

Registrar

National Electric Power Regulatory Authority Islamic Republic of Pakistan

NEPRA Tower, Attaturk Avenue (East), G-5/1, Islamabad Ph: +92-51-9206500, Fax: +92-51-2600026 Web: www.nepra.org.pk, E-mail: registrar@nepra.org.pk

No. NEPRA/R/TRF-100/MFPA/2153-70

February 4, 2019

1.	Chief Executive Officer,	2.	Chief Executive Officer,
	Faisalabad Electric Supply Company	1	Gujranwala Electric Power Company Ltd.
	Abdullahpur, Canal Bank Road	1	565/A, Model Town, G.T. Road,
	Faisalabad		Gujranwala
3.	Chief Executive Officer,	4.	Chief Executive Officer
	Hyderabad Electric Supply Co. Ltd.		Islamabad Electric Supply Co. Ltd.
	WAPDA Offices Complex,		Street # 40, Sector G-7/4, Islamabad.
	Hussainabad, Hyderabad		
5.	Chief Executive Officer,	6.	Chief Executive Officer
	Lahore Electric Supply Company Ltd.		Multan Electric Power Co. Ltd.
	22-A, Queens Road,		MEPCO Headquarter,
	Lahore		Khanewal Road, Multan
7.	Chief Executive Officer,	8.	Chief Executive Officer
	Peshawar Electric Supply Company		Quetta Electric Supply Company
	WAPDA House, Shami Road,		Zarghoon Road, Quetta
	Sakhi Chashma, Peshawar		
9.	Chief Executive Officer,	10	Chief Executive Officer
· ·	Sukkur Electric Power Company Ltd.		Tribal Areas Electricity Supply Company
	(SEPCOL)		Limited (TESCO)
	Administration Block,		Room No. 213, 1 st Floor, WAPDA House,
	Thermal Power Station, Old Sukkur.		Shami Road, Sakhi Chashma, Peshawar

Subject: Decision of the Authority in the matter of Fuel Charges Adjustment for the Month of December 2018 for XWDISCOs along with Notification Thereof

Enclosed please find herewith copy of the decision of the Authority (11 pages) regarding adjustment in fuel charges in respect of Ex-WAPDA Distribution Companies for the month of December 2018 along with its Notification i.e. S.R.O. 179(I)/2019 dated 04.02.2019.

2. XWDISCOs are directed that while charging the fuel charges adjustment from their consumers, the Order of the Honourable Court(s), if any, be kept in mind and ensure compliance with the Order(s) of the Court(s), whatsoever, in this regard. In case of non-compliance of Courts Order the concerned DISCO shall be held responsible for violating / defying the orders of the Honourable Court(s).

Enclosure: <u>As above</u> (Decision al

(Decision along with Notification is also available on NEPRA's website)

Iftikhar Ali Khan)

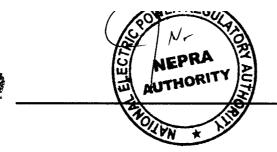
CC:

- 1. Secretary, Ministry of Energy (Power Division), 'A' Block, Pak Secretariat, Islamabad.
- 2. Secretary, Cabinet Division, Cabinet Secretariat, Islamabad.
- 3. Secretary, Ministry of Finance, 'Q' Block, Pak Secretariat, Islamabad.
- 4. Managing Director, PEPCO, 721 WAPDA House, Lahore.
- 5. Member (Power), WAPDA, WAPDA House, Lahore.
- 6. Managing Director, NTDC, 414 WAPDA House, Lahore.
- 7. Registrar, Supreme Court of Pakistan, Islamabad.
- 8. Chief Executive Officer, Central Power Purchasing Agency Guarantee Limited, Shaheen Plaza, 73-West, Fazl-e-Haq Road, Islamabad.



DECISION OF THE AUTHORITY IN THE MATTER OF FUEL CHARGES ADJUSTMENT FOR THE MONTH OF DECEMBER 2018 FOR EX-WAPDA DISCOS

- 1. Pursuant to the provisions of Section 31(7) of the Regulation of Generation, Transmission and Distribution of Electric Power Act 1997, (NEPRA Act) read with the mechanism/formula determined by the Authority in the tariff determinations for Ex-WAPDA DISCOs for the FY 2015-16 and notified in the official gazette, the Authority has to make adjustments in the approved tariff on account of any variations in the fuel charges on a monthly basis.
- 2. In order to make adjustments in the approved tariff of the Ex-WAPDA DISCOs due to variations in the fuel charges for the month of December 2018, necessary information as to the details of the actual fuel charges etc. was obtained from Central Power Purchasing Agency Guarantee Limited (CPPA-G).
- 3. The Authority has gone through the information provided by CPPA-G seeking monthly fuel adjustment and due diligence is done accordingly. From perusal of the information so provided by CPPA-G, the actual pool fuel cost for the month of December 2018 is Rs.6.4975/kWh, against the reference fuel cost component of Rs.5.8619/kWh as indicated in the Annexure-IV of the Authority's determination pertaining to the Ex-WAPDA DISCOs for FY 2015-16. The actual fuel charges, as reported by CPPA-G, for the month of December 2018 increase by Rs.0.6356/kWh (Annex-I&II) as compared to the reference fuel charges.
- 4. Notwithstanding the fact that the monthly adjustment on account of fuel charges variation is made in pursuance of the provisions of section 31(7) of the NEPRA Act as well as on the basis of a mechanism/formula already determined by the Authority in its annual tariff determinations for Ex-WAPDA DISCOS, yet in order to provide an opportunity of hearing to the consumers, the salient features and details of the proposed adjustments in the approved tariff were published in newspapers on January 16, 2019 and also uploaded on NEPRA's Website for information of all concerned.
- 5. The Authority conducted the hearing in the matter on January 24, 2019 at NEPRA Tower, Attaturk Avenue (East), G-5/1, Islamabad. The date of hearing was mentioned in the advertisement published in newspapers and also uploaded on NEPRA's website, whereby participation in the hearing and filing of comments/ objections from any interested person were invited. Separate notices were also sent to the interested / affected parties. In response, written Comments were received from Mr. Syed Akhtar Ali, Ex-Member Energy, Planning Commission.
- 6. On the date fixed for the hearing, representatives from CPPA-G, National Power Control Center (NPCC), NTDC, General Public and media were present; however, no representative from WAPDA Power Privatization Organization (WPPO), Sui Southern Gas Company Limited (SSGCL), Sui Northern Gas Pipelines Limited (SNGPL), Ministry of Energy and Ministry of Finance attended the hearing despite service of notice. Mr. Akhtar Ali, the commentator, also attended the hearing.



- 7. Mr. Ali, in its comments submitted that lower energy generation from Hydro power plants during December 2018 was met by running furnace oil based power plants on the instance of oil refineries which were facing shut downs. He also submitted that there is huge difference between prices of furnace oil quoted by M/s PSO i.e. Rs.70,000/ MTon and M/s Byco Petroleum i.e. Rs.50,000/MTon, effective December 16, 2018. Mr. Ali also mentioned that at BYCO's prevalent prices, furnace oil is 20% cheaper than RLNG. He further highlighted the issue of underutilization of RLNG and coal based power plants. Mr. Ali also opined that merit order needs to be reviewed as it places local gas ahead of Coal, whereas, real value of local gas is equal to RLNG.
- 8. Barrister Asghar Khan, another commentator, also raised the issue of underutilization of Coal and RLNG based plants during the hearing.
- 9. The representative of NPCC regarding operation of furnace oil power plants, submitted during the hearing that due to non-availability of RLNG and delay in supply of coal to Sahiwal Coal plant, owing to foggy weather, furnace oil based plants were operated strictly following the merit order. The Authority directed NPCC/CPPA-G to substantiate its claim through a detailed response on the issue.
- 10. Regarding variation in price of furnace oil quoted by PSO and Byco, the Authority observed that the prices mentioned by Mr. Ali do not provide a true comparison as for PSO, the price of imported furnace oil has been mentioned whereas Byco's price is for the local furnace oil. The Authority also observed that PSO's Ex-Refinery price for local furnace oil is comparable to Byco.
- 11. Here it is also pertinent to mention that while determining the fuel cost component of furnace oil based IPPs, the Authority has considered the local furnace oil prices, thus, consumers have not been burdened with any additional cost.
- 12. Regarding furnace oil being cheaper than RLNG, the Authority noted that with the prevalent prices of local furnace oil vis a vis RLNG as of December 2018, the contention of the commentator is not correct. Here it is also pertinent to mention that price of RLNG imported by Pakistan is linked with the price of Brent Crude Oil, therefore, any reduction in crude oil price will also result in reduction of RLNG price.
- 13. On the point of reviewing the merit order considering real value of gas, the Authority observed that the FCC used while working out the merit order is based on the notified price of gas for the relevant period.
- 14. The Authority noted that as per the data submitted by CPPA-G, XWDISCOs purchased 23.76 GWh were purchased by XWDISCOs from small and captive power plants during December 2018. CPPA-G provided actual details of energy purchased from these plants. According to the details provided by CPPA-G, the actual fuel cost of this energy is Rs.155.03

2



million. However, the same as per the NEPRA rates, works out as Rs.154.83 million, which has been considered while working out the FCA of December 2018.

- 15. It is also pertinent to mention that CPPA-G has reported negative energy from some of these CPP/NCPPs, during the instant month i.e. December 2018 and also during the month of November 2018, meaning thereby that these CPP/ NCPPs have drawn energy from the grid. The total energy drawn by these CPP/ NCPPs during November & December 2018 is around 0.060224 GWh, however, CPPA-G has not reported any cost charged to these CPP/ NCPPs for the energy withdrawn. In view thereof, an amount of Rs.1.1 million has been deducted from the total fuel cost of December 2018 (*Rs.0.586 million for November & Rs.0.552 million for December 2018)*, based on the rates charged for sale to IPPs by CPPA-G for the respective month.
- 16. CPPA-G also claimed an amount of Rs.3,850 million on account of previous adjustments & supplemental charges during December 2018 as detailed below;

Previous Adjustment	Rs. in Mln
JPCL	229
NPGCL	88
Foundation Power	30
Nishat Chunian	1
Engro Energy	22
Fatima Energy	341
QATPL	47
HBS	1,125
Balloki	1,135
Sahiwal Coal	268
КАРСО	27
Supplemental charges	539
Total	3,850

17. Regarding amount of Rs.229 million claimed on account of partial load and NEO shifting charges of JPCL pertaining to October 2018, although, CPPA-G submitted its working, the same needs detailed verification by NEPRA's Technical section. However, as per the initial scrutiny, the Authority observed that the amount claimed by CPPA-G does not reflect the actual amount already allowed by the Authority to JPCL in this regard for October 2018. Accordingly, an amount of Rs.20 million has been adjusted from the claimed amount of Rs.229 million and the remaining amount of Rs. 209 million is provisionally allowed in the FCA of December 2018, subject to its verification by NEPRA's technical section and in case of any variation in the amount verified by the Authority, the same shall be adjusted in the subsequent FCA. CPPA-G is also directed to provide complete documentary evidence of the claimed amount.



3



- 18. Regarding adjustment of Rs.88 million on account of partial load and NEO shifting charges of NPGCL pertaining to September 2018, although, CPPA-G submitted its working, the same needs detailed verification by NEPRA's Technical section. However, as per the initial scrutiny, the Authority observed that the amount claimed by CPPA-G does not reflect the actual amount already allowed by the Authority to NPGCL in this regard for September 2018. Accordingly, an amount of Rs.33 million has been adjusted from the claimed amount of Rs.88 million and the remaining amount of Rs.55 million is provisionally allowed in the FCA of December 2018, subject to its verification by NEPRA's technical section. In case of any variation in the amount verified by the Authority, the same shall be adjusted in the subsequent FCA. CPPA-G is also directed to provide complete documentary evidence of the claimed amount.
- 19. CPPA-G also claimed previous adjustment for Foundation Power, Nishat Chunian and Engro Energy power plants for the month of September 2018 amounting to Rs.29 million, Rs.1.13 million and Rs.21.85 million respectively. The Authority found the amounts claimed for Foundation Power and Engro energy as correct and accordingly included the same in the FCA of December 2018. However, regarding adjustment of Rs.1.13 million claimed for Nishat Chunian, the Authority has verified the same as negative Rs.1.24 million; the same has therefore been deducted from the FCA of December 2018.
- 20. Regarding previous adjustment of Rs.46.79 million for QATPL (Bhikki) owing to revision in approved FCC for the first fortnight of October 2018, the Authority has verified the same as Rs.36.65 million instead of Rs.46.79 million. Accordingly the verified amount of Rs.36.65 million has been included in the FCA December 2018.
- 21. CPPA-G also requested Rs.1,124.57 million for the RLNG based Haweli Bahadurshah (HBS) Power plant on account of Part Load and revision in FCC for the months of July, September and October 2018. Although, CPPA-G provided its working in this regard, however, the same needs detailed verification by NEPRA's Technical section. In view thereof, the Authority has decided to allow the claimed amount on provisional basis in the FCA of December 2018, subject to its verification by NEPRA's technical section and in case of any variation in the amount verified by the Authority, the same shall be adjusted in the subsequent FCA. CPPA-G is also directed to provide complete documentary evidence of the claimed amount.
- 22. Similarly for the RLNG based Balloki Power Plant, CPPA-G has claimed an amount of Rs.1,134.72 million on account of Part Load amounting to Rs. 984 million and revision in the FCC for the first fortnight of October 2018 amounting to Rs.150.608 million. CPPA-G also provided its working in this regard. Regarding adjustment owing to revision in the FCC, the same has been verified as Rs.150.488 million and accordingly included in the FCA of December 2018.
- 23. For the remaining adjustment of Rs.984 million, due to partial load factor, the same needs detailed verification by NEPRA's Technical section, however, as per the initial scrutiny, the amount claimed by CPPA-G does not reflect the actual amount already allowed by the Authority to the Balloki Power plant in the month of September 2018. Consequently, an



4



amount of Rs.367 million has been adjusted from the claimed amount of Rs.984 million. Accordingly, the Authority has decided to allow an amount of Rs.617 against the claimed amount of Rs.984 million, in the FCA of December 2018, on provisional basis, subject to its verification by NEPRA's technical section and in case of any variation in the amount verified by the Authority, the same shall be adjusted in the subsequent FCA. CPPA-G is also directed to provide complete documentary evidence of the claimed amount.

- 24. CPPA-G also requested an amount of Rs.341 million for Fatima Energy regarding revision in FFC for the period from February to December 2017. The said claim has been verified as Rs.169 million instead of Rs.341 million, based on the approved FCC and the amount already allowed by the Authority during this period, which is hereby allowed in the FCA of December 2018.
- 25. CPPA-G also requested an amount of Rs.267 million for Sahiwal Coal Power Plant owing to revision in its FCC for the period from June to September 2018. The said claim has been verified as Rs.88 million instead of Rs.267 million, based on the approved FCC and the amount already allowed by the Authority during this period, which is hereby allowed in the FCA of December 2018.
- 26. It is also pertinent to mention here that CPPA-G in its previously monthly FCA of September and October 2018 requested an amount of Rs.155.414 million Rs.198.605 million regarding Partial Load and NEO shifting charges for JPCL for the months of August and September 2018 respectively. The said amounts were however not allowed by the Authority due to lack of supporting documents. CPPA-G afterwards provided the requisite documentary evidences along-with verification carried out by CPPA-G. As per the verification done by CPPA-G, the claims of Rs.155.414 million and Rs.198.605 million have been verified as Rs.88.620 million and Rs.90.635 respectively. In view thereof, the Authority has decided to allow the amount verified by CPPA-G i.e. Rs. Rs.88.620 million and Rs.90.635, on provisional basis in the FCA of December 2018, subject to its verification by NEPRA's technical section and in case of any variation in the amount verified by the Authority, the same shall be adjusted in the subsequent FCA.
- 27. Similarly, CPPA-G in its FCA request of August 2018, had requested partial load / NEO shifting charges of JPCL amounting to around Rs.698.9 million *(partial load Rs.370.464 million and Rs.328.489 million for NEO shifting)* pertaining to April, May & June 2018. The Authority as per verification of Technical department already allowed an amount of Rs.161 million in its FCA of November 2018 against claimed amount of Rs.370.464 million. For the remaining amount of Rs.328.489 pertaining to NEO shifting, the amount is under verification by NEPRA Technical section, however, the same is provisionally allowed in the FCA of December 2018, subject to its verification by NEPRA's technical section and in case of any variation in the amount verified by the Authority, the same shall be adjusted in the subsequent FCA.
- 28. For the remaining adjustments/ supplemental charges, the Authority considers the same as justified and hence allowed in the FCA of December 2018.

N



- 29. CPPA-G reported NTDC transmission losses of 264.91 GWh i.e. 3.43% during December 2018 on overall generation of 7,718.65 GWh including energy generated and delivered at 132kV level directly to DISCOs. NTDCL, through its metering data, reported T&T losses of 266.313 GWh i.e. 3.37% during December 2018 based on energy of 7,912 GWh transmitted through NTDCL network at 500kV and 220kV level.
- 30. As per the determination of NTDCL, for the FY 2015-16 & FY 2016-17 dated April 11, 2017, notified vide SRO No. 721 (I)/2018 dated July 27, 2017, the Authority has determined annual losses target of 2.80% for NTDCL for its 500 KV and 220 KV network only.
- 31. The losses reported by NTDCL for December 2018 are 3.37% based on the energy delivered through NTDCL system, which results in accumulative losses of NTDCL from July 2018 to December 2018 as 2.86% based on allowed losses from July 2018 to December 2018, which are higher than the allowed threshold of 2.80%. Accordingly, for working out the FCA for December 2018, losses of 2.91% have been considered to ensure overall allowed threshold of 2.80% to NTDCL.
- 32. The Authority also in its previous FCA decisions had been directing CPPA-G to provide the monthly FCA data on a specified format in addition to the format on which CPPA-G is currently submitting its FCA requests. However, the same has not been provided with currently monthly FCA data. The Authority again directs CPPA-G to submit the monthly FCA data on the specified format in addition to the format on which CPPA-G is currently submitting its FCA requests.
- 33. The Authority, after incorporating the aforementioned adjustments, has reviewed and assessed an increase of Rs.0.5685/kWh in the applicable tariff for XWDISCOs on account of variations in the fuel charges for the month of December 2018 as per the following details:

Actual Fuel Charges Component for December 2018	Rs.6.4303/kWh
Corresponding Reference Fuel Charges Component	Rs.5.8619/kWh
Fuel Price Variation for the month of December 2018-Increase	Rs.0.5685/kWh

- 34. In view of the aforementioned, the Authority has decided that adjustment as referred to in Para 33 above;
 - a. Shall be applicable to all the consumer categories except lifeline consumers.
 - b. Shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of December 2018.
 - c. XWDISCOs shall reflect the fuel charges adjustment in respect of December 2018 in the billing month of February 2019.



6



d. While effecting the Fuel Adjustment Charges, the concerned XWDISCOs shall keep in view and strictly comply with the orders of the courts notwithstanding this order.

AUTHORITY

Saif Ullah Chattha

Member

Rafique Ahmed Shaikh Member

Rehmatulk Vice Chairman

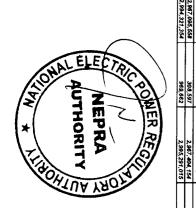
H-2-2019

CENTRAL POWER PURCHASING AGENCY (CPPA) Energy Procurement Report (Provisional) For the Month of December 2018

								r	· · · · · · · · · · · · · · · · · · ·					
S.N o.	Power Producer	Fuel	Dep. Capacity (MW)	Energy KWh	Fuel Charges Rs.	VO&M Charges Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in VO&M (Rs.)	Prev. Adjustment in EPP Total Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VO&M Rs.	Total Energy Cost (Rs.)
				A	В	с	D= B+C	E	F	G=E+F	н	I= B+E+H	J=C+F	Kal+J
1 Hyc	tel						r	- -	T	<u>, , , , , , , , , , , , , , , , , , , </u>	, <u>, , , , , , , , , , , , , , , , , , </u>		J=0+F	R=i+J
- I.	WAPDA	Hydel	6,902	1,103,024,681		101,575,568	101,575,568					·····	101,575,568	101,575,568
й.	Jagran	Hydel	30	304,200		607,792	607,792		the second s			·····	607,792	
	Pehure	Hydel	18	4,013,640		1,143,887	1.143.887		F	a service service and and	+ · · · ·	• • • • • • • • • • • • • • • • • • •	1,143,887	607,792
iv	Malakand-III SHYDO	Hydel	81	13.088.000		3,272,000	3,272,000		· · · · · · · · · · · · · · · · · · ·	•···· · · ·	····· ·····	····· ·· ·· ·· ·· · ··		1,143,667
, v	Laraib	Hydel	84	27.084.000		11,126,107	11,126,107	··· ··· · · · · · · · · · · · · · · ·		• · ···· • · · · · · · · ·		• • • • • • • • • •	3,272,000	3,272,000
	Star Hydro	Hydel	147	4,489,000		785,575	785,575		• • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •	+ ·· ····· ··· ··· ···	11,126,107	11,126,107
va	Head Maralla	Hydel	8	936,000		163,800	163,800		en en constant	· · · · · · · · · · · · · · · · · · ·	• · · · · · · · · · · · · · · · · · · ·		785,575	765,575
Viir	Neelum Jhelum	Hydel	969	114,938,700		105,000	103,800		· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · ·	·	163,800	163,800
in a constant	Tarbela Ext. 4	Hydel	1.478	68,610,000					+ · · · · · · · · - · · ·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	.		·
	Hydel Total:	- nyaer	8,239	1,334,488,221		118,674,729	116,674,729							-
IE.	WAPDA GENCOS		0,239	1,334,400,421		118,8/4,/29	116,6/4,/29	-			-		118,674,729	116,674,729
150	GENCO-I											1		
	Jamshoro Block 1	RFO	205	(580,000)							L			
	Unit 1	Gas	200	(000,086)		····		43,396,745		43,396,745	· · · · · · · · · · · · · · · · · · ·	43,396,745		43,396,745
		645	470				· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		••	••••••••••••••••••••••••••••••••••••••		· · ·	-
1	Jamshoro Block 2		470			· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • • •		+	•	L		· · · ·	•
	Unit-2	RFo							·	•	·	·	- 1	
		Gas		(560,000)	(3,535,506)	(53,650)	(3,589,156)	· · · · · · · · · · · · · · · · · · ·	1	· · · · ·	L	(3,535,506)	(53,650)	(3,589,156)
		RLNG		<u> </u>		•	<u> </u>	-	-	-	-	-	-	
	Unit-3	RFO		3,278,500	63,424,877	303,261	63,728,138	· · ·	-	-	•	63,424,877	303,261	63,728,136
		Gas		(179,000)	(1,062,114)	(18,558)	(1,078,672)	-	-	-	-	(1,062,114)	(16,558)	(1,078,672)
		RLNG		-	-	-	•	42,882,066	-	42,882,066	-	42,882,066		42,882,066
	Unit-4	Gas		10,176,000	59,095,504	941,465	60,036,969	-	-	-	· · · · · · · · · · · · · · · · · · ·	59,095,504	941,465	60,036,969
		RLNG		•	•	-	-	142,666,933		142.666,933		142,666,933		142,666,933
	Unit-4	RFO		3,250,500	61,558,944	300,671	61,859,615	-			•••••••••••••••••••••••••••••••••••••••	61,558,944	300,671	61,859,615
	Kotri 3-7	Gas	107	2,733,000	13,996,948	252,803	14,249,751	-				13,996,948	252,803	14,249,751
	Jamshoro Block 4	Gas		-	-		-				· ··· ·· ··· ··			14,240,701
	Jamshoro Total		782	18,101,000	193,478,653	1,727,993	195,206,646	228,945,744	•	228,945,744		422,424,397	1,727,993	424,152,390
i i	GENCO-II			388,259,800	1,947,726,507	26,751,086	1,974,477,593	·····	-			1.947,726,507	26,751,086	1,974,477,593
	Guddu CC Block 1 (OC)	Gas	390	58,153,566	372,165,376	4,006,781	37B, 172, 157	-	· · · · ·			372,165,376	4,006,781	376,172,157
	Central Block 2 (CC)	Gas		325,566,353	1,543,262,183	22,431,522	1,565,713,705	· ·· · · · ·		to and the second s		1,543,282,183	22,431,522	1,565,713,705
	Guddu (OC) Block-2	Gas	530	4,539,681	32,276,948	312,784	32,591,732		· ···· · · · · · · · · ·	+	· · · · · · · · · · · · · · · · · · ·	32,276,948	312,784	
	Block 3 (unit 384)	Gas							ter e seres estas esta			32,270,840	312,704	32,591,732
	Guddu 747 (CC)	Gas	721	316,761,000	1,111.902,890	94,964,948	1,206,867,838		158,787,568	158,787,568	•	1,111,902,890	253,752,516	
	Central Total		1,641	705,020,600	3,059,629,397	121,716,034	3,181,345,431		158,787,568	158,787,568		3,059,629,397	280,503,602	1,365,655,406
	GENCO-III		1,077	54,553,771	989,721,160	7,452,045	997,173,205	88,355,435	130,707,300	68,355,435	•	1.078.076.595		3,340,132,999
	Northern Block 1					7,402,040		00,000,400		00,050,455	· · ·	1,078,076,595	7,452,045	1,085,528,640
2	Unit 1	RFO		6,207,873	149,767,872	1,121,166	150,889,040	6,835,759		6,835,759		156,603,631		
	Unit 2	RFO	556	9,998,529	184,917,795	1,365,799	186,283,594	5,523,449		5,523,449			1,121,168	157,724,799
	Unit 3	RFO		16,229,891	289,784,704	2,217,003	292,001,707	18,408,560	- · · · · · · · · · · · · · · · · · · ·	18,408,560	· · · · · · · · · · · · · · · · · · ·	190,441,244	1,365,799	191,607,043
	Unit 1	RLNG		10,0001	2001, 04, 04	2,217,000	262,001,707	16,408,000	te e e e esta	18,408,300	·	308,193,264	2,217,003	310,410,267
	Unit 2	RLNG				· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		·		
	Unit 3	RLNG					· · · · · · ·		+					
					en na Ere				÷		· · · · · · · · · · · · · · · · · · ·	<u>∔</u>		
		RING												-
	Unit 3 Northern Block 2	RLNG					···· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·· ·	·····			······	•••••• ••• •••••••••••••••••••••••••••		
1	Northern Block 2		272	14 418 051	257 050 780	1 060 506	250 020 280	37.004.767	· · · · · · · · · · · · · · · · · · ·	77.00- 777				
	Northern Block 2 Block-2 Unit 4	RFO	272	14,418,051	257,050,780	1,969,506	259,020,286	37,091,257		37,091,257		294,142,037	1,969,506	296,111,543
	Northern Block 2 Block-2 Unit 4 Block-2 Unit 4	RF0 GAS	272	14,418,051	257,050,780	1,969,506	259,020,288	37,091,257		37,091,257		294,142,037	1,969,506	296,111,543
	Northern Block 2 Block-2 Unit 4 Block-2 Unit 4 Block-2 Unit 4	RFO	272		257,050,780	1,969,506	259,020,286	37,091,257		37,091,257		294,142,037	1,969,506	296,111,543
	Northern Block 2 Block-2 Unit 4 Block-2 Unit 4 Block-2 Unit 4 Northern Block 3	RFO GAS RLNG		-	-	-	·····	-		· · · · · · ·			-	
	Northern Block 2 Block-2 Unit 4 Block-2 Unit 4 Block-2 Unit 4 Northern Block 3 Block-3 Unit 5	RFO GAS RLING RFO	272 355	14,418,051 	257,050,780 108,200,009	1,969,506	259,020,2 86 108,978,578	37,091,257 10,875,510		37,091,257 10,675,510		294,142,037 	1,969,506 778,569	296,111,543 119,854,088
	Northern Block 2 Block-2 Unit 4 Block-2 Unit 4 Block-2 Unit 4 Northern Block 3 Block-3 Unit 5 Block-3 Unit 5	RFO GAS RLNG RFO RLNG		-	-	-	·····	10,875,510		10,675,510		119,075,519	-	119,854,088
	Northern Block 2 Block-2 Unit 4 Block-2 Unit 4 Block-2 Unit 4 Block-2 Unit 5 Block-3 Unit 5 Block-3 Unit 5 Block-3 Unit 5	RFO GAS RLNG RFO RLNG RFO		-	-	-	·····	-		· · · · · · ·			-	
	Northern Block 2 Block-2 Unit 4 Block-2 Unit 4 Block-3 Unit 5 Block-3 Unit 5 Block-3 Unit 5 Block-3 Unit 5 Block-3 Unit 6	RFO GAS RLNG RFO RLNG RFO RLNG	355	-	-	-	·····	10,875,510		10,675,510		119,075,519	-	119,854,088
	Northern Block 2 Block-2 Unit 4 Block-2 Unit 4 Block-2 Unit 4 Block-3 Unit 5 Block-3 Unit 5 Block-3 Unit 5 Block-3 Unit 6 Block-3 Unit 6 Block-3 Unit 6	RFO GAS RLNG RFO RFO RLNG RFO RLNG	355	-	-	-	·····	10,875,510		10,675,510		119,075,519	-	119,854,088
	Northern Block 2 Block-2 Unit 4 Block-2 Unit 4 Block-2 Unit 4 Block-3 Unit 5 Block-3 Unit 5 Block-3 Unit 5 Block-3 Unit 5 Block-3 Unit 6 Northern Block 4 Northern Block 5	RFO GAS RLNG RFO RLNG RFO RLNG RFO	355	-	-	-	·····	10,875,510		10,675,510		119,075,519	-	119,854,088
	Northern Block 2 Block-2 Unit 4 Block-2 Unit 4 Block-2 Unit 4 Block-3 Unit 5 Block-3 Unit 5 Block-3 Unit 5 Block-3 Unit 6 Block-3 Unit 6 Northern Block 5 Northern Block 5	RFO GAS RLNG RFO RLNG RLNG RLNG REO Gas	355 117 97	-	-	-	·····	10,875,510		10,675,510		119,075,519	-	119,854,088
	Northern Block 2 Block-2 Unit 4 Block-3 Unit 5 Block-3 Unit 5 Block-3 Unit 5 Block-3 Unit 6 Bloc	RFO GAS RLNG RFO RLNG RLNG Gas Gas	355 117 97 75	-	-	-	·····	10,875,510		10,675,510		119,075,519	-	119,854,088
	Northern Block 2 Block-2 Unit 4 Block-2 Unit 4 Block-2 Unit 4 Block-3 Unit 5 Block-3 Unit 5 Block-3 Unit 5 Block-3 Unit 6 Block-3 Unit 6 Block-3 Unit 6 Northern Block 5 Northern Block 5 Northern Block 5 Northern Block 5 Northern Block 5 Northern Block 5 Northern Block 5	RFO GAS RLNG RFO RLNG RLNG RLNG REO Gas	355 117 97 75 411	5,699,627	108,200,009	778,569	108,978,578	10,875.510 9,620,900	-	10,675,510 9,820,900		119,075,519 9,620,900	778,589	119,854,088 9,620,900
	Northern Block 2 Block-2 Unit 4 Block-2 Unit 4 Block-2 Unit 4 Block-2 Unit 4 Block-3 Unit 5 Block-3 Unit 5 Block-3 Unit 5 Block-3 Unit 6 Bloc	RFO GAS RLNG RFO RLNG RLNG Gas Gas	355 117 97 75	-	-	-	·····	10,875,510		10,675,510		119,075,519	-	119,854,088
iv	Northern Block 2 Block-2 Unit 4 Block-2 Unit 4 Block-2 Unit 4 Block-3 Unit 5 Block-3 Unit 5 Block-3 Unit 5 Block-3 Unit 6 Block-3 Unit 6 Block-3 Unit 6 Northern Block 5 Northern Block 5 Northern Block 5 Northern Block 6 Northern Block 6 Northern Total: GENCO-IV	RFO GAS RLNG RFO RLNG RLNG RLNG Gas Gas RLNG Gas RLNG	355 117 97 75 411 1,884	5,699,627	108,200,009	778,569	108,978,578	10,875.510 9,620,900	-	10,675,510 9,820,900		119,075,519 9,620,900	778,589	119,854,088 9,620,900
iv	Northern Block 2 Block-2 Unit 4 Block-2 Unit 5 Block-3 Unit 5 Block-3 Unit 5 Block-3 Unit 6 Block-3 Unit 6 Block-3 Unit 6 Block-3 Unit 6 Northern Block 5 Northern Bloc	RFO GAS RLNG RFO RLNG RLNG Gas Gas	355 117 97 75 411 1,884 31	5,699,627	108,200,009	778,569	108,978,578	10,875.510 9,620,900	-	10,675,510 9,820,900		119,075,519 9,620,900	778,589	119,854,088 9,620,900
iv	Northern Block 2 Block-2 Unit 4 Block-2 Unit 4 Block-2 Unit 4 Block-3 Unit 5 Block-3 Unit 5 Block-3 Unit 5 Block-3 Unit 6 Block-3 Unit 6 Block-3 Unit 6 Northern Block 5 Northern Block 5 Northern Block 5 Northern Block 6 Northern Block 6 Northern Total: GENCO-IV	RFO GAS RLNG RFO RLNG RLNG RLNG Gas Gas RLNG Gas RLNG	355 117 97 75 411 1,884	5,699,627	108,200,009	778,569	108,978,578	10,875.510 9,620,900		10,675,510 9,820,900		119,075,519 9,620,900	778,589	119,854,088 9,620,900



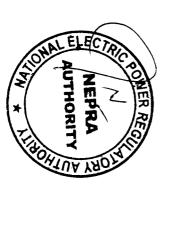
	IPP,s Total:-	_ L	247 Poor Casim	26 Baloki	25 Reshman		23 Coal Fire Power Plant	-	-	20 Layyah Sugar Mills	19 Hamza Sugar Mills	_	18 Fatima Energy	17 Chiniot Power	16 RYK	15 JDW-H	14 JOW-1	13 Uch-II		12 Halmore	11 Liberty Power	-	_	9 Saphire Power			8 Engro Energy	÷	7 Saif Power	6 Nishat Chunian	÷	5 Orient	4 Foundation Power		2 Atlas Power	1 Attock-Gen			19 Chashma Nuclear-IV	16 Chashma Nuclear-III	17 Chashma Nuclear-H				12 Uch	10 Saha Proven	÷		5 Pak Gen Power Limited	<u> </u>	3 Kohinoor Energy	2 Hub Power			Kot Artelii: Block 9		Kot Addu Block 2		Not Addu Block 1	s ddl c	
		Sub		2	7	סג	0	R	짇	Bag	Bag	Coa	Bag	Bag	Bag	Bag	Bag	0		2	2 7		01:	rli	2	I	0		2	20		. 20		70	5		Sub-Total:	3	z	z		z	•	•			20				7		KAPCO Total	T 12		. 2	2	T			
	4	Sub-Total: 9,598	+	RLNG 1.								Coal				Bagasse	Bagasse	Gas		1	+	+				-		•	÷		R				:	-	6,5	Import	Nucl.	Nucl.	-				G.		+	-				RFO 1.	-	HSO		RUKS		8	RLNG O		
	66 5,359,152,330		-	:	97 2,193,470			:			15 6,207,600	,	119	62 19,002,740	24 10,849,600			381 276,207,948	5	196	78,438,578	214		203	-		213 114,270,659		204 13,708,208	196 65,603,015		213 13,606,032	79,634,661		214 72,415,778	156 65,179,985	,568 1,894,785,818	96 36,113,600	340 227,857,000	227,762,000	315 223,288,000		212 117,001,400		551 293,770,000	126 22 819 280	151 872,530		349 44,355,300		124 30,294,000	200 84,458,600	336 209,987,700			•	762 83,580,900	•	325 126,406,800		
	40,356,731,673	29.038.008.434		922,602,192	36,064,379	•	5,971,349,727	2,802,435,265	5,662,118,777	13,369,978	38,542,368	•	5	117,986,112	66,122,301	105,159,648	94,362,662	1,581,866,470			1,043,822,603	130,000,399	172 683 300			• • •	712,597,565	-	166.078,369	917,347,657		164,204,485	470,492,706	911,986,142	1,012,588,945	625,154,239	11,318,723,239	417,865,771	243,237,347	255,025,111	153,376,527	203,818,807	1,080,029,662		952 383 642	1/8 ANA 770	11,404,306	406,667,773	752,923,588	1,157,231,849	464,568,066	1,683,875,923	3, 188, 289, 898	• · · · · · · · · · · · · · · · · · · ·	•	•	1,355,102,313	• • • • • • • • • •	1,633,187,585		
	1,993,794,408	1.633.425.074		29,136,584	2,165,391		338,915,342	88,713,929	176,998,753	1,300,300	3,611,582		•	11,055,794	8,195,937	9,947,605	8,842,196	36,475,497			96,792,624	52,452,456			•	•	46,096,784	•	6,227,639	72,891,510	•	3,633,198	36,329,806	72,683,038	80,656,691	73,710,957	360,369,334	3	•		•		44,542,948		80 052 325		749,554	40,755,853	8,872,082	15,361,985	20,877,115	16,986,558	128,147,783	•		•	81,775,153	•	66,372,630	-	
	42,350,526,081	30.671.433.508		951,738,776	38,229,770	-	6,310,265,069	2,691,149,194	5,839,117,530	14,670,277	42,153,949	, -	3	129,041,907	72,318,239	116,107,253	103,205,059	1,620,341,967	•	•	1,140,615,427	208,017,08/	708 445 055		•	•	758,694,349	1	172,306,008	990,239,167		167,837,683	506,812,513	984,889,180	1,093,245,636	898,865,196	11,679,092,573	417,865,771	243,237,347	255,025,111	153,376,527	203,618,807	1,124,572,810		1 032 435 967	383 836 404	12,152,860	447,423,425	781,595,671	1,172,593,834	485,285,161	1,700,662,481	3,316,437,681	•		•	1,416,677,468		1,899,560,215		
	2,994,321,354	2 967 095 558		1,134,716,129		•	267,571,180	1,124,568,505	46,794,734	•	-	340,863,896	•	-	•	,	-	-	•			· · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	+	•	21,652,573	1	•	1,130,394			29,598,146		•	•	27,225,796	•	-	•	•	•	•					· · ·	•		•	•	27,225,796	/60,000					10,664,899		
	969,662	30.4 507	•		•	•	(24,956)	•	333,555	•					-	•	•		•							•			•	•			,			,	661,065	•	•		•	· · · · · · · · · · · · · · · · · · ·	•					-	•	•		•	661,065	660,180			•		•		
	2,995,291,015	3 067 ANA 154		1,134,716,129	•	• •	287,546,222	1,124,568,505	47,128,269	,		340,663,896	•	•	3	•	•	-			•••••••						21,852,573		•	1,130,394			29,598,146	4	•	-	27,886,881	•		,	•	•					•	•		•			27,866,861	17,221,962		•	•		10,664,899		
	538,810,270				:	•			,		•	•			•	, i	•	•		,		•				• .	•	•				-		,	•	•	538,810,270	•	• • • • •	•		•	100 961 214		-		10,438,669			•	•	57,570,087	•	•	·····		1	•			
	43,889,863,297	4,000,102,243		2,057,318,321	36,064,379	•	6,238,920,907	3,927,003,770	5,708,913,511	13,369,978	38,542,368	340.863.896		117,996,112	66,122,301	105,159,648	94,362,862	1.581.866.470	•		1,043,822,603	735,663,399					734,450,138	•	166,078,369	918,478,051		164,204,485	500,080,852	911,986,142	1,012,588,945	825.154.239	11,664,759,305	417.865.771	243,237,347	255.025.111	153,376,527	203.618.807	1 100 991 078		4 700 007 040		21,842,975	406,667,773	752,923,588	1,157,231,849	464,588,068	1,741,246,010	3,215,515,694	16,560,897	•		1,355,102,313		1,843,852,484		
	1,994,764,070	3/6,391,262		29,136,584	2,165,391		338,890,384	88,713,929	177,332,308	1,300,300	3.611.562			11,055,794	6.195.937	9.947.605	8,842,196	38,475,497	•	•	96,792,824	52,452,456				in the second	45,096,784	· · · · · · · · · · · · · · · · · · ·	6,227,639	72,891,510		3,633,196	36,329,806	72,683,038	80,656,691	73 710 957	361.030.399	• • • • •	•	•	•			626'700'00	4,424,331		749,554	40,755,653	6,672,082	15,361,985	20,677,115	16.986.556	126.808.648	661,065		•	61,775,153		66,372,630		
λ.	45,884,627,367	5,041,493,50		2,066,454,905	38,229,770		6.577.811.291	4,015,717,699	5,886,245,819	14.670.277	42 153 94	340 863 896	•	129,041,907	72 318 238	116.107.253	103.205.059	1 620 341 967	-	-	1,140,615,427	768,115,855	•	•			788.546.922		172,306,008	991,369,561		167,837,663	536,410,659	984,869,180	1,093,245,634	898 865 194	12 245 789 704	417 865 77	243 237 347	255.025.111	153,376,527	203 618 00	-	1,402,210,201	352,829,101		22,591,529	447,423,425	761,595,67	1,172,593,834	485,265,181	1,758,232,568	3 344 324 542	17,221,962			1,415,877,456		1,910,225,114		(73.)



هـ

For	Energy	CENTRAL
For the Month of December 2018	Energy Procurement Report (Provisional	CENTRAL POWER PURCHASING AGENCY (CPPA)
December 20	eport (Provisi	ASING AGENCY
	ional)	(CPPA)

							51 008 014 478	2 402 987 197	48 605 027 281	nerav Cost (Rs.)			
							51,000,014,4/8	2,402,007,197	1 e7' /7n'cng'ote	1,110,000,000	Terre i Conteri		
							4,010,190,033	159,757,230	3,850,432,803	7 749 646 600	W. Adjustments :	- - 7	
$ \begin{array}{ $	21	48,605,027,28	538,810,270	3,471,379,763	159,757,230	3,311,622,533	46,997,824,445	2,243,229,967	44,754,594,478	7,718,646,688	ts For The month	Tota	
	8	155 033 59			•	•	155,033,595	•	155,033,595	23,758,430			XIM IL
	ஜ:	436,543,26	•		•		477,496,683	40,953,414	436,543,269	70,390,880		150	
			-	•	•	•	-	-	•	52,932,910			Ì
		the second s		· · · · · · · · · · · ·	• • •	· · · ·	36,758	36,758	-	170,659,426		Power	
	1.0	417 885 77		· · · · · · · · · · · · · · · · · · ·			417,865,771	•	417,865,771	36,113,600		t from Iran	
	3 2	14,420,020,0			:		655, 257, 792	•	855,257,792	896,588,000		ę	
New Protect Feat Control Feat Control Feat Control Feat Control Feat Control Feat Feat <th< td=""><td>3 8</td><td>10 90% 300 Ch</td><td></td><td>2 600 183 865</td><td></td><td>2 508 189 265</td><td>10.022.149.191</td><td>304,710,103</td><td>9,717,439,068</td><td>960,538,820</td><td></td><td></td><td></td></th<>	3 8	10 90% 300 Ch		2 600 183 865		2 508 189 265	10.022.149.191	304,710,103	9,717,439,068	960,538,820			
	5.8	8 878 347 4	491 240 193	240 236 287		51 450 719	8.753.226.214	409,669,661	8,343,556,553	1,679,262,704			
Name France France <td>3</td> <td>14 303 564 00-</td> <td>57 570 047</td> <td>143 547 473</td> <td></td> <td>143,547,473</td> <td>14,846,325,139</td> <td>653,878,699</td> <td>14,192,446,440</td> <td>930,784,947</td> <td></td> <td></td> <td></td>	3	14 303 564 00-	57 570 047	143 547 473		143,547,473	14,846,325,139	653,878,699	14,192,446,440	930,784,947			
Name Provide Field Grand Field		0,100,003,11								•			
	1				174 0491	60R 435 077	11 351 758 574	715.306.604	10.636.451.970	1,563,128,750			
Name Product Fund State	-						118.674.729	118,674,729		1,334,488,221	_	_	
$ \ \ \ \ \ \ \ \ \ \ \ \ \ $	-	40,000,021,2		an the rate of the									mary
$ \begin{array}{ $	212	48 605 027 2	538 840 270	3 471 379 763	159.757.230	3,311,622,533	46,997,824,445	2,243,229,967	44,754,594,478	7,718,646,688	30,590	G-Total:	
$ \begin{array}{ $	\$	155 033 5			•		154,898,353	(135,242)	155,033,595	247,330,766	1,847	Sub-Total	╞
Nome Find Control Find Control Contro Contro <thcontrol< <="" td=""><td>ŝ</td><td>155,033,5</td><td></td><td>•</td><td>-</td><td></td><td>155,033,595</td><td></td><td>155,033,595</td><td>23,/58,430</td><td>┢</td><td></td><td></td></thcontrol<>	ŝ	155,033,5		•	-		155,033,595		155,033,595	23,/58,430	┢		
										0, co, co, co			
Description Field Date (Marchine) Energy (Marchine) Field,	-									9 70E 509			
Description Feat Days Every NM Feat_series Convertseries Provide Manual Manua Manual Manua Manual Manual Manual Manua Manua Manual Manual Manuu	-	,	· · · · · · · · · · · · · · · · · · ·					· · · · · · · · · · · · · · · · · · ·		8 046 896	1		_
Power Product Fed Control Fed	Ť	L		+			-	•	•	7,714,111			-
Power Produce Feat Control Contro Control Contro </td <td></td> <td></td> <td></td> <td>•</td> <td>•</td> <td></td> <td>'</td> <td>•</td> <td></td> <td>7,304,261</td> <td>- </td> <td></td> <td></td>				•	•		'	•		7,304,261	- 		
Pose Produce Fuel Change Congression Congresintrediate Congresint <th< td=""><td></td><td></td><td>•</td><td>-</td><td>-</td><td></td><td>•</td><td></td><td>-</td><td>/ ,669,646</td><td> </td><td></td><td>4</td></th<>			•	-	-		•		-	/ ,669,646			4
Power Produce Fuel Company Fuel (company)				•			· · · · · · · · · · · · · · · · · · ·			004-07011	Ì		
Description Feat Date (MM) Feat/Carpon Feat/Carpon Date (MM) Feat/Carpon Date (MM) Feat/Carpon <thd< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>11 079 JAN</td><td></td><td></td><td></td></thd<>										11 079 JAN			
Power Producer Feat Date (MM) Early VMI Feat/Light State (MM) Prechange (MM) Early VMI Feat/Light State (MM) Prechange (MM) Prechange (MM) <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>·</td> <td></td> <td>•</td> <td>9,496,140</td> <td></td> <td></td> <td></td>	-						·		•	9,496,140			
Description Fair Description Fair Description Energy (VM) Fair (Larges) OWAL Energy (VM) Fair (Larges) OWAL Energy (VM) Fair (Larges)			•	•	•	•		,		10,452,785			
Description Fiel Charge Energy NVM Fiel Charge Charge Energy NVM Fiel Charge Cha	-			•	,		•			1,272,770	-		
Description Fiel Date (mark) Date (mark) Date (mark) <t< td=""><td></td><td>-</td><td>•</td><td></td><td></td><td></td><td></td><td></td><td>•</td><td>1,110,240</td><td></td><td>· ··· ····· ······· ···</td><td></td></t<>		-	•						•	1,110,240		· ··· ····· ······· ···	
Devent Producer Fuel Days (MM) Energy (VM) Fuel Charges (MM) Vision (MM) Epel Anity (MM) Prev. Adjuitment in Fuel Prev. Adjuitment in Fuel Prev. Adjuitment in Fuel State Charges State Charges </td <td></td> <td></td> <td></td> <td>· · · · · · · · · · · · · · · · · · ·</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td>				· · · · · · · · · · · · · · · · · · ·									-
Deven Producer Fuel Dep. Energy NVM Fuel Dage OVDM Energy NVM Fuel Dage Ovemal Prex. Alguitational in ENE				· · · · · · · · · · · · · · · · · · ·				+		13 103 020			_
Dower Producer Fuel Day, (myoal/ (myoal/) Energy KWh Fuel Charges Organ (myoal/ (myoal/) Energy KWh Fuel Charges Own (myoal/ (myoal/) Energy KWh Fuel Charges Energy KWh Fuel Charges Own (myoal/ (myoal/) Fuel Charges Own (myoal/ (myoal/) Energy KWh Fuel Charges Own (myoal/ (myoal/) Fuel Charges								•	•	12,561,050			
Drower Producer Feel Day. Energy XVM Fiel Charges Could and second a	-			•			-						-
Dower Producer Feel Dag. Capability Energy KWh Fiel Cauges Could Cauges Energy KWh Fiel Cauges Could Cauges Prev Adjustment in Fiel Prev Adjustment in Fiel <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td> </td><td></td><td>+</td></th<>													+
Dower Producer Fuel Canyon Fuel Canyon Changes Could Canyon Prex Adjustment in Rs. Prex Adjustment in Rs	_			-						: 	+	Color Dark	-
Drower Producer Fuel Day, Capability Energy KWh Fuel Cauges Could Cauges Energy KWh Fuel Cauges Cauges Could Cauges Energy KWh Fuel Cauges		· · · · · · · · · · · · · · · · · · ·			+		the second	· · · · · · · · · · · · · · ·	-				
Dower Producer Fuel Cape Energy KWn Fuel Cauges Could Cauges Epe Alling month (hz) Prev Alguitment in Fuel Fuel Supp Charges 1 Fuga Vinini Sign 700 Sig	-				•		•	,					_
Dower Producer Feel Day, Capability Energy KWh Fiel Cauges Could Cauges Epe Billing month (BL) Prev. Adjustment in Prev. Adjustment in RA Prev. Adjustment in Prev. Adjustment in RA Prev. Adj			-	,	,		-		-		ł		÷
Dower Producer Fuel Dap. Energy KWn Fuel Charges											4	· · · · · · · · · · · · · · · · · · ·	-
Drower Producer Fuel Dap. Energy KWh Fuel Charges Could Charges Dreve Adjustment in Fuel Prev. Adj	1			+ · · · · · · · · · ·									-
Dower Producer Fuel (Capacity (Capacity) Energy KWn Fuel Carges Changes Prex. Adjustment in (Rs) Pre	;				•		•						~
Dower Producer Fuel (space) Charge (space) Fuel (space) Charge (space) Charge (space) Charge (space) Charge (space) Charge (space) Charge (space) Charge (space) Charge (space) Charge (space) Prev. Alguitmentin (space) Prev. Alguitmentin (space)<	-		•	•	4		4	•	•				÷
Dower Producer Fuel (capacity) Energy KWh Fuel Cauges (capacity (MM) Changes (capacity (MM) Changes (changes (changes) Prex. Adjustment in (ma)						-					+		÷
Dower Producer Fuel Dap. Energy KWh Fuel Charges Columner Others 1 TreS-certs Gas. 25 (20,000) Charges Charg		-	•			· · · · · · · · · · · · · · · · · · ·					+-		2
Dower Producer Fuel (may (may 1) Energy KWh Fuel Charges Charges <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td>F</td></t<>											-		F
Power Producer Fuel (marking) Charge (marking) Fuel Charges (marking) Charges (marking) Charges (marking) Charges (marking) Prev. Adjustment in (marking)	-	· · · · · · · · · · · · · · · · · · ·					and an and an an an and and				-		7 You
Power Producer Fuel Caspect (MM) Energy KWh Fuel Charges (Sample (MM) Charges (Sample (Sample) Charges (Sample) Prex. Adjustment in (Ra) Pre		······						, ,	· · ·				teS a
Power Producer Fuel (mark) Charges (mark) Charges (mark) Charges (mark) Charges (mark) Charges (mark) Prev. Adjustment in (mark) Prev. Adjustment in (mark) <t< td=""><td>-+-</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>,</td><td></td><td></td><td></td><td>5 Fo</td></t<>	-+-								,				5 Fo
Power Producer Fuel (app.) Energy KWh Fuel Charges (app.) Charges (balling month (ball) EPP Billing month (balling month (ball) Prev. Adjustment in (balling month (balling month (balling (balling month (balling (bal	-						1	•					+ 10
Power Producer Fuel Dap. (May) Energy KWh Fuel Charges Counces Energy KWh Fuel Charges Charges <td></td> <td></td> <td></td> <td>•</td> <td></td> <td></td> <td>•</td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td>1</td>				•			•				-		1
Power Producer Fuel Dap. Energy KWh Fuel Charges Odd EPP Billing month Prev. Adjustment in Prev. Adjustment in Others Capacity Ra. Charges Charges Charges Charges Charges Others (MWh Ra. Ra. (Ra.) (Ra.) (Ra.) Ra. 1 TPS-caleta Gas 25 (20,000) - (172,000) (172,000)							36,758	ac/of			-		_ i
Power Producer Fuel Dep. Energy KWh Fuel Charges COMM EPP Billing month Prev. Adjustment in Prev. Adjustment in Others (MWh R. Charges Charges Charges Charges Charges Others (MWh R. R. R. (Ra.) (Ra.) (Ra.) R.							(172,000)	(000,271)					
Power Producer Fuel Dep. Energy KWh Fuel Charges Charges Charges Charges Charges Cost Cost Cost Total Prev. Adjustment in Prev. Adjustment in Prev. Adjustment in EPP Billing month (Rs.) Cost Cost Total Total Total Rs. Rs. (Rs.) (Rs.) (Rs.) Rs. Supp. Charges	_												
Power Producer Fuel Dap, Energy KWh Fuel Charges Charges EPP Billing month (Rs.) Prev. Adjustment in Prev. Adjustment in EPP Charges C	_			į							(MW)		
		Total Fuel Cost Rs.	Supp. Charges	Prev. Adjustment in EPP Total Be	Prev. Adjustment in VOSM	Prev. Adjustment in Fuel Cost (Rs.)	EPP Billing month (Rs.)	Charges Rt.	Fuel Charges Rs.	Energy KWh			* 2



Cost not chargabe to DISCOs (Rs.)

EPP (Chargable) (Rs.)

48,356,470,418 248,556,863

2,402,987,197 .

50,759,457,615 248,556,863

Energy Sold (KWh) Avg. Rate (Rs./KWh) Reference. Rate (Rs./KWh) FCA. Rate (Rs./KWh)

7,442,350,255 6.4975 5.8619 0.6356

7,442,350,255 0.3229

7,442,350,255 6.8204

\$ to

	ACTUAL			ANNEX-II								
	Source Wise	Generation										
		DECEMBER 2018										
Sources	Refere	nce	Act	ual								
	GWh	%	GWh	%								
Hydel	1,907.41	26.23%	1,334.49	17.29%								
Coal	14.47	0.20%	1,563.13	20.25%								
HSD	226.76	3.12%	-	0.00%								
RFO	2,498.45	34.36%	930.78	12.06%								
Gas/ RLNG	1,969.27	27.08%	1,679.26	21.76%								
RLNG		0.00%	960.54	12.44%								
Nuclear	424.27	5.84%	896.59	11.62%								
Import Iran	37.59	0.52%	36.11	0.47%								
Mixed	101.25	1.39%	23.76	0.31%								
Wind	37.35	0.51%	170.66	2.21%								
Baggasse	24.35	0.33%	70.39	0.91%								
Solar	29.76	0.41%	52.93	0.69%								
Total	7,270.91	100.00%	7,718.65	100.00%								
Sale to IPPs	-	0.00%	(11.39)	-0.15%								
Transmission Losses	(218.13)	3.00%	(264.91)	-3.43%								
Net Delivered	7,052.78	97.00%	7,442.35	96.42%								

Source Wise Fuel Cost/Energy Purchase Price

· · · · · · · · · · · · · · · · · · ·	vise ruei Cost/				
		DECEN	IBER 2018	· · · · · · · · · · · · · · · · · · ·	
Sources	Refere	nce	Acti	ual	
	Mlns. Rs.	Rs./kWh	Mlns. Rs.	Rs./kWh	
Hydel	-	-	-	_	
Coal	52.25	3.6118	10,636.45	6.8046	
HSD	2,787.07	12.2909	_		
RFO	24,333.81	9.7396	14,192.45	15.2478	
Gas	12,040.22	6.1141	8,343.56	4.9686	
RLNG		6.1141	9,717.44	10.1167	
Nuclear	561.32	1.3230	855.26	0.9539	
Import Iran	396.54	10.5500	417.87	11.5709	
Mixed	1,030.69	10.1801	155.03	6.5254	
Wind	-	-	-	- (POWER REA
Baggasse	140.51	5.7702	436.54	6.2017	
Solar	-	-	-	-	NEPRA
Total	41,342.41	5.686 0	44,754.59	5.7982	
Supplemental Charges		-	3,850.43	0.4988	AUTHORIT
Sale to IPPs		-	(248.56)	-21.8266	E
Grand Total	41,342.41	5.6860	48,356.47	6.2741	AUTHORIT
Transmission Losses		0.1759		0.2233	\smile
Net Total	41,342.41	5.8619	48,356.47	6.4975	

9

To Be Published in Official Gazette of Pakistan Part-II

1

National Electric Power Regulatory Authority



NOTIFICATION

9

Islamabad, the February 4, 2018

S.R.O. 177 (I)/2018: – Pursuant to Section 31(7) of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 as amended through Regulation of Generation, Transmission and Distribution of Electric Power (Amendment) Act 2011, the National Electric Power Regulatory Authority makes and notifies the following adjustment in the approved tariff on account of variations in fuel charges for the month of December 2018 in respect of Ex-WAPDA Distribution Companies (XWDISCOs):

Actual Fuel Charges Component for December 2018	Rs.6.4303/kWh
Corresponding Reference Fuel Charges Component	Rs.5.8619/kWh
Fuel Price Variation for the month of December 2018 -	Rs.0.5685/kWh
Increase	

Note: The Authority has reviewed and assessed an increase of Rs.0.5685/kWh in the applicable tariff for EX-WAPDA DISCOs on account of variation in the fuel charges for the month of December 2018 as per the above details.

2. The above adjustment an increase of Rs.0.5685/kWh shall be applicable to all the consumer categories except lifeline consumers of all the XWDISCOs. The said adjustment shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of December 2018 by the XWDISCOs. XWDISCOs shall reflect the fuel charges adjustment in respect of December 2018 in the billing month of February 2019.

3. While affecting the Fuel Adjustment Charges, the concerned XWDISCOs shall keep in view and strictly comply with the orders of the courts notwithstanding this order.

(Iftikhar Ali-I Registrar

Mathi My