.76	15	1.24	6	0.49	42	3,47	1
B1 Peak B1 Off Peak	58			854	654	}	11.26	72	1.24	28	0.49	202	3.47	1
82	14			187	211	400	13,06	18.	1.24	1 7	0.49	50	3.47	400
	47			788	788		18.76	58	1,24	23	0.49	163	3.47	
82 - TOU (Peak) 82 - TOU (Off-peak)	257		1	2.840	3,501	400	11.06	318	1.24	126	0.49	891	3.47	400
63 - TOU (Peak)	38			643	643		18.76	48	1.24	19	0.49	133	3.47	
B3 - TOU (Off-peak)	214			2,322	2,779	380	10,86	265	1.24	105	0 49	742	3,47	380
B4 - TOU (Peak)	19			311	311	i	16.76	23	1.24	9	0 49	64	3.47	l
B4 - TOU (Off-peak)	108			1,185	1,287	360	10.76	134	1.24	53	0.49	376	3.47	360
Temporary Supply		0.00%		1	1	<u> </u>	13.56	0	. 1.24	0	0.49	. 0	3.47	<u> </u>
Total Industrial	931	21.60%	1,264	11,335	12,598			1,155		456		3,231		
Single Point Supply for further distribution									·	ir.	,	·		·
C1(a) Supply at 400 Volts-less than 5 kW	1 2	0.06%	-	35	35		14.06	. 3	-1.24	1	0.49	9	3,47	1
C1(b) Supply at 400 Voits-exceeding 5 kW	29	0.68%	36	396	431	400	13.56	38	1.24	14	0 49	101	3 47	400
Time of Use (TOU) - Peak	1 -		1	79	79		16.76	6	1.24	. 2	0 49	10	3.47	į.
Time of Use (TOU) - Off-Peak	22			243	274		. 11.26	. 27	1.24	-10		75	3.47	400
C2 Supply at 11 kV	21		19	280	299	380	13.36	26	1.24	- 10		73	3.47	380
Time of Use (TOU) - Peak	4	•		70	70		16.76	5	1.24	. 2		14	3.47	3.07
Time of Use (TOU) - Oft-Peak	18	0 42%	25	200	225		. t1.06	22	1.24	.9	0.49	63	3.47	380
C3 Supply above 11 kV	1 :	0.07%	4	41	44	360	13,26	. 4	. 1.24	1 2		11	3 47-	380
Time of Use (TOU) - Peak				-		1	16.76		1.24	1			3 47	200
Time of Use (TOU) - Off-Peak	(	0.00%			<u> </u>	360	10.86	<u> </u>	1.24		0.49	<u> </u>	3.47	360
Total Single Peint Supply	104	2.42%	113	1,343	1,457			129		· 51	.~	362		
gricultural Tube-wells - Tariff D							<del>,</del>	,			T	200	2.47	
Scarp	241			3,381	3,361		13.56	307	1.24			860 30	3,47	
Time of Use (TOU) Peak	1 3			148			18.76	11	1.24	21	0.49	151	3.47	20
Time of Use (TOU) - Off-Peak	4						10.86 13.06	54 105	1.24 1.24			293	3.47	. 20
Agricultual Tube-wells	8-				1			28	1.24	111	1	80	3 47	
Time of Use (TOU) - Peak	2			365	385		16.78 10.86	. 96	1.24			270		20
Time of Use (TOU) - Off-Peak	71						10.86	602	1.24	238		1,683		
Total Agricultural	485						15.06	50	1.24				3 47	1
Public Lighting - Tariff G	4			612 62			15.06	5			0.49		3.47	
Residential Colonies Sub-Total	45			874				55	<del></del>			155		
Special Contract - Tariff-J	4.	1.047	•	0.4	•					~				
J-1 For Supply at 56 kV & above	т	0.009	61 -	· ·	T .	360	13.26	-	1.24	1 7	0.49	-	3.47	
Time of Use (TOU) - Peak		0.003		-			16.76		1.24	1			3.47	
Time of Use (TOU) - Off-Peak		0.009		1 -	-	360	10.86		1.24		0 49	1	3.47	
J-2 (a) For Supply at 11, 33 kV	1 .	0.009			-	360			1.24		0.49		3 47	1
Time of Use (TOU) - Peak	-	0.005				1	16.76		1.24		0.49		3.47	
Time of Use (TOU) - Off-Peak		0.00	% -		-	380	1	1	1.24		0.49	li .	3.47	
J-2 (b) For Supply at 66 kV & above	-	0.009	٠. ا			360			1.24		0.49		3.47	
Time of Use (TOU) - Peak		0.009	* ·		-	I	16.76	1	1.24		0.49		3.47	
Time of Use (TOU) - Off-Peak	-	0.009	× -	-		360			1.24		0.49		3.47	
J-3 (a) For Supply at 11, 33 kV	-	0.00	% ·	-	-	360			1.2		0.49		3.47	
Time of Use (TOU) - Peak		0.00		-		i	16.76		1.2		0.49		3.47	
Time of Use (TOU) - Off-Peak		0.00	1		-	380			1.2		0.49		3.47	
J-3 (b) For Supply at 66 kV & above	1 .	0 00			•	360			1.2		0.49		1	
Time of Use (TOU) - Peak	-	0.00		-		380	16.78		1.2		0.49		3.47	
Time of Use (TOU) - Off-Peak		0.00	المه											

Total Revenue 4.310 100.00% 1.787 55,969 57,755 5,189 2.059 14,582

Tarriff mentioned under Column "Total Tarriff" 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 tarriff mentioned under Column "Base T shall remain applicable till the same is superseded by next notification.

49,664

4,573

4,245

3,507

3,763

4,476

4,581

# **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 <b>.50</b> 5
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	ρ.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

3,433

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

3,684

4,327

PPP

4,313

4,318

4,443

# 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:

	* PEAK TIMING	OFF-PEAK TIMING
Dec to Feb (inclusive)	5 PM to 9 PM	Remaining 20 hours of the
day		
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-

<sup>\*</sup> 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-l(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-I SUPPLY AT 400/230 VOLTS

- I. 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-I(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 reconnected 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.

[Tariff-2015-16]

(Syed Mateen Ahmed)
Section Officer (Tariff)

# Government of Pakistan Ministry of Energy

Islamabad, the 22nd March, 2018.

# NOTIFICATION

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. 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.

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i i	Fet Cuantaption exceeding 50 Units	!		ŀ		1				1		1				- 1	
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1		M/W4/eA	*8	TM4/	*H	444	B	4M4/	- W	9,65 9/1	/-8	947	W/M4/43	ъ ј	₹/A.9/	·*	TAT
1	1					i						i	Charges	но і	2308A		ERGEN
	TARIFF CATE CORY / PARTICULARS	CPR Ess	CHY	BROKE		97.02		Served Di		1108 A	CP	***	Sox17	74	MIABLE	IYA	3,5417
1		bend T	MA V	TIEV!	*14	9102			~	2.02	lassT	bldei ta V	<b></b>	Appens		10.4	cperta
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# SCHIZORIA DE LA SIGNICATA E ARRIVAL.

														GoP To	eiff Retionth	atlon	
i Br. No.	TARIFF CATEGORY / FARTICULARS	Fixed Charges		IASLE ARGES	PT	2016	Write	off Charges	PY	A 2017		Variable arres		Subsedy		Su	rcharge
1	TARRY CATEGORY / PARTICULARS				_				_			-	Fixed Charges	СН	RIABLE	CH	RIA BLE IARGEB
	<u> </u>	Rs/kW/M		/kWh		/kws	<del></del>	s/kWh	<del></del>	e/kWb		/hwh	Re/LW/M		e/kWh	R	e/kWb
·	<u> </u>						<u> </u>		-	-							
D-14e1	SCARP less than 3 bW		i	11.51		[1.04]		0.01	ĺ	1,75		12.33	i		0.33		
0.3 (+)	Agricultural Tube Walls	250.00		11.61		[1.04]		0.01	1	1.75	i	12.33			0.03		
	1	!	Pesh	Off-Punk	7eek	Off-Feek	Pest	Off-Peak	Pech	Off Peak	7 b	Off-Peak		Peak	Off-Peek	Puch	Off-Peek
0-1(0)	SCARP 5 hW & shove	200.00	18.51	7,64	[1.04]	(1.04)	0.51	8.01	1.75	1.75	16.23	8.34		1,23			
D-2 (b)	Agricultural SkW & abers	200.00	15.31	7,64	(1.04)	(1.04)	8.01	0.01	1.75	1.75	16.23	3.34		5.15			

is addition to above mentioned subaidy on variable charges, the fixed charges applicable to private egriculture consumers under tariff D-2 and D-1 (b) is cless picked by GoP as Subaidy.

Under this teriff, therd shall be minimum meathly charges Re.2000/- per consumer per meath, oran if so energy in consumed Note: The consumers having deactioned leed less than 5 kW one opt for TOU metering.

Rote: Tariff ander Calum A and F of Amana-III shall (femals applicable for one year from the date of antification. Column C, D. E and F of Amana-III shall come to exist after one year and only Colum A and B of Amana-III shall remain applicable, till the same is supermoded by a next excellention.

									GoP Turiff Resident	etisa
Sr. No.	TARIFY CATEGORY / PARTICULARS	Fixed Charges	VARIABLE CHARGES	PYA 2016	Write-off Charges	PYA 2017	Total Variable Charges		Sabuldy	Eurobarg.
	TARIFY CATEGORY / FAMILE DANS		CAROL					Flavd Charges	YARIABLE CHARGES	VARIABLE CHARGES
1 1		Re/bW/M	Re/hWh	Re/hWh	Re/kWb	Re/hWh	Rs/hWh	Rs/kW/M	Rs/aWh	Re/hWb
		Α	1	Ç	D	T .	,			
E- 110	Residuatial Supply		15.79	[1.04]	5.01	1.75	16.51		i	5.75
E-1(11)	Commercial Bupply		15.79	[1.04]	0.01	1.75	16.51	l	1	5,84
L-2	industrial Supply		15.79	[1.04]	8.0 t	1.75	16.51	L		3.34

For the sategories of E. t(ibit) above, the minimum bill of the concomers shall be Rt. 50/- per day subject to a minimum of Rt. 500/- for the satire period of supply, even if

Note: Tariff under Colum A and F of Annea: ill that remain applicable for one year from the date of antification. Colum C. D. E and F of Annea: ill shall conne to saint effort one year from the date of antification.

125% of relovant industrial tariff.

Tariff-F consumers will have the option to convert to Repulse Tariff and vies verse. This option can be exercised at the time of a new seasoction or at the beginning of the season. Once unsersized, the option remains in force for at least one year.

		VARIABLE				Tetal Variable		GoP Toriff Ratinglia	mtios
Se, No. TARIFF CATEGORY / PARTICULARS	Fixed Charges	CHARGE	PYA 2016	WrRe-off Charges	PYA 2017	Charges	•	hebaidy	Burcherge
	Rs/hW/M	Ro/hWh	Re/hWh	Re/hWb	Re/hWh	Re/kWb	Fixed Rs/hW/M	VARIABLE Ra/kWh	VARIABLE Re/bWb
·	A A	- Xe/8 W = - 6	C C	D D	# # # # # # # # # # # # # # # # # # #	7.V/2.4.1	RE/EW/RE		,
Street Lighting		11.54	(1.04)	0.01	1.78	12.36			2.74

Under Turiff 0, there shall be a minimum monthly charge of Re-800/- per month per kW of lamp capacity installed.

Reto Turiff under Calum A and F of Annan-III shall remain applicable for one year from the date of mulliculars. Calum C, 0, E and F of Annan-III shall once to saint often year from the date of mullicular. Calum C, 0, E and F of Annan-III shall once to saint often year from the date of mullicular of a Annan-III shall remain applicable. Ill the same is mapereded by a send satisfaction.

								'Gof Tariff Relievil	salloa .
MAL TARIFF CATEGORY / PARTICULARS	Fixed Charges	VARIABLE CHARGES	PYA 2016	Write-off Charges	PYA 2817	Total Yariable Charges	, ''	bellisty	*archarg*
i							Fined	VARIABLE CHARGES	VARIABLE CHARGES
. !	Re/EW/M	Ro/hWh	Rs/hWh	Re/hWb	R./hWh	R-/bWb	Re/kW/M	Re/kWh	Re/hWh
		)	c	D	E .	7		NL.	
Residential Colonies attached to industrial		11.54	(1.04)	5.01	1,75	12.26			2.74

Nets: Tariff under Colum A and F of Anna-ill shall remain applicable for any tar from the date of cotification. Colum C, D, S and F of Anna-ill shall come to exist after one year and only Colum A and S of Anna-ill shall come to expect the same is experted by a next setification.

name year and only Column A and a of Amana-III shall remain applicable, till the same is supercoded by a next estification. Column C, D, E and F of Amana-III shall be considered by a next estification.

	1												Gef Tariff Rationlivetion				
	FIXED	VAS	HABLE				# CL			Total	Variable		Bubaidy		Buc	charge.	
r. No. TARIFF CATEGORY / PARTICULARS	CHARGES			, PT/	PYA 2016 W		PYA 2016 Write-off Charges			PYA 2017 Charge		-	. FIXED CHARGES	VARIABLE CHARGES		VARIABLE CHARGES	
	Re/LW/M	R.	/kWh	R.	/kWh	R:	/EWE	R	e/kWh	R.	/kWk	Re/NW/M	1	Re/hWh	R:	i/bWb	
			1		C		D		E		7						
. For supply at 66 ht & above and having	360.00		11.51		[1.04]		5.01		1.75		12.23						
sauctioned load of 20MW is above	1																
			11.61		(1.04)		0.51		1.75		12,33		1				
(a)   For empply at 11,39 hV	380.00							i									
(b) For supply at 66 kV & above	360.00		11.51		(1.04)	i	0.51		1.75		12.23			•			
· ·	į.								1			,	1				
(a) For supply at 11,33 hV	380.00		11.61		[1.04]	!	0.01		1.78		12,33		1		1		
[b] For supply at 66 hV & above	360.00		11.51		[1.04]	1.75		1,75	12.23			1					
Time Of Use		Poob	Off-Peak	Peak	Off-Peak	Polk	Off-Peak	Pank	Office	Peab	Off-Feek		Peak	Off-Peah	Poul	80.7	
(b) For supply at 66 hV & above and having	360,00	13.51	7.44	(1.04)	(1.04)	0.51	0.01	1.75	1.79	10.23	4.14					1	
susctioned long of 30MW & shore				1 1		) !		i	i			i	1	1		1	
ici For supply at 11,33 hV	380.00	15.51	7.54	(1.04)	11.041	0.01	0.01	1.75	1.75	10.23	8.24		1	1		1	
(d)   For supply at 66 kV & shows	360.00	15.51	7.44	(1.04)	[1.04]	5.01	0.01	1.78	1.75	16.23	8.16		.l.	L	! !	1	
(c) For supply at 11,33 hV	380.00	15.51	7.54	(1.04)	[1,54]	0.01	0.01	1,75	1.75	16.23	8.26		1	1		1	
3 (d) For supply at 66 kY & above	360.00	16,51	7.44	(1.04)	11.041	5,01	0.01	1.75	1.75	16.23	6.16	1	1	1	}	1	

J.3 [6] For supply all 64 hV is above 360.00 [1.51] 7.44 [1.04] [1.04] [5.01] 0.01 [1.75] 1.75 [16.23] 5.14 [1.04] 5.01 [1.04] 5.01 [1.05] 5.01 [1.75] 1.75 [16.23] 5.14 [1.04] 5.01 [1.04] 5.01 [1.05

# 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

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

ii) Where only 11 kV distribution systems is involved.

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

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

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

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	994	1210	1443	1670	1993	7309
& Rehabilitation)						
Vehicles and Tools	254	*269	240	218	.199	1180
&Plants		5.4			:	
Civil Works	380	382	344	146	148	1400
ERP Implementation	300	. 0	0	0	. 0	300
ELR & Commercial	42	525	525	900	- 1200	3192
Improvement					11.5	
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
		Di li	the month
Variable O&M	3,483	Biannually, as per the approved mechanism.	Request to be furnished by the FESCO not later than 10th July and 10th January, as the case may be.
Capacity Charges	29,704	Biannually, as per the approved mechanism.	Request to be furnished by the FESCOnot later than 10th July and 10th January, as the case may be.
Use of System Charges	3,775	Biannually, as per the approved mechanism.	Request to be furnished by the FESCOnot later than 10th July and 10th January, as the case may be.
T&D Losses	10.24%	Biannually, as per the approved mechanism.	Request to be furnished by the FESCOnot later than 10th July and 10th 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 7th July every year.
Post-Retirement benefits	3,242	As per the decision	<del></del>
Repair and Maintenance	576	Annually, as per Annex-VI	Request to be submitted by FESCOby 7th July every year.
Other operating expanses	1,074	Annually, as per Annex-VI	Request to be submitted by FESCOby 7th July every year.
Depreciation	1,905	Annually, as per Annex-VI	Request to be submitted by FESCOby 7th 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	7.01%	Bi-Annually, as per the decision.	
(In case of foreign financing the Authority may allow the adjustment of LIBOR)			

# 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)	derija da
	PYA to be recovered / (passed on) as per re-determination Sep. 18, 2017	·· (1 <b>0</b> ,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 (Life Line, Agri and Domestic Consumers upto 300 units)	(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 redetermination 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 consumerend 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

Fuel Price variation = Actual Fuel Cost Component - 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.

# 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;

Quarterly/Biannual PPP (Adj) = <u>PPP(Act)</u> (excluding FCC)-PPP(Ref) (excluding FCC) (1-T&D Loss %) – (Life line Consumption %)

Where:

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.

PPP(Ren 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 (Adj)

Where;

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.

 $\bigvee$ 

# Falsalabad Electric Supply Company (FESCO) Estimated Sales Revenue on the Basis of New Tarlff

6	Sa	les		Revnue		Base 1	Tariff	PYA	2016	Wri	ite off	PYA	2017	Tota	l Tariff
* Description	GWh	% Mix	Fixed Charge	Variable	Total	Fixed Charge	Variable	Amount	Variable	Amount	Variable	Amount	Variable	Fixed	Varia
	L		l	Charge Min. Rs.		Rs./kW/ M	Charge RsJ kWh	Min, Rs.	Charge RsJ kWh	Min. Rs.	Charge Rs./ kWh	Min. Rs.	Rs./ kWh	Charge Rs./kW/ M	Rs./ kt
Residential								innu ive.			1142 47711	min. N3.	IVAN KAAN	PCS./KYV/ M	P(\$/ K)
Up to 50 Units	293	2.87%	- 1	1,172	1,172		4 00					· · · · ·		· · · · · · · · · · · · · · · · · · ·	1 4
For peak load requirement less than 5 kW	1		l i	i		!		i							[ "
01-100 Units	1958	19.17%	- 1	19,553	19.553	1 1	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 73		14
301-700Urits .	491 108	4.81%	:	7.212	7.212	1	14.69	(510)	(1 04)	15	0.03	845	1 72		15
Above 700 Units  For peak load requirement exceeding 5 kW)	100	1.05%	'	1,699	1,699		15.79	(112)	(1.04)	3	0.03	186	1.73		16
Tima of Use (TOU) - Peak	14	0.13%		218	218		15.79	(14)	(1.04)	0	0.01	24	1 75		۱
Fime of Use (TOU) - Off-Peak	64	0.63%		557	557	1	8 64	(67)	(1.04)	1	0.01	113	1.75		18
Temporary Supply	0	0.00%		4	4		15.79	(0)	(1.04)	0	0.01	a	1.75		16
Total Residential	4,752	46.55%	· · · · · · · · · · · · · · · · · · ·	55,747	55,747	·		(4,630)		113		7,768			1
Commercial - A2												.,			
For peak load requirement less than 5 kW	301	2.95%		4,418	4,418	1	14.69	(312)	(1.04)	3	0 01	526	1 75		15
E-in peak lond requirement exceeding 5 kW			1					,,		` i	•••	320	,		'`
Regular	3	0.03%	7	42	49	400	14.54	(3)	(1.04)	0	0.01	5	1.75	400	15
fime of Usa (TOU) - Peak	40	0.39%		625	625		15 79	(41)	(1.04)	0	0.01	69	1.75	}	16
Time of Use (10U) - Off-Peak	182	1.78%	456	1,573	2,028	400	8.64	(189)	(1.04)	2	001	318	1.75	400	9
Lemporary Supply	11	0.11%	<u>                                       </u>	179	179		15.79	(12)	(1.04)	0	0.01	20	1 75		16
Total Commercial	537	5.26%	462	6,638	7,300			(557)		5		939			
General Services-A3	41	0.40%		543	543	T	13.29	(42)	(1.04)	0	0.01	71	1.75	· · · · · · · · · · · · · · · · · · ·	14
Industrial		2, 10/1	·		<del></del>	<u> </u>	15.23	(-2)	(1.04)		V.01	· · · · ·	1.75	L	<u>`</u>
B1	109	1.07%	T	1,286	1,286	<del></del>	11.81	(113)	(1.04)	1	0.01	191	1.75		12
B1 Peak	43	0.43%	! .	674	674		15.51	(45)	(1.04)	o	0.01	76	1.75		16
B1 Off Peak	266	2.61%	1 .	2,063	2,063	]	7,74	(277)	(1.04)	3	0.01	466	1,75		1 8
B2	13	0.13%	17	152	169	400	11 31	(14)	(1.04)	0	0.01	24	1 75	400	12
82 - TOU (Peak)	210	2.06%		3.261	3,261	1	15.51	(218)	(1.04)	2	0.01	368	1 75		16
B2 - TOU (Off-peak)	1375	13,47%	2,303	19,506	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	7,587	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
84 - TOU (Off-peak)	559	5.48%	528	4,161	4,689	360	7.44	(580)	(1 04)	- 6		979	1.75	360	8
Temporary Supply  Total Industrial	3,769	0.00%	3,990	32,577	36,568	L	15.79	(0)	(1 04)	0 38	0.01	6,595	1.75		16
Single Point Supply for further distribution		30.31 /4	3,330	32,377	30,500			[3,312]				6,383			
C1(a) Supply at 400 Volts-less than 5 kW	0	0 00%		2	2	T	12.31	(0)	(1 04)	0	0.01	D	1.75		13
C1(b) Supply at 400 Volts-exceeding 5 kW	2	0 02%	4	19	23	400	11.81	(2)	(1 04)		0.01	3	1,75	400	12
Time of Use (TOU) - Peak	3	0.03%		43	43	1	15 51	(3)	(1.04)	.0	0.01	5	1.75		1.5
lime of Use (TOU) - Off-Peak	13	0.12%	25	98	122	400	7.74	(13)	(1.04)	0	0.01	22	1 75	400	
C2 Supply at 11 kV	4	0.04%	4	46	50	380	1181	(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	10.0	153	1 75	380	8
C3 Supply above 11 kV	20	0.20%	40	235	274	360	11.51	(21)	(1 04)	. 0	0 01	36	1.75	760	12
Time of Use (TOU) - Peak	33 165	0.32%	121	509 1.225	509	360	15,51 7.44	(34)	(1,04) (1,04)	0	. 0 01	57 288	1.75	360	16 8
Time of Use (TOU) - Off-Peak	343	1.61% 3.36%	297	3,099	1,345	360		(171)	(104)	3		601	1.73	300	٠
Total Single Point Supply Agricultural Tube-wells - Tariff D	343	3.36%	297	3,033	3,355			(220)		3					
Scarp	11)	0.11%	· · ·	128	128	1	11.51	(11)	(1.04)	. 0	0.01	19	1.75		12
Time of Use (TOU), Deak	3	0.03%	.	51	51		15.51	(3)	(1.04)		0.01	6	1.75		. 16
Time of Use (TO⊎) - Off:Peak	32	031%	35	243	278	200	7.64	(33)	(1.04)	. 0	0.01	56	- 1,75	200	1 5
Agricultua, 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 15%		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	1,025	1.75	200	8
Total Agricultural	756	7.40%	1,233	6,797	6,030			(785)		- 8		1,323	1.75		
Public Lighting - Tariff G Fariff H - Residential Coloniss attached to industries	8	0.08%		89	89	j	11.54	(8)	(1.04)		- 0 01	13	1./5		12
The state of the s	5	0.04%		52	52	1	11.54	(5)	(1.04)	. 0	0.01	8	1 75		12
Sub-Total	12	0.12%		141	141			(13)		G		21			
Special Contract - Tarlff-J	·		·			· · · · · · · · ·							. 70	200	
J-1 For Supply at 66 kV & above	•	0.00%		-	•	360	11.51	.	(1.04)	.	0.01	•	1.75 1.75	360	12
Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak		0.00%	1		•	360	15 51 7 44		(1 04) (1 04)		0 01 ~0 01		1 75	360	16
J-2 (a) For Supply at IT, 33 kV		0.00%		.	•	380	11.61	; ; [	(1 04)		. 0.01		1 75	380	12
J-2 (a) For Supply at FF, 33 kV Time of Use (TOU) - Peak	:	0.00%				,,,,	15.51	: !	(1 04)	:	0.01		1 75	300	18
Time of Use (TOU) - Off-Peak		0.00%		.		380	7.54		(1.04)		0.01		1.75	380	8
J-2 (b) Fire 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%	•	. [		i !	15.51		(1.04)		0.01		1.75		16
Time of Use (TOU) - Off-Peak		0.00%		.		760	7.44	• 💉	(1.04)		0.01		1.75	360	
J-3 (a) For Supply at 11, 33 kV		0.00%	1 - 1	- 1	•	380	11.81		(1.04)		0.01	٠.	1.75	360	1 17
Time of Use (TOU) - Peak		0 00%		- 1	•	1 1	15.51		(1.04)	- 1	0.01		1 75		
Time of Use (TOU) - Peak Time of Usa (10U) - Off-Peak		0.00%	-			380	7.54		(1.04)		0.01		1 75	380	8
Time of Use (TOU) - Peak			1 . [		:	380 360		i i		:				380 360	

Total Revenue 10,210 100.00% 5,983 105,741 111,722 (10,295) 161 17,318

Fariff 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.

99,785

8,995

# **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
						<u> </u>		<u> </u>					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
U5CF	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
				•	,:		:						
				٠.			÷.						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	<b>2</b> 55	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
USCE	307	323	337	310	705	207	275	700	310	317	344	349	3.775

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

7,176

7,805

7,806

7,403

8,641

8,745

8,313

8,419

8,430

8,439

# 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:

	* PEAK TIMING	<b>OFF-PEAK TIMING</b>
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	<b>-d</b> o-
Sept to Nov (inclusive)	6 PM to 10 PM	-do-

<sup>\*</sup> 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 7th 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-l(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-I 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-l(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 II 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:
  - 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-parts wh 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.Ū) 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**

- I. "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 reconnected 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

#### I-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&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 1st July against the CPI as on 1st

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<sub>(Ref)</sub> = 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:

$$DEP_{(Rer)} = DEP_{(Ref)} \times \frac{GFAIQ_{(Rer)}}{GFAIQ_{(Ref)}}$$

Where:

DEP<sub>(Rev)</sub> = Revised Depreciation Expense for the Current Year

DEP<sub>(Ref)</sub> = 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

# OTHER INCOME

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

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

Where:

= Revised Other Income for the Current Year  $OI_{(Rev)}$ 

= Actual Other Income as per latest Financial Statements.  $OI_{(1)}$  $OI_{(0)}$ 

= 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.)
1	New							
a)	132 kV	15	719.00	3	4	3	4	1
2	Conversion							· · · · · · · · · · · · · · · · · · ·
a)	66 to 132 kV	5	81.22	3	1	1	0	0
3	Augmentation						4.4	
a)	132 kV	_ 33	459.00	1	10	4 .	9	9
b)	66 kV	-	13.80	-	-		_,	-
4	Extension (T/Bay	)				· · ·		
a)	132 kV	13	261.00	2	4	1	1	5
5	Extension (L/Bay	)						
a)	132 kV	35	_	. 13	10	6	4	2
6	Sub-Total	101	1534	22	29	15	18	17

#### 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
3	Sub-Total	447.5	99.5	91	134	98	25

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 #	1 location	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	1.20	100	750				
	Sub Total	Nos.	1903	1710	1555	1365	1115	7648				
	11 kV Panels for											
4	replacement and	Nos.	20	17	16	17	15	85				
	Bifurcation of feeders											
B.	B. Scope of work for LT Rehabilitation											
	LT Line Rehabilitatio	n										
1	Number of Proposals	Nos.	700	750	800	850	900	4000				
<u></u>	New LT Lines	KM	530	557	592	629	<b>6</b> 66	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	Uni			Quar	tities		.B
#	Description	t	2015-16	2016-17	2017-18	2018-19	2019-20	Total
	HT Mapping							
1	Number of 11 KV Feeders	Nos	165	331	83	83	83	898
	Length of HT Lines mapped	KM	9 <b>6</b> 00	19200	4800	4800	÷ 4800	48083
	LT Mapping							
2	Number of LT Lines	Nos	-	-	4500	5600	- 8400	18500
	Length of LT Lines mapped	Nos	-	-	1900	2400	3600	7900
	Tools Required	1	L <del></del>	\		- 17	······································	
3	GIS mapping software Licences	Nos	1	1	1	-	_	3
	Hardware including plotters, computers, GPS devices etc.	Nos	1	1	1	_	_	3

Stu	dy Based Planning using GIS	Maps	with Moo	dern Plan	ning Too	ls-Transi	tion Plan	
	HT							
1	Circles	Nos	165	331	83	83	83	898
		<u> </u>			<u></u>			
	LT Mapping							
2	Number of LT Lines	Nos	_	-	4500	5600	8400	18500
	Tools Required						-	
	Simulation software Licences	Nos	2	2	2	2	2	10
3								
	Hardware including plotters,	Nos	1	1	1	1	1	5
	computers etc.	<u> </u>						

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

# A-5.1 Projects to Reduce Metering Complaints/Errors

(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
В	New CIS system			Cost i	s included in	ERP	.~ ' <b>\</b>	
С	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.			f 1st circle umer	Census of	0.00	
Е	Anti-theft efforts		Checking of 100% Industrial connection and 25% others through FESCO staff					
F	IT infrastructure to support new initiatives	S	Setting of control for reading of AMR/AMI meters					

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:

#	Description	Unit			Ţ			Quar	ntities		· · · · · · · · · · · · · · · · · · ·			····
		-	201	5-16	201	6-17	201	7-18	2018-19		2019	9-20	To	tal
			STG	ELR/ S	STG	ELR/	STG,	ELR/	STG	ELR/	STG	ELR/		ELR/
1	Single Cabin Pick-up	No.	02	14	Manosa	DOP	A Samuel Control of the Control of t	DOP	510	DÖP	SIG	DOP	STG	DOP
2	Double Cabin Pick-	No.			0.02	11	(3. U <b>1</b> )	04	01	05	-01	05	07	40
<u></u>	up		01	01	0	01	01	01	0	0	0	0	02	03
3	Trucks	No.	02	03	<b>3.</b> 04.4	06	# <b>0</b> /2	06			A CAR			
4	Crane 20 Tons	No.	0.5	01	0.87	0	97	00		06	## 02	03	416	24
5	Crane 40 Tons	No.	01*2	0	0.3	0	0	0	U V	0	<b>30.9</b>	0	0.7	01
	Total	No.	07	24	12	21	12		U	0	(#50 sa	0	010	0
			1277 4 (DEPARTED )		30 may 1849.		12	12	*** 08	13	04	12	43	82

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

S. # Description	at Sub-Division	Level:				
S. # Description  1 Bucket Mounted Trucks	<b>2015-16</b> 30	<b>2016-17</b>	<b>2017-18</b> 30	2018-19	2019-20	Total
A-6.3 Vehicles Parried C. O.S.			30	30	30	150

A-6.3 Vehicles Required for Officers and Staff:

#	Description	Unit		Quantities										
			2015-16		2016-17		2017	-18	2018-	10	2010	20	77.	
1	Suzuki Cultus Car	No.	02.1	02	02	02	35.01	02	2010		2019-	20	To	tal
2	Toyota Car (XLI)	No.	00.2	00	01		01		(i) (U)	00	<b>4.00</b>	0	05	0
3	Motor Cycle	No.	2000 P			01	. U1	01	-200	00	00	0	02	02
	Total		02	20	14,	10	. 05:	05	00	00	340	0	15.00	3.
	Total	140.	02:1	22	13	13	07.	08	00%	04	# £00 %	00	222	43

#### A-6.4 Tools and Plants:

							(Rupees)
S. #	Description	2015-16	2016-17	2017-18	2018-19	2019-20	Total
Tools	s & Plants						<u> </u>
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 Ampt 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)	<b>3</b> 8896	38896	38896	38896	27456	183040
13	Chain Pullley Block (3 Ton)	25942	25942	25942	25942	18312	122080
14	Chain Plley 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 Personal Protective (T&P) Safety Hat Insulated Line Man Safety Belt Protective Rubber Gloves (Pair) Protective Lather Globes (Pair) Line Man Safety Boots (8,9,10 Size)

6	Live Wire Tester (4000	368	368	460	368	276	1840
	Volts)						
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
Tota			3009633	2964655	2957270	2092470	1398126
Tota	Total (Rs.)		3009033	2704033	2931210	2072470	9
In M	illions	2.96	3.01	2.96	2.96	2.01	13.9

#### 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)

							12801 222	WILLIAM OIL
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
	Total		380.2	382.2	344.21	146.22	148.16	1401

## 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 Impl	ementatio	on is unde	r 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

(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 10th 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 The Order dated September 18, 2017 and October 23, 2017 of the at Annex-I and IA, Fuel Price Adjustment Mechanism Authority 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.

## TO BE A CONTROL OF PARTIES OF THE PA

														9.0	TOUR RALIFORNIA	*162	
1	1	FIXED	VAF	RIABLE		2018	٠	off Churers		A 2017	Telal	Varioble		aubeldy.		Buc	c)w[+
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:	For Consumption excepding 30 links			1						1			!				
	II 001 - 100 Units			8.16		10.56	,			1.71		5.21	1	ļ	3.52	1	
f 1	101 - 200 DaHe		l	11.56		(0.54)	1			1.71		12.71		ĺ	4.60		
i i	201 - 300 UsRs		ì	13.06		(0.56)	1			1.73		14,23			4.03		
1	301 - 700 Uelts		j	14.36		[0.54]				1.74		15.54		i			0.46
1 .	vi Above 700 Units	-	!	14.03		(0.53)	1		1	1.77		17.27					0.73
1 '	b) For Beactioned lend 5 kW & above		<u> </u>														
1	i		Peak	Off-Peak	Peak	desting	Ponk	Off-Yeak	Prek	Off-Pauls	Peak	Off-Pook		Ponk	Off-Peak	Posts i	Off-Pank
i	Time Of Use		15.41	8.01	[0.56]	[0.56]	اـــــــا		1,78	1.85	16.62	9,30				1.27	3.20

al Hagie Phase Connections:

Re. 75/- per consumer per month
b) Tures Phase Connections:

Re. 150/- per consumer per month
note Triff under Colum A and F of Annual Hi shall remain applicable for one year from the date of collification. Colum C, D, E and F of Annual Hi shall consume to sold after one
year and said Colum A and F of Annual Hi shall remain applicable, till the same is separated by a next confidention.

of Tariff Ratio FIXEG CHARGES VARIABLE CHARGES , Witten Charges TARIFF CATEGORY / PARTICULARS PULED Re/kWb Re/hWh For Exectioned lead less them 5 bW 14.51 1.72 15.98 2.33 b) Fer Snortlened load 5 kW & above 12.68 3.32 Perk Gil-Penk Peak Off-Peak Peak Off-Peak Peak Off-Peak 400.00 15 41 1.78 1.88 16.63 1.33

ej Time Of Um Bader tariff A-2, there shall be minimum monthly charges at the fallowing rates even if we energy in to assume 6.

el Hingle Phase Connections; Rs. 1787, per consumer per month
h) Thore Phase Connections

Rs. 2200, per consumer per month
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							Gof Tariff Hote	- Alication
Se. No. TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIASLE CHARGES	PYA 2014	Write-off Charges	PYA 2017	Total Yariable Charges	PIXED VARIABLE	Surcharge YARIABLE
	Re/hW/M	RejbWh	Re/kWh	Rs/kWb	Re/kWb	Ris/AWA	CHARGES CHARGES	CHARGES Re/EWE
al Quartal Bervious	A .	12.30	C (0.55)	ρ .	1.78	14.50	<del></del>	0.17

Hador tariff A-3, there shall be minimum meathly charges at the following rates even if no exergy is consumed.

										i					Tariff Rotlands	ratios .	
	i e	FIXEO		IABLE ,	PY	. 2016	Welle	all Charges	PV	A 2017		Voriable		******	-	Buc	chuş
St. No.	TARIFF CATEGORY / PARTICULARS	CHARGES		ARGEN								m1840	PLAND 1	СН	BIABLE	, CH	RIABLE
		Re/kW/M	R.	, kWk		/kWh	R	ı/kWk	R	e/EWA	· Re	/kWb	Ra/hW/M	, R	e/kWb	, Re	/kWk
		A				c		D				F					
B 1	Upto 25 kW jac A00/230 Valtel		1	11.51		10.561		- 1		1.70		12.73	**	i		i	1.77
B2(=)	seconding 28-800 kW [al 400 Volta)	400.00		11.01		(0.56)		;		1.78		12.22		ì		i	1.77
	Time Of Use		Peak	Off-Push	Peak	Off-Peak	Punk	Off-Peeb	Peak	ОП-Равь	Posk	Off-Peak		Prak	Off-Peak	Peak	Off-Peak
91 ( kj	Up to 25 KW	1 .	18.41	8.51	10.561	(0,35)			1,78	1.10	16,65	8,43		1	1	1.37	3.01
2(6)	exceeding 25-500 hW (at 400 Volta)	400.00	15.41	7.61	(0.56)	(0.51)			1.78	1.88	18.63	9.32		1	)	1.37	3.01
53	For All Londs up to 8000 hW (at 11,33 hV)	380.00	18.41	7.81	10.56	[0.56]		!	1.70	1.92	16.63	9.03		j	ì	1.37	3.11
14	For All Lands (at 66,132 hV & shore)	360.00	16 41	7.51	(0.56)	(0.56)	٠.	. 1	1.78	1,48	18.62	8.03		١.	1	1.37	3.27

For 3) examines there shall be a fixed information there of fix. 300 per month.
For 32 decimines there shall be a fixed indicate sharp of fix. 300 per month.
For 33 examines there shall be a fixed indicate making of fix. 400,000 per month.
For 35 commines there shall be a fixed indicate making of fix. 400,000 per month.
For 45 commines there shall be a fixed indicate where of fix. 400,000 per month.
Retor Truff under Column A und F of Amena'll shall count to principle of the unique of the fixed to describe the under Column A und F of Amena'll shall count to white the making the fixed to describe the understand the fixed to describe the fixed to describ

				i										04	Turks Rationals	el len	
Sr. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES		RIABLE AROES	PYA	201#	Write-	off Charges	PY	A 2D17		Variable Legan	TIXXD	behaley VAI	HABLE		RIABLE
		Rs/bW/M	г.	/AWA	ĸ.	/kWb		e/kWb		/kWa		law.	CHARGES		ARGES	CH.	ARGES
		A				c		Ď	-	E .		7					
0 -1	For supply at 400, 330 Volta								1								
•1	Succtioned local less than 5 kW			12.01		(0.56)	i			1.78		15.23					1.7
ы	Sanctioned load 5 kW & up to 500 kW	400.00	ĺ	11.61		(0.56)				1.78		13.75					1.7
- 24e)	For supply at 11,33 kV up to and invinding 5000 kW	380.00		11.31		(0.56)	i		i	1.70		13.63					1.7
-3(a)	For supply at 66 kV is above and sauctioned		1						İ	1							
	load above 5000 kW	360.00		11.31		(0.56)				1.78		12.43					1.7
	Time Of Use		Peak	Off Peak	Peak	Off-Peak	Punk	Off-Peak	Peak	Off-Prak	Peak	Off-Ponk		Peak	Off-Ponk	Posk	ОП-Р ***
· 1[e]	For supply at 400,230 Valta 8 kW & up to	400.00	15.41	#.01	(0.50)	(0.56)			1.75	1.95	16.53	9.30				1.37	3.2
C - 3(b)	For supply at 11,33 kV up to and lockeding	400.00	1	1	10.501	(0.50)				1.50	14.50	7.00					• • •
	5000 kW	380.00	15.41	7.11	(D.56)	(D.86)			1.78	1.85	16.63	9.10				1.37	3.
14 <b>)</b> C · C	For supply at 66 kV & above and sanctioned	340.00	18.41	7.61		(D.56)			1.76	1.93	16.63	6,64	i			1.37	
	lyad aborg 5000 kW	360.00	10.41	1.61	[0.56]	[0.36]	<u> </u>			1.03	10.00	0,00				1.37	

Note: Tateff under Colum A and F of Annacill shall remain applicable for one year from the date of notification. Colum C, D, E and F of Annacill shall sense to exist after one year from the date of notification. Colum C, D, E and F of Annacill shall sense to exist after one year and only Colum A and 2 of Annacill shall sense to exist after one year and only Colum A and 2 of Annacill shall sense to exist after one

	i l		1					Out Tout Resident	Miles
Sr. No. TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE	PYA 2016	Welle-all Charges	PTA 2017	Total Variable		Dabaldy	Surobarge
TARIFF CATEGORY / PARTICULARS	CHARGES	CHARGES				Charges	PLEED CHARGES	VARIABLE CHARGES	VARIABLE CHARGES
1	Re/hW/M	Re/kWh	Re, kWb	Re/kWb	Re/bWb	Re/LWh	Re/hW/M	Re/bWh	Re/hWh
ì	A		c	ء ۔	t	7			
0-1(a) BCARF loss than 5 kW		12.41	(0.56)	,	1.78	13.63	:	1.63	
D-2 [a] Agricultural Tube Wells	200.00	10.36	[0.56]	i	1.78	11.68	i (	0.04	
į i		Prok Off-Peak	Penk Off-Penk	Pank Dff-Penk	Pank Gff-Pank	Peak Gff-Peak	1 1	Peak Off-Peak	Pank Off-Penk
D-1(b) SCARF 3 kW & abova	200.00	15.41 7.61	[0.56]; [0.56]		1.78 1.90	16.63 8.95	1	1.63 . 0.10	
D.3 [b] Agricultural S kW & abova	200.00	15.41 7.81	[D.36] [0.36]		1.78 1.96			6.28 0.18	i
in addition is above mantioned subsidy on variable ch	negau, the flavor	vharges applicable	o private agriculture c	opsumers under tari	# D-2 and D-1 (b) in	ise picked by GoP as I	ubsidy.		

Under this tariff, there shell be minimum mouthly charges Re.2000/- per consumer per mouth, eran if no energy in consumed. Note:- The consumers having annotioned load from than 5 kW can opt for TOU mainring.

Note: Tasiff under Colum A and F of Annua III thall remain applicable for one year from the date of patification. Colum C, D. E and F of Annua III shall over the salest after non year and only Colum A and 6 of Annua III shall commis applicable. Ill the same is experiented by a next neighboring.

		FIXED CHARGES	VARIABLE CHARGES	PYA 2016	Witte-off Charges	PYA 2617	Total Verlahia Charges		As hotely	Surcharge
Se. No.	TARIFF CATEGORY / PARTICULARS	CILKULE	CHANGES	i		:	Cabyer	CHARGES	VARIABLE CHARGES	VARIABLE CHARGES
1		Re/bW/M	Re/kWb	Re/bWh	Re/hWb	Ru/bWh	Rs/hWh	Ref LW/M	Ru/kWh	Re/kWh
L		Α				E				
E- 1801	Residential Supply		15.71	(0.56)		1.78	16.93			9,33
E-1(H)	Cammercial Supply	,	14.51	(0.56)	. !	1.73	15.68		}	4.67
E-2	industrial Supply		11.51	(0.56)		1,74	12.73			7.12

For the extagories of E-19840 shows, the minimum bill of the consumers shall be Rs. 30% per day subject to a minimum of Rs. 300% for the vatire period of supply, even if no

Note: Twiff under Colum A and 7 of Annea-111 abalt remain applicable for one year from the date of notification. Colum C, D, E and 7 of Annea-111 abalt cease to exist after one year and only Colum A and 8 of Annea-111 abalt comes applicable, till the same is supersected by a next netification.

Yote. Triff-F comments will have the option to convert to Auguste Triff and view verse. This option can be exercised at the time of a new connection se at the beginning of the excess. Once assection, the option tension is one open.

VARIABLE CHARGES Sr. No. TARIFF CATEGORY / FARTICULARS PYA 2016 Write-off Charges PYA 2017 VARIABLE CHARGES Ra/kW/M Re/kWh Ra/kWb C [0.56] 13.51 1.67 Street Lighting 14.62

Under Tariff O, there shall be a minimum monthly charge of Ra. 500/- per month per hw or tomp superity installed

Note: Tariff under Colom A and F of Annualifi shall comets upplicable for any year from the data of notification. Colom C, D, E and F of Annualifi shall couse to agist after one year and only Colom A and B of Annualifi shall couse a supplicable. Ill the same is presented by a mast polification.

<u> </u>	. No TARIFF CATEGORY / PARTICULARS	FIXEG CHARGES	VARIASLE CHARGES	PYA 2016	Write-off Charges	PYA 3017 Re/hWh	Tuesi Variable Charges RaibWh	CHARGES	GoF 1 triff Authorities  Subsets  VARIABLE  CHARGES	Burcharge VARIABLE CHARGES
1		Re/hW/M	Rs/EWE	No, Ewa	Ke/EWE	RE/EWE	Ka/EWA	24/ hW/M	Re/hWh	Rs/kWb
		A						<b></b>		
,	Residential Colonies attacked to ledustrial		1					1.	! .	
	Dieminda		13.51	10.561	. 1	1.67	(4.62	, '	1	0.34

Note: Toriffeeder Colum A and F of Apoun-II) thatil rounds upplicable for our year from the date of autification. Colum C, D, E and F of Anova-III aball coase to aniat after one year and only Colum A and S of Annua-III aball coase to aniat after one year and only Colum A and S of Annua-III aball coase to pulcable, till the same in superseded by a neal notification.

			i					Out tariff Retionalisation	
Sr. No. TARIFF CATEGORY / PARTICULARS	CHARGES	VARIABLE CHARGES	PYA 2018	West e-off Charges	PYA 2017	Total Variable Charges	FIRED		VARIABLE
	]		1				CHARGES		CHARGES
	Ry/kW/M	Re/kWh	R=/kWk	Re/kWh	Rs/hwh	Ro/kWb	Re/LW/W	Re/EWb	Ru/kWh
i Ased James & Heakmir (AJH)	360.00	10.76	(0.56)		1.65	71.=6			0.34
	1	Post Off-Post	Post Off Peak	Pank Off-Pank	Posh   Off-Pash	Prok Off Posts		Penk Off-Penh Pen	Diff Prek
Time Of Use	360.00	13.41 7.71	[0.56] [0.56]		3.57 1.67	16.52 8.02		1,4	4 3.34
2 Hawet Lab	i	10.51	[0.56]		1.54	14.60	1	i ,	0.07

Note: Teriff under Colum A and F of Annealli shall remain applicable for one year from the data of authorities. Colum C, 0, 5 and F of Annealli shall count to opticable, till the name is unpreseded by a deat satisfication.

													•			
													4-4	FATER RALIFFELD	alles	
	FIXEG	V ARIA		FYA	2316	w	off Charges	-	A 2017	Total	Variable .		, Debotes.		Mer	ALLES
Sr. No. TARIFF CATEGORY / PARTICULARS	CHARGES	CHAR	GES		15.0		on Carrigon	, r.	A 2017	C#	Argue	riteo	VA	RIABLE	YAF	BIABLE
			1									CHARGES	CH	ARGES	CH.	ARGES
	Rs/kW/M	_R+/%	wb .	Rs,	PAF	R	e/kWb	R:	·/kWb	R*	/kWh	Rafk#/N	R.	/kWb	R+	/kWh
					ç		D				7					
For supply at 66 hV & short and having																
snortlened load of 20MW & above	340.00		11.21		(0.54)		. '		1,74		12.43					
J-2		1				i										
(a)   For supply at 11.33 hV	340.00		11.31		(0.56)				1.76		12.53					
(b) For supply at 66 kV & above	360.00	!	11.24		(0.66)				1.76	٠.	12.43					
-3-3	ì											; 1	١.			
(a) For supply at 11,33 kY	360 00	•	11,31		(0.56)				1.78	-	12.53	!				
for For supply at 66 by & above	360.00		11.21		(0.56)				1.76		12.43					
	ł.											i !	!		1	
Time Of Our	!	Pank C	M-Pvah	Pank	Off-Panh	7esk	Dr. Pesh	Pask	Off-Peak	Frak	Off-Prek	!	Peck	Gff-Poak	Pash	DN Puck
J . ifb; Tor supply of 66 hV & above and having	1															
sestioned load of 20MW & shove	260.00	19.41	7.61	(0.56)	10.561			1.76	1.83	16.63	5.64		٠ !		; :	
J. 2 let For supply at 11.32 hV	380.00	15.41 .	7.E1	10.56				1.78	1.86	16.63	9.10		1		. 1	
J-2 Idl For supply at 88 hV is above	360.00	15.01	7.61	(0.56)				1.78	1.83	16.63	8.48	ĺi	i l			
J-3 (e) Far supply of 11,33 hV	280.00	18.41	7.41	(0.55)				1.78	1.85	16.63	9.19		1 1		1	
U-3 [d] For supply at 56 kV & above	360.00	15.41	7.61	[0,56]	(0.54)			1.70	1.83	16.63	8.48	1			;	

Note: Tariff ender Colom A and P of Annex III shall remain applicable for one year from the date of netification. Colom C, D, E and P of Annex III shall remain applicable, till the same to supercoded by a waxi notification.

Review-shakem fairchaige" at the rate of Re, 0.10/kWh applicable to all electricity consumment accept lifetime demonic amagine and the category "Revidential A-t" for observaty sold.
"Fluxucing Cost berekarga" at the rate of Re, 0.43/kWh applicable to all the of electricity consumers, except lifetime demonic economers of the anjagory "Residential A-1" for electricity sold.

#### <u>ORDER</u>

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  $UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.017)} \times AFI(T) \quad Paisa/kWh$
  - ii) Where only 11 kV distribution systems is involved.

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

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

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.067)} \times AFI(TD)$$
 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
TOTAL	10,221	5,961	4,892	4,262	- 28,399	53,735
Consumer Contribution	1,697	4,129	1,827	4,331	1,960	13,944
Grand Total	11,918	10,090	6,719	.8,593	30,359	67,679

- 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 10th July and 10th 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 10th July and 10th 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 10th July and 10th 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 10th July and 10th 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 7th 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 7th July every year.
Other operating expanses	1,010	Annually, as per Annex-VI	Request to be submitted by IESCO by 7th July every year.
Depreciation	2,276	Annually, as per Annex-VI	Request to be submitted by IESCO by 7th 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.
	A: Power Purchase Price (PPP) Adjustment	
	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	<b>6,2</b> 35
		• ***
	B: Prior Year Adjustment (PYA)	
	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
	C: Impact of Negative Monthly FCA's	·
	Negative FCA Retained (Life Line, Agri and Domestic Consumers upto 300 units)	(7,992)
Less;	Net Subsidy, if any	
	FCA amount to be passed on to the consumers	(7,992)
	Total Adjustment = A+B+C	9,855
		1.1.

- II. The Impact of negative PYA amount of Rs.4,503 million already built in the IESCO's redetermination 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 consumerend 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

Fuel Price variation = Actual Fuel Cost Component - 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.

#### 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;

Quarterly/Biannual PPP (Adj) = PPP(Act) (excluding FCC) -PPP(Ref) (excluding FCC) (1-T&D Loss %) – (Life line Consumption %)

Where:

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.

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 (Adj)

$$= \underbrace{\frac{\text{FCA (Allowed)}}{(1-\text{T\&D Loss \%})-(\text{Life line Consumption \%})}} - \text{FCA (Allowed)}$$

Where;

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.

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

Estimated Sales Revenue on the Basis of New Tariff														
Description	Sales			Reynue		Base	Tariff	PYA	2016	Wr	ite off	PYA	<b>2</b> 017	lotar la
1	GWh	% Mix	Fixed Charge	Variable	Total	Fixed Charge	Variable	Amount	Variable	Amount	Variable	Amount	Variabie	Fixed
L			L	Charge Min. Rs.	<del></del>	REJEWI M	Charge RsJ kWh	Min. Rs.	Charge Rs/kWh	Min. Rs.	Charge RsJ kWh	Min. Rs.	Charges Rs./ kWh	Charge (
Residential			<del></del>											
Up to 50 tilnits  For peak toad requirement less than 5 kW	253 7197	3 06%	.	1.015	1.015		4 00		•	-				
01-100 units	1068 5750	1287%		8,720	8,720	1	8 16	(598)	(0.56)		-	1,827	171	1
101-200 Units 201-300 Units	548.0023 696.8763	6.60% 8.40%	:	6,335 9,101	6,335 9,101	, (	11 56	(307)	(0.56)		-	937	171	1
301-700Lntts	346 7443	4 18%		4.979	4.979		13 06 14 36	(390) (194)	(0 56) (0 56)			1,206 603	1 73 1 74	
Above 700 Units	92 3907	1 11%	• ]	1,461	1,481	]	16 03	(49)	(0 53)			164	1 77	1
For ceak 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	1	8 01	(282)	(0 56)			931	1 85	
Temporary Supply Total Residential	0 8331 3,623	0.01%	<u> </u>	37,408	37,408		15 71	(0)	10 56)	ليسا	:	5,869	1 78	
Commercial - A2	3,870 991	248 17						(1,004)		-		5,509		
Peak load fedurement less than 5 kW	284 911	3 43%	-	4 134	-1,134		14 51	(160)	(0 56)	-		493	1 73	
Regular	9 843	0 12%	18	113	131	400	1151	(5)	(0.56)			17	1 73	400
Time of tise (TOU) - Peak	107 092	1 29%	- 1	1,650	1,650	1	15 41	(60)	(0 56)	-		191	178	.
Time of Use ;TCU) - Off-Peak Temporary Supply	467.777 12	5 64% 0 15%	1,098	3,747 178	4,845 178	400	801	(252). (7)	(0 56) (0 56)			879 21	1 88 1 73	100
Fotal Commercial	882	10.62%	1,116	9,822	10,939			(494)	10 301	<del></del>		1,601		
General Services-A3	889.622	3.00%		3,327	3,327	· · · · · · · · · · · · · · · · · · ·	13.38	(139)	(0.56)		<del></del>	447	1 70 1	<del></del>
Industrial		3.00 %	·	3,341	3,367	L	13.36	(139)	10.36)]	<u> </u>	L	443	1.78	
81	3	0 0 4%	-	40	40		11 51	(2)	(0 56)		· ·	6	1 78	T
SI Peak BI Off Peak	9	0.10% 0.57%		134 378	134 378		15 41   8 01	(5) (26)	(0 56) (0 56)	-	:	15 93	1 78 1 98	1
82	6	0.05%	8	70	78	400	11 01	(4)	(0.56)			11	1 78	400
82 - FOR OPegal - 82 - Tidl (POtt-peak)	48	0.58%	:_	737	737		15 41	(27)	(0 56)	-		85	1 78	
SI TOU (Peak)	350 28	4 22% 0 34%	873	2,735 435	3,608 435	400	7 81 1 15 41	(196) (16)	(0 56) (0 56)			693 50	1 98	400
B3 - TOU (Off-peak)	374	4 51%	453	2,848	3.301	380	7 61	(210)	(0.56)			741	198	320
B4 - TOU (Peak) B4 - TOU (Off-peak)	83 624	1 00% 7 52%	886	1.281 4.585	1,281 5,371	360	15 41 7 51	(47) (349)	(0 56)			148 1,173	1 78	360
Cemporary Supply	0	0 00%		<u> </u>	0		11 51	(0)	(0.56)			0	1 78	
Total industrial Single Point Supply for further distribution	1,573	18.95%	2,020	13,344	15,364			(881)		. •		3.017		
C1, a) Supply at 400 Volts-less than 5 kW	0	0.00%	- 1	0	0		12 01	(0)	(0.56)			0	1 78	
Chibj Supply at 400 Volts-exceeding 5 kW	4	0.05%	5	45	50	400	11 51	(2)	0 56)		-	7	1 79	400
Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak	12 63	0 15%	87	190 505	190 591	400	15 41 8.01	(7) (35)	(0 56)		: :	22 117	1 78 1 85	400
C3 Sunidy til 11 kV Time of tise (TOU) - Peak	82 62	0 98%. 0 75%	97	924 954	1 021	3ep	11 31	(46)	e 56)	!		145	1 7e	380
Sime TickerTOUT - Officeak	311	3 74%	480	2.427	954 2 906	380	15 41 7 81	(35)	0 56) 0 56)	-		110 575 i	1 78 1 85	380
C3 Supply above 11 kV Time of use (TOU) - Peak	0) 43	0.00% 0.52%	-	- 660	660	360	11 21	-	(0.56)	-		٠.	t 78	350
Time of Use / TOU) - Off-Peak	214	2.58%	263	1.627	1.890	360	15 41 - 7 61	(24) (120)	0 56) (0 56)			76 <b>3</b> 91	1 78	360
Total Single Point Supply	790	9,52%	931	7,332	8,263			(443)	لنسندس	e	•	1,443		<del></del>
Agricultural Tube-wells - Tariff D	4(	0.04%		44	44		12 41	(2)	(0 56)	. 1		. 6	1 78	<del></del>
Time of Use (TOU) - Peak	11	0 14%		173	173		15 41	' (6)	(0.56)	•		20	1 78	
Time of Use (TOU) - Off-Peak Agricultual Tube-wells	61	0:73% l 0:06%.	55 38	462	517 86	200 200	7 61 10 36	(34) (3)	(0 56) (0 56)		. :	115	1 90 1 78	200
Time of Use (TOU) - Peak	2	0 02%	-	31	31	l l	15.41	(1)	(0 56)	• •		4	1 78	l l
Time of Use (TOU) - Off-Peak Total Agricultural	10] 92	0 12%	124	77 836	108	200	7 61	(6)	(0 56)		<del>-</del>	20 174	, 198	200
Priven Lighting - Tariff G	67	0.81%	- 1	911	911		13 51	(38)	(0 56)		- 1	113	1 67	<del></del>
	4	0.05%		51	51		13 51	(2)	(0.56)		- 1	6	167	
Fardfiel - Alik.	530	5 39%	573	5,706	6,279	360	10 75	(297)	(0.56)	٠.	·	875	165	360
Time of use (TOU) - Peak Time of use (TOU) - Off-Peak	8€ 403	1 03% 4 85%	517	1,323 3,107	1,323 3,623	360	15 41 7.71	(48) (226)	(0 56) (0 56)			143 673	1 67 1 <b>6</b> 7	360
Tariff K -Rawat Lab	0	0 00%	3,,	3,707	3,023	3001	13 51	(220)	(0.56)			0/3	1 68	2.4
Sub-Total	1,091	13.14%	1,090	11,101	12,191	·		. (611)				1,811		·····
Special Contract - Tariff-J	<del></del>	0 00%			<del></del>	360	11 21		(0 56)			· · · · · ·	1 78	360
Time of Use (TQU) - Péak		0 00%		:	:		1541		(0 56)	-			1 78	
Time of Use (TOU) - Off-Peak  J-2 (a) For Supply at 11, 33 kV	-	0 00% 0 00%	:	-		360 380	7 61 11 31		(0 56) (0 56)				1 83 1 78	360 380
Time of Use (TOU) - Peak	-	0 00%	:	:			15 41		(0 <b>5</b> 6)	٠. ا			1 78	2,10
Time of Use (TOU) - Off-Peak U-2 (b) For Supply at 65 kV & above	-	0 00% 0 00%	-	-		380 360	7 81	.	(0.56)	-		-	1 85 1 78	380
Tyrne or Lise (TOU) « Peak	•	0 00%	:	:		300	11 21 15 41	. ]	(0 56) (0 56)		:		1 78	360
Time of Use (TOU) - Off-Peak 2-3 rail For Supply at 11, 33 kV	-	0 00%	.	:		360 380	7 81	- 1	(0.56)		-		1 83	360
Time of tise (TQU - Peak	-	0.00%		:		\ \ \	11 31 15 41	:	(0.56) (0.56)	-			1 78	380 08E
Time of Use (7QU) - Off-Peak  J-3 (b) Fer Supply at 66 kV & above	-	0.00% 0.00%	-	-		380 360	7 81		(0.56)				1 85	380
Time of Use (TOU) - Peak	-	0 00%	-	:	:	360	11 21 15 41	: )	(0.56) (0.56)			:	1 78 1 78	360
Time of Use (TOU) - Off-Peak		0 00%	· .	احنسا	<u> </u>	360	7 6 1		(0.56)	<u> </u>	L	<u> </u>	1 83	360
Total Revenue	8,300	100.00%	5,282	83,188	88,450			(4.503)				14,358		

Total Revenue 8,300 100.00% 5,282 83,188 88,450 (4,503) - 14,358

Fariff 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 mantioned under Column "Base Ta shall remain applicable full the same is superseded by next notification.

#### **IESCO Power Purchase Price**

Name	July	August	September	October	November	December	January	February	March	April	Мау	June	Total
Units Purchased by DISCOs (GWh)	949	933	847	782	684	6S <b>6</b>	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
1901					•								De in Bailli

			•									KS IN MILLION
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
259	250	239	226	200	219	221	200	216	217	252	279	2,777
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
271	246	220	240	233	217	218	189	209	212	217	233	2,706
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
	259 2,148 271	259 250 2,148 1,817 271 246	259 250 239 2,148 1,817 1,606 271 246 220	259         250         239         226           2,148         1,817         1,606         1,799           271         246         220         240	259         250         239         226         200           2,148         1,817         1,606         1,799         1,677           271         246         220         240         233	259         250         239         226         200         219           2,148         1,817         1,606         1,799         1,677         1,753           271         246         220         240         233         217	259         250         239         226         200         219         221           2,148         1,817         1,606         1,799         1,677         1,753         1,898           271         246         220         240         233         217         218	259         250         239         226         200         219         221         200           2,148         1,817         1,606         1,799         1,677         1,753         1,898         1,464           271         246         220         240         233         217         218         189	259         250         239         226         200         219         221         200         216           2,148         1,817         1,606         1,799         1,677         1,753         1,898         1,464         1,829           271         246         220         240         233         217         218         189         209	259         250         239         226         200         219         221         200         216         217           2,148         1,817         1,606         1,799         1,677         1,753         1,898         1,464         1,829         1,639           271         246         220         240         233         217         218         189         209         212	259         250         239         226         200         219         221         200         216         217         252           2,148         1,817         1,606         1,799         1,677         1,753         1,898         1,464         1,829         1,639         1,902           271         246         220         240         233         217         218         189         209         212         217	259         250         239         226         200         219         221         200         216         217         252         279           2,148         1,817         1,606         1,799         1,677         1,753         1,898         1,464         1,829         1,639         1,902         1,738           271         246         220         240         233         217         218         189         209         212         217         233

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:

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

<sup>\*</sup> 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-l(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- I(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.
- 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-I 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-I(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-I 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-I(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 reconnected 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.

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#### **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.

[Tariff-2015-16]

(Syed Mateen Ahmed) Section Officer (Tariff)

#### **DEPRECIATION EXPENSE**

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

$$DEP_{(Rer)} = DEP_{(Ref)} \times \frac{GFAIQ_{(Rer)}}{GFAIQ_{(Ref)}}$$

Where:

 $DEP_{(Rev)}$  = Revised Depreciation Expense for the Current Year

 $DEP_{(Ref)}$  = Reference Depreciation Expense for the Reference Year

GFAIO<sub>(Rev)</sub> = 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:

 $Ol_{(Rev)}$  = Revised Other Income for the Current Year

OI<sub>(1)</sub> = 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

ΔCPI = 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:

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

Where:

RORB<sub>(Rev)</sub> = Revised Return on Rate Base for the Current Year

RORB<sub>(Ref)</sub> = 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

## 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	- 1 <del>3</del> 2 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
		KTM-Chakri Road
		F/F Sangjani-II
1		F/F Bhara Kahu
16	Sangjani – II	F/F Chakri Road
2015-16	Bhara Kahu	Basal-Jand
20	Chakri Road	Jand-Lakkarmar
		Lakkarmar-Tamman
		Talagang-DS Bilawal
		Tamman-Talagang
17		
2016-17	NIL	NIL
201		
		Chakwal-2 to C.S.Shah
18		Chakwal-2 to Talagang
2017-18	NIL	Chakwal-2 to Neela
201		I/O Gujjar Khan-Rawat for 132 kV Rawat
	j	Burhan-New Wah
19		
2018-19	Rawat	Fatehjang-Tarnol
201	Burhan	- Internal and a second a second and a second and a second and a second and a second and a second and a second and a second and a second and a second a second and a second and a second and a second and a second and a second and a second a second and a second and a second and a
		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
	Jhelum Cantt.	Power Dispersal from New Kamra to Faqirabad to Gondal
70	Sanghoi	Power Dispersal from New Kamra to Burhan to Nowshera
2019-20	Sohawa	Power Dispersal from Islamabad West to Bahter More
8	Khanpur	Power Dispersal from Islamabad West to Taxila
	Ghorghushti	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:

St.	Description	Timis	Unit   Quantities								
#	Description	Unit	2015-16	2016-17	2017-18	2018-19	2019-20	Total			
Scop	e of Work for 11 kV and Bel	ow Exp	ansion				L				
	New HT Lines										
1	Number of proposals	Nos.	16	16	16	16	18	82			
1	Length of new HT line	Km	164	164	164	164	165	820			
	HT line Reconductoring	Km	164	164	164	164	164	820			
	Transformers (Replacement	nt)									
	a. 50 KVA	Nos.	45	45	45	45	46	226			
2	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			
	Transformers (New Substa	itions)									
3	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			
	11 KV Capacitors										
	a. Fixed 450 KVAR	Nos.	16	16	16	16	18	82			
4	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			
Scop	e of Work for LT Expansion	n		· · · · · · · · · · · · · · · · · · ·		·					
	New LT Lines										
1	Number of proposals	Nos.	270	270	270	.270	273	1353			
*	Length of new LT line	Km	44	44	44	44	<u> </u>	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.	D	Unit			Quar	ntities		
#	Description	Unit	2015-16	2016-17	2017-18	2018-19	2019-20	Total
Scop	e of Work for 11 kV and Be	low Reh	abilitation				•	
	Rehabilitation of HT Lin	es						
	Number of proposals	Nos.	20	20	20	20	20	100
1	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
	Replacement of Overload	ed Trans	formers					
	a. 50 KVA	Nos.	55	55	55	55	55	275
2	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	, O	0	0

	Sub Total	Nos.	_ 220 ]	220	220	220	220	1100
	New Sub Stations							
	a. 50 KVA	Nos.	27	27	27	27	29	137
3	b. 100 KVA	Nos.	55	55	55	55	56	276
1 3	c. 200 KVA	Nos.	27	27	27	27	29	137
	d. others KVA	Nos.	0	0	0	0	0	0
<u> </u>	Sub Total	Nos.	109	109	109	109	114	<b>55</b> 0
	11 KV Capacitors							
	a. Fixed 450 KVAR	Nos.	20	20	20	20	20	100
4	b. Fixed 900 KVAR	Nos.	0	0	0	0	0	0
	c. Others	Nos.	0	0	0	0	0	0
	Sub Total	Nos.	20	20	20	20	20	100
5	11 KV Panels	Nos.	20	20	20	20	20	100

Sco	pe of Work for LT Rehabil	itation						
	LT Lines Rehabilitation							
	Number of proposals	Nos.	330	330	330	330	330	1650
1	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.	LT Capacitors						·	
	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:

St.	Description	Unit			(	Quantitie	8		
#	Description	Unit	2014-15	2015-16	2016-17	2017-18	2018-19	<b>2019</b> -20	Total
GIS	Mapping								
	HT Mapping						•		
1	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
	LT Mapping						•		
2	Number of Transformers	Nos.	6750	8330	8358	8388	8416	8450	48693
	Length of LT Lines mapped	Km	101	5546	<b>556</b> 0	5572	5586	5600	27964
	Tools Required						7		
3	GIS Mapping Software Licenses	Nos.	2	2	9	10	4	0	25
<i>J</i>	Hardware including plotters, computers, GPS devices etc	Nos.	1	12	46	120	104	76	357

Sr.	Description	Unit				Quantitie	3		
#	Description	Onit	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	Total
Stud	ly Based Planning usin	g GIS M	Iaps with	Modern	Planning	Tools - T	ransition	Plan	
	HT								
1	Number of HT Lines Analyzed	Nos.	150	186	198	199	200	200	1133
	LT								
2	Number of LT Lines Analyzed	Nos.	6750	8330	8358	8388	8416	8450	48693
	Tools Required								
3	Simulation Software Licenses	Nos.	1	2	9	10	4	0	25
3	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 Sc	ope		
		2015-16	2016-17	2017-18	2018-19	2019-20	Total
A	AMI Metering				مين مين م	Smart Metering of Rawalpindi Circle	
В	Electronic Metering			·			
С	New CIS system	Study & System Analysis	Implementation of CIS + CRM	Implementati on of CIS + CRM	Operation & Maintenance	Operation & Maintenance	
D	HHUs for meter reading	meter through-smart device S		Day to day Operation	Day to day Operation	Day to day Operation	<b>J•</b>
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 tor 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
В	Single Phase AMI Meters (Commercial)	77,463
С	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
Total		879,618

# 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:

Sr.	Description	Unit			Quan	tities	*	
#	Description	Unit	2015-16	2016-17	2017-18	2018-19	2019-20	Total
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
	Sub Total	No.	35	42	38	42	45	202

# A-6.2 Mechanical Tools & Plants:

S. #	Description	Qty.	Rate (Rs.)	Cost (Rs.)
A	Sub Division			
1	Earthing Set	2	3296	6592
2	Farth Tester	1	49176	49176
3	Megger (1000 volts)	1	27200	27200
4	Measuring Tape	1	610	<u>~</u> 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
	Sub-Total			148256.60
В	Crew T&P			
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	5 <b>2</b> 0	4160
11	Pulling Grip (12-15 mm)	8	820	6560
12	Hammers	16	108	1728
	Sub-Total			332441.6
С	Personal Line Man T&P			
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

. 1	`			
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
	Sub-Total			545020
D	ALM Personal T&P			-
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
	Sub-Total			371040

#### 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
	Total	No.	14	13	12	15	23	77

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

	Description		Define Scope								
<u></u>	Description	2015-16	2016-17	2017-18	<b>201</b> 8-19	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:

D	escription		Define	Scope		
	scripuon	2015-16	2016-17	2017-18	2018-19	2019-20
A	Improving Internal Communications with Employees	• IESCO Web Updation with reference to HR activities  • Cell Phones to Supervisory Staff  • Computer Networking, E- office at IESCO HQ	<ul> <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> <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			· · · · · · · · · · · · · · · · · · ·
l	Description	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	<ul> <li>(1) Technical Lab at RTC.</li> <li>(2) Revamping of 2x</li> <li>CTCs and establishment</li> <li>of Computer Labs.</li> <li>(3) Development of</li> <li>Practical Yard at CTCs</li> </ul>	(1) Revamping of remaining 3x CTCs. (2) Establishment of Computer Labs (3) Technical Lab at CTCs			
В	Provision of Safety T&P and promoting safety culture	<ul><li>(1) Provision of Safety</li><li>T&amp;P at RTC &amp; CTCs on need basis.</li><li>(2) Safety Seminars at Operational Circle &amp; Division Offices on Quarterly basis</li></ul>	(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	
С	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	
Е	Conducting the yard stick study		·				
F	IT infrastructure to support new initiatives	Installation of Work Station & Server for HHU & ERP. Data Center & Server tor 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	

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

# Government of Pakistan Ministry of Energy

Islamat ad, the 22nd March, 2018.

## NOTIFICATION

S.R.O. (1)/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.

# AT VALUE AND A SALE AN

				i				ì							iff Rationii	estion	
		PIXED	VADIARI	E CHARGES	PY	12016	Write	off Charges	-	A 2017	Total Ver	able Charges		Subaldy		Surchers	
ir. No.	TARIFF CATEGORY / PARTICULARS	CHARGES	VARIABLE CARACES		3010						•		PIXED CHARGES		RIABLE Arges		RIABLE ARGES
		Ra/kW/M_	Rs	/kWh	Rs	/hWh	R	/kWh	R	s/kWh	Ra	/kWb	Ra/hW/M	P.	/kWb	Re	/kWh
		Α		В		С		D		Ē		7					
41	For Sanctioned load less than 5 hW															$\overline{}$	
•	Up to 50 Units		ļ	4.00					l			4.00			2.00	}	
	For Cansumption exceeding 50 Units			ļ												1	
11	001 - 100 Units			9.17		(0.97)		0.17		1.15		9.52			3.73		
10	101 - 200 Units			10.97		(0.97)		0.17	1	1.15		11.32		}	3.21		
lv	201 - 300 Units	1	1	11.97		(0.97)		0.17	ļ	1.16		12.33		1	2.13	) .	
v	301 - 700 Units			13.74		[0.99]		0.17		1.16		14.08				1	1.92
vi	Akove 700 Units		1	15.68		(0.98)		0.17		1.17		16.04					1.96
bj	For Sanctioned load 5 kW & above	ŀ		1										_		1	
	J	1	Posk	Off-Peak	Posk	Off-Poak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak		Pesh	Off. Peak	Prak	Off-Peat
	Time Of Use	l	15.67	9.17	(0.97)	(0.97)	0.17	0.17	1.17	1.17	16.04	9.54				1.98	2.96

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

s) Single Phase Connectious:

Ra. 75/- per consumer per manth
b) Three Phase Connections:

Ra. 150/- per consumer per month

Note: Tarif under Colump A and Fol Amerill shall remain applicable for one year from the date of notification. Column C, D. E and F of Amerill shall cease to exist after one year and only Column A and 8 of Amerill shall remain applicable, till the same is superseded by a next motification.

#### A CONTROL OF THE PROPERTY OF T

									CoP Turiff Rationilanting				
1		FIXEO	VARIABLE CHARGES	FYA 2016	Write-off Charges	PYA 2017	Total Variable Charges		Sukeidy	Burcharge			
Sr. No.	TARIFF CATEGORY / PARTICULARS CHARGES		VARIABLE CHARGES	ALL SECTION AND ADDRESS OF THE PARTY OF THE				FIXED CHARGES	VARIABLE CHARGES	YARIABLE CHARGES			
1		Ra/kW/M	Re/kWh	Ra/k Wh	Re/kWh	Ra/kWh	Re/kWh	Ra/kW/M	Rs/kWb	Re/kWh			
		Α	В	c	D	2	r						
u;	For Sanctioned load less than 5 kW		15.37	(0.97)	0.17	1.16	15.73		I	2.27			
) b)	For Sanctioned load 5 kW & above	400.00	11.37	(0.97)	0.17	1.19	11.76	ĺ	L	4.24			
1			Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak	Peak Off-Peak		Penk Gff-Punk	Ponk Off-Pock			
e)	Time Of Use	400.00	15.67 9.17	[0.97] [0.97]	0.17 0.17	1.17 1.17	16.04 9.54			1.96 2.96			

Under tariff A.2, there shall be miolicum monthly charges at the fellowing rates even if on energy is consumed

al Single Phase Coonsettons;

Rs. 175/- per concumor per must's

ht Three Phase Coonsettons Re. 350/- per consumer per month

Mote: Tariff under Culum A and F of Annex. III shall remain applicable for one year from the date of notification. Calum C, D, E and F of Annex. III shall cause to exist after one year and only Culum A and E of Annex. III shall remain applicable, till the same is supera-ded by a next satisfication.

		T					1		GoP Tariff Rationlis	stion
1		FIXED	1	i	1		ĺ		Bubsidy	Surokarge
Sr. No.	TARIFF CATEGORY / FARTICULARS	CHARGES VARIABLE CHARG		PYA 2016	Write-off Charges	PYA 2017	Total Variable Charges	. FÎXED CHARGES	VARIABLE CHARGES	VARIABLE CHARGES
		Rs/kW/M	Rs/kWh	Re/kWh	Ra/kWh	Re/kWb	Rs/kWh ,	Rs/kW/M	Re/hWh	Rs/kWb
		A	8	Č	В	E				
- 1	General Services		13.48	(0,97)	0.17	1.16	13.84			0.91
Under tariff A.3., there skall be minimum monthly oberges at the following rates even if no exergy is consumed.										
	Mara Canasasianas	Da 175/. net	denaumer per month							

Rs. 175/- per consumer per month Rs. 350/- per consumer per month

Note: Tariff under Colum A and F of Annex-III shall rame in applicable for one year from the date of notification. Colum C. D. E and F of Annex-III shall cases to exist after one your sod only Colum A and B of Annex-III shall remein applicable, till the same is superseded by a next notification.

														CoP Tal	riff Rationlis	atlon	
		FIXED	VARIABL	E CHARGES	PY	2015	Welle	off Charges	FY	A 2017	Total Veri	able Charges		Sukeldy			CHATER.
Sr. Kn.	TARIFF CATEGORY / PARTICULARS	CHARGES Re/kW/M		/kWb	Ra	/kWk		s/kWh		e/kWb		/kWh	PIXEO CHARGES Re/LW/M	CH	RIABLE ARGES / kwb	CH.	RIABLE ARGES /kWb
		A		В		C		D		E		7					
11	Upto 25 kW (at 400/230 Volta)			11.37		(0.97)		0.17		1.17	i	11.74					2.7
12(e)	exceeding 25-500 kW (at 400 Volts)	400.00		10.87		(0.97)		0.17		1.17		11.24	. •				1.7
	Time Of Use	1	Peak	Off-Peak	Peak	Off-Ponk	Prak	Off-Peak	Peak	Off-Peak	Ponk	Off-Pank	_	Fank	Off-Peak	Peak	Off-Peal
1 (b)	Up to 25 KW		15.67	9.17	(0.97)	(0.97)	0.17	0.17	1.17	1.22	16.04	9.59				1.96	2.9
13/bi	exceeding 25-500 kW (at 400 Volta)	400.00	15.67	8.97	(0.97)	(0.97)	0.17	0.17	1.17	1.19	16.04	9.36			i	1.96	2.9
83		3#0.00	15.67	8.77	(0.97)	(0.97)	0.17	0.17	1.17	1.19	16.04	9.16	l	Ì	[		ĺ
	For All Londs uptn 5000 kW [at 11.33kV]		J	] }					] ]		1	1		J		1.96	3.0
14	For All Loads jet 66,132 kV & above	360.00	15.67	8.67	(0.97)	(0.97)	0.17	0.17	1.17	1.17	16.04	9.04		Į.	ļ	1.98	3.04

For \$1 congavours there shall be a fixed minimum charge of Re. 350 per masth.

For \$2 consumers there shall be a fixed minimum charge of Re. 2,000 per month,

For \$3 consumers there shall be a fixed minimum charge of Re. 30,000 per month.

For \$4 consumers there shall be a fixed minimum charge of Re. 30,000 per month.

For \$4 consumers there shall be a fixed minimum charge of Re. 300,000 per masth.

Note: Tariff upder Colum A nod F of Annex-III shall remain applicable for one year from the date of social column charge of Re. 300,000 per masth.

Note: Tariff upder Column A nod F of Annex-III shall remain applicable for one year from the date of social column charge of Re. 300,000 per masth.

	<u> </u>													Oof Tw	iff Rationlis	tion	
i		FIXED	VARIABL	E CHARGES	PYA	2016	Wrller	off Charges	PY	A 2017	Total Vari	able Charges		Bukuldy		Sur	karge
Sr. No.	TARIFF CATEGORY / PARTICULARS	CHARGES	*,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2 0111111									FIXEG		IABLE		IABLE
i		Rs/kW/M	Ra	/kWh	Ra	/kWb	R	4/kWh	R	s/kWh	Rs	/kWb	CHARGES Rs/hW/M		ROES !		LRGES
		A		8		с		D		B.		r					
C -1	For supply at 400/230 Volta							-						T			
-1	Sacotioned lead less than 5 kW			11.87		(0.97)		0.17	ĺ	1.17		12.24	ļ	ì			2.76
	Sactioned had 3 kW & up to 500 kW	400.00		11.37		(0.97)		0.17		1.17		11.74		ł			2.76
	Fer supply at 11.33 kV up to and including	380.00		11.17		(0.97)		0.17		1.17		11.54			1		2.76
C -34m)	For supply at 66 kV & above and sanctioned			11.07		10.00	ì	0.17	1	1.17	1	11.44	1	1			2.76
1	load above 5000 kW	360.06		11.07		(0.97)	ļ	0.17	Į	1.17	Į.	11.44	ļ.	Į			2.70
ŀ		(															
ļ	Tims Of Use		Poak	Off-Peak	Peak	Off-Pcak	Peak	Off-Poak	Prek	Off-Peak	Peak	Off-Peak	}	Peak	Off-Peak	Peak	Off-Peak
C -1(e)	For supply at 400/230 Voite 5 kW & up to	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
	For supply at 11,33 kV up to and lactuding	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 & shows and sanctioned	l	15.67	8.77	(0.97)			0.17	1.17	1.19	16.04	9.16	1	1		1.96	3.04
L	load above 5000 kW	360.00	144.07	0.77	10.97	(0.97)	0.17	0.17	1.17	1.19	10.04	7.10	<u> </u>	<del></del>	ــــــــــــــــــــــــــــــــــــــ	1.90	3,04

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

### 

														CoP 7ar	iff Rationils	ation	
		FIXED		E CHARGES	nev .	2016	Merten	Off Charges		A 2017	<b>.</b> .			Subsidy		Sur	charge
Sr. Nn.	TARIFF CATEGORY / PARTICULARS	CHARGES	YARIABI	E CHANGES	F17	2016	Write-	on Cuargos	,	.€ 2017	Iotal Var	lable Charges	FIXED CHARGES		RIABLE ARGES		RIABLE ARGES
i		Ra/kW/M	Ra Ra	/kWh	Rs	/kWh	R	/kWb	- 12	-/kWb	R.	/kWb	Rs/kW/M	Re	/k Wh	Re	/kWb
		_A		8		С		D		£		Y					
D-1(a)	SCARP less then S kW			12.77		(0.97)		0.17	,	1.17		13.14			1.14		
D 2 (a)	Agricultural Tube Wells	200.00		13.07		(0.97)		0.17		1.17		13.44		]	1.94	ļ	
Į		1	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak	Peak	Off-Peak		Peak	Off-Peak	Pesk	Off-Peek
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)	Agriculturel S kW & abovo									j i							
	<u> </u>	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		
is additi	on to above mentioned subsidy on variable abo													3.69	0,29	L	

In addition to above mentioned subsidy on watchie sharges, the flead charges applicable its private agriculture consumer under teriff D-2 and D-1 [9] in also picked by OoF as Subsidy.

Under this tariff, there shell be miximum mentify charges Ra. 2000/. per consumer per menth, even if no energy is consumed.

Note: The consumers bering sanctioned lead less tans S W can set for TOU metaring.

Note: Tariff under Colum A and F of Annex-III skall remain applicable for one year from the date of softly setting. Colum C, D, E and F of Annex-III skall remain applicable, III has anne is unperseded by a nost notification.

		FIXED	VARIABLE CHARGES	FYA 2016	Writy-off Charges	PYA 2017	Total Variable Charges		GoP Tariff Rationlis Subsidy	Surcharge
Sr. No.	TARIFF CATEGORY / PARTICULARS	CHARGES Ra/kW/M	Ra/kWb	Re/kWh	Ra/kWh	Ru/kWh	Re/kWh	FIXED CHARGES Re/kW/M	VARIABLE CHARGES Ra/kWb	VARIABLE CHARGES Re/kWb
		٨	8	С	D	E	F	14.7.2.17.12		
E-1(1)	Residential Supply		14.82	(0.97)	0.17	1.17	15.19			7.07
E- 1(11)	Cammercial Supply		15.37	(0.97)	0.17	1.17	15.74		1	8.81
E-2	Industrial Supply	-	11.37	(0.97)	0.17	1.17	11.74		1	8.11

For the categories of E-lifelij above, the minimum hill of the consumers shall be Rs. 30/- per day subject to a minimum of Rs. 300/- for the entire period of supply, even if no energy is consumed.

Note: Tariff under Colum A and F of Annex. Ill shall remain applicable for one year from the date of notification. Colum C, D, E and F of Annex-ill shall coase to exist after one year and only Colum A and F of Annex-ill shall remain applicable, till the same is supereyeded by a cost notification.

125% of relevant industrial tariff

Tariff-r consumers will have the option to convert te Regular Tariff and vice versa. This option can be exercised at the time of a new connection or at the hegicolog of the season. Date exercised, the option remains in force for a least uper year.

#### 

			PIXED	VARIABLE CHARGES	PYA 2018	Write-off Charges	PYA 2017	Total Variably Charges		GoP Tariff Rationiis Subeidy	Burcharge
Sr	. No.	TARIFF CATEGORY / PARTICULARS	CHARGES					TOTAL PERSONAL CHEFTER	PIXED CHARGES	VARIABLE CHARGES	VARIABLE CHARGES
L			Rs/kW/M	Ru/k Wh	Re/kWh	Re/kWh	Re/kWh	Rs/kWh	Ro/kW/M	Rs/kWh	Ra/kWh
			A	B	C	. D	K.	r			
		Street Lighting		14.47	(0.97)	0,17	1,17	14.84			n. 16

Veder Tariff G, there shall ha a miximum monthly charge of Ra. 3007; per meath per kW of immp capacity izstallen Neter Tariff under Colum A wad 7 of Annow. III shall remain applicable for one year from the date of cutification. Co only Colum A and 8 of Annew III shall remain applicable, III the same is expereyand by a next nestification. cation. Colum C. D. Z and P of Annex-III shall crase to exist after one year and

#### 

Γ										Gof Tariff Retionits	Atten
	ļ		FIXED	VARIABLE CHARGES	PYA 2016	Write-off Charges	PYA 2017	Total Varieble Charges		Subsidy	Surcharge
	Sr. No.	TARIFF CATEGORY / PARTICULARS	CHARGES			_			FIXED	VARIABLE	VARIABLE
	- !			1					CHARGES	CHARGES	CHARGES
L			Rs/kW/M	Rs/kWb	Rs/kWh	Rs/kWh	Rs/k Wh	Re/k Wh	Ro/kW/M	Rs/kWh	Ra/kWh
			٨	B	C	a	E	r•			
Г		Residential Celonies attached to industrial		14.47	(0.97)	0.17	1.17	14.84			0.16

Note: Tariff under Colum A and F of Annex-III shall remain applicable for one year from the date of sotification. Colum C, D, E and F of Annex-III shall cease to exist after one year and only Colum A and S of Annex-III shall remain applicable. Ill the same is supereded by a next actification.

		PIXED	VARIABLE CHARGES	PYA 2016	Write-off Charges	PYA 2017	Intel Variable Charges	1	GoP Tariff Rations Subsidy	Surcharge
Sr. No.	TARIFF CATEGORY / PARTICULARS	CHARGES					, -	FIXED . CHARGES	VARIABLE CHAROES	VARIABLE CHARGES
	1	Re/kW/M	Ra/kWk	Rs/kWk	Rs/k Wh	Ra/kWk	Re/kWk	Rs/hW/M	Ra/kWh	Ra/h Wh
[		Α	В	C	Q	E	7			
	Rallyway Traction		14.47	(0.97)	0.17	1.17	14.84	·		0.1d

Note: Tariff under Colum A and F of Annex. Ill shall remain applicable for one year from the date of notification. Colum C, D, E and F of Annex. Ill shall cases to exist after one year and only Colum A and B of Annex. Ill shall remain applicable, till the same in superseded by a next notification.

#### 

		1 i				i								GoP Ter	II Rationlis	tion	
		PIXED	VARIABI.	E CHARGES	PYA	2016	Write	off Charges	PY	A 2017	Tatal Vari	abie Charges		Subsidy		Sur	oherge
Sr. No.	TARIFF CATEGORY / PARTICULARS	CHARGES											FIXED CHARGES		IABLE ROES		RIABLE ARGES
		Ra/kW/M	Ra	/kWh	Ra	/kWh	R	s/kWb	R	s/kWh	Ra	/kWh	Rs/kW/M	R.	/kWb	Ra	/hWb
		Α		•		С		D		E		F					
-1	For supply at 66 kV & above and having sattetioned load of 20MW & abovs	360.0b		11,07		[0.97]		0.17		1.17	,	11.44					
-2		Į									_ ا						
[4]	For supply at 11,33 kV	380.00		11.17		[0.97]		0.17		1.17		11.54		ŀ	1		
	For supply at 66 kV & shows	360.00	1	11.07		(0.97)		0.17		1.17	Ì	11.44		1	1		
.3			1			, ,								l			
(=)	Far aupply at 11,33 kV	380,00		11.17		[0.97]		0.17		1.17	1	11.54		İ			
(6)	For supply at 66 kV & above	360.00	)	11.07		(0.97)		0.17		1.17		11.44		1			
	Tims Of Use		Penk	Off-Peak	Peak	Off-Ponk	Penk	Off-Peak	Penk	Off-Peak	Poak	Off-Peak		Pask	Off-Pauk	Peab	OIT-Pe
- L (b)	Far supply at 66 kV & above and	360.00	15.67	8,77	(0.97)	(0.97)	0.17	0.17	1.17	1.19	16.04	9.16					
	having sanctioned load of 20MW &										,						
· 2 (o)	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		1		i	ĺ
·2 [d]	For supply at 66 kV & above	360.00		8.77	(0.97)	(0.97)		0.17	1.17	1.19	16.04	9.16	}	1		1	1
3 (c)	Far supply at 11,33 kV	380.00	15.67	8.97	(0.97)			0.17	1.17	1.19	16.04	9.36		ĺ			1
.3 (d)	Far supply at 66 kV & above	360.00	15.67	8.77	(0.97)	(0.97)		0.17	1.17	1.19	16.04	9,16					İ

'Neslum-Jhelum Surcharge' at the rate of Ra, O. 15/kWh applicable os all electricity consumers except lifeline domestic consumers of the entegory "Residential A-1" for electreity sold.

Finencing Cost Surcharge" at the rate of Ra, O. 43/kWh applicable to all the of absorbiclety consumers except lifeline nomestic consumers of the entegory "Residential A-1" for electrality seld.

#### **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

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

ii) Where only 11 kV distribution systems is involved.

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

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

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

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	<b>201</b> 9-20	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	<sup></sup> 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	<b>300</b> 00
Financial Improvement Plan	0	0	0	0	0	0
Communication Improvement Plan	0	0	0	0	. 0	0
Total	7485	16189	17599	17541	15611	7 <b>442</b> 6
Consumer Contribution	3341	3592	3860	4151	4462	19406
Grand Total	10826	19781	21459	216 <b>9</b> 2	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 LESCOnot 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 LESCOnot later than 10th July and 10th January; as the case may be.
T&D Losses	11.76%	Biannually, as per the approved mechanism.	Request to be furnished by the LESCOnot later than 10th July and 10th 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 LESCOby 7th 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 LESCOby 7th July every year.
Other operating expanses	1,499	Annually, as per Annex-VI	Request to be submitted

			by LESCOby 7th July
			every <b>yea</b> r.
Depreciation	2,784	Annually, as per Annex-VI	Request to be submitted
			by LESCOby 7th 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	7.01%	Bi-Annually, as per the	
(In case of foreign financing		decision.	
the Authority may allow			
the adjustment of LIBOR)			

#### 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.
	A: Power Purchase Price (PPP) Adjustment	
	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: Prior Year Adjustment (PYA)	
	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
	C: Impact of Negative Monthly FCA's	•
	Negative FCA Retained (Life Line, Agri and Domestic Consumers upto 300 units)	(16,089)
Less;	Net Subsidy, if any	
	FCA amount to be passed on to the consumers	(16,089)
	Total Adjustment = A+B+C	3,363

- II. The impact of negative PYA amount of Rs.16,294 million already built in LESCO's redetermination 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

Fuel Price variation = Actual Fuel Cost Component - 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 consumitation by the consumer in the respective month.

#### 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;

Quarterly/Biannual PPP (Adj.) = PPP(Act) (excluding FCC)-PPP(Ref) (excluding FCC) (1-T&D Loss %) – (Life line Consumption %)

Where;

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

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 (Adj)

Where;

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.

# Lahore Electric Supply Company Limited (LESCO) Estimated Sales Revenue on the Basis of New Tariff

Description	Sale	l		Revnue	7 1		Tarill	PYA	2016	Wri	te ofi	PYA	2017	Tetal
	GWh	% Mix	Fixed Charge	Variable Min. Rs.	Total	Fixed Charge Rs./kW/ M	Variable Rs./kWh	Amount Min. Rs.	Variable Rs./ kWh	Ameunt Min. Rs.	Variable RsJ kWh	Ameunt Min. Rs.	Variable Rs./ kWh	Fixed Rs./kW/ M
Rosidential														INSTRUM IN
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	(1,569)	(0.97)	276	0 17	1.864	1 15	
101-200 Units	924	5.45%		10,140	10,143		10.97	(897)	(0.97)	157	0.17	1,063	1 15	
201-300 Units	1551	9.15%	- 1	18,568	18,563		11.97	(1,505)	(0.97)	284	0.17	1,799	1.16	
301-700∪nits	1066	6.29%		14,647	14.647		13.74	(1.055)	(0.99)	181	0.17	1.237	1.16	
Above 700 Units	306	1.81%	- 1	4.803	4,803		15.68	(300)	(0 98)	52	0 17	358	1 17	
For peak load requirement exceeding 5 kW)			1											
Tinte of Utie (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	
Fernporary Supply	1	0 00%		10	10		t4.82	(1)	(0 97)	0	0 17	t -	1.17	
Total Residential	6,552	38.63%	•	73,061	73,061			(6,200)		1,082		7,371		
Commercial - A2														
or peak load, equirement less than 5 kW	510	3.01%	-	7,843	7,843		15 37	(495)	(0 97)	67	0.17	592	1.16	
or peak load requirement exceeding 5 kW			}	1			1				1			
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	139 612	0.82%		2,172	2,172		15.87	(134)	(0.97)	24	0.17	162	1 17	
Fine of Use (TOU) - Off-Peak	45	3.61%	986	5,816	6,602	400	9.17	(594)	(0.97)	104	0.17	717	1.17	400
Temporary Supply  Total Commercial	1,371	0.26% 8.09%	1,061	688 17,061	18,123		15.37	(43)	(0.97)	8	0.17	52	1.17	
Loren Commissional	1,311	0.0376	1,001	17,001	10,123			(1,330)		233		1,601		
eneral Services-A3	509	3.00%	-	6,859	6,859		13.48	(494)	(0.97)	86	0.17	590	1,15	·
ndustrial				····			1		,/					
81	79	0 47%	- 1	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)	(C.97)	11	0 17	77	1.17	
B1 Off Peak	376	2 22%	. \	3,452	3,452		9.17	(365)	(C.97)	64	0 17	459	1.22	
B2	182	1.07%	199	1,973	2,172	400	10.87	(176)	(C.97)	31	0 17	212	1 17	400
B2 - YOU (Peak)	247	1 45%	.	3.866	3,866		15.87	(239)	(C.97)	42	0 17	289	1.17	
82 - 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
83 - 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	1,9.56%	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%	ì	1.285	1,285		15.67	(60)	(0.97)	14	0 17	96	1.17	
84 - TOU (Off-peak)	770	4.54%	638	8.674	7,312	360	8.87	(747)	(0.97)	131	0 17	901	1.17	360
Femporary Supply	0	0.00%		5	5 .		11.37	(0)	(0.97)	0,	0 17	0	1.17	
Total industrial	8,744	39.77%	5.972	64,489	70,462			(6,542)	٠.	1.147		8,004		
C1(a) Supply at 400 Volts-less than 5 kW		1			<del></del> 1	<del></del> _					<del></del>	<del></del>		
C1(b) Supply at 400 Volts-exceeding 5 kW	19	0.00%	- 1	7	7		11.87	(1)	(0.97)	· 0	0 17		1.17	
	,,	0.11%	14	213	227	400	11.37	(18)	(0.97)	.3	0 17	. 22	1.17	400
Fime of Use (TOU) - Peak Fime of Use (TOU) - Off-Peak	20	0.03%	19	68 184 i	68 204	400	15.67 9.17	(4)	(0.97)	. 3	0 17 0 17	5 25	1.17 1.22	400
C2 Supply at 11 kV	189	1.11%	101	2,110	2.211	380	11 17	(19) (183)	~ (0.97) (0.97)	32	0 17	221	1.17	.400 380
Time of Use (TOU) - Peak	33	0.20%		523	523	300	15.67	(32)	(0.97)	6	0.17	39	1.17	360
Time of Use (TOU) - Off-Peak	t 59	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	67	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	300
Fime of Use (TOU) - Off-Peak	9	0.05%	6	76	82	360	8.77	(8)	(0 97)	ें हैं।	0 17	10	1.19	360
Total Single Point Supply	503	2.97%	332	5,383	5,715		•	(486)		, 86		593		
gricultural Tube-wells - Tariff D														
Scarp	47	0.28%	-	601	601		12.77	(46)	(0.97)	8	0 17	55	1,17	
Time o' Uso (TOU) - Peak	76	0 45%	- 1	1,185	1,185		15.87	(73)	(0.97)	. 13 □ • 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
Agricultual Tube-wells	195	1 15%	173	2.549	2,722	200	13.07	(189)	, (0.97)	• 33	0.17	228	1.17	200
Time o' Use (TOU) - Peak	165	0 97%		2.581	2.581		15 67	(180)	(0 97)	28	0.17	193	. 1 17	
Time a Uso (TOU) - Off-Peak	660	3.89%	535   739	5.786	8,321	200	8.77	(840)	(0.97)	112	0.17	772	1.17	200
Total Agricultural	1,177	0.56%	738	13,007	13,746	<del></del>	14 47 1	(1,142)	1071	200	0.71	1,377		
ublic Lighting - Tariff G esidential Colonies	6	0.05%	:	118	1.381		14.47 14.47	. (93) (8)	-, J.97) (0.97)		0.17 0.17	112 10	1 17.	
Fariff I- Raiway Traction	ő	5.0574		- 1			17.77	(0)	: (0.87)	٠ ' ا	0.17	10	1.17	
	104	0.61%	. '	1,498	1,496	•	'	(100)		. 1¢		. 121	1	
•	.04	4.417	•	1,430	1,430			(100)		16		121		
Sub-Total					7	360	11.07		(0.07)		0 17 1		· ; ; ; ·	100
Sub-Total pecial Contract - Tariff-J		O nnez		•	:	300	15.67		(0.97) (0.97)		0.17		1.17	360
Sub-Total pecial Contract - Tariff-J  J-1 For Supply at 65 kV & above	- 1	0.00%	_			ì	8.77		(0.97)		0.17	- 1	1.17	380
Sub-Total pecial Contract - Tariff-J  J-1 For Supply at 55 kV & above Time of Use (TOU) - Peak	: [	0 00%	:	:		360 4								
Sub-Total Decial Contract - Tariff-J  J-1 For Supply al 56 kV & above Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak	:		:	•	-	360 380		: 1				. 1	1.17	380
Sub-Total pecial Contract - Tariff-J  J-1 For Supply at 55 kV & above Tinte of Use (TOU) - Peak	-	0.00%	•		- -		11.17 15.67		(0.97) (0.97)		0.17 0.17	:	1.17	380
Sub-Total pecial Contract - Tariff-J  J-1 For Supply at 65 kV & above fine of Use (TOU) - Peak Time of Use (TOU) - Off-Peak J-2 (a) For Supply at 11, 33 kV	-	0.00% 0.00% 0.00%	-	•	- - -		11,17	-	(0.97)		0.17		1.17 1.17 1.19	380
Sub-Total pecial Contract - Tariff-J  J-1 For Supply at 68 kV & above finite of Use (TOU) - Peak finite of Use (TOU) - Off-Peak J-2 (a) For Supply at 11, 33 kV Time of Use (TOU) - Peek		0.00% 0.00% 0.00% 0.00%	-	•	- - -	380	11.17 15.67	-	(0.97) (0.97)		0.17 0.17		1.17	
Sub-Total Decial Contract - Tariff J  J-1 For Supply al 56 kV & above Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak J-2 (a) For Supply at 11, 33 kV Time of Use (TOU) - Peek Time of Use (TOU) - Peek Time of Use (TOU) - Off-Peak		0.00% 0.00% 0.00% 0.00% 0.00%	-	•	- - -	380 380	11,17 15.67 8.97		(0.97) (0.97) (0.97)		0.17 0.17 0.17		1.17	380
Sub-Total Decial Contract - Tariff-J  J-1 For Supply at 66 kV & above Tinte of Use (TOU) - Peak Time of Use (TOU) - Off-Peak  J-2 (a) For Supply at 11, 33 xV Time of Use (TOU) - Peek Time of Use (TOU) - Off-Peak  J-2 (t) For Supply at 66 kV & above	-	0.00% 0.00% 0.00% 0.00% 0.00%	:		- - - -	380 380	11,17 15.67 8.97 11,07	-	(0.97) (0.97) (0.97) (0.97)		0.17 0.17 0.17 0.17	-	1.17 1.19 1.17	380
Sub-Total Decial Contract - Tariff-J  J-1 For Supply at 88 kV & above Inne of Use (TOU) - Peak Inne of Use (TOU) - Off-Peak  J-2 (a) For Supply at 11, 33 kV Time of Use (TOU) - Peek Time of Use (TOU) - Off-Peak  J-2 (b) For Supply at 86 kV & above Inne of Use (TOU) - Peak	-	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%			- - - -	380 380 360	11.17 15.67 8.97 11.07 15.67	-	(0.97) (0.97) (0.97) (0.97) (0.97)	-	0.17 0.17 0.17 0.17 0.17		1.17 1.19 1.17 1.17	380 360
Sub-Total pecial Contract - Tariff-J  J-1 For Supply at 66 kV & above Inne of Use (TOU) - Off-Peak J-2 (a) For Supply at 11, 33 kV Time of Use (TOU) - Off-Peak J-2 (b) For Supply at 10, 30 kV Time of Use (TOU) - Off-Peak J-2 (t) For Supply at 66 kV & above Inne of Use (TOU) - Off-Peak Time of Use (TOU) - Off-Peak Time of Use (TOU) - Off-Peak	-	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%			- - - -	380 380 360	11.17 15.67 8.97 11.07 15.67 8.77	-	(0.97) (0.97) (0.97) (0.97) (0.97) (0.97)		0.17 0.17 0.17 0.17 0.17 0.17	• • • •	1.17 1.19 1.17 1.17 1.19	380 360 380
Sub-Total pecial Contract - Tariff-J  J-1 For Supply at 65 kV & above Inne of Use (TOU) - Peak Irme of Use (TOU) - Off-Peak J-2 (a) For Supply at 11, 33 kV Irme of Use (TOU) - Peek Irme of Use (TOU) - Off-Peak J-2 (t) For Supply at 66 kV & above Irme of Use (TOU) - Peak Irme of Use (TOU) - Off-Peak J-3 (a) For Supply at 60 kV & above Irme of Use (TOU) - Off-Peak J-3 (a) For Supply at 11, 33 kV	-	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	-		- - - -	380 380 360	11.17 15.67 8.97 11.07 15.67 8.77	-	(0.97) (0.97) (0.97) (0.97) (0.97) (0.97) (0.97)		0.17 0.17 0.17 0.17 0.17 0.17 0.17		1.17 1.19 1.17 1.17 1.19 1.17	380 360 380
Sub-Total pecial Contract - Tariff-J  J-1 For Supply at 65 kV & above Inite of Use (TOU) - Peak Inite of Use (TOU) - Off-Peak J-2 (a) For Supply at 11, 33 kV Time of Use (TOU) - Peek Time of Use (TOU) - Peek Inite of Use (TOU) - Off-Peak J-2 (t) For Supply at 66 kV & above Inite of Use (TOU) - Peak Inite of Use (TOU) - Off-Peak J-3 (a) For Supply at 11, 33 kV Inite of Use (TOU) - Peek Inite of Use (TOU) - Off-Peak J-3 (a) For Supply 86 kV & above	-	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%			- - - -	380 380 360 380 380	11.17 15.67 8.97 11.07 15.67 8.77 11.17 15.67 8.97 11.07	-	(0.97) (0.97) (0.97) (0.97) (0.97) (0.97) (0.97)		0.17 0.17 0.17 0.17 0.17 0.17 0.17 0.17	-	1.17 1.19 1.17 1.17 1.17 1.17	380 360 380 380
Sub-Total  Decial Contract - Tariff J  J-1 For Supply at 85 kV & above Inne of Use (TOU) - Peak Inne of Use (TOU) - Off-Peak J-2 (a) For Supply at 11, 33 kV Inne of Use (TOU) - Off-Peak J-2 (b) For Supply at 66 kV & above Inne of Use (TOU) - Off-Peak J-2 (b) For Supply at 66 kV & above Inne of Use (TOU) - Off-Peak J-3 (a) For Supply at 11, 33 kV Inne of Use (TOU) - Off-Peak J-3 (b) For Supply at 11, 33 kV Inne of Use (TOU) - Off-Peak J-3 (b) For Supply at 86 kV & above Inne of Use (TOU) - Off-Peak J-3 (b) For Supply at 86 kV & above Inne of Use (TOU) - Peak	-	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%			- - - -	380 360 360 380 380 380	11.17 15.67 8.97 11.07 15.67 8.77 11.17 15.67 8.97 11.07 15.87		(0.97) (0.97) (0.97) (0.97) (0.97) (0.97) (0.97) (0.97) (0.97) (0.97) (0.97)		0.17 0.17 0.17 0.17 0.17 0.17 0.17 0.17		1.17 1.19 1.17 1.17 1.19 1.17 1.17 1.19 1.17	380 360 380 380 380 380
Sub-Total Decial Contract - Tariff-J  J-1 For Supply at 86 kV & above Inne of Use (TOU) - Peak Inne of Use (TOU) - Off-Peak J-2 (a) For Supply at 11, 33 kV Time of Use (TOU) - Peek Time of Use (TOU) - Peak J-2 'th For Supply at 66 kV & above Inne of Use (TOU) - Peak Inne of Use (TOU) - Peak J-3 (a) For Supply at 11, 33 kV Time of Use (TOU) - Peak Inne of Use (TOU) - Peak J-3 (a) For Supply at 11, 33 kV Time of Use (TOU) - Peak J-3 (b) For Supply et 88 kV & above	-	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	-		- - - -	380 380 360 380 380 380	11.17 15.67 8.97 11.07 15.67 8.77 11.17 15.67 8.97 11.07		(0.97) (0.97) (0.97) (0.97) (0.97) (0.97) (0.97) (0.97) (0.97) (0.97)		0.17 0.17 0.17 0.17 0.17 0.17 0.17 0.17		1.17 1.19 1.17 1.17 1.17 1.17 1.17 1.17	380 360 380 380

Tetal Revenue 16,960 100,00% 8,104 181,359 189,463 (16,294) 2,848 19,657

Tariff monitoried under Column "Tetal 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 Cast Camponent	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	1,1 0.37	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
U5CF	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 Millior
Fuel Cast Company	0.374	0.205	0.665							2 42 4	2 224	0.607	105 200

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 <b>,0</b> 97	4,369	<b>48,62</b> 3
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:

	* PEAK TIMING	OFF-PEAK TIMING
Dec to Feb (inclusive)	5 PM to 9 PM	Remaining 20 hours of the
day		
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-

<sup>\*</sup> 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-l(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,
  - wiv) 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-I 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-I(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.
- 45 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

- I. 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-I, B-2 shall be respectively applicable.

#### D-1

- I. 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-I(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 reconnected 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.

#### **DEPRECIATION EXPENSE**

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

$$DEP_{(Rer)} = DEP_{(Ref)} \times \frac{GFAIQ_{(Rer)}}{GFAIQ_{(Ref)}}$$

Where:

 $DEP_{(Rev)}$  = Revised Depreciation Expense for the Current Year

 $DEP_{(Ref)}$  = Reference Depreciation Expense for the Reference Year

GFAIO<sub>(Rev)</sub> = 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/prechanism:

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

Where:

 $OI_{(Rev)}$  = Revised Other Income for the Current Year

OI<sub>(1)</sub> = 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:

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

Where:

X

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

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

ΔCPI = 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.

= Efficiency factor

#### **RORB**

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

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

Where:

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

RORB<sub>(Ref)</sub> = Reference Return on Rate Base for the Reference

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

 $RAB_{(Ref)}$  = Reference Rate Base for the Reference 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 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/Ba	ay)								
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
1	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:

Г	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 Jublice 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 Lulliyan- 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  SarfrazNagar- 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

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2019-20	Paragon Eden ChanarBagh Kasur – II Jamber	Feed for Jamber (In & Out from Bhaipheru- 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 220k V Ghazi- 132k V 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.	Description	Unit			Quar	itities		
No.	Description	Omt	2015-16	2016-17	2017-18	2018-19	2019-20	Total
Scor	oe of Work for 11 kV and I	Below E	Expansion	L				
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 ⅓ VA	Nos.	931	969	1007	1048	1090	5045
	c. 200 KVA	Nos.	381	396	412	429	. 446	2064
Ì	d. others KVA	Nos.	4042	4202	4370	4544	4725	21883
<u></u>	Sub Total	Nos.	5749	5978	6216	6465	6723	31131
Scop	e of Work for LT Expansi	ion						٠
3	New LT Lines							
\ !	Length of new LT line	Km	278	289	300	312	325	1504
Scop	e of New Meter Service C	onnect	ions	,				
4	a. Single Phase	Nos.	120205	125013	130013	135214	140622	651067
	b. Three Phase	Nos.	35557	36980	38458	39998	41597	192590
	c. MDI (Maximum	Nos.	88	91	95	99.	103	476
	Demand Indicator)							
	Sub Total	Nos.	155850	162084	168566	175311	182322	844133

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

S.	Description	Unit	Quantities							
No.	Description	Omt	2015-16	2016-17	2017-18	2018-19	2019-20	Total		
Scop	e of Work for 11 kV and B	elow R	ehabilitat	ion						
1	Rehabilitation of HT Li	nes								
	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	Кm	144	163	177	163	163	810		
	Reconductoring									
2	Replacement of Overloa	ded Tra	ansformer	S			/			

1.

				,				
	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	Replacement of Damage	ed / Bu	rnt Trans	formers			·	
	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

Scop	oe of Work for LT Rehab	ilitation						
1	LT Lines Rehabilitation	n						
	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	Kın	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.	Description	Unit			Qua	ntity		
No.	Description	Om	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	Km	26918	325	358	325	351	28277
	mapped							
2	LT Mapping				9			
	Length of LT Lines	Nos.	0	800	1500	3000	4500	9800
ļ	Length of LT Lines	Km	0	15	23.3	31	39	108
į	mapped							
3	Tools Required							
	GIS Mapping Software	Nos.	0	11	0	0	0	11
	Licenses							
	Hardware including	Nos.	0	121	42	42	42	247
	plotters, computers, GPS							
	devices etc.							
	Sub Total		28361	1322	1978	<b>3</b> 448	4986	40095

S.	Description	Tinit		Quantity									
No.	Description	Unit	2015-16	2016-17	2017-18	2018-19	2019-20	Total					

Study	Based Planning using C	GIS Maps	with Moo	dern Plan	ning Too	ls - Trans	sition Plan	1
1	HT							
	HT Proposals	Nos.	10	15	25	35	40	125
2	LT						<u></u>	
	LT Proposals	Nos.	0	100	150	185	200	635
3	Tools Required							
	Simulation Software	Nos.	. 0	18	28	28	22	96
1	Licenses							
	Hardware including	Nos.	0	52	56	56	44	208
	plotters, computers etc				}			
	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
В	Electronic Metering/ TOU Metering	100	100	100	100	100	500
С	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	Q	• 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
В	AMR Meters installed at Substations, 11 kV Feeders and Distribution transformers	26665
С	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
ſ		Sub Total	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
	Sub Total	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
	Sub Total	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
	Sub Total	173	182	191	200	210	956

[tariff-2015-16]

(Syed Mateer Ahmed) Section Officer (Tariff)

## Government of Pakistan Ministry of Energy

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

#### NOTIFICATION

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. 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.

### ACTION CONTRACTOR OF THE PROPERTY OF THE PROPE THE PERSON OF TH

GoP Tariff Rationliantie PIXED CHARGES Write-off Charges TARIFF CATEGORY / PARTICULARS PLXED CHARGES VARIABLE CHARGES VARIABLE CHARGES He/KW/E Ra/kW/M Rs/bWb Re/LWh at For Sanctioned load less than 5 kW I Up to 50 Units
For Consumption exceeding 50 Units 4.00 3.00 0.14 0.14 0.14 001 - 100 Paile 101 - 200 Units (1.19) (1.18) 8.60 9.64 0.02 2.81 10.61 2.50 0,03 201 - 300 Onits 301 - 700 Units (1.19) 11.92 14.78 1.72

0.03

0.03

0.02

0.14

Off- Peak

0.15

0.15

0.14

15.36

15.41

1.22 3.59

PARK | Off-Peak | Peak | Off-Peak

(1.16)

(1.15)

(1.19) (1.19) 0.02 As per Authority a decision residential consomers will be given the kensilte at only one pravious lieb.
Under tariff A-1, there shall be minimum mentily customer charge at the following extenseven if no energy is co

Above 700 Units

Time Of Use

16.39

aj Single Phase Connections:

Rs. 75/- per consumer per month

b) There Phase Cannections:

Rs. 150/- per consumer per month

Sect Tariff under Colum A not P of Amora-III shall remain applicable for near pear from the date of notification. Colum C. D. E and F of Amora-III shall conse to salat after one year and noily

Colum A and B of Amora-III shall remain applicable, till the same le superceded by a next potification.

15,76

16.35

P.69

			-	-	Varance de la	17.73												
Br. No. TARIFF CATEGORY / PARTICULARS	FIXED CHARGES			LE CHARCES PYA 2016		Write-of	Charges	PYA	2017	Total Veri	able Charges	90F Tariff Retier Subsidy FIXEO VARIABLE CHARGES CHARGES		UABLE	Bur VAS	Chury Uable Arges		
	Re/kW/M	Rs/	wh	R#/	Re/kWb		EW P	Ra/bWk		Ra/kWh		Rs/kW/M	Ra/kWh		Re/kWh			
al Far Senctioned load less then 5 kW		· · · · · ·	15.39		[1-19]		0.02		0.14			i						3.64
b) For Sexctioned load 5 kW & above	400.00		Off-Peak	Peak	Off-Penk	Peak	On-Pask	Prak	U.14 Off-Peak	Pest	Off-Pes h		Prok	Off-Peak		S.14 Off-Penk		
o] Tiene Di Use	400.00	16.39	9.89	11.191	11.191	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 fallowing rates even if no energy is consumed.

Rs. 176/- per con-

No. 2007 per consumer per month.

No. 2007 per consumer per month.

No. 2007 per consumer per month.

Rotes Testif under Colum A and F of Annea: Ill shall remain applicable for new year from the date of mulification. Colum C. O. E and F of Annea: Ill shall remain applicable, ill the same is superpected by a sax of cultification.

								Gop Tariff Rotlonii	estlen .	
	FIXED	VARIABLE CHARGES	FYA 2016	Write-aff Charges	PYA 2017	Tetal Variable Charges		Suhaidy	Burcharge	
8r. No. TARIFF CATEGORY / FARTICULARS	CHARGES			-			CHARGES	VARIABLE	VARIABLE	
		l	Ra/kWb	Ra/kWh	Rs/kWb	Rs/kWk	)	Rs/kWk	Ra/kWh	
	Rs/kW/M	Re/kWh	KS/ SWB	Ra/am p	KB/ NW Q	KS/ EW E	Rs/kW/M	RS/RWR	KS/ EWG	
	A	B ]	C .		<u> </u>		i			
- Cition and Marylons		13.59	/1 101	0.03	0.00	13.51		1	2	24

Under tariff A-2, there shall be minimum monthly charges at the fullowing rates even if ne energy is consumed.

Rs. 175/- per consumer per month Rs. 350/- per consumer per month

Hots: Twiff under Colum A and F of Annex. III shall remein applicable for one gase from the date of outification. Colum C. D. Z and F of Annex. III shall cases to exist after one year and anly Colum A and 8 of Annex. III shall remain applicable, till the name is superseded by a next astification.

tr. Na.	Br. No. TARIFF CATEGORY / PARTICULARS		VARIABL	E CHARGES	PYA:	3016	Write-off	Charges	PYA	3017	Total Varie	skie Charges	. FIXED CHARGES	VAI	HT Bationiis Riable Arges	- €ur VAI	EDBIES RIABLE ARGEB
	1	Ra/kW/M	R.	/kWh	Ra/kWk		Re/kWk		Ra/	Ra/kWk		Re/hWh		R	/bWh	R	/kWk
	1			B				, "				<i>F</i>					
В 1	Opto 25 kW (at 400/230 Valta)	1 -		10.89		(1. t 9j		0.02		0.35		10.00					4.50
B2(c)	exceeding 25-500 kW (at 400 Volts)	400,00	ì	10.39		(1-19)	1 0.		0.02			9.36					4.64
1	[Time Of One	1	Peak	Ort-Penk	Poak	Off-Peak	Peak	Off-Pauk	Pesk	Off-Peak	Pank	Off-Peak		Pank	Off-Peak	Fank	Off-Peak
34.741	Up to 25 KW	[	16.39	9.89	[1.19]	(1.19)	0.02	0.02	U.14	0.14	1, 16	8.86				2.64	3.64
	exceeding 25-500 kW (at 400 Volta)	400,00	16.39	9.69	(1.19)	(1.19)	0.p2	0.02	.0.14	D. 14	15.36	8,66		ļ	1	2.64	3.63
	For All Loads up to 8000 kW (at 11.33 kV)	380,00	16.39	9.59	(1.19)	(1,19).	0.03	0.02	0.14	0.14	15.36	6.50				3.64	3.64
	For All Loads (at 66, 133 kV & above)	360,00	16.39	9.49	(1.19)	(1.19)	0.03	0.02	0.14	0.10	15.36	8.46				3.64	3.64

Hets: Tariff under Colum A and F of Annes. Ill shall cemals applieship for any year from the date of notification. Colum C, D, E and F uf Annes. Ill shall cemps to exist after now year and only Colum A and S of Annes. Ill shall remain applicable, till the came is superseded by a coast notification.

<u> </u>													OoP Tar	ill.Restenite		cherre.
Sr. No. TARIFF CATEGORY / FARTICULARS	CHARGES	VARIABLI	CHARGES	PYA ?		Writ s off	- }	PYA:			ble Charges	PIXED CHARGES	VAS	MASLE ARGES	VAI CH	ARGES
	R-/EW/M	Re	kwb	R#/1	wb	Ra/1		Ra/I	twh	Raj	LW h	Ro/kW/M	R.	/kWb	Ri	/kWh
	<del> ^-</del>															
For supply at 400/230 Volts sin Sentioned load less than 5 kW		ì	11.39		(1.19)		0.02		0.14		10.36	i				4.64
hi Sanctioned load I has then 5 aw hi Sanctioned load 5 kW & up to 500 kW	400.00	1	10.89		11, 191		0.02		0.14		9.86					4,64
	400.00	ĺ	10.07		10.00		0.00		***	į		ĺ	ĺ			
:-J(a) For supply at 11,33 kV up to and including	380.00	1	10.89		(1. 19)		0.02		0.14		9.66	1	1			4.6
Jial 'For supply at 66 kV & above and sanctioned										!		(	í	1	i	
load above 5000 kW	360.00	}	10.59		11.191		0.02		0.14	1	9.56		)			4.6
Time Of Use	1	Penk	Diff-Funk	Peak	Off-Feek	Peak	Off-Pask	Feak	Off-Peak	Prok	Off-Peak		Peak	Off-Peak	Peab	Off-Pest
2 -1(c) For supply at 400/330 Voite 5 kW & up to	400,00	16.39	9.89	[1.19]	(1.19)	0.02	0.02	0.14	0.14	15.36	8.86	{	į '		2.64	3.6
2 -2(b) For supply at 11,33 kV up to and including	380.00	16.39	9.69	(1.19)	(1.19)	0.02	0.02	0.14	0.14	16.36	8.56	l		i	3.64	3.6
C -3(b) For supply at 66 kV to above and sanotioned	360.00	16.39	9.59	(1.19)	(1.19)	0.02	0.02	0.14	0.14	15.36	6.56		j		2.64	3.6

1 360.00 [16.39 ] 9.39 [ [1.19] [ 0.02 ] 0.02 ] 0.14 ] 0.14 ] 15.36 | 5.56 |

Note: Tariff under Colum A and F of Americal shall remain applicable for one year from the date of metilication. Colum C. D. E and F of Americal shall remain applicable. Till the same is supervised by a seat softlestion.

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	TARIFY CATEGORY / PARTICULARS	FIXED CHARGES	VARIABL	E CHARGES	PYA	2018	Writ #-oft	Charges	FYA	2017	Total Vari	able Charges		Sub sid y	ili Rationile		C best at
Sr. Ne.	TARRY CATEGORY / PARTICULARS	Re/kW/M	P-	/kWb	Ra/I		Ra/	LWA	Re/	LW h		/kWh	CHARGES	CH.	ARGES	CH	RIABLE AROES
	<del> </del>	A		B				D		£	~	7	Rs/kW/M	- Ki	/hWh		*/Wb
D-1 (s)	SCARP Irea them 5 kW			11,89		[2, 19]		0.02		0.14		10.86		,			
D-3 (a)	Agricultural Tuka Wells	200.00		10.89		[1, 19]		0.01		0.14		9.86					
2	i T		Post	Off-Peab	Peab	Off Fact	Peak	Off-Prak	Penk	Off-Pank	Past	Off. Pont		Pauls	Off-Pash	Pank	Off-Peak
0.7 (41)	SCARP 3 kW & shove	300.00	16.39	9.59	(1.19)	(1.19)	0.02	0.02	0.14	0.14	15.36	8.56		0.36			
D-2 (b)	Agricultural 5 kW & above	100.00	16.39	9.69	(1-19)	[1.19]:	0.02	0.02	0.14	0.14	15.36	8.56	1	5.01			
in addit	ios to skove mentioned sukaldy on variable ch	arges, the fixe	d oharges	applicable to	privale agri	culture cons	umera unde	r tariff D-2	nd D-1 (b) is	slee picked	by GoP as !	Bubaidy.					

. I the date of notification. Culum C. O. E and F of Annes:[II shall cease to exist after one year and only

Under this teriff, there shell be minimum manthly charges Ra. 2000/- per communer per month, even if no energy is consumed.

Rates. The consumers having ampeliance look has that 5 kW can ope for TOD matering.

Rect Tariff maker Cerium And F of Annex III shall remain applicable for one year from the data of notification. Column C. 0. E.

Culum A and S of Annex III shall remain applicable, till the sense is superseded by a next notification.

11.00			districted and of	distribution in the						
Br. No.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	PYA 2016	Write-off Charges	PYA 2017	Total Variable Charges	FIXED	Gof Tariff Retionite Subsidy VARIABLE	Puccharge VARIABLE
		RejkWjM	RajbWb	Re/kWh	Rs/kWh	Rs/kWh	Rs/kWk	CHARGES Rajaw/M	CHARGES Rs/kWb	CHARGES Rs/kWh
-				<u> </u>	D	2	7			
E-1 14 1	landontini Buppiy		18.39	(1.19)	0.02	0-14	15.36		1	6.90
E-1 (U) C	Commercial Supply		15.39	(1.19)	0.02	0. t4	14.36	:	1 .	7.99
E-2	ndustrie) Supply	i	10.89	(1.19)	0.02	0.14	9.86		i.	9,99

For the categories of E-18618 above, the minimum bill of the consumers shall be Re. 50/- per day subject to a minimum of Re.500/- for the entim period of supply, even if no energy le consumers.

Note; Tatiff under Colum A and F of Annex-III shall remain applicable for one year from the date of artification. Colum C, D, E and F of Annex-III shall remain applicable, till the same is supersedue by a next netification.

#### 135% of relevant industries tariff

Note: Tariff-f consumers will have the option to convert to Regular Tariff and vice verse. 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 (or at least one year).

	FIXED	VARIABLE CHARGES	FYA 2016	Write-off Charges	FYA 2017	Total Variable Charges	Gof Tarili Ration)	ention Surchares
Sr. No. TARIFF CATEGORY / PARTICULARS	CHARGES	The state of the s		William Campiere	110 2017	total Antivaté Conflet	PIXEO VARIABLE CHARGES CHARGES	VARIABLE
	Re/kW/M	Ra/kWh	Rs/XWh	Rs/kWx	Re/kWh	Ro/kWh	Ra/kW/M Ra/kWh	Ra/IWs
			С	D	ž			
Btreet Lighting		10.39	(1.19)	0.02	0.14	9,36		5.64

Under Tariff Of their shall be a minimum monthly charge of Ra. 500/. per menth per hW of jump especity inatalised.

Noter Tariff of their shall be a minimum monthly charge of Ra. 500/. per menth per hW of jump especity inatalised.

Noter Tariff under Column A and F of Annea III shall remain applicable for one year from the date of notification.

Column A and B of Annea III shall remain applicable, IIII (the souns is reperseded by a next notification.

Gof Tariff Rationileati 97, No. TARIYF CATEGORY / PARTICULARS CHARGES VARIABLE CHARGES VARIABLE PIXED Re/kWh Re/kWh Re/hW/M Residential Colonies attached to industrial

premises

10.39

[1.19]

0.02

0.14

9.26

Nate: Tariff under Colum A and F of Annexill about ramin applicable for one year from the date of sptification. Colum C, D, E and F of Annexill shall remain applicable. Ull the same is superseded by a saxt outflication.

84. No. TARIFF CATEGORY / PARTICULARS	PEXED CHARGES	VARIABLE CHARGES	PYA 3016	Write-off Charges	PYA 2017	Total Variable Charges	BUDAID PEXEO V	ARIABLE	Burgharge VARIABLE
	Ra/EW/M	Re/kWh	Ra/kWk	Rs/kWk	Rs/kWh	Re/kWk		HARGES Ro/kwh	CHARGES Re/kWh
Aras Jamuiu & Kashmir (AJK)	360.00	10,39	(1.19)	0.02	0.14	9.36	L		3.67
· ·	l	Pank Off-Ponk	Peak Off Peak	Peak Off Pank	Penk Off-Penk	Ponk Off-Ponk	Pest	Off-Penk	Penk Off Penk
Time of Oay	360,00	16.39 11.09	[1.19] [1.19]	8.02 8.02	0.14 8.14	15.34 10.06			3,644 3,14

Note: fariff under Colum A and F of Annea-III shall remain applicable for one year from the date of optification, Colum C, O, E and F of Annea-III shall sense to exist after one year and buly Colum A and B of Annea-III shall remain applicable, till the same is superseded by a next notifination.

The state of the s

														GoP Ter	iff Retionlia	ation	
·		PIXEO	VARIABLE	S CHARGES	PYA	2016	Write-off	Charres	PYA	2017	TOTAL VARA	akle Charges		Bubaidy		Sur	charge
j Br. No.	TARIFF CATEGORY / PARTICULARS	CHARGES				1			• • • • • • • • • • • • • • • • • • • •			-wie Court Eas	PÉCED	VAS	ELEALE	VAI	RIABLE
				1									CHARGES		ARGES		ARGES
		Re/kW/M	Ra	/kWk	Ra/	Wh	Ra/	Wh	Ra/	kWh	Ra	/kWh	Ra/kW/M	Re	/kWb	R	4/6Wb .
				B	<del></del>					2		P					
	For supply at 66 kV & above and having senttlened had of 20MW & above	!				1		1			1						
3.2	selectioned into at 30MM at spons	360.00		10.59		[1.19]		0.02		8, 14	1	9,66		!			
		l		1				í	ĺ		i					(	
	For supply at 11,33 kV For supply at 06 kV & shove	380.00	1	10.69		[1.19]		0.02		0.14		9,66	ł	i			
17-3	For supply at 00 KV & Rhove	360.00	ĺ	10.39		[1.19]		0.02		0,14	;	9,56	1.	i			
	For supply at 11,33 hV	380,00		10,09										l			
	For supply at 66 kV & skovs	360.00	1	10.59		(1.19)		0.02		0.14	i	9.66		1		!	
; ,	, or supply at on by a store	300.00	1	10.39		[1, 19]		0.02	1	0.14	i	9.86		:			
	Time Of Use	ł	Feak	On Peak	Feek	Off-Pask	Peak	Off-Peak	<u> </u>			Off-Peak	i			ļ,	
	· For supply at 66 kV & shove and having	1	} <del></del>	OHITON		Olivest	TYPE .	Oli-Lask	Pvah	Off. Fenk	Prab	O(1-P+ak		Pack	O!f-P+ ab	Peek	Off-Punk
	sanctioned lead of 20MW & ekeva	360,00	16.39	9.59	(1.19)	(1, 19)	0.02	0.02	0.14	0.14	15,36		i	!		1	
	For supply at 11,33 bV	380.00	16.39	9.69			0.02					8,56		1 1		( )	
	For supply at 66 kV & shave	360.00	16.39	9.59	[1.19]	[1.19]		0.02	0.14	0.14	15,36	8.66	!	1 !	}	) ;	1
	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	2.56		i i			
	For supply at 66 kV h above	360,00	16.39	9.59	(1.19)	(1.19)	0.02	0.02	0.14	0.14	15.36	4.66		1 1	ĺ		i
2.2 (4)	Lot subbit at go sA m Roots	300.00	10.35	y.5y	(1.19)	(1,19)	0.02	0.02	0.14	0.14	15.36	8,56		ii	L		

Note: Tariff under Colum A and F of Annua. III shall remain applicable for one year from the date of notification. Colum C, D, E and F of Annua. III shall cease to axist after one year and only Colum A and B of Annua. III shall cease to axist after one year and only Colum A and B of Annua. III shall cease to axist after one year and only Colum A and B of Annua. III shall cease to axist after one year and only

Reclum-Ibelum Burcharge' at the rate of Ra. 0,10/MWh applicable on all electricity consumers except lifeline domestic consumers of the category Residential A-1' for electrolity sold.

Financing Cost Surcharge' at the rate of Ra. 0,43/MWh applicable to all the of electricity consumers except lifeline damentic consumers of the entegery Residential A-1' for electrolity 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  $UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.0151)} \times AFI(T) \quad Paisal \, kWh$
  - ii) Where only 11 kV distribution systems is involved.  $UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.0534)} \times AFI(D) \quad Paisa/kWh$
  - iii) Where both 132 kV and 11 kV distribution systems are involved.  $UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.0685)} \times AFI(TD) \quad Paisa/kWh$

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 Ö&M	2,435	Biannually, as per the approved mechanism.	Request to be furnished by the GEPCO not later than 10th July and 10th 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 10th July and 10th 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 10th July and 10th 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 10th July and 10th 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

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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.
	A: Power Purchase Price (PPP) Adjustment	
	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: Prior Year Adjustment (PYA)	·
	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)
	C: Impact of Negative Monthly FCA's	*
	Negative FCA Retained (Life Line, Agri and Domestic Consumers upto 300 units)	(11,736)
Less;	Net Subsidy, if any	26,318
	FCA amount to be passed on to the consumers	
	Total Adjustment = A+B+C	(7,166)

- II. The impact of negative PYA amount of Rs.8,093 million already built inGEPCO's redetermination 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 adjustmentswhich 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

Fuel Price variation = Actual Fuel Cost Component - 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.

#### 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;

Quarterly/Biannual PPP (Adj) = PPP(Act) (excluding FCC)-PPP(Ref) (excluding FCC) (1-T&D Loss %) – (Life line Consumption %)

Where;

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.

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 (Adj)

Where:

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.

E .			EstIma	ted Sales F	Revenue	on the B	asis of N	ew Tarifi	ľ					
Dogoription	Sa	es		Revnue		Base	Tariff	PYA	۹ 2016	Wr	ite off	PYA	2017	Total
Description	GWh	% Mix	Fixed	Variable	Total	Fixed	Variable	Amount	Variable	Amount	Variable	Amount	Variable	Fixed
			Charge	Charge Min. Rs,		Charge Rs./kW/ M	Charge . Rs./kWh	Min. Rs.	Charge Rs./ kWh	Min. Rs.	- Charge RsJ kWh	Min. Rs.	Charge RsJ kWh	Charge Rs./kW/ M
Residential						(133,616 4)					***************************************	AIII. 144.	Nas Kirii	MRNWAY III
Up to 50 Units	354	4.93%		1,415	1.415		4 00	· 1	-	- 1	-			
For peak load requirement less than 5 kW	1 1				l i			1						
01-100 Units	1429	19.92% 10.06%	-	13,767   8,394	13,767 8,394		9,64 11.63	(1,700) (852)	(1.19) (1.18)	29 14	0.02 0.02	194 98	0 14	
101-200 Units 201-300 Units	722 787	10.98%		10,186	10,186		12.94	(937)	(1.19)	24	0.02	107	0.14 0.14	i
301-700Urits	372	5.19%	-	5.860	5,860		15.76	(431)	(1.16)	11	0 03	54	0 15	İ
Above 700 Units	57	0.79%		926	925		16.35	(65)	(1.15)	2	0.03	10	0 18	į i
For peak load requirement exceeding 5 kW)  Time of Use (TOU) - Peak	21	0.30%		350	350		16.39	(25)	(1.19)	o	0.02	3	0,14	l
Time of Use (TOU) - Off-Peak	90	1.25%		890	890		9.89	(107)	(1.19)	2	0.02	12	0.14	l
Temporary Supply	0	0.00%		2	2		16.39	(0)	(1,19)	0	0.02	0	0 14	
Total Residential	3,831	53.42%	•	41,789	41,789			(4,118)		82		479		
Commercial - A2	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		3.1770	-	3,490	3,490		13.39	(270)	(1.19)	1	0.02	31	0.14	
Regular	] 1	0.01%	, ,	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 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  Total Commercial	424	0.10% 5.91%	414	107 5,726	107 6,140		15.39	(8)	(1 19)	0	0.02	58	0.14	
, our commercial				9,120	5,170			(504)						
General Services-A3	215	3.00%	•	2,924	2,924		13,59	(256)	(1.19)	4	0.02	18	0.09	
Industrial														
81	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 1	0 02	7	0.14	
B1 Oll Peak B2	306	4.26% 0.01%	- 1	3,024	3,024	400	9.89 10.39	(364)	(1 19) (1.19)	6 0	0.02 0.02	42 0	0.14 0.14	400
B2 - TOU (Peak)	107	1.50%	. '	1,760	1,760		16.39	(128)	(1.19)	ž	0.02	15	0.14	
B2 - TOU (Off-peak)	836	8.86%	1,485	6,159	7.614	400	9.69	(756)	(1 19)	13	. 0 02	86	0 14	400
B3 - TOU (Peak)	34	0.47%		554	554		18.39	(40)	(1 19)	1 . 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	B.14	380
84 - TOU (Peak) B4 - TOU (Off-peak)	0	0.00%			-	360	18.39 9.49		(1,19) (1 19)		0.02 0.02		0 14	360
Temporary Supply	0	0 00%		0	0		10 89	(0)	(1 19)	0	0.02	. 0	0 14	
Total Industrial	2,102	29.31%	2,562	21,669	24,231			(2,502)		. 42		292		
Single Point Supply for further distribution Ct(a) Supply at 400 Velts-less than 5 kW	1 0	0.00%			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	0.00%	. "	25	25	400	16.39	(2)	(1 19)	اه	_ 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)	١٥	0.02	0	0.14	388
Time of Use (TOU) - Peak	20	0.27%		322	322	-00	16.39	(23)	(1,19)	. , 0	0.02	3	0.14	202
Time of Use (TOU) - Off-Peak C3 Supply above 11 kV	99	1.38% 0.00%	121	959	1,080	380 360	9.69 10.59	(118)	(1 19) (1.19)	2	• - 0 02 0.02	13	0 14 0.14	380 360
Time of Use (TOU) - Peak	0					330	16.39	1 . 1	(1.19)		0.02		0.14	
Time of Usu (TOU) - Off-Peak	0	0.00%		·		360	9.59	<u> </u>	(1.19)	اـــنــــا	- 0.02	:	0.14	380
Total Single Point Supply	131	1.82%	136	1,411	1,548			(155)	٠, ٠	3		18	• .	
Agricultural Tube-wells - Tariff D Scarp	1 0	0.00%		3	3		11.89	(0)	(1.19)	0	_ 0.02	0	0.14	<del></del>
Time of Use (TOU) - Peak	1 6			0	٥	]	16 39				0.02	o	0.14	
Time of Use (TOU) - Off-Peak	0		0	o	0	200	9.59	(0)	(1.19)		0.02	0	0.14	200
Agricultual Tube-wells	55		89	596	685	200	10.89	(65)	(1.19)		0 02	7	0.14	200
Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak	46 202	0.84% 2.82%	370	749 1,940	749 2,310	200	16.39 9.59	(54)	(1.19) (1.19)		0.02	6 27	0 14 0.14	200
Total Agricultural	303	4.23%	459	3,289	3,747	200	9.59	(241)	(1.19)		0.02	41	0.14	200
Public Lighting	6		-	81	61	T	10.39		(1 19)	0	0.02	1	0 14	
Resid Colon, att. to ind	1	0.01%	-	10	10	l	10.39	(1)	(1 19)	0	0.02	0	0.14	
Spec at Contracts - AJK	0		-		-	380	10.39		(1.19)		0.02	- '	0.14	360
Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak	131	ì	Į.	457	457	360	16 39 11.09		(1 19)		0.02 0.02	4 18	0 14 0 14	360
Sub-Total	165	1.82%		1,450	1,521 2,149	360	11.09	(156)	(1.19)	1 3	0.42	22	0 14	360
Special Contract - Tariff-J	100	2.31/9	• • • •	1,010	2,143			(191)		3		22		
J-1 For Supply at 66 kV & above	T .	0.00%	· ·	ſ	-	380	10 59	-	(1.19)	- 1	0.02	· ·	0 14	360
Fime of Use (TOU) - Peak		0.00%					16.39		(1 19)		0.02	٠.	0 14	
Time of Use (TOU) - Off-Peak J-2 (a) For Supply at 11, 33 kV		0.00%				360	9.59		(1.19)		0.02		0.14 0.14	360 380
Fime of Use (TOU) - Peak	:	0.00%	1			380	10.69 16.39		(1 19) (1.19)		0.02 0.02		0.14 0.14	300
Time of Use (TOU) - Off-Peak		0.00%		-	-	380	9.59		(1.19)		0.02	}	0.14	380
J-2 (b) For Supply at 66 kV & above		0.00%		-	-	360	10.59		(1 19)	- 1	0.02		0.14	360
Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak		0.00%		•			16.39		(1 19)		0.02	1 -	0.14	
J-3 (a) For Supply at 11, 33 kV	1:	0.00% 0.00%				360 380	9.59		(1.19) (1.19)		0.02 0.02		0.14 0.14	380 380
Figure of Use (TOU) - Peak	1 .	0.00%			:	300	16.39	:	(1 19)		0.02	:	0.14	300
Time of Use (TOU) - Off-Paak		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)	1	0.02		0.14	360
Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak		0.00%	1	-		360	16 39 9 59		(1 19) (1.19)		0.02		0.14	360
	<del></del>	0.0070	L		<u> </u>	1 300	1 9.39		(1.19)	<u>'</u>	U.UZ	<u> </u>	1 0.14	300

Total Revenue 7,172 100,00% 3,745 78,786 82,531 (8,093) 149 927

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 an tariff mentioned under Column "Base Tariff" shall remain applicable till the same is superseded by next notification.

#### **GEPCO Power Purchase Price**

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
			* <u></u>		<del></del>								kWł
uel 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
/ariable O & M	0.2727	0.2678	0.2825	, 0.2891	0.2516	0.3337	0.3711	0.3234	0.3467	. 0.3577	0.3050	0.2891	0.305
pGen <b>C</b> ap	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
JSCF	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
otal PPP in Rs. /kWh	7.9807	7.7457	8.3188	8.0886	8.3927	9.9109	<b>\$ 11.9650</b>	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	5,6 <b>0</b> 8	4,940	5,676	6,394	<b>6,</b> 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 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:

	* PEAK TIMING	OFF-PEAK TIMING
Dec to Feb (inclusive)	5 PM to 9 PM	Remaining 20 hours of the
day		
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-

<sup>\*</sup> 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 7th 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-l(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.
- 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-I 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-l(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.

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- 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-I(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 reconnected 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.

[Tariff-2015-16]

(Syed Mateen Ahmed) Section Officer (Tariff)

## Government of Pakistan Ministry of Energy

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

## NOTIFICATION NOTIFICATION

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 Annexland 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.

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Re. 150/, per consensor per month
Restrictiff and connections and for financial splicitude for ear per from the data of notification. Colum C. D. E and 7 of Anuss-III shall omes to expire after one
year and only Colum A and 8 of Annowill shall remain applicable, till the some to experied by a cent notification.

i			FIXED			VARIABLE PYA 3016 Write-off Charges PYA 2017 Tota		Total Vasi	able Charge		QoP To	elff Religable	ation Sugan						
3.	Xm.	TARIFF CATEGORY / PARTICULARS	CHAROES				Re/EWE							CAM ES	PIXED CHARGES		CHARGES		RIABLE ARGE®
<u></u>			R=/kW/M	R	·/kWb	Re/EWE		/EWE Re/EWS		Re/hWh		R.	/kWk	Re/EW/M		e/hWb		/kWk	
1	i				-		C		D		£		,						
1	•1	For Annetioned load loss than 5 kW			14.04		(1.44)		0.12		3.05		15.77					2.23	
!	Pij	For Sanctinged load 5 kW & above	400.00	L	12.04		[].04]		0.13		3.0a		13.77		ļ		l	2.23	
1	ļ			Pouk	Off-Peak	Prok	Off-Peak	Peak	Off-Peak	Peak	Off-Peek	Prob	Off-Ponk		Peak	Off-Peak	Posk	Off-Peak	
<u></u>	1	Time Of Use	400.00	14,64	8.94	[1.44]	(1.44)	0.12	0.12	2,05	3.05	16,27	10.67				1.63	1.63	

Fete: Twiff under Colum A and F of Annua-ill shall remain applicable for one your from the date of notification. Colum C, D, E and F of Annua-ill shall seems to uniet after one year and only Colum a and B of Annua-ill shall seems to uniet after one

Sc. No. TARIFF CATEGORY / FARTICULARS	FIXED	VARIABLE CHARGES -	PYA 2014	Wette-off Charges	PYA 3017	Total Variable Charges		GOP THEM RAUGALIS Subsidy VARIABLE CHARGES	PARIABLE CHARGES
,	Ru/kW/M	Re/hWh	Re/kWk	Ry/hWb	Re/kWh	Re/hWb	Re/EW/M	Re/hWh	Re/hWh
	i A		C 1	0		7			
Il General Services		13.74	[1,44]	0.12	3.08	15.47		0.77	

Under tariff A-3, there shall be minimter seenthly charges at the following rates oven if ne emergy is excessed.

a) Single Phone Connections:

Rs. 173/. per consumer per month
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i		1	ĺ											Gof To	riff Antionii	atles	
i		PIXED		RIABLE	PY.	4 2016	Write	off Charges	PY	A 2017		Variakle		Bubaidy			charge
Br. Km.	TARIFF CATEGORY / PARTICULARS	CHARGES	CH.	ARGES				-	i		Ch	er Eas	PIXEO		RIABLE		MABLE
		Ra/hW/M	R.	/kwk	R.	/kWk		./kWb		s/kWb	Ř.	/kWk	CHARDES Ra/hW/M		ARDES 4/kWk		ARGEB s/kWb
		A		1		Č _		0		f		7					
	Upte 26 kW (at 400/230 Velta)	f .		11.54		(1.44)		0, 12	i	3.05		15.37					t.23
B2(a)	exceeding 35-800 kW [at 400 Valid]	400.00		11.04		(1.44)		0.13	!	3.00		t2.77		١.		1	1.23
!	Time Of Use	Ì	Pauk	Off-Pest.	frek	Off-Peak	Ponk	Off-Peak	Ponk	Off-Peak	Pesk	Off-Pash-		Pook	Off-Poak	Pouk	Off Pres
61 ( b)	Up to 28 KW	1	14.64	4.9	[1.44]	[1.44]	0.12	0. t2	3.05	3.06	16.27	10.87				1.63	6.83
93(b)	exceeding 25-500 hW (at 400 Yells)	400.00	14.64	8,74	[1.44]	(1.44)	0.13	0.12	3.06	3.08	16.37	10.47		ļ.,	1	1.63	1.43
B2	For All Londs up to 5000 kW (at 11,33 kV)	380.00	14.64	8,64	[1,44]	(2,44)	0.12	0.13	3.06	3.06	16.37	10.37	, , , , , , , , , , , , , , , , , , ,	1 i		1.83	1.83
	For All Londs (at 96,133 kV & above)	340.00	14.64	8,54	11.441	11.441	0.12	0.12	3.05	3.05	16.37	10.37	1		١.	1.43	

For 22 communications cannot be a linear minimum senters of inc. conjugate sentences.

Note: That I under Colum A and F of Annuarili that it common applicable for one year from the date of outflortion. Colum C, D, E and F of Annuarili shall common applicable, till the same in comperceded by a part potification.

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		ł							i					Link De	iff Sationite	ation.	
	<u>:</u>	PIXX	VAN	UABLE	-	A 2016	101.44	off Charges		A 3017	Total	Yariahia .		fubridy .		- Bw	Shwee_
Se. 34.	TARIFF CATEGORY / PARTICULARS	CHARGES	CH	ARGES	"	. 2016	H ETT-	iii Czargat	, "	23017	C4	41841	FIXED CHARGES		RIABLE ARGES		RIABLE ARGES
	1	Re/hW/M	R.	/AWA	×.	/kWb	l R	/ L W L	i n	e/kWk	Re	/h W/b	Rs/kW/M	R.	/kWb	. A-	o/kWb
		A		1		c		0		t		r					
C -1	Por supply at 400/230 Valte																
-1	Sunctioned lead less than 8 hW		ļ	12.04		[1.44]		0.12	1	3.05		13.77		i		1	1,23
ы	Sanctioned load 5 hW & up to 800 hW	400.00		11,54		[1,44]		0.12 2.06		13.27			1		ĺ	2.23	
C -2(4)	For supply at 11,33 kV ar to sad including	380.06		11.34		(1.44)		0. t 2		2.05		13.07					1.22
C -34+1	For supply at 66 kV & above and tenetioned	1								- 1						ĺ	
	load sheve 8000 kW	360.00		11.24		[1.44]		0.12		3.06		t2.97				ĺ	1.33
	Time Of Use		Peak	Off-Peak	Peak	Off-Peak	Pook	Off-Peak	Peak	Off-Penk	Posk	Off-P+ab		Post	Off-Pauk	Frek	Off-Peak
C -1jej	For supply at 400/230 Volta 5 kW h up to 500 kW	400.00	14.64	8.94	(1,44)	[1.44]	0.12	0.12	3.06	3.08	18.37	t0.67				1.63	1,43
C -3[P]	For supply at 14,33 hV up to and inclinding	380.00	14,64	8.74	(1.44)	(1.44)	0.12	0.12	3.06	3.05	16.27	10.47				1.63	1,83
C -3(b)	For supply at 56 hV & above and seartioned	360,00	14,64	8,64	(1.44)	(1.44)	0.12	0.12	3.06	3.05	16.37	10.57				1.63	1,83

Note: Truff under Colum A and 7 of Annea-(ill shall remain applicable for one year from the data of matification. Colum C, D, E and 7 of Annea-(ill shall consol unjet after one year and only Colum A and B of Annea-(ill shall commin applicable, till the same is superseded by a next notification.

## GCH STORE OF SLEET HIGHT AND IN

0r, No. TARIFF CATEGORY / PARTICULARS	FIXEO CHARGES Rs/SW/M	CH	IJASLE Arges /kwh		2016 /kWh		eff Charges		4 2017 /hWb	СР	Verlable ergre /hWh	FIXED CHARGES Re/EW/M	Pabeldy VAS CR	H Rationile HABLE ARGES JAWA	VAJ CH.	FRANKE HABLE AROES
					C		D		E		7					
D-1 u) SCARF iven thun 5 hW			12.09		[2.04]		0.12		3,05		13.82			1.02		
0-2 (s) Agricultural Tube Walls	200.00		13.29	L	[2,44]	i	0.12		3.05		15.02			3.32	1	
i	} '	Peak	Off-Peak	Pesh	Off-Feat	Peak	Off-Pank	Prah	May Tho	Prok	Diff-Peak		Faul	Officea	Frab	Diffesh
O.1(b) SCARP S kW & above	200.00	14.04	8.64	(1,44)	(1,44)	0,12	0.12	3.55	3.05	16.37	10,37		1.37	1.32		
D-3 [b] . Agricultural 5 kW & above	200.00	14.64	8.64	[1,44]	(1.44)	0.13	5.12	3.06	3.05	16:37	10.37		4.02	1.52	- 1	
is addition to above montleased subsidy on variable ch	arges, the fin	ed charge	a applicable	le private	acticulture	CONSULE.	re under lar	III D-2 we	d D-1 fbt to	lee olched	t by GoP au	Subaldy.				

Under this teriff, there shall be minimum monthly charges Re,2000/- per consomer per month, even if an energy in consumed.

Ratto: The consumers having assertioned flow free than 3 M can spt for TOU majoring.

Never Tou'll mader Colum A use 7 of Assertill Monthly remain applicable for one provide for the data of a set of the Column C, D, E and F of Assertill shall ensue to said after one

The of the office of the control of

br. No. TARIFF CATEGORY / FARTICULARS	FIXED CHARGES Re/bW/M	VARIABLE CHARDES Re/hWk	PYA 2018 Ru/hWh	Write-off Charges Rs/kWh	PYA 2017 Rs/hWh	Tetai Veriable Chavges Ra/kWh	FIXED CHARGES Ro/hW/M	ONF THEIR RELIGIONS SUBMET VARIABLE CHARGES RU/N Wh	SUCHECE SHICKNES VARIABLE CHARGES Rs/hWb
	_ A		C .	0	l l				
E-10 Resid=atial Supply		18.44	[1.44]	0.12	2.05	17.17		T	5.09
E-1(ii) Commercial Supply		14.04	(1.44)	0.12	3.05	18.77	1	Į į	£.54
E-2 Industrial Supply	<u> </u>	11.34	11.441	0.12	3.05	13.27	:	·	6.54

for the elegeries of f-[[ikil] above, the minimum kill of the consumers thell be Re. 30/- per day subject to a minimum of Re.300/- for the states period of supply, even if no energy in consumed.

Note: Turiff under Colum a ged F of Ameta-ill shall remain applicable for one year from the date of socification. Colum C, D, E and F of Ameta-ill shall crane to exist after one year and only Colum A and B of Ameta-ill shall crane applicable, till the same is supercoded by a next socification.

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		the state of the state of	-						
Br. No. TARIYF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	PYA 2016	Write-off Charges	PYA 2017	Total Variable Charges	FIXED CHARGES	Gof Tacif Rationiis Bubsidy VARIABLE CHARGES	Sucharee VARIABLE CHARGES
<u> </u>	Rs/hW/M	Rs/EWE	Re/hWh	Re/EWE	Re/hWh	Re/kWb	Rs/hW/M	Ro/k Wk	Re/bWk
	A		c		<u> </u>	<u> </u>	L		
Street Lighting		12.04		0.12	3.06	13.77			1,23

Under Tariff O, there shall be a minimum monthly charge of Ra. 2007: per month put kW of kmp apposity installed.

Resp. Tariff o, there shall be a minimum monthly charge of Ra. 2007: per month put kW of kmp apposity installed.

Resp. Tariff o after Cohum A and F of Annexill shall remain a pylichable for one year from the data of notification. Cohum C, D. E and F of Annexill shall costs to exist a New any year and only Cohum A and E of Annexill shall costs to exist a New annexes of the Annexes of the New Annexes of the Ne

Our Tariff Rationibation

Sr. No. 1 TARIFF CATEGORY / PARTICULARS	CHARGES	VARIABLE CHARGES	P7A 3016	Write-off Charges	PYA 3017	Charges		VARIABLE	AUSBALL VARIABLE	i
JANE CATEGORY / TARTICGERA	CHANGES	CHANGES	l i		1	CHREST	CHARGES	CHARGES	CHARDES	ı
	Re/hW/M	R+/kWb	Rs/hWh	Re/kWb	Ra/kWk	Re/EWY	Rs/hW/M	Re/kWh	Ru/hWh	ŀ
7				5	t	<del></del>				•
Residuating Colonies attacked to industrial							-1			l
		13.04	[1.44].	0.12	3.05	13.77			1,22	j
Note: Teriff under Colum A and F of Assestili shall rom	nia applicabl	le fac ann y roe 0 mm th	o foto of notification.	Colum C. D. E and I	of Annuality about to	nes to saint after see				

Rote: Triff sader Colum A gad F of Assertill that it commiss applicable for one year commiss draw of acutiferties. Colum C. D. 8 and F of Assertill that comes to called after every year are only Commiss A gad of F of Assertill that Columnia applicable for an approach of particularly a particularly as particularly as a particular for a particula

	FLXED	VARIABLE				Tetal Varishie		Gef Tariff Rationilla	elies
Br. Ha. YARIFF CATEGORY / PARTICULARS	CHARGES	CHARGES	PYA 3018	Write-off Charges	PYA 2017	Charges	Babaidy		6urckerge :
	-	0.000.000	)		}	1	FIXED	VARIABLE	VARIABLE
	Re/bW/M	Re/kWb	Re/kWb	Re/kWk	Re/kWb	Rs/EWh	A-/h=/M	s, Re/hWb	Re/kWh
Reliyour Traction		1	c	0	1	,			
		13.04	[1,44]	0, 12	3.05	12,77			1.23

Neter Twilf under Colum A and F of Annea: ill shall remain applicable for one year 0 cm the date of notification. Colum C, D, E and F of Annea: ill shall cance to asket after many year and only Colum A and 8 of Annea: ill shall remain applicable, till the same is supercoded by a next soutification.

	1	1												Gof To	dil Retionle	ation	
	1	FIXED		HABLE	27/	2016	Weten	ff Charges	ev.	1 2017	Total	Variable		Subsidy		- eu	reburge
Sr. Ko.	TARIFF CATEGORY / FARTICULARS	CHAROES	СНА	ROLE		••••					CP	ME48	CHARGES		ARGES		RIABLE Aroes
		Ro/hW/M	Ra	/kWb	R.	/bWb	R.	/kWh	X.	/kWb	R.	/kWh	RI/EW/M	R	e/hWb	R	e/bWb
		A				C		D		3		,					
J -1	For supply at 66 kV & above and baving neestioned load of 2016W & above	360.00		11.34		[1,64]		6.12		5.00		12.97	,	· .:	-		
J-2	For supply at 11,33 hV	380.00		11.94		[1,64]		0.12		3.05		13.07		Ì			
1.3	for supply at 64 kV & above	340.00		11,24		[1,44]		0.12		3.05		12.97					
-	For supply at \$1,33 kV	340.00	l	11.34		(5.64)		0.13		3.05		13.07				l	
, to	Fur supply at 66 kV & above	360.00	ĺ	11.24	ĺ '	(1.44)		0.12		3.06		13.97		١			
i	Time Of Use	'	Poul	Off Peak	Prub	Off-Fesh	Penk	Off-Peak	Penh	Off-Peak	Pask	Off Peak	l	Poak	Off Pank	Panb	Off-Peak
1 -1(0)	For sayply at 66 kV & above and having	360,00	14.64	8,64	(1 44)	(1.44)	0.12	0.12	3.03	1.05	18.37	10.27	٠,				
J-2 (c)	For supply at 11,33 hV	340.00		4.74	(1.44)		0.12		3,05	3.08	10.37	10.47	1	i	; •	ı	}
J-2 (d)		360.00		8.64	(1.44)	[1,44]		0.12	3.05		16.37	10.37	t	1	:	;	
J.3 Ici	For supply at 11,33 kV	380.00		8.74	(1.44)	(1.44)	0.13	6.12	3.05	7.02	16.27	10.47	i	i	1		
3.3 [4]	For supply at 66 hV & above	360.00	14.44	2.64	(3.44)	(3,44)	0.12	9.12	3.03	3.05	16.37	10.37	L	<u> </u>	<u> </u>	1	L <u>.                                    </u>

Note: Twiff upder Colum A and F of Amountif shall remain applicable for one year from the date of suffection, Calum C, D, E and F of Amountiff shall remain applicable for one year from the date of suffection, Calum C, D, E and F of Amountiff shall remain applicable, till the sense is imperceded by a sand publicable.

Nethim-Ibelim Surchargs' at the rate of Rs. 0.10/hWh upplicable on all sleets thy commune accept lifeline doments commune of the category 'Residential A-1' for electrolity sold.
'Financing Com burcharge' at the rate of Rs. 0.43/hWh applicable to all the of sincurieity somemens accept lifeline domentic communes of the entergory 'Residential A-1' for alcetrative sold.

#### **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  $UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.035)} \times AFI(T) \quad Paisa/kWh$
- ii) Where only 11 kV distribution systems is involved.

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

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

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.085)} \times AFI(TD)$$
 Paisa/kWhWhere:

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 MEPCOnot later than 10th July and 10th January, as the case may be.
Capacity Charges	35,512 	Biannually, as per the approved mechanism.	Request to be furnished by the MEPCOnot later than 10th July and 10th January, as the case may be.
Use of System Charges	4,517	Biannually, as per the approved mechanism.	Request to be furnished by the MEPCOnot later than 10th July and 10th January, as the case may be.
T&D Losses	15.00%	Biannually, as per the approved mechanism.	Request to be furnished by the MEPCOnot 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
PPP cost disallowed by the Authority	(2,775)
Net PPP cost to be charged to consumers	140,654
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)
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 (Life Line, Agri and Domestic Consumers upto 300 units)	(19,846)
Net Subsidy, if any	22,903
FCA amount to be passed on to the consumers	•
Total Adjustment = $A+B+C$	18,336
	A: Power Purchase Price (PPP) Adjustment  PPP cost billed by CPPA-G  PPP cost disallowed by the Authority  Net PPP cost to be charged to consumers  PPP Recovered through notified Tariff  Under recovered PPP Cost, to be recovered from the consumers  B: Prior Year Adjustment (PYA)  PYA to be recovered / (passed on) as per re-determination Sep. 18, 2017  PYA recovered / (Passed on) during FY 2016-17  Over Paid PYA to be recovered from the consumers  C: Impact of Negative Monthly FCA's  Negative FCA Retained (Life Line, Agri and Domestic Consumers upto 300 units)  Net Subsidy, if any  FCA amount to be passed on to the consumers

- II. The impact of negative PYA amount of Rs.16,376 million already built in the MEPCO's redetermination 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 adjustmentswhich 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

Fuel Price variation = Actual Fuel Cost Component - 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.

# 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;

Quarterly/Biannual PPP (Adj )= PPP(Act) (excluding FCC)-PPP(Ref) (excluding FCC) (1-T&D Loss %) - (Life line Consumption %)

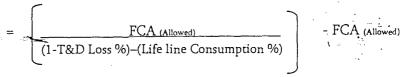
Where:

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.

PPP(Ren) 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 (Adj)



Where;

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.

# Multan Electric Power Company Limited (MEPCO) Estimated Sales Revenue on the Basis of New Tariff

Description	Sales Description GWb % Mix					Base Tariff		PY	A :2016	Wr	ite off	PYA	2017	Tota	l Tariff
Description	GWh	% Mix	Fixed Charge	Variable Charge	Total	Fixed Charge	Variable Charge	Amount	Variable Charge	Amount	Variable Charge	Amount	Variable Charge	Fixed Charge	Vari: Cha
				Min. Rs.		RsJkW/ M	RsJ kWh	Min. Rs.	RsJ kWh	Min. Rs.	RsJ kWh	Min. Rs.	Rs./ kWh	Rs/kW/N	Rs/
dential	725	6.00%		2,902	2,902		4.00	,		<del></del>		τ	<del>,</del>	· · · · · · ·	γ
Jp to 50 Units peak load requirement less than 5 kW	725	0.00%	-	2,902	2,902		4.00	'	•	-		] '			
)1-100 Units	2442	20.20%		21,826	21,826		8 94	(3,516)	(1.44)	293	0.12	7,448	3.05	1	1
01-200 Units	1083	8.96%	- 1	11,306	11,306		10 44	(1,559)	(1.44)	ı .	0.12	3,303	3.05		1:
01-300 Units 01-700Units	1064 573	8.80% 4.74%	-	12,593 8,273	12,593 8,273	<b>1</b>	11.84 14.45	(1,532) (830)	(1.44)	128 69	0.12 0.12	3.265 1.769	3.07 3.09	,	!
bove 700 Units	130	1.07%		2,070	2,070	1 1	15.98	(192)	(1.48)	16	0.12	403	3.11	1	1
peak load requirement exceeding 5 kW)						(		( )		i	[	1	1	1	
ime of Use (TOU) - Peak	42	0.35%	-	811	611		14.64	(60)	(1 44)	5	0.12	127	3.05		] 1
ime of Use (TOU) - Off-Peak imporary Supply	65 7	0.53% 0.06%	-	57 <b>8</b> 107	578 107	1	8.94 15.44	(93) (10)	(1.44) (1.44)	8	0.12 0.12	197 21	3.05		11
Total Residential	8,129	50.70%		60,265	60,265	لسميسا	10,41	(7,792)	(1.11)	648	<u> </u>	16,534	3.03	<u></u>	<del></del>
imercial - A2	200	2 222		6.461	£ 464		14.04	/F60\	(1.44)	1 47	0.12	1 196	7 206	<del></del>	<del>, ,</del>
eak load requirement less than 5 kW eak load requirement exceeding 5 kW	389	3.22%	•	5,461	5,461	[	14 04	(560)	(1.44)	47	0 12	1,186	3 05	1	1
Regular	اه	0.00%	1	4	4	400	12 04	(0)	(1.44)	) 。	0.12	1	3.05	400	1
ime of tise (TOU) - Peak	156	1,29%		2,279	2,279	1 1	14.64	(224)	(1.44)	19	0.12	475	3.05	1	1
ime of Use (TOU) - Off-Peak	137	1.13%	615	1,223	1,838	400	8.94	(197)	(1.44)		0.12				1
Imporary Supply  Total Commercial	715	0.28% 5.92%	615	9,437	470 10,052	ــــــا	14.04	(48)	(1.44)	86	0.12	2,181	3.05	ــــــــــــــــــــــــــــــــــــــ	1 1
	<del> </del>									,					
eral Services-A3 estrial	363	3.00%	<u> </u>	4,983	4,983	L	13.74	(522)	(1.44)	44	0.12	1,106	3.05		1 1
B1	38	0.32%		440	440	, ,	11 54	(55)	(1 44)	5	0.12	116	3.05	,	1 1
B1 Peak	142	1.18%		2,081	2,081	]	14.64	(205)	(1.44)	17	0.12				1
B1 Off Peak	133	1.10%	-	1,188	1,188	1	8.94	(191)	(1,44)	16	0.12	405	3.05	1	1
B2	1	0.00%	1	6	7	400	11.04	(1)	(1,44)	0	0.12	2		L.	ı
B2 - TOU (Peak) B2 - TOU (Off-peak)	430 446	3.56% 3.69%	1,753	6,296 3,901	6,296 5,654	400	14.64 8.74	(619) (643)	(1 44) (1.44)		0.12 0.12	1,312	3.05	,	1
B3 - TOU (Paak)	646	5.34%		9,455	9,455		14.64	(930)	(1.44)	. 77	0.12	1,970	3		1
83 - TOU (Off-peak)	569	4.71%	966	4,915	5,882	380	8,64	(819)	(1 44)	68	0.12	1,735	3.05		1
B4 - TOU (Peak)	120	0.99%	260	1,757	1.757		14.64	(173)	(1.44)	14:	0.12	366 820	,		1
B4 - TOU (Off-peak) emporary Supply	<b>26</b> 9	2.22% 0.03%	258	2,296	2,554 39	360	8,54 11,54	(387)	(1 44)	32 0	0.12 0.12	10	3.05 3.05		i
Total Industrial	2,797	23.14%	2,979	32,375	35,354			(4,028)		336		8,531			
le Point Supply for further distribution						<del> </del>						· · ·	2.05		<del></del>
C1(a) Supply at 400 Volts-less than 5 kW C1(b) Supply at 400 Volts-exceeding 5 kW	0	0.00%	•	1	1		12.04	(0)	(1.44)	0	0.12	0	3.05	1	1
Time of Use (TOU) - Peak	1 21	0.01%	2 ;	16 307	18 <b>3</b> 07	400	11.54 14.64	(2)	(1.44)	3	0.12	64	3.05		1
Time of Use (TOU) - Off-Peak	12	0.10%	45	106	151	400	. 8.94	(17)	(1.44)	1	0.12	36	1	3	
C2 Supply at 11 kV	1	0.01%	. 1	12	14	380	11.34	(2)	(1.44)	.0	0.12	3	ł		1
Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak	81 66	0 67% 0.55%	1t3	1,181 580	1,181 693	380	14.64 8.74	(116) (96)	(1 44) (1.44)		0.12	246 202	3.05	1	1
C3 Supply above 11 kV	0	0.00%			-	360	11.24		(1.44)		0.12		3.05	1	1
Time of Usa (TOU) - Peek	6	0.05%	-	87	87		14.64	(9)	(1.44)	1.	0.12	18			1
Time of Use (TOU) - Off-Peak	31	0.26%	30	268	298	360	8 84	(45)	(1.44)	28	0.12	95 670	37.05	360	الــــــــــــــــــــــــــــــــــــ
Total Single Point Supply cultural Tube-wells - Tariff D	220	1.82%	191	2,560	2,751			(316)		28		6/0			
Scarp	2	0.01%		21	21		12.09	(2)	(1.44)	. 0	0.12	5	3.05	T	1
Timo of Use (TOU) - Peak	27	0.22%		395	395	l i	14 64	(39)	(1.44)	3	0.12	82			1
Time of Use (TOU) - Off-Peak Agricultusit Tebe-wells	90	0.75% 0.00%	104 2	781 6	885 8	200	8.64 13.29	(130).	(1.44) (1.44)	11	0,12 0,12	278	3.05 3.05		1
Time of Use (TOU) - Peak	831	6.87%		12,164	12,164	200	14 64		(1.44)	1	0.12		1	1	1
Time of Use (TOU) - Off-Peak	891	7.37%	2,370	7.702	10,072	_ 200	8 64		(1.44	107	0.12				
Total Agricultural	1,842	15.23%	2,478	21,068	23,544	,		(2,652)		221		5,617	1		
c Lighting - Tariff G  dential Colonies	16 8	0.13%		193 96	193 98		12.04 12.04		(1.44) (1.44)						1
ay Traction	o				-		12.04		(1.44)	:	0.12		3.05	1	1
Sub-Total	24	0.20%	-	291	291	•	•	(35)		3		<u>.</u> 74			
cial Contract - Tariff-J				,				·					1 000	1 200	
J-1 For Supply at 66 kV & above Time of Use (TOU) - Peak		0.00%	•	.		360	11.24 14.64	1 :	(1.44) (1.44)		0.12 0.12		3.05		1
Time of Use (TOU) - Off-Peak		0.00%				360	8.64		(1.44	1	0.12	,	3.05		1
J-2 (a) For Supply at 11, 33 kV	-	0.00%	-	- 1	-	380	11.34	-	(1.44	1	0.12		3.05		
Time of Use (TOU) - Peak	. •	0.00%	-	-	-		14.64		(1.44		0.12		3.05		. 1
Time of Use (TOU) - Off-Peak  J-2 (b) For Supply at 66 kV & above	•	0.00% 0.00%	-	:	-	380 360	5.74 11.24	1	(1.44 (1.44		0.12 0.12		3 05		1
Time of Use (TOU) · Peak	:	0.00%		:	-	300	14.64	,	(1.44	,	0.12		3 05		] ;
Time of Use (TOU) - Off-Peak	•	0.00%	-	-	-	360	8.64		(1.44		0.12		3.05		
J-3 (a) Fcr Supply at 11, 33 kV	•	0,00%	-			360	11.34		(1.44	1	0.12		3.05		1
Fime of Use (TOU) - Peak	-	0.00%	•		-	300	14.64	1	(1.44	•	0.12		3.05		, 1
Time of Use (TOU) - Off-Peak  J-3 (b) For Supply at 66 kV & above	:	0.00%	-			380 360	6.74 11 24		(1.44		0.12	1	3.0		
Time of Use (TOU) - Peak	-	0.00%	-		-		14.64		(1,44		0.12	: ] -	3.0	5)	1 .
Time of Use (TOU) - Off-Peak		0.00%				360	8.64		(1,44		0.12	:1 -	3.0	5 36	) 1

Total Revanue 12,090 100,00% 6,253 130,988 137,248 (18,376) 1,366 34,713
I 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 nn 'Base Tariff' shall remain applicable till the same is superseded by next notification.

35,512

4,517

122,750

# **MEPCO Power Purchase Price**

Name	ylut	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

2,912

360

9,276

3,210

10,050

368

2,728

353

8,744

2,959

338

9,750

2,738

10,631

354

3,535

11,745

404

3,256

11,155

437

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

2,758

384

9,127

3,099

10,806

413

2,759

10,421

348

CpGenCap

USCF

PPP

2,793

10,588

377

2,764

10,456

379

# 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 c. 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:

	* PEAK TIMING	OFF-PEAK TIMING
Dec to Feb (inclusive)	5 PM to 9 PM	Remaining 20 hours of the
day		
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-

<sup>\*</sup> 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-l(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-I 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-l(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 tubewells 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-I 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 reconnected 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.

[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. (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.

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Under tariff A-2, there shall be minimum munthly charges at the following rates even if ee anargy is consumed.

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FIXED VARIABLE PVA 2016 WIRE-OFF CHARGES CHARGES CHARGES PVA 2016 WIRE-OFF CHARGES PVA 2017 Tech Variables Subsidiary Sub

j	Sr. No.	TARIFF CATEGORY / PARTICULARS	CHARGES	CH	ARGE4				020,00	''		Ch	Br g +4	· FIXED CHARGE	.		NABLE LROES		RIABLE ARGEE	ĺ
Ţ			Re/hW/M	R.	/kWb	R.	/WW		s/hWh	R	e/kWk	R.	/kWk	Re/hW/I	٠. ١		/kWh	R.	e/kWk	
Ĩ			A .				2		0		-E		7							,
ij	en i	Upto 25 kW (st 400/23D Volts)	j -		15.76	i ·	0.54		0.66		1.89		19.85				5.35			(
i	82(n)	exceeding 25-800 kW (at 400 Velts)	400.00	1	16.26		0.54		0.64	1	1.89		19:35		1	····	5.25		Į.	ı
i		Time Of Use		Peak	Off-Peak	Pesk	Off-Peak	Peak	Off-Penk	Posh	Off-Ponk	Piek	Off-Prek		Ì	Penk	Off-Peak	Proh	Gff Peak	į
- 1	#1 [b]	Up to 25 KW		19.36	13,41	0.54	0.54	0.60	0.54	1.88	1.99	22.40	14.00		~ {	4.46	4.00			Ĺ
- 31	14)	exercing 25-500 kW (at 400 Volte)	+00.00	18.36	13,21	0.54	0.64	0.66	9.04	1.69	1.89	32.45	16.30		Ì	4.48	4.01	1	. !	Ĺ
r,	•3	For All Lunds up to 5000 hW jet \$1,33 hV)	280.00	17.36	13.13	0.34	0.84	11.20	0.66	1.49	1.49	22.+8	16.70		- }	4.44	4.00		1	Į
1.	64	Fer All Lunds (at 46,132 kV & above)	360.00	18.36	13.01	0.54	0.54	0.46	0.66	1.69	1.46	32.45	16.10		}	4.40	4.00	i	. i i	

For B; consumers there shall be a fixed minimum charge of Rs. 350 per mosth,
For B; consumers there shall be a fixed minimum charge of Rs. 3,000 per mosts,
For B; consumers there shall be a fixed minimum charge of Rs. 2000 per mosts.
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Br. Ho.	TARIFF CATEGORY / PARTICULARS	FIXED CHAROES Re/kW/M	CH	IABLE LRGES I		4 2016		off Charges		A 2017	Ch	Variokio argus /hWb	FIXED CHARDES Re/kW/M	VAI CH	HABLE ARGES	YA.	USBREKS RIABLE IARGES */LWW
		A				C		D	:	£		7		تبحب			.,
: -1	For supply at 400/230 Veita																
-1	Sauctioned leed less than 5 kW		ł	17.24		0.54		6.64		1.89		20.35			3.35		
k)	Seartlaned load S kW & up to 500 kW	400,00	ļ	16.76		0.54		0.66		1.59		19,85		Į	5.35		
2(a)	For supply at \$1,33 kV up to end including	340.00		16.56		0.54	:	0.66		1.69		19.65		ĺ	5.35		
-3(4)	For supply at 66 kV & above and sanctioned		i		i i									1			
	load above 5000 kW	360.00		16,46		0.54	0,64		1.09		19.51						
	Time Of Dee		Fonk	Off-Peak	Ponk	Off-Peak	Pesk	Off Poul	Prok	Off-Peek	Peak	Off Peak		Tonb	Off Peak	Posb	Off-P4
· L(c)	For supply at 400/230 Vehts 5 kW & up to	400,00	19.36	13.41	0,54	D.#4	0.66	0.64	1.89	1.89	22.44	16.50		4.40	4.00		
-2(6)	For supply at 11,33 kV up to and including SOOG uW	300.00	19.36	19.21	0.54	0.54	D.66	0.66	1.09	1.89	22.48	16.30		4.40	4.00		
: -3(6)	For supply at 66 kV & above and canotioned lead above 5000 kW	360,00	19.36	13.11	0.84	0,54	0.66	0.66	1.89	1.59	22.45	16.20		4.45	4.00		1

Hote: Thriff under Colum A and Y of Annua-til shall remain applicable for one year from the date of antification. Colum C, D, E and P of Annua-til shall come a saint after sue year and early Colum A and & of Annua-til shall remain applicable, till the cases in superanded by a west notification.

TO SECURITY OF A SECURITY LAW PROPERTY DESCRIPTION ASSESSMENT ASSESSMENT LAW PROPERTY DESCRIPTION ASSESSMENT LAW PROPERTY DESCRIP 

	1	!							1						Rationiles.	08	
		FIXED	VAR	TABLE		A 2018	Write-off Churnes			PYA 2017		Variable		Ephaldz		340	Shares
Sr. No.	TARIFF CATEGORY / PARTICULARS	CHARGES	CHA	ARGES	- "	. 2018	WI ICO-C	on CERTS-4	,	A 2017	Ch	argea	FIXED Charges	TARIATLE CHARGES			ARGES
	<u> </u>	Rs/hW/M	R.	/hWh	R	/kWk	Re	/kWh	R	s/hWh	R*	/kWk	Re/kW/M	R.	/bWh	R	/kWk
		A				c		D		t		7					
D-1(a)	SCARP lose then 5 kW			15.86		0.54		0.66		1.29		19.95			6.75		
D-2 (e)	Agricultural Tube Wella	200.00		18.41		0,84		0.66	!	1.89		11.50		L	7,00		
	1		Ponk	Gff-Peab	Peak	Off Feek	Posk	Off-Page	Frek	Off-Feek	Pouk	Off-Pesh		Poak	Dff-Pank	Pock	Diffesh
D-1(b)	SCARP 5 4W & above	200.00	19.36	13.11	D.84	0.54	9.66	D.66	1.89	1.09	22.45	16.20		7,45	7,25		
D-2 (b)	Agriculture] 3 kW & showe	200.00	19.36	13.14	0.54	0.54	0.66	0.66	1.89	1.89	22.45	16.20		12.10	7.35	1	

Under this tariff, there shall be minimum monthly obarger Ra.2000/- per consumer per month, oven if no energy is consumed.

Nation: The consumers having munitioned lead less than 5 Marca up to TOU netering.

Next Tariff was closured and of Annountil that I remain applicable for one per a from the date of actification. Colonia C, 0. E and 7 of Annountil that I remain applicable for one per a from the date of actification. Colonia C, 0. E and 7 of Annountil that I remain applicable, till the name is suppressed by a real notification.

		i i	- 1					GeP Taciff Estimation					
Br. No.	No. TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	PVA 2016	Write-off Charges	PYA 2017	. Total Variable Charges	FIXED	VARIABLE	PARIABLE			
			İ	3	i i			CHARGES	CHARDES	CHARDES			
	<u> </u>	Re/bW/M	Rs/hWk	Re/hWk	Re/AWA	Ra/kWh	Re/kWh	Re/hW/M	Re/EWE	Rs/kWh			
	·	A 1		c	D		ŗ						
-1(1)	Residential Supply		17.01	0.54	0.66	1.89	20.10			2.1			
t(M)	Commercial Supply		19.26	0.54	0.66	1,89	22.25		1				
-2	industrial Supply	1 1	16.76	0.54	0.66	1,69	19.85			į .			

Rote: Toriff ander Column A and F of Amera-III shall commin applicable, for any year from the date of antificultur. Column C, D, E and F of Amera-III shall commin applicable, IIII the mome to experience by a goal motification.

128% of Februar industrial industrial touff

Note: Tailf-F convenees will have the option to convert to Regular Yailf and vice verse. This option can be quartied 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.

in the last	Company to the second s										
		FIXED	VARIABLE				Total Variable	Gof Tariff Rationilisation Subside Surchases			
Br. No.	TARIFF CATEGORY / PARTICULARS	CHAROES	CHARGES	PYA 2016	Write-off Charges	PYA 2017	Charges	FIXED CHARGES	VARIABLE CHARGES	VARIABLE	
		Rs/kW/M	Ro/kWk	Re/kWk	Re/EWE	Re/bWk	Re/hWh	Re/kW/M	Re/kWh	He/kWh	
<u> </u>		A		СС	D	£	7				
1	Street Lighting	<u> </u>	16.24	0.54	0.66	1.07	19.35		A.35		

Under Parlif of there shall be a minimum meabily charge of Sa. 500/- per month per him of lump appearir installed.

Seter Parlif seter Cehim A and F of Anneal ill shall remain applicable for one year from the date of setflection. Colum C, D, & and F of Anneal ill shall come to exist after san year and only Colum A and & of Anneal ill shall remain applicable, till the same in supercoded by a cost sotification.

	l i				1		Gof Tariff Rationlisation				
TARIFF CATEGORY / PARTICULARS	FIXED CHARGES	VARIABLE CHARGES	PYA 2016 Wille-off Charges PYA 301		PYA 3017	Total Variable Charges	FIXED CHARDES	VARIABLE CHARDES	SWSBARE PARIABLE CHARGES		
1	Ra/hW/M	Re/kWb	Re/hWb	Ra/kWb	Re/EWE	RefleWk	Ru/kW/M	Re/kWh	Re/hWh		
	A			D	\$	7					
Residential Columbes attached to Industrial											
premiers		16.26	0.34	0.66	1.97	19.35	!	4.35	!		

Note: Twiff under Colum A and F of Annex: Hi shall remain applicable for one year from the date of notification, Colum C, D. S and F of Annex: III year and tally Colum A and S of Annex: III shall remain applicable, till the same in supercoded by a gent notification.

1	T												Cof Twi	II Rationiisa	Joe	
ì	PT XXX D	VAF	UA SLE		101+	· w	off Charges		A 2017	Total	Variable		inhaldy		34	tcpork4
TARIFF CATEGORY / PARTICULARS	CHARGES	CH.	ARGE#	, , ,	. 2014		ou crester			Ch	- tes	FIXED CHARGES		REABLE		RIABLE
1	Re/RW/M	Re	/kWk	R.	/kWk	, R	e/EWN	R	s/kWh	, я.	/kWh	Re/kW/M		a/hWk	R	s/kWh
	A		3		c		Ь		*		7					
For supply at 66 hV & shore and having													· · · · · · · · · · · · · · · · · · ·			
meetiourd lead of 20MW & above	380.00		16.44	i	0.54		0.66	i	1.84	1.0°	17.55		1		i	
1 :				1		i							1.		[	
jul; For supply st 11,33 bV	360.00		14.59		0.14		9.66		1.59		19.65		i		ļ	
(b) For supply at 66 bV & above	360.00		16.46		0.54		0.56		1.49		19.53				1	
3	1				i	i				i		•			i	
[si] For expely at 11,33 kV	380.00		15.52	i	0.84		0.66		1.89		19.63		Į.		1	
(b) For supply at 66 kV & above	360.00		16,44		0.64	i	0.46		1,80		19.53				1	
Time Of Use	1	Peak	Off-F rak	Peak '	Off-Peak	Prak	Off-Peek	Peab	Off-Peak	Posk	Off-Peab	_	Poak	Off-Feek	Posk	01.10
Ifb) For supply at 66 kV to above and having	ł											•		1		
textioned land of 20MW & shore	360.00	19.34	13.11	0.54	0.64	0.66	0.66	1.89	1.89	22.45	16.20		1	1 .		
2 tel For supply at 11,33 kV	380.00	19.34	t3.21	0.54	0.54	0,66	0.66	1.89	1.89	22.45	16,30		†	1		
2 [d] For supply at 66 hV & share	360.00	19.36	12.11	0.64	0.64	0.66	0.46	1.89	1.89	22,45	16.20	**		1	!	
3 (c) For supply at 11,33 kV	380.00	19.36	13.21	0.54	0.54	0.66	0.66	1.87	1.09	22.46	16.30		1	1	( )	
3 (d) For oupply at 66 hV & above	360.00	19.36	13.11	0.54	0.54	0.66	9.66	1.69	1.89	22.45	16.20		1	i	1 1	

Note: Testif order Colum A and F of Amountili shall remain applicable for any year from the date of motification. Colum C, D, E and F of Amountili shall cause to exist after one year and only Colum A and B of Amountili shall remain applicable, till the same is superseded by a must notification.

Nets. "Bevium-belum Buccharge" at the rate of Rs. 0,10/AWS applicable on all electricity consumers entry lifeline domentic communer of the enterpry "Residential A-1" for electricity sold.
"Flancing Cost Surcharge" at the rate of Rs. 0,42/AWS applicable to all the of electricity consumer except lifeline domentic consumers of the enterpry 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  $UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.02)} \times AFI(T) \quad Paisa/kWh$
  - ii) Where only 11 kV distribution systems is involved.

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.11)} \times AFI(D)$$
 Paisa/kWh

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

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.13)} \times AFI(TD)$$
 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 $10^{th}$ July and $10^{th}$ 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 10th July and 10th 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 10th July and 10th 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 10th July and 10th 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.
	A: Power Purchase Price (PPP) Adjustment	
	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: Prior Year Adjustment (PYA)	
	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
	C: Impact of Negative Monthly FCA's	
	Negative FCA Retained (Life Line, Agri and Domestic Consumers upto 300 units)	(3,984)
Less;	Net Subsidy, if any	6,254
	FCA amount to be passed on to the consumers	*
	Total Adjustment = A+B+C	7,337

- II. The impact of PYA amount of Rs.1,630 million already built in the SEPCO's redetermination 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 adjustmentswhich 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

Fuel Price variation = Actual Fuel Cost Component - 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.

# 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;

Quarterly/Biannual PPP (Adj.) = <u>PPP(Act.)</u> (excluding FCC)-PPP(Ref.) (excluding FCC) (1-T&D Loss %) – (Life line Consumption %)

Where;

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.

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 (Adj.)

Where;

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.

# Sukkur Electric Power Supply Company Limited (SEPCO) Estimated Sales Revenue on the Basis of New Tariff

Description	Sal	s		Revnue		Bas	e Tariff	PY	A 2016	Wrl	te off	PYA	2017	Total	Tar
Description	GWh	% Mix	Fixed Charge	Variable Charge	Total	Fixed Charge	Variable Charge	Amount	Variable Charge	Amount	Variable Charge	Amount	Variable Charge	Fixed Charge	Va C:
			Gnarge	Min. Rs.		Rs./kW/ M	Rs./ kWh	Min. Rs.	Rs./ kWh	Min, Rs.	Rs./ kWh	Min. Rs.	Rs./ kWh	Rs./kW/ M	Rs
sidential										· .					
Up to 50 Units	56	1.83%		224	224		4.00	· 1	•			•			Г
or peak load requirement less than 5 kW					i '									1	
01-100 Units	519	16.87%	•	5.788	5,788		11.16	280	0.54	348	0.87	981	1 89	l	l
191-200 Units 201-300 Units	265 304	8.63% 9.90%	•	3,306 4,612	3,306 4,612		12.48 15.16	143 164	0.54 0.54	178 204	0.67 0.67	502 575	1.89 1.89		
301-70CUnirs	234	7.62%		3,987	3,987		17.01	127	0.54	157	0.67	443	1.89	1	١
Above 700 Units	254	8.27%	-	4,923	4,923		19.38	137	0.54	170	0.67	481	1.89	l	l
or peak load requirement exceeding 5 kW)														[	
Firme of Use (TOU) - Peak	7	0.24%	•	140	140	1	19.36	. 4	0,54	5	0.66	14	1.89	j	İ
Time of Use (TOU) - Off-Peak Femporary Supply	81	2.64% 0.00%	-	1,087 0	1,087		13.41 17.01	44	0 54 0 <b>54</b>	54 0	0.86 0.68	153	1.89 1.89		
Total Residential	1,722	56.00%		24,069	24,069			899	0.01	1,115		3,149			Щ.
ommercial - A2										•					
phak load requirement less than 5 kW	92	2.99%		1,771	1,771		19.26	50	0 54	81	0 66	174	1.89		
r peak load requirement exceeding 5 kW															
Regular	18	0.60%	19	316	335	400	17.26	10	0.54	.12	0.86	35	1.89	400	
Firme of Use (TOU) - Peak	21	0.67%	100	398	398	,,,	19.36	11	0.54	14	0.66	39	1.89	400	1
Time of Use (TOU) - Off-Peak Temporary Supply	112	3.66% 0.00%	189	1,508	1,697 0	400	13.41 19.26	61 0	0.54 0.54	74 0	0.66 0.66	213 0	1.89 1.89	400	
Total Commercial	243	7.91%	208	3,993	4,201	L1	15.20	131	0.34	161	0.00	460			
					.,=+1										
eneral Services-A3	92	3.00%		1,343	1,343		14.56	50	0.54	81	0.66	177	1.92		
dustrial															
B1	73	2.38%		1,227	1.227		16,76	40	0 54	48	0.66	13B	1.89		
Bt Peak	14	0.46%		273	273		19.38	8	0 54	9	0 66	27	1.89		l
B1 Off Peak	104	3.39%	•	1,397	1,397		13.41	56	0 54	69	0.66	197	1.89		
B2 TC/L/(Best)	36 29	1.16% 0.95%	72	579 563	650 563	400	16 26	19 16	0 54 0 54	23 ·	0 66 0 66	67 55	1.89 1.89	400	
82 - TC/U (Peak) 82 - TC/U (Off-peak)	198	6.43%	435	2,612	3,047	400	19 36 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	0.68	9	1.89		
B3 - TCU (Off-peak)	26	0 85%	30	344	375	380	13.11	14	0 54	17	0.68	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% 0.01%	22	267 3	289 3	360	13,01 16,76	11	0.54 0.54	17¢	0 66 0 66	39 0	1 89 1.89	360	1
Fernporary Supply  Total Industrial	509	16.57%	558	7,431	7,989	L	10.70	275	0.34	336		963	1.03		
ngle Point Supply for further distribution	544		***	.,	.,					• • • • • • • • • • • • • • • • • • • •	•				
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	ll	19.38	3	0 54	4	0.66	12	1.89		
Time of Use (TOU) - Off-Peak	36	1.17%	43	462	525	400	13.41	19	0 54 0 54	24	0.66 0.66	68	1.89	400 380	
C2 Supply at 11 kV Time of Use (TOU) - Peak	12	0.37% 0.50%	9	191 299	200 299	360	16.56 19.36	8	0 54	-10	0.66	29	189	360	
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%		L	· ·	360	13,11		0,54		0.66	327	1.89	360	L
Total Single Point Supply	173	5.63%	150	2,593	2,743			. 93		. 114		32/			
gricultural Tube-wells - Tarlff D  Scarp	126	4.10%		2,000	2,000	<del>,                                    </del>	15.86	68	0.54	.83	0.66	238	1.89		T
Scarp Time of Use (TOU) - Peak	3	0.11%		2,000	87		19.36	2		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	
Agricultual Tube-wells	33	1 07%	18	507	525	200	15.41	18	0.54	22	0.66	62	1 89	200	l
Time of Use (TOU) - Peak	10	0.34%	٠	201	201		19,36	8	0.54	. 7	0.66	20	1.89	200	l
Time of Use (TOU) - Off-Peak	70	2.26%	73	913	954	200	13,11	153	0.54	187	0.66	132 536	1.89	200	Ц
Total Agricultural	264	9.23%		4,229	4,302 B02		16.28	193	0.54	33	0.66	93	1.89		Τ-
Public Lighting	40	1 61%		1 HD7			10.20			1	0.66	3	1.89		
Public Lighting Resid Colon,att. to ind	49	1 61% 0.06%	-	802 28	28		16.26	1	0.54	1 1	1		1.09		l
• •				,			16.26		0.54		- 0.50		1.09		
Resid Colon.att. to ind Sub-Total				,			16.26	28	0.54	34		97	1.09		
Resid Colon.att to ind  Sub-Total  pecial Contract - Tariff-J	2	0.06%	-	28	28										
Resid Colon.alt. to ind  Sub-Total  pecial Contract - Tariff-J  J-1 For Supply at 66 kV & above	51	0.06% 1.86% 0.00%		831	631	360	18.46	28	0.54	34	0.66	97	1.89	360	
Resid Colon.att. to ind  Sub-Total  pecial Contract - Tarlff-J  J-1 For Supply at 66 kV & above Time of Use (TOU) - Peak	51	0.06% 1.66% 0.00% 0.00%		831	631		18.46 19.36	28	0.54 0.54		0.66 0.68		1.89		
Resid Colon.att to ind  Sub-Total  Decial Contract - Tariff-J  J-1 For Supply at 66 kV & above  Time of Use (TOU) - Peak  Time of Use (TOU) - Off-Peak	51	0.06% 1.66% 0.00% 0.00% 0.00%		831	631	360 360 380	18.46	28	0.54	34	0.66	97	1.89	360 360 380	
Resid Colon.att. to ind  Sub-Total  pecial Contract - Tarlff-J  J-1 For Supply at 66 kV & above Time of Use (TOU) - Peak	51	0.06% 1.66% 0.00% 0.00%		831	631	360	18.46 19.36 13.11	28	0.54 0.54 0.54	34	0.66 0.68 0.66	97	1.89 1.89 1.89 1.89	360 380	
Resid Colon.att. to ind  Sub-Total  pecial Contract - Tariff-J  J-1 For Supply at 66 kV & above  Time of Use (TOU) - Peak  Time of Use (TOU) - Oll-Peak  J-2 (a) For Supply at 11, 33 kV	51	0.06% 1.66% 0.00% 0.00% 0.00% 0.00% 0.00%		831	631	360 380 380	18.46 19.36 13.11 16.58	28	0.54 0.54 0.54 0.54 0.54	34	0.66 0.68 0.66 0.66 0.66	97	1.89 1.89 1.89 1.89 1.89	360 380 380	
Resid Colon.att. to ind  Sub-Total  Decial Contract - Tarlff-J  J-1 For Supply at 66 kV & above Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak J-2 (a) For Supply at 11, 33 kV Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak J-2 (b) For Supply at 68 kV & above	51	0.06% 1.66% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%		831	631	360 380	18.46 19.36 13.11 16.56 19.30 13.21 16.46	28	0.54 0.54 0.54 0.54 0.54 0.54	34	0,66 0,68 0,66 0,66 0,66 0,66	97	1.89 1.89 1.89 1.89 1.89 1.89	360 380	
Resid Colon.att to ind  Sub-Total  pecial Contract - Tariff-J  J-1 For Supply at 66 kV & above Time of Use (TOU) - Peak  Time of Use (TOU) - Off-Peak  J-2 (a) For Supply at 11, 33 kV  Time of Use (TOU) - Off-Peak  Jime of Use (TOU) - Off-Peak  J-2 (b) For Supply at 18 kV & above  Time of Use (TOU) - Peak	51	0.06% 1.86% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	-	831 		360 380 380 360	18.46 19.36 13.11 16.58 19.38 13.21 16.46 19.38	28	0.54 0.54 0.54 0.54 0.54 0.54 0.54	34	0.66 0.68 0.66 0.66 0.66 0.66	97	1.89 1.89 1.89 1.89 1.89 1.89 1.89	360 380 380 360	
Resid Colon.att to ind  Sub-Total  pecial Contract - Tarlff-J  J-1 For Supply at 66 kV & above Time of Use (TOU) - Peak Time of Use (TOU) - Oll-Peak J-2 (a) For Supply at 11.33 kV Time of Use (TOU) - Peak Time of Use (TOU) - Peak Time of Use (TOU) - Peak J-2 (b) For Supply at 68 kV & above Time of Use (TOU) - Peak Time of Use (TOU) - Peak Time of Use (TOU) - Peak	51	0.06% 1.86% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%		831	631	360 380 380 360	18.46 19.36 13.11 16.58 19.36 13.21 16.46 19.36	28	0.54 0.54 0.54 0.54 0.54 0.54 0.54	34	0,66 0,68 0,66 0,66 0,66 0,66	97	1.89 1.89 1.89 1.89 1.89 1.89	360 380 380	
Resid Colon.alt. to ind  Sub-Total  pecial Contract - Tarlff-J  J-1 For Supply at 66 kV & above Time of Use (TOU) - Peak Time of Use (TOU) - Oll-Peak J-2 (a) For Supply at 11, 33 kV Time of Use (TOU) - Peak Time of Use (TOU) - Peak Time of Use (TOU) - Peak J-2 (b) For Supply at 66 kV & above Time of Use (TOU) - Off-Peak J-3 (a) For Supply at 11, 33 kV	51	0.06% 1.86% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	-	831 		360 380 380 360	18.46 19.36 13.11 16.58 19.38 13.21 16.46 19.38	28	0.54 0.54 0.54 0.54 0.54 0.54 0.54	34	0.66 0.68 0.66 0.66 0.66 0.66	97	1.89 1.89 1.89 1.89 1.89 1.89 1.89	360 380 380 360	
Resid Colon.alt. lo ind  Sub-Total  pecial Contract - Tarlff-J  J-1 For Supply at 66 kV & above Time of Use (TOU) - Peak Time of Use (TOU) - Olf-Peak J-2 (a) For Supply at 11, 33 kV Time of Use (TOU) - Peak Time of Use (TOU) - Peak Time of Use (TOU) - Peak J-2 (b) For Supply at 68 kV & above Time of Use (TOU) - Peak Lime of Use (TOU) - Peak	51	0.06% 1.86% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%		28 831		360 380 380 360	18.46 19.36 13.11 16.56 19.36 13.21 16.46 19.36 13.11	28	0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54	34	0.66 0.68 0.66 0.66 0.66 0.66 0.66	97	1.89 1.89 1.89 1.89 1.89 1.69 1.69 1.89 1.89	360 380 380 360 360 380	
Resid Colon.att. to ind  Sub-Total  pecial Contract - Tarlff-J  J-1 For Supply at 66 kV & above Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak J-2 (a) For Supply at 11, 33 kV Time of Use (TOU) - Peak Time of Use (TOU) - Peak Time of Use (TOU) - Peak J-2 (b) For Supply at 68 kV & above Time of Use (TOU) - Peak Inne of Use (TOU) - Peak J-3 (a) For Supply at 11, 33 kV Time of Use (TOU) - Off-Peak J-3 (b) For Supply at 66 kV & above	51	0.06% 1.86% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%		28 831		360 380 380 360 360 380	18.46 19.36 13.11 16.56 19.36 13.21 16.46 19.36 13.11 16.56 19.36 13.21	28	0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54	34	0.66 0.68 0.66 0.66 0.66 0.66 0.66 0.66	97	1.89 1.89 1.89 1.89 1.89 1.69 1.69 1.89 1.89 1.89	360 380 380 360 360 380	
Resid Colon.alt. lo ind  Sub-Total secial Contract - Tariff-J  J-1 For Supply at 66 kV & above Time of Use (TOU) - Peak Irme of Use (TOU) - Off-Peak J-2 (a) For Supply at 11, 33 kV Time of Use (TOU) - Off-Peak J-2 (b) For Supply at 8k v & above Irme of Use (TOU) - Off-Peak J-3 (a) For Supply at 13, 33 kV Time of Use (TOU) - Off-Peak J-3 (a) For Supply at 11, 33 kV Time of Use (TOU) - Peak Irme of Use (TOU) - Peak Irme of Use (TOU) - Peak		0.06% 1.66% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	-	831 	28 631	360 380 380 360 360 380	18.46 19.36 13.11 18.56 19.36 13.21 16.46 19.36 13.11 16.56 19.36	28	0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54	34	0.66 0.68 0.66 0.66 0.66 0.66 0.66 0.66	97	1.89 1.89 1.89 1.89 1.89 1.69 1.69 1.89 1.89	360 380 380 360 360 380	

Total Revanue 3,074 100.00% 991 44,491 45,462 1,630 2,009 5,707

iriff 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 plumn "Base Tariff" shall remain applicable till the same is superseded by next notification.

1,610

39,506

3,431

# **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	ı·12.0153	10.4783	11.0526	10.8634	8.9228	7.8564	9.0278
				: .	•		1.						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

144

117

121

106

137

PPP 3,795 3,565 3,543 3,831 3,007 3,046 3,015 2,516 2,804 3,437 3,517 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

149

176

138

131

USCF

# 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:

	* PEAK TIMING	OFF-PEAK TIMING
Dec to Feb (inclusive)	5 PM to 9 PM	Remaining 20 hours of the
day		
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

<sup>\*</sup> 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).
- 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 7th 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-l(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-I 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-l(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 tubewells 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 industry reconnected with the Company's Supply System.

### G PUBLIC LIGHTING SUPPLY

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

### **Definitions**

E"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.

[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. (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/Biannua! 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 Licenses) 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.

	PIXED		IABLE	PYA	2016	Write el	f Charges	PY	A 2017		Verlakie		385 Tar	iff Ketlenile:	tion	
Sr. No. TARIFF CATEGORY / PARTICULARS	CHARGES	CHA	RGES							Ch.	reller.		ubildy		Bur	e kerge
	Ro/kW/M	Ro	/kWh	Ra	/kWh	Rs	/ WWb	Ra	/kWh	R.	/kWh	FIXED CHARGES Re/LW/M	CI	RIABLE LARGES S/EWb	CH	HABLE URGES VEW b
<u> </u>	A		•		c		D		Y		7					
a For Sanctioned load less than 3 kW								l								
i Up to 50 Units	1 . 1		4.00		•						4.00		İ	2,00		
For Consumption exceeding 50 Units	1 1							!							ľ	
U 901 - 100 Unite	- 1		11.06		[1,16]		2.00		0.92		13.61		}	8.03		
ili idi - 200 Unite			13.56		11.161		2.00	1	0.91		17.31		1	9.20		
iv 201 - 300 Units	1 1	i	15.60		(1.15)	ĺ	2.05	ĺ	0.91		17.41		1	7.21	1	
v 361 - 700 Unita			16.75		(1.15)	ļ .	1.05		0.91		15.76		Į.	2.76		
vi Above 700 Units			18,02		(1.12)	1	2.03	l	0.91		19.86		l	1.86		
b) For Sanctioned land 5 kW & above						}		!					ŀ		ĺ	
1		Post	Off-Peak	Prak	Off-Pagk	Posk	Off-Peak	Feak	Off-Peak	Perk	Off-Peak		Peak	Off-Pagk	Peak	On Pee
Time Of Use		18.06	12.81	(1.16)	(1.16)	2.00	2.00	0.92	0.92	19,82	14.27		1.82	1.77		1

As per Authority's decision residential consumers will be given the benefite of anly one previous sich. Under tariff A-1, there shall be minimum monthly cuntemer charge at the following rates even if no energy is consu

a) Single Phase Connections:

Rs. YS/- per consumer per menth
by Three Phase Connections:

Rs. 130/- per consumer per menth

Note: Tariff under Colum A and F of Annox-III shall remain applicable for one year from the date of notification. Colum C, D, E and F of Annox-III shall conse
le salet after une year and only Culum A and B of Annox-III shall remain applicable, Illi the same is superseded by a next solification.

ŝr. Ko.	TARIFF CATEGORY / PARTICULARS	FIXED CHARGES		RIABLE ARGES	PY	A 2016	Write-e	# Chargos	PY/	A 2017	iai Vari	able Charg		Ubaldz VA	M Rationile RIABLE IAROES	Burchar VAR	EF LABLE RGES
	1	Re/hW/M	R:	/kWh	N.	/hWh	Ra	/hWb	Re	/kWh	A.	/kWb	Ro/EW/M		4/kWh	Ro	/kws
		_ A		8		c ·		Ь		I		7					
-	For Sanctioned load less Ikan S kW			18.06		(1.16)		2.00		0.92		19.82			1.82		
k)	For Samutioned land 5 kW & abuve	400.00	1	13,51		[1.16]		2.00		0.92		15.27		i			0.73
į		!	Poak	Off-Peak	Peak	OII-Peak	Peza	Off-Peak	Prak	Off-Pook	Post	Gff-Peab	•	Peak	Dff.Peak	Peak	Dff-Peak
	Time Of Use	400.00	18.06	12.51	[1.16]	(1.16)	2.00	2.00	6.92	0.92	17.42	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 seasumed,

by Three Phase Connections:

Rs. 180/- per consumor per month

Reis: Tail! under Colum A nod y of Annex-ill shall remain applicable for one year from the date of notification, Colum C. D. E and F of Annex-ill shall comes to each after one year and only Colum A and B of Annex-ill shall remain applicable, till the same to cupersocied by a next notification.

1				i				Per Tariff Rationline	lies
	PIXEO	VARIABLE	PYA 2014	Write-off Charge a	PYA 2017	Total Variable	1	inpaya à	Surcharge
Sr. No TARIFF CATEGORY / PARTICULARS	CHARGES	CHAROES		<b>,</b>		Chargee	FIXED	VARIABLE	VARIABLE
	Re/LW/M	Re/kWh	Re, kWh	Re/hWh	Rs/kWh	Re/kWh	CHARGES Re/kW/M	CHAROES Re/EWN	CHARDES Re/kWh
	A		c	В	1	7			
sty Consent Services	$\overline{}$	14.01	11 161	2.00	0.92	15.77		1.02	

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

Rs. 175/- per concumer per month Rs. 250/- per concumer per month

Note: Teriff under Colum A and F of Americal shall remain applicable for one year from the date of antification. Colum C, D, E and F of Americal applicable for one year one control only Colum A and B of Americal shall remain applicable, till the same to supersocied by a next notification.

CONTROL CONTRO Gef Tariff Rationileation Subsidy VARIABLE CHARGES PYA 2016 Write-off Charges FYA 2017 TARIFF CATEGORY / PARTICULARS FIXED

i			Ro/EW/M	<b>*</b>	/bWb	R	/kWh	R,	/kWh	R	/kWh	R.	/aWa	Ro/EW/M		s/kWk		k Wh
r			A		2		Ċ		D		£		7					
ŀ	<b>n</b> :	Upts 38 kW [st 400/230 Velts]			13.56		(1.16)		3.00		0.92		15.32			0.83		1
١	\$2(a)	exceeding 25-800 kW [al 400 Velte]	400.00	1	13.06		(1.16)		1.00	1	0.92		14.82		ŀ	G. 82		í
1		Time Of Use		Posk	Off-Peak	Pesk	Off-Peak	Peak	Off-Peek	Peak	Off-Peak	Peak	Gff-Peak		Peak	Off-Peak	Peak	Off-Peak
ı	B1   6	Up to 35 KW		18,06	12.51	[1.16]	(1.16)	1.00	2.00	0.72	0.94	19.82	14.27		1:82	1.77		
ı	# 2(b)	exceeding 25-500 kW (at 400 Velta)	400.00	18.06	12.31	(1.16)	[1.16]	1.00	2.00	6.92	0.92	19.82	14.07		1.82	1.75		!
ŀ	#3	For All Loads up to 5000 kW (at 11.33 kV)	386.00	18.06	12.21	11 16	(1.16)	2.00	2.00	0.92	6.92	19.82	13.97		1.82	1.77	ĺ	
ì	54	For All Lunds (at 66, 132 hV & shove)	369.00	18.06	12,11	(1.16)	[1.16]	2.00	2.00	0.92	6.92	19.62	13.87		1.82	1.77		

For \$1 consumers there shall be a fined minimum oberge of Ra. 180 per month.

For \$2 consumers there shall be a fined minimum charge of Ra. 2,000 per month.

For \$2 consumers there shall be a fined minimum charge of Ra. 5,000 per month.

For \$4 consumers there shall be a fined minimum charge of Ra. 5,000,000 per month.

Note Tariff under Celum A and F of Annea-ill shall remain applicable for one year from the date of actification. Celum C. D. E and F of Annea-ill shall essee to enist after one year and only Colum A and B of Annea-ill shall essee to enist after one year and only Colum A and B of Annea-ill shall essee to superceded by a next notification.

	1													OP Tari	II Sationliss	lies_	
l		CHARGES		RIABLE	PYA	2014	Write-o	ff Charges	PYA	2017		rges	FIXED	ubeld T	RIABLE		MAKET
Br. No	TARIFF CATEGORY / PARTICULARS			/awa		/kWh		/kWh		/kWh		kWh	CHARGEA Ra/kW/M	CH	AROES	CHA	RGES
	·	Rs/hW/M		/ EWR				( <del></del>		,			~4/44/2		,,,,,,		
L	1	^_				С		<u> </u>		•		<u> </u>					
C -1	For supply at 400/330 Velle						i	ļ						l			
	Banstioned land loss than 5 kW			L4.06		[1.16]	ŀ	2.00		0.91	1	13.82		l	0.82		
١ ،	Sanctioned lead 8 kW & up to 300 kW	400.00		13.86		(1.16)	Ì	2.00		0.92	V	18.33		1	0.52		
C -34	For supply at 11,33 kV up to and including			12.36			Ì	!		0.92		16.12		Ì	0.82		
1	8000 FM	380.00	i	12.36		(1.16)	1	2.00		0.72		10.12		ł	9.82		
ic a	For supply at 66 kV & above and sanctioned	į į			l				ĺ					į.			
	load abuve 5000 kW	360.00	Ì	13.26	i	11.16)	l	2.00		0.92		18.02		į .	0.62		
1	Time Of Use		Peak	Off-Peak	Prek	Off-Peak	Peak	Off-Pvah	Pesk	Off-Peak	Peak	Off-Peak		Peak	Off-Peak	Peak	Off-Peal
C-14	Ter supply at 400/230 Voits 5 kW & up to	1	H		<del></del>		-										
	500 kW	400.04	18.06	12.81	[1.16]	(1.14)	2.00	2.00	0.93	6.92	17.52	14.27		1.82	1.77	ì	ļ
C - 20	For supply at 11,33 kV up to and including		l		l							l			١	1	
1	F000 FM	350.00	18.06	12.31	(1.16)	11.16	2.00	3.00	0,92	0.93	17.83	14.07	ì	1.82	1.77	l	l l
C-34	For supply at 66 kV & above and associated	360.00	16.06	12.21	(1.16)	11.14	2.00	2.00	0.92	0.92	17.82	13.97	Í	1.92	1.77	1	1

Note: Toriff under Colum A and F of Annon-Ill shall remain applicable for one year from the date of notification. Colum C, D, E and F of Annon-Ill shall coase to dails after any year and only Colum A and E of Annon-Ill shall coase

	i !	1. 1		j								-		Ger Tar	II Rationlies	tien	
<b>.</b>	TARIFY CATEGORY / PARTICULARS	CHARGES		RIABLE ARGES	PYA	2016	Write-o	(( Charges	PY	2017		Variable	1	lubal 4 y		Sure	ports
Sr. No.	TARIFF CATEGORY / PARTICULARS	Re/kW/M		/kWh	Rs	/4Wh	Re	/kWh	Ra	/ <b>%%</b>		kwh	FIXED CHARGES Re/EW/M	Сн	RIABLE ARGES 4/kWb	СНА	IABLE ROES /kWh
	ļ	A		1		C		D		Į.		7					
D-1[#]	SCARP less than 5 kW			13.56		11.16		2.00		0.92		15,32			3.32		
0-2 (a)	Agricultural Tube Wells	200,00		13.06		[1.16]		2.00		0,92	ļ	14, 82			3.32		
			Peak	Off-Peak	Posk	Off Prek	Prek	Off-Punk	Peak	Off-Peak	Prak	Off-Pirek		Posk	Off-Pres	Peak	Off-Pash
	SCARP S kW & above	200.00	18.06	12.51	(1.16	(1.16)	2.00	2.00	0.92	0.92	19.82	14, 27		4.82	5.42		
D-3 [k	Agricultural 5 kW & above	200.00	12.06	12.51	11.16	11.16	2.00	2.00	6.93	D.92	19.42	14.27		9.47	5.42		*

Under this tariff, there shall be minimum mentily charges Rs.2000/- per consumer per month, case if na energy is consumed. Note:- The concumers having cancilance lead less than 5 kW can opt for TOU metaring.

Nate: Taylif under Celum A and F of Annea: || abail remain applicable for one year from the date of netification. Colum C. D. 2 and F of Annea: || ohall neasto valet after one year and only Colum A and B of Annea: || shall remain applicable, (||) the same is superseded by a next netification.

									Gof Tariff Retionile	tien
Sr. No.		FIXED	VARIABLE	PYA 2016	Write-off Charges	PYA 2017	Total Variable		ubaid v	Batchette
30. 70.	TARIFF CATEGORY / PARTICULARS	CHARGES	CHARGES				Charges	PLKED	VARIABLE	VARIABLE
		1. 1			1 . 1		!	CHARGES	CHARGES	CHARGES
		Rs/kW/M	Rs/kWb	Rs/kWh	Ru/hWh	RI/hWh	Rs/hWh	Rs/kW/M	Re/kWh	Rs/kWh
				С	. 0	\$	[ <i>j</i>			
E 1 11	Remdentiel Supply		18.06	[1.16]	2.00	0.92	19.83	i		2.44
E- Litti	Coursereint Supply		18.06	[1.16]	1.00	0.92	19.82	Į.		2,53
Z-2	industrial Supply		13.56	(1.16)	1.00	0.92	15.32	1	1	4,50

For the categories of E-lifaily above, the minimum hill of the consumers shall be Ra. 30/- per day sobject to a minimum of Ra. 300/- for the satire period of supply, evan if no enargy to e

Note: Tariff under Calum A and F of Annea-III shall remain applicable for one year from the data of netification. Colum C, D, E and F of Annea-III shall cease to exist ofter one year and only Colum A and B of Annea-III shall remain applicable, till the same in superseded by a next notification.

125% of relevant Industrial tariff

Hola: Turiff.P consumers will have the aption to convert to Regulor Tariff and visa versa. This oplian can be exercised at the time of a new connection or at the beginning of the season. Once azercised , the uption remains in farce for at laset one year.

THE PROPERTY OF THE PROPERTY O

							1		er Tariii Rationiis	ation
L	l	FIXED	VARIABLE	PYA 2016	Write-off Charges	PYA 2017	Tetal Variable		ubaidy	Surcharge
Br. No.	TARIFF CATEGORY / PARTICULARS	CHARGES	CHARGES				Charges	YIXXD	VARIABLE	VARIABLE
!		Rs/kW/M	Rs/kWh	Re/kWh	Re/kWh.	Re/kWh	Ra/kWh	CHARGES RedbW/M	CHARGES Rs/hWh	CHARGES - Ru/hWh
		A		c .		1	· · · · · · · · · · · · · · · · · · ·			<u></u>
	Street Lighting		13,06	(1.16)	2.00	0.92	14.82		•	σ. τα

Under Tariff G, there shall be a minimum monthly sharge of Ra. 300/- per month per kW of lamp espacity tostalled.

Note: [actif under Colum A and F of Annex-ill shall remain applicable for one year from the date of nutilication, Colum C, D, E and F of Annex-ill shall remain applicable, till the same is superreded by a next netification.

	j			1				Gop Tariff Rationita	tien
	PIXED	VARIABLE	PYA 2016	Write-off Charges	PYA 2017	Total Variable	- 1	Bubaidy	Surcharge
F No. TARIFF CATEGORY / PARTICULARS	CHARGES	CHARGES			• • • • • • • • • • • • • • • • • • • •	Charges	PIXED	VARIABLE	VARIABLE
<u> </u>	Ra/kW/M	Re/kWh	Rs/kWh	Rs/kWh	Ra/hWh	Re/bWh	Re/hW/M	" CHARGES Ra/kWb	CHARGES FE/EWE
1.	A		C	В	ž –	,	•	·	
Residential Colonies attacked to Industrial							T	T	
in annulus a	1 1	13.06	11.16	1 202	0.00		1	1	

Itemiess [1.18] 2.00 0.72 [1.18]

Net: Tailfunder Colum A and Y of Annes-ill shall remain applicable for one year from the date of notification, Colum C. D. E and F of Annes-ill shall remain applicable, till the same is superseded by a next motification.

and the contract of the contra

		FIXED	VA	RIABLE		A 2016	Welle	ff Charges		2017	Total	Variable		GaP Tur Inbaldy	III Rationiis		·bařg·
8r. Xo.	TARIFY CATEGORY / PARTICULARS	CHARGES Ru/kW/M		ARGES		/kWh		/kWh		/kWk		nrgae /kWh	FIXED.S CHARGES RA/LW/M	CH	RIABLE IARGES	СН	RIABLE ARGES I/LWh
	1	360.00	^						,				~				
1	Ared Jammu & Keahmir (AJK)			11.06		[1, 16]		2.00		0.92		14.83			2.59		
1	!	1	Peak	Officek	Peak	Off-Peak	Ponk	On Peak	Prak	Gff-Peak	Prok	Off-Peak		Pesh	Off-Peak	Peak	Off-Peak
	Time of Day	340.00	18.06	12.31	[3.16]	[1.16]	2.00	2.00	0.92	0.92	19.42	14.27		1.02	2.07		

Note: Tariff under Colum A and ? of Annea. Ill abali remain applicable for one year from the date of notification, Colum C. D. E and ? of Annea. Ill abali arease to exist after one year and only Colum A and B of Annea. Ill abali remain applicable, till the same is superseded by a next notification.

LINE A PROGRAMMENT OF THE PROGRAMMENT OF THE CONTROL OF THE CONTROL OF THE PROGRAMMENT OF

		1												GoP Tar	Il Rationlise	tlen	
		FIXED		UABLE	PYA	2016	Write-e	Charge a	FYA	3017		Veriable	•	lubald y		Sura	perde
Br Xa	TARIFF CATEGORY / FARTICULARS	CHARGEN Re/hW/M		/kWh	Rs.	/kWb	X.	/kWh	Ŗ.	/kWh		irgee (kWh	FIXED CHARGES R=/LW/M	СН	RIABLE ARGES 4/kWh	CHA	IABLE RGES /kWh
		A		1		C		2		E		,					
J -1	For supply at 66 kV & above and kaving sensuluned lead of 20kW & above	340.00		13.26		(4.16)		2.00		0.92		15.02					
	For supply at 11.33 hV	380.00	!	13.36		11.16		2.00		0.92		16,12		ĺ			
	Fer supply at 66 kV & above	360.00	l	13.36		(1.16)		2.00		0.92		18.02					
(=	Yor supply at 11,33 kV	380.00	1	12.36		(1.16)		2.00		0.92		15.12		1			
į ie	Fer supply at 66 kV & above	360.00		12.26		(1.16)	ļ	2,00		0.92		16.03		1			
ł	Time Of Use		Foab	DIT-Peak	Prek	Off-Peak	Posts	Off-Peak	Peak	Off-Peak	Poak	Off-Penk		Peak	Off-Peak	Post	Off-Peak
J -1(4)	For supply at 66 kV & above and having	ł															
i	sanationed load of 20MW & above	340.00	18.04		(1:16)			2.00	0.92	0.92	19.82	13.97		1	1		1
	For supply at 11,33 kV	380.00	14.06	12.31		(1.16)		2.00	0.92	0.92	19.83	14.07	į	1	l		ĺ
	Fer supply at 66 kV & above	360.00	18.06	12.21	(1.16)			2,00	0.92	0.92	19,82	12.97	1	l .	ì		1
	For aupply at 11,33 kV	380.00		12.31				2.00	0.92	0.92	17.82	14.07	l	1	ŀ	1	ł
J.3 14	1 For supply at 66 kV & above	360.00	18,06	12.21	(1.16)	[1.16]	2.00	2.00	D.92	D.92	19.82	13.97	Į.	1	1	1	1

Hote: Tariff under Colum A and Y of Annea-III shall remain applicable for one year from the date of netification. Colum C. D. E and Y of Annea-III shall remain applicable. Ill the same is superceded by a next polification.

Reto:
\* Resigns-Bellum Surcharge\* at the rate of Rs. 0.10/kWh applicable on all electricity consumers enable lifetime demands consumers of the setegory "Residential &-1" for electricity sold.
\* Financing Cost Surcharge\* of the rate of Rs. 0.43/kWh applicable to all the of electricity consumers except lifetime dementic consumers of the entegory "Residential &-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

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.036)} \times AFI(T)$$
 Paisa/kWh

ii) Where only 11 kV distribution systems is involved.

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.13)} \times AFI(D) \cdot Paisa/kWh$$

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

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.164)} \times AFI(TD)$$
 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 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 PESCO for the FY 2015-16.

TARIFF COMPONENT	Assessed Cost FY 2015-16	ADJUSTMENTS/ ASSESSMENT	TIME LINES
POWER PURCHASE PRICE			٠
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 PESCOnot later than 10th July and 10th January, as the case may be.
Capacity Charges	26,289	Biannually, as per the approved mechanism.	Request to be furnished by the PESCOnot later than 10th July and 10th January, as the case may be.
Use of System Charges	3,352	Biannually, as per the approved mechanism.	Request to be furnished by the PESCOnot later than 10th July and 10th January, as the case may be.
T&D Losses	31.95%	Biannually, as per the approved mechanism.	Request to be furnished by the PESCOnot later than 10th July and 10th 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.
A: Power Purchase Price (PPP) Adjustment	
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: Prior Year Adjustment (PYA)	, e
PYA to be recovered/(passed on) as per redtermination 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)
C: Impact of Negative Monthly FCA's	
Negative FCA Retained (Life Line, Agri and Domestic Consumers upto 300 units)	(10,856)
Net Subsidy, if any	29,500
FCA amount to be passed on to the consumers	
Total Adjustment = A+B+C	(1,886)

- II. The impact of negative PYA amount of Rs.9,077 million already built in PESCO's redetermination 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 adjustmentswhich 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

Fuel Price variation = Actual Fuel Cost Component - 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.

### 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;

Quarterly/Biannual PPP (Adj) = PPP(Act) (excluding FCC)-PPP(Ref) (excluding FCC) (1-T&D Loss %) – (Life line Consumption %)

### Where:

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.

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 (Adj)

### Where;

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.

### Peshawar Electric Supply Company Limited (PESCO) Estimated Sales Revenue on the Basis of New Tariff

	Sai	es		<del></del>				PYA 2	016	Writ	te off	PYA	2017	Tota	
Description	GWh	% Mix	Fixed Charge	Revnue Variable	Total	Base 1	Variable	Amount	Variable	Amount	Variable	Amount	Variable	Fixed	7 1a
				Charge Min. Rs.		Rs /ksV/ M	Charge RsJ kWh	Min. Rs.	Charge Rs./ kWh	Min. Rs.	Charge RsJ kWh	Min. Rs.	Charge	Charge	يا
Residential						(71		N.	4140	antie (CS.	hyva	mm, H\$,	Rs./ kWh	Rs./kW/ M	R
Up to 5C Units	276	3 40%	· 1	1,104	1,104	T	4 00	•	-	-	-	•			Т
For peak load requirement less than 5 kVV 01-100 Units	1782	21 96%		21,498	21.498		12 08		,,	اا					
101-200 Units	752	9 27%	-	11,703	21,498 11,703		15 56	(2.067) (872)	(1 16) (1.18)	3,564 1,504	2.00 2.00	1.539 684	0 9 2 0 9 1		
201-3C0 Units	790	9.73%	-	12,318	12,318		15 60	(908)	(1.15)	1,619	2.00	719	091		
301-7C0Units	469	5.78%	·	7,951	7,951		18 95	(539)	(1.15)	982	2.05	427	0.91		
Above 700 Units For peak toac requirement exceeding 5 kW)	136	1.67%	'	2,449	2,449		18 02	(152)	(1.12)	279	2.05	124	- 091		1
Time of Use (TQU) - Peak	49	0 61%	.	889	869	- 1	1800	(57)	(t 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 Total Residential	4,430	0 00% 54.58%	<u> </u>	50,112	50,112		18 08	(0)] (4,800)	(1.16)	8,377	2.00	3,800	0 92		L
Commercial - A2								(-,000)				3.800			
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		T
For peak load requirement exceeding 5 kV/	ا ا							_ 1							
Regular Firme of Usic (TOU) - Peak	8 92	0 08%	10	83 1.667	92 i 1,667	400	13.51 18.06	(7) (107)	(1.16) (1.18)	12 185	2 00 2 00	6 85	0.92 0.92	400	
firms of Use (TOU) - Off-Peak	370	4 56%	794	4.833	5,428	400	1251	(430)	(1 16)	741	200	341	092	400	
Temporary Supply	2	0 03%	لينسا	41	41	L	18.08	(3)	(1.16)	5	2.00	2	0 92		上
Total Commercial	733	9.03%	803	11,149	11,952			(850)		1,485		674			
General Services-A3	243	3.00%		3,411	3,411	I	14.01	(282)	(1.16)	487	2.00	224	0.92		T-
Industrial								/1						<del></del>	-
BI	25	0.31%	· 1	338	338	1	13 58	(29)	(1.16)	50	2.00	23	0.92		Τ
81 Peak 81 On Peak	31 1 <b>58</b>	0 38%	:	562 1,953	562 1 953		18 08 12 51	. (36) (181)	(1 18) (1 16)	82 312	2 00 2 00	29 144	0 92 0 92		
U2	6	0 07%	10	75	85	400	13,08	(7)	(1 16)		2.00	144	0 92	400	
U2 - TOU Peak)	76		1 .	1,375	1,375		18.06	(88)	(1 15)	152	2.00	70	0.92		1
B2 - 1 OU √0ff-peak) B3 - TOU (Peak)	468 66	5,77% 0.82%	1.217	5.785 1.198	6.963	400	12 31 18.08	(543)	(1 15)	937 133	2 00	431	0.92	400	
B3 - TOU (Off-peak)	724	0.82% 8.92%	785	8,840	1,198 9,626	380	12.21	(77) (840)	(1.16) (1.16)	1,448	2 00 2 00	81 665	0 92	380	
B4 - TOU Peak)	59	0.73%		1,085	1,065	1	18 06	(68)	(1:15)	118	2 00	54	0 92		
B4 - TCU - Off-peak)	425	5 27% 0 00%	461	5,179	5.640	360	12.11	(496)	(1 16)	855	2.00	393	0.92	360	
Temporary Supply Total Industrial	2,019	25.13%	2,474	26,351	28,825	<u></u>	13 58	(2,366)	(1.18)	4,079	2 00	1,876	0.92		
Single Point Supply for further distribution			-1												
C1(a) Supply at 400 Volts-less than 5 kW	0	0 00%	- 1	5	5		14 08	(0)	(1 16)		2 00	0	0 92		Т
C1(b) Supply at 400 Volts-esceeding 5 kW	31	0 38%	28	423	450	400	13 58	(36)	(1.16)	,42	2 00	29	0 92	400	
Time of _se (TOU) - Peak Time of _se (TOU) - Off-Peak	14 59	3 17% 3 72%	90	253 732	253 822	400	18 08	(18)	(1 15) (1 16)	. 117	2 00	13	0 92 .	400	
C2 Supply at 11 kV	23	0 28%	20	303	323	380	13:36	(28)	(1 16)	45	2 00	21	0 92	380	
Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak	28 122			475 1,498	475 1 046	380	16 06 12 31	(30)	(1.16) (1.16)	53 243	. 200	24 112	0 92	380	
C3 Supply above 11 kV	0	0.00%				380	13 26	(141)	(1 16)	• - •	200		0 92	360	
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  Total Single Point Supply	15 292	3,50%	1	178 ] 3,912	4,221	360	12.21	(17)	(1.18)	29 584	2 00	13 268	0 92	386	Į.
Agricultural Tubo-wells - Tariff D					7,041			(224)	. **1						
Scarp	4			57	57	1	13 56	(5)	(1 (6)		2 00	4	0 92		Τ
Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak	5	0.01%		16 84	16 72	200	18.08 12.51	(1) (8)	(1 18) (1 18)		200	1 5	0 92 6 92	200	
Agricultual Tube-wells	21			278	342	200	13 08	(25)	. aq: 10) (1.16)	1	200	20	0.92	200	
Time of Use (TOU) - Peek	10	0 12%		178	178		18 06	(11)	(1 15)	20	2 00		0.92		١.
Time of Fise (TOU) - Off-Peak Total Agricultural	1 45	1,06%		559 1,151	1,325	200	(2.51	(52) (100)	(1 18)	172	2 00	. 79	0 92	200	1
Public Lighting	13			175	175	1	13 00	(16)	(1 16)	27	2 00	12	0.92	T	Τ
Read Colon aft to ind	3	0.03%		37	37	[· ]	13.00	(3)	(1 18)	} <b>*•</b> 8	2 00	3	0 92		
Special Contracts - AJK	31	1		56 <i>2</i>	1 582	380	13.06	(0) (36)	(1 16) · (1 16)		200	29	0 92	360	1
Tune of the TOUR Dear		1 0 30%		3.068	3 362	380	12.51	(284)	(1 16)	-	200		0 92	360	
Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak	245	3 02%	237					(339)		545		269			
Time of Use (TOU) - Off-Peak Sub-Total		3,61%		3,843	4,137			12201							
Time of Use (TOU) + Off-Peak Sub-Total Special Contract + Tariff-J	245	3,61%	. 294	3,843	4,137	740	1170	· · · · · · · · · · · · · · · · · · ·			3.00		1 000	180	1
Time of Use (TOU) - Off-Peak Sub-Total	245		294	3,843	4,137	350	13 26 15 06	. (334)	. (1 16) (1 15		2 00 2 00	<del></del>	0 92	360	7
Time if Use (TOU) - Off-Peak Sub-Total Spocial Contract - Tariff-J  J-1 For Suiply at 66 kV & above - Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak	245	0 00% 0 00% 0 00%	294	3,843	-	380	15 06 12 21		(† 15) †1 18		2 00 2.00	:	0 92 0 92	360	,
Time of Use (TOU) - Off-Peak  Sub-Total  Special Contract - Tariff-J  J-1 For Supply at 66 kV & above - Time of Use (TOU) - Peak  J-2 (a) For Supply at 11, 33 kV	245	0 00% 0 00% 0 00% 0 00%	294	3,843	:	1	15 06 12 21 13,38	:	(† 16) (1 18) (1 16)		2 00 2 00 2 00		0 92 0 92 0 92	1	,
Time if Use (TOU) - Off-Peak  Sub-Total  Spocial Contract - Tariff-J  J-1 For Supply at 66 kV & above - Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak	245	0 00% 0 00% 0 00%	294	- - -	-	380	15 06 12 21		(† 15) †1 18		2 00 2.00		0 92 0 92	380 380	
Time of Use (TOU) - Off-Peak  Spocial Contract - Tariff-J  J-1 For Supply at 66 kV & above - Time of Use (TOU) - Peak  Time of Use (TOU) - Off-Peak  J-2 (a) Fo Supply at 11, 33 kV  Time of Use (TOU) - Peak  J-2 to For Supply at 10 kV & above  J-2 to For Supply at 66 kV & above	245	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	294	- - - - - -	-	380 380	13 06 12 21 13.36 15.06 12 31 13 26		(† 16; †1 18; (1 16; (1 16; (1 16; 11.16;		2 00 2 00 2 00 2 00 2 00 2 00 2 00		0 92 0 92 0 92 0 92 0 92 0 92	380 380 380	
Time of Use (TOU) - Off-Peak  Sub-Total  Special Contract - Tariff-J  Ji For Suiply at 66 kV & above - Time of Use (TOU) - Peak  Time of Use (TOU) - Off-Peak  J-2 (a) For Supply at 11, 33 kV  Time of Use (TOU) - Off-Peak  J-2 (b) For Supply at 10, 33 kV  Time of Use (TOU) - Off-Peak  J-2 (b) For Supply at 66 kV 3 above  Time of Jse (TOU) - Peak	245	3,61% 0,00% 0,00% 0,00% 0,00% 0,00% 0,00% 0,00%	294	- - -	-	380 380 380 360	18 06 12 21 13,36 15,06 12 31 13 26 18 06		(1 16) (1 18) (1 16) (1 16) (1 16) (1 16) (1 16)		2 00 2 00 2 00 2 00 2 00 2 00 2 00 2 00		0 92 0 92 0 92 0 92 0 92 0 92 0 92	380 380 380 380	
Time of Use (TOU) - Off-Peak  Spocial Contract - Tariff-J  J-1 For Supply at 66 kV & above - Time of Use (TOU) - Peak  Time of Use (TOU) - Off-Peak  J-2 (a) Fo Supply at 11, 33 kV  Time of Use (TOU) - Peak  J-2 to For Supply at 10 kV & above  J-2 to For Supply at 66 kV & above	245	0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	294	- - - - - -	-	380 380 380	13 06 12 21 13.36 15.06 12 31 13 26		(† 16; †1 18; (1 16; (1 16; (1 16; 11.16;	-	2 00 2 00 2 00 2 00 2 00 2 00 2 00		0 92 0 92 0 92 0 92 0 92 0 92	380 380 380 380	
Time of Use (TOU) - Off-Peak  Spocial Contract - Tariff-J  J-1 For Sumply at 66 kV & above - Time of Use (TOU) - Peak  Time of Use (TOU) - Off-Peak  J-2 ta; For Supply at 11, 33 kV  Time of Jise (TOU) - Off-Peak  J-2 tb; For Supply at 11, 33 kV  Time of Jise (TOU) - Off-Peak  J-2 tb; For Supply at 66 kV & above  Time of Jise (TOU) - Peak  Tenu of Jise (TOU) - Peak  Tenu of Jise (TOU) - Off-Peak  J-3 (e) For Supply at 11, 33 kV  Time of Jise (TOU) - Peek	245	3,61% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	294	- - - - - -	-	380 380 360 360 380	18 06 12 21 13.36 15.06 12 31 13 26 16 06 12.21 13 36 16 06		(1 16) (1 18) (1 16) (1 16) (1 16) (1 18) (1 18) (1 18) (1 18) (1 18)		2 00 2 00 2 00 2 00 2 00 2 00 2 00 2 00		0 92 0 92 0 92 0 92 0 92 0 92 0 92 0 92	380 380 380 380 380	
Time of Use (TOU) - Off-Peak  Sub-Total  Special Contract - Tariff-J  J-1 For Sulphy at 66 kV & above - Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak J-2 (a) For Sulphy at 11, 33 kV Time of Use (TOU) - Off-Peak J-2 (b) For Sulphy at 66 kV & above Time of Jse (TOU) - Off-Peak J-3 (b) For Sulphy at 66 kV & above Time of Jse (TOU) - Off-Peak J-3 (e) For Sulphy at 11, 33 kV Time of Jse - TOU) - Off-Peak J-3 (e) For Sulphy at 11, 33 kV Time of Jse - TOU) - Off-Peak Time of Jse (TOU) - Peak	245	3.61% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	294		-	380 380 380 360 380 380	13 06 12 21 13.38 15.06 12 31 13 26 18 06 12 21 13 36 16 06 12 31		(1 16) (1 18) (1 16) (1 16) (1 16) (1 16) (1 16) (1 18) (1 18) (1 18) (1 18) (1 18)		2 00 2 00 2 00 2 00 2 00 2 00 2 00 2 00		0 92 0 92 0 92 0 92 0 92 0 92 0 92 0 92	380 380 380 380 380 380	
Time of Use (TOU) - Off-Peak  Sub-Total  Spocial Contract - Tariff-J  J-1 For Supply at 56 kV & above - Time of Use (TOU) - Peak  Time of Use (TOU) - Off-Peak  J-2 ta; For Supply at 11, 33 kV  Time of Use (TOU) - Peak  Inne of Use (TOU) - Off-Peak  J-2 tb; For Supply at 66 kV 5 above  Time of Use (TOU) - Off-Peak  J-3 to For Supply at 61 kV 5 above  Time of Use (TOU) - Off-Peak  J-3 (er For Supply at 11, 33 kV  Time of Use (TOU) - Peak	245	3,61% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%	294		-	380 380 360 360 380	18 06 12 21 13.36 15.06 12 31 13 26 16 06 12.21 13 36 16 06		(1 16) (1 18) (1 16) (1 16) (1 16) (1 18) (1 18) (1 18) (1 18) (1 18)		2 00 2 00 2 00 2 00 2 00 2 00 2 00 2 00		0 92 0 92 0 92 0 92 0 92 0 92 0 92 0 92	380 380 380 380 380 380 380	

Total Revenue \$.116 100.00% 4,055 109,928 113,982 (9,077) 18,748 7,191

Tarriff mentioned under Column "Total Tarriff" shall remain applicable for a period of one year (rom the date of notification. After one year PYA 2016, Write-off and PYA 2017 shall cease to exist and only tarriff 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	Totai
Units Purchased by DISCOs (GWh)	1,259	1,266	1,175	1,061	976	975	840	821	802	722	940	1,088	11,926
						<u> </u>		L					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	<b>4.9</b> 927	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		2.3110	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	0.2993	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	10.5910	8.9620	9.8421	9.7016	8.2157	7.7473	8.3089
	<u></u>				· ·		•						
			•		•		· .						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 cantinue 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 of 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:

	* PEAK TIMING	OFF-PEAK TÏMING
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- <sub>.</sub>
June to Aug (inclusive).	7 PM to 11 PM	-do-
Sept to Nov (inclusive)	6 PM to 10 PM	-do-

<sup>\*</sup> 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 inetering arrangement and shall be billed on the basis of tariff A-l(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 artangement 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-I 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-I(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 tubewells 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, or chards, 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 reconnected 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.

[Tariff-2015-16]

(Syed Mateer Ahmed) Section Officer (Tariff)

### Government of Pakistan Ministry of Energy

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

### NOTIFICATION

S.R.O. 30 (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 ADEAS ELECTRIC SUPPLY COMPANY LIBITED (TESCO)

### A.I. GENERAL SUPPLY TARIFF. RESIDENTIAL

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## Schedule of electricity tariffs for tribal areas electric supply company logitizintesco

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Setter The commany bering monthcoad load how that S MF can ope for TOU mearing.

Setter The commany has been considered to the command of

		FLXXX			1			•	of Tariff Rationiise	ties
Br. IIa		CHARGES Rs/SW/M	VARIABLE CHARGES	PTA 2016 Ro/hWh	Witte-off Charges Ra,'hWh	PVA 2017	Total Variable Charges	PINED CHARGES Ro/hW/M	VARIABLE CHARGES Be/hWh	PARIABLE CHARGES
		Α		c				Ha/AW/H	24/AWS	Re/kWb
T-100 Re	onbioutial Supply		15.30	9.70						
E-LIMI CO			18.30	8.70		0.43 0.43	16.43			8.63
E-2 la-	durini Supply		11.30	0,70		0,43	12.43			6.92 7.42

For the enterprise of A-timing above, the minimum will of the occuminors shall be Re. 30/- per day subject to a minimum of Re. 300/- for the matter period of cappit, over if no ountry in

command.

Actor Triff moder Colum A wed F of Annex-III shall remain applicable for one year from the date of autification, Colum C, D, E and F of Annex-III shall present a salet after one year and only Colum A and E of Annex-III shall remain applicable, LIE the same is experienced by a next untilication.

### Section (Control of the Control of t

Total Trust-F consumers will have the option to convert in Repulse Tariff and vice serie, This option can be.

Once considered, the option removing to force for at least one year.

	Control of the state of the sta														
Br. Ha.	TARIFF CATEGORY / PARTICULARS	FIXED	TARIABLE CHARGES	PTA 2016	Write-off Charges	PTA 2017	Total Variable Charges	Gof Teriff Rationlineties  Polesidy Surchard							
		Re/kW/M	Re/hWh	Ri/AVA	Re/AWA	Re/hWh	Re/AWA	CHARGES	VARIABLE CHARGES	CHARGES					
		A		<u>'</u>	B		- RE/AWE	見がを取り回	Re/hWh	Ze/hWb					
	Percot Lighting		11.30	0.70		0,43	12.49	<del></del>		2.57					

Noter Tariff under Colum A and F of Annea-III shall remain applicable for one year from the date of notification, Colum C, D, E and F of Annea-III shall come to asket after one year and only Colum A and E of Annea-III shall come to asket after one year and

	n en de hebro dominier blein boak oordet ball is	**** NE • RE	COLORDA A	TACHEDATO LIGHTELL	ii. Pyrii Arrimai 1960 p. (191		والمساورة المرادية المرادية	Park of the	الرشواة وإستاداته الماء	instruction (def)	
90. No.	TARIFF CATEGORY / PARTICULARS	PIXED	VARIABLE CHARGES	PYA 2016	Wille-off Charges	FTA 2017	Total Yarishle Charms	Que Pari	Persharge		
		CHARGES				F 1A 2017	TOTAL Variable Charges	FIXES	VARIABLE	PARIABLE	
		HOLF ALM	Re/LWL	R./bWb	Ra/hWh	Re/hWh	Re/hWh	Re/LW/M	Re/hWh	Re/EWS	
<del></del>	Rouidvetini Colonies attached to industrial	-		СС	D						
L	gradus		11.30	0.76		0.43	12.43	•		2.57	

rio: Turiff nader Coines A und F of Annon-II) abolt revents application for one year from the date of wellfan Ny Coines A 200 B of Annon-III abolt remain applicable, 138 the same is experented by a west notification.

•	He.	TARIFF CATEGORY / PARTICULARS	FIXED	i <b>_</b>						•				. Gof Tariff Rationingston						
1			CHARGES	VARIABLE	CHARGES	PYA 2016		Write-off Charges		PTA 2017		Total Turishie Charges		Pubaid		My	4y		Bareberge	
L			Re/hW/M	Rs/	k W h	Re/	Re/hWh		t Wh	Re/hWh		Re/kWa		Re/hW		WARIA.			148LE /197	
1			A						3	1		1		100						
J -1		For supply at 66 kV is above and horing startioned lead of 2001W it above	360.00		11.00		0.70				9.43		13.12							
		For capping at 11,23 kV F== capping at 66 kV & above	340,00 340,00		11,10		6.70				6,43		12.33				- 1			
3.3										0.43		12.13		1.,			- [			
1		For empty of 11,38 hV	340.00	1	11.14	}	6,70				0.43		12.23	١			- 1			
1	M	For empty of 66 kV & above	340.00		11.00	8.7		•		8.43		12.13		[ ]	- 1		- 1			
1		These Of Use	ľ	Ponh	Off-Feek	Posh	Off-Prak	Peak	Qff Fook	Prok	Off-Peak	Prob	Off-Peak	•	_ h		W.Push	Post	Off-Punk	
J -1	M	For supply at 66 kV & above and horizon	1 .											١.	<u> </u>				******	
1		processed lead of 2006 W & above	340.00	18.30	18.64	6.71	4.76			8.43	8,43	16.43	. 11.43	١ ٠٠	- i		- 1	- 1		
3.3		For empoly at 11,38 bY	300,00	18.30	18.60	6,70	0.70			0.43	0,43	10.43	11,73	ţ .	- 1	· í	- 1	- 1		
3-2	<b>H41</b>	For empply IX 64 hT is above	340.00	16.30	10.54	8.70	0.70			0.43	0.43	10.43	11.63		- 1	i	•	- 1		
5-3	<b>H</b>	For expets at 11,38 hV	340.00	18.30	15.66	0,76	0.70			9,43	6.43	16.43	11.72	ł	- 1		ł			
رديا	<u> </u>	For supply of 66 hV is above	340.00	18.30	10.00	6.70	6.70		1 .	0.43	0.43	16.43	11.43	١.	- 1		ŀ	- 1		

Seter Twiff under Column A and F of Annual II shall remain applicable for one year from the date of netification, Column C, D, E and F of Annual II shall remain applicable for one year fad only Colom A and E of Annual II shall remain applicable, till the man is improveded by a next netification.

### 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 ElectricitySupply 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  $UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.04)} \times AFI(T) \quad Paisa / kWh$
    - ii) Where only 11 kV distribution systems is involved.  $UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.05)} \times AFI(D) \quad Paisa / kWh$

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

$$UOSC = DM(Gross) \times \frac{(1-L)}{(1-0.09)} \times AFI(TD) \quad Paisa/kWh$$

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 <b>provided</b> 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 10th July and 10th January, as the case may be				
Capacity Charges	4,299	Biannually, as per the approved mechanism.	Request to <b>be furnished</b> 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 10th July and 10th 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.
	A: Power Purchase Price (PPP) Adjustment	
	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: Prior Year Adjustment (PYA)	
	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
	C: Impact of Negative Monthly FCA's	
	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></b>		
•	Total Adjustment = A+B+C	1,308

- 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 consumerend tariff of TESCO.
- III. After incorporating the above amount in the Authority's determination dated August03, 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 August03, 2017, for TESCO. 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 regarding XWDISCOs, except TESCO & QESCO (as no reconsideration request was submitted by the GoP in the matter of TESCO), prescribed amechanism for calculation of the quarterly/ biannual adjustmentswhich 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

Fuel Price variation = Actual Fuel Cost Component - 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.

# 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;

Quarterly/Biannual PPP (Adj) = PPP(Act) (excluding FCC)-PPP(Ref) (excluding FCC) (1-T&D Loss %) – (Life line Consumption %)

Where:

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.

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 (Ad)

Where:

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.

# TRIBAL AREAS ELECTRICITY SUPPLY COMPANY LIMITED (TESCO) Estimated Sales Revenue on the Basis of New Tariff

Description	Sale	•	Revnue		Base Tariff		PYA 2016		Wri	ite off	off PYA 2		Total	Total Tarifi	
	GWh	% Mix	Fixed Charge	Variable	Total	Fixed Charge	Variable	Amount	Variable	Amount	Variable	Amount	Variable	Fixed	Va
ridential .				Min, Rs.		Rs./kWi M	RsJkWh	Min. Rs.	Rs J kWh	Min. Rs.	RaJkWh	Min, Rs.	RaJ kWh	Rs./kW/ M	Rs.
sidential															_
Up to 50 Units	11	0.93%	1 · [	43	43	, 7	4.00	. 7	-			1			
or peak load requirement less than 5 kW	ŀ	1	1	J	` \	į l	·		l	, I	1	j i	1 I	1	)
01-100 Unis	247	21.28%	, -	2,673	2,673	, 1	10.80	173	0.70	· • [		106	0.43	1 [	
101-200 Units	139	11.91%	-	1,815	1,815	, 1	13.10	97	0.70		-	60	0.43	ı j	ı
201-300 Units	220	18.66%		3,094	3,094	, 1	14.09	155	0.71	•		94	0.43	1 }	1
301-700Units	251	21.50%	-	3,638	3,638	į l	14.48	181	0.72			106	0.42	1	1
Above 700 Units	125	10.72%	-	1,906	1,906	1	15.29	88	0.71		1 -	54	0.43	1	
r peak load requirement exceeding 5 kW)	_1		l (	- 1	' i	ı l	· l	1	1	, 1	<b>!</b>	1	ı i	1	i
Time of Use (TOU) - Peak	0		, , ,	-	٠	1 1	15.30		0.70	.		-	0.43	1 J	ļ.
Time of Use (TOU) - Off-Peek	0) 01	0.00%		1)	1	į į	10.80	0	0.70		•	0	0.43	1	1
Temporery Supply			لـنـــا	13.169			15.30	01	0.70	لـــــا	<b></b>	0	0.43		_
Total Residential	992	85.31%	•	13,169	13,169			696		•		420	_ <del>-</del>		-
nmercial - A2			,									····			_
peak load requirement less than 5 kW	7	0.57%	-	102	102	, ¬	15.30	5	0.70	, 🗔	1	3	0.43		_
peek load requirement exceeding 5 kW	j		į J	1	١ ،	į l	ļ j	1		, j	•	ן ו	1	1	
Regular	0			1	٠ .	400	13.30	·	0.70		1	-	0.43	400	!
Time of Use (TOU) - Peak	0	0.00%	.		٠,	1	15,30		0.70	-		.	0.43		ļ
Time of Use (TOU) - Off-Peak	٥	0.00%	0	0	0	400	10.80	0	0.70	•		0	0.43	400	1
Cemporery Supply	0	0.00%	<u> </u>		<u> </u>	<u> </u>	15.30	لــــا	0.70	لنسل	<u> </u>	أخسا	0.43		L
Total Commercial	7	0,57%	0	102	102			5		•		3			_
neral Semices A3								<del></del>			<del></del>				
neral Services-A3	35	3.00%	<u></u>	527	527	<u> </u>	15,10	24	0.70	<u> </u>	L:	15	0.43	i	L_
ustrial						·	<del></del>								_
B1 Pank	11		-	120	120	1 7	11.30	7	0.70	ı • ¯		5	0.43	, 7	١
B1 Peak	0		1 : 1		•	( )	15.30	•	0.70	•	-	1 .	0.43	, l	1
B1 Off Peak	0		, - l	1	•	1	10.80	, - 1	0.70	•		-	0.43	ı l	١
82 83 TOU (Read)	15		27	162	189	400	10.80	10	0.70	į - i	} •	0	0,43	400	1
B2 - TOU (Peak)	0		-	- [	ι -	1 1	15.30	, . 1	0.70	•		1 .	0.43	, 1	į
B2 - TOU (Off-peak)	0		-			400	10.60	-	0.70	1 .	1 .	•	0,43	400	1
83 - TOU (Pesk)	13		1 1	206	206	} }	15.30	ا و	0.70	1.		8	0.43	1 1	!
B3 - TOU (Off-peak)	27	2.35%	45	288	333	380	10.50	19	0.70	1 - 1	١ .	12	0.43	380	١
B4 - TOU (Peak)	0			-		1	15.30	[ -, l	0.70	Total		•	0.43	\$ }	١
84 - TOU (Off-peak)	0		- 1	- 1	•	380	10.40	1	0.70	[ · • ]	1 .	[ • 1	0.43	360	ĺ
Temporary Supply	0		لنـــا	0	0	<u></u>	11.30	<u> </u>	0.70		<u></u>	0	0.43	<b></b>	
Total Industrial gle Point Supply for further distribution	66	5.7 2%	72	778	848			47		. •		29			-
C1(a) Supply al-460 Votts-less than 5 kV							<del></del>	7.1	<del></del>	1	E	<del></del>	,	·	,
	1	0.07%		9	9		11.80		0.70		ļ ·	0	0,43	, .l	1
C1(b) Supply at 400 Volts-exceeding 5 kW	7			80	93	400	11.30	5	0.70	-	•	3	0.43	400	1
Time of Use (TOU) - Peak	0			!		11	15.30	, , ,	0.70	•	٠.	1	0.43	ا ا	١
Time of Use (TOU) - Off-Peak	0			)		400 380	10,80	)	0.70	·  -	:	:	0.43	400 380	ļ
C2 Supply at 11 kV Time of Use (TOU) - Pask	0	0.00%		!		360	11.10	[ ]	0.70	1 1	:	1 :	0.43	300	١
Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak	0	0.00%		' <u> </u>	1 :	380	15.30	i : 1	0.70	1		1 :	0.43	380	1
C3 Supply above 11 kV	0	0.00%		' [ ]	t :	380	11.00	( : 1	0.70		( :		0.43	380	1
Time of Use (TOU) - Peak	٥	1	1 1	-	1 :	300	15.30		0.70				0.43		1
Time of Use (TOU) - Peak	0		1 1	1	ι :	360	10.50	,	0.70			1 .	0.43	380	
Total Single Point Supply	8			90	102			6						/	_
ricultural Tube-wells - Tariff D	-														_
Scarp	0	0.00%				1	11.30	<u> </u>	0.70	-3	· ·	T :	0.43		Γ
Time of Use (TOU) - Peak		0.66%	.	117	117	1 1	15.30	5	0.70			3	0.43	1 1	1
Time of Use (TOU) - Off-Peak	1 8	0.66%		80	105	200	10 50	5	0.70		1 .	3	0.43	200	1
Agricultual Tube-walls	ŏ	0.00%	,		-	200	10.60		0.70			١.	0.43	200	١
Time of Use (TOU) - Peak	20	1.70%		302	302	1	15.30	14	0.70		١.			ا ہے ا	1
Time of Use (TOU) - Off-Peak	20	1.70%	64	207	271	200	10.50	14	0,70		<del></del>	B	0.43	200	ـــا
Total Agricultural	5.5			707	795		<del></del>	38	0.76	<del></del>	<del> </del>	24	T 7.2	<del></del>	Г
olic Lighting - Tantf G	9	}	1	1 -		1	11,30	1	0.70	1	1.	1	0,43	1	l
Tanff t- Railway Traction	0				ι .	i .	t		<del></del>	• • •	<del></del>		•	• (	
Sub-Tolal	•	0.00%	•	•	•			•		•		•			
ecial Contract - Tariff-J			<del> </del>			360	11.00	T	0.70	1 - 1	Τ	T :	0.43	360	Т
J-t For Supply at 66 kV & above	٠.	0.00%		( -		360	11.00	1 .	0.70			1 -	0.43		1
Time of Use (TOU) Peak .		0.00%		( -		380			0.70		1· -	1 :	0.43		1
Time of the (TOIR ONE	1	0.00%		1 :		380	1		0.70		1	1 .	0 43	380	1
Time of Use (TOU) - Off-Peak		0.00%			-	1 300	15.30		0.70			:	0.43	]	ļ
J-2 (a) For Supply at 11, 33 kV	1				1	380	l .		0.70			1 .	0.43	380	
J-2 (a) For Supply at 11, 33 kV Time of Use (TOU) - Peak	1 :	0.00%			1	360	1	4	0.70				0.43	360	
J-2 (a) For Supply at 11, 33 kV Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak		0.00%	•l	. •	1	1 300	t5,30	1	0.70	1 .	1 -	1 -	0.43	.}	ł
J-2 (a) For Supply at 11, 33 kV Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak J-2 (b) For Supply at 66 kV & above	1	0.00%	1	1						· I	1	1		1	1
J-2 (a) For Supply at 11, 33 kV Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak J-2 (b) For Supply at 66 kV & above Time of Use (TOU) - Peak	1	0.00%	• ·			***	10.00	1	0.70	/ 1		-	0.43		1
J-2 (a) For Supply at 11, 33 kV Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak J-2 (b) For Supply at 66 kV & above Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak	1	0.00% 0.00% 0.00%		:		360 380	1		0.70			1 :	0.43		
J-2 (a) For Supply at 11, 33 kV Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak J-2 (b) For Supply at 66 kV & above Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak J-3 (a) For Supply at 11, 33 kV	1	0.00% 0.00% 0.00%			:	360 380	1			) -			0.43 0.43	380	
J-2 (a) For Supply at 11, 33 kV Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak J-2 (b) For Supply at 66 kV & above Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak J-3 (a) For Supply at 11, 33 kV Time of Use (TOU) - Peak	1	0.00% 0.00% 0.00% 0.00%				380	11,10 15.30	1	0.70				0.43 0.43 0.43	380 380	
J-2 (a) For Supply at 11, 33 kV Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak J-2 (b) For Supply at 66 kV & above Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak J-3 (a) For Supply at 11, 33 kV Time of Use (TOU) - Peak Time of Use (TOU) - Peak Time of Use (TOU) - Peak	1	0.00% 0.00% 0.00% 0.00% 0.00%		-			11,10 15,30 10,60	-	0.70 0.70				0,43 0,43 0,43 0,43	380 380 360	
J-2 (a) For Supply at 11, 33 kV Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak J-2 (b) For Supply at 66 kV & above Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak J-3 (a) For Supply at 11, 33 kV Time of Use (TOU) - Peak Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak J-3 (b) For Supply at 66 kV & above	1	0.00% 0.00% 0.00% 0.00% 0.00% 0.00%		-	:	380 380	11,10 15,30 10,60	-	0.70 0.70 0.70				0.43 0.43 0.43 0.43 0.43	380 380 380	
J-2 (a) For Supply at 11, 33 kV Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak J-2 (b) For Supply at 65 kV & above Time of Use (TOU) - Peak Time of Use (TOU) - Off-Peak J-3 (a) For Supply at 11, 33 kV Time of Use (TOU) - Peak Time of Use (TOU) - Peak Time of Use (TOU) - Peak	1	0.00% 0.00% 0.00% 0.00% 0.00%		-	:	380 380	11,10 15,30 10,60 11,00 15,30	- - - -	0.70 0.70 0.70 0.70				0,43 0,43 0,43 0,43	380 380 380	

1,163 100% 173 15,370 15,542 809 - 499

antif mentioned under Column 'Total Tariff' shall remain applicable for a period of one year from the date of notification. After one year PYA 2018, White-off and PYA 2017 shall cease to exist and only 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, White-off and PYA 2017 shall cease to exist and only tariff mentioned under Column total Tariff' shall remain applicable for a period of one year from the date of notification.

Total Revenue

# **TESCO Power Purchase Price**

Name	ylut	August	September	October	November	December	January	February	March	April	May	June	Total
Units Purchased by DISCOs (GWh)	115	108	126	145	155	127	<b>10</b> 9	128	114	104	99	104	1,434
				, 1		۰,		1.74					kW
Fuel Cost Component	4.9811	4.7552	5.1217	5.2366	• 5.0497	5, <b>86</b> 19	7.1241	5.7493	6.6429	6.7227	5.2908	4.9927	5.599
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	<b>2.9</b> 973
U5CF .	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	<b>8.287</b> 5	8.5257	8.5163	8.1482	<b>8.17</b> 53	9.3018	11.5327	9.7734	11.3603	10.9621	9.4216	8.3292	9.2874
			-										Rs In Millio
-uel Cost Component	575	514	646	759	785	742	779	735	757	696	525	517	8,030
/ariable O & M	31	29	36	42	45	42	41	41	40	37	30	30	444
pGenCap	311	334	345	335	387	350	396	419	447	356	340	278	<b>4,2</b> 99
JSCF :	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	<b>1,13</b> 5	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:

	* PEAK TIMING	OFF-PEAK TIMING
Dec to Feb (inclusive)	5 PM to 9 PM	Remaining 20 hours of the
day		••
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-

<sup>\*</sup> 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-I 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-l(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-I 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-I 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-l(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 puryiew 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 tubewells 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 reconnected 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
- riii. 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.

[Tariff-2015-16]

(Syed Mateen Ahmed)
Section Officer (Tariff)