



Registrar

National Electric Power Regulatory Authority
Islamic Republic of Pakistan

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

February 4, 2019

1.	Chief Executive Officer, Faisalabad Electric Supply Company Abdullahpur, Canal Bank Road Faisalabad	2.	Chief Executive Officer, Gujranwala Electric Power Company Ltd. 565/A, Model Town, G.T. Road, Gujranwala
3.	Chief Executive Officer, Hyderabad Electric Supply Co. Ltd. WAPDA Offices Complex, Hussainabad, Hyderabad	4.	Chief Executive Officer Islamabad Electric Supply Co. Ltd. Street # 40, Sector G-7/4, Islamabad.
5.	Chief Executive Officer, Lahore Electric Supply Company Ltd. 22-A, Queens Road, Lahore	6.	Chief Executive Officer Multan Electric Power Co. Ltd. MEPCO Headquarter, Khanewal Road, Multan
7.	Chief Executive Officer, Peshawar Electric Supply Company WAPDA House, Shami Road, Sakhi Chashma, Peshawar	8.	Chief Executive Officer Quetta Electric Supply Company Zarghoon Road, Quetta
9.	Chief Executive Officer, Sukkur Electric Power Company Ltd. (SEPCOL) Administration Block, Thermal Power Station, Old Sukkur.	10.	Chief Executive Officer Tribal Areas Electricity Supply Company Limited (TESCO) Room No. 213, 1 st Floor, WAPDA House, 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: As above (Decision alongwith Notification is also available on NEPRA's website)

(Iftikhar Ali Khan)

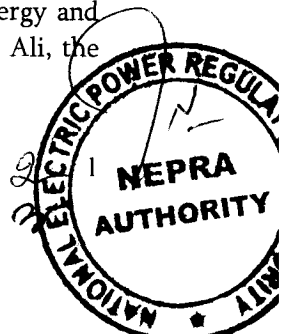
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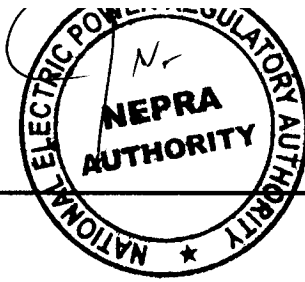
1. Secretary, Ministry of Energy (Power Division), 'A' Block, Pak Secretariat, Islamabad.
2. Secretary, Cabinet Division, Cabinet Secretariat, Islamabad.
3. Secretary, Ministry of Finance, 'Q' Block, Pak Secretariat, Islamabad.
4. Managing Director, PEPCO, 721 - WAPDA House, Lahore.
5. Member (Power), 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

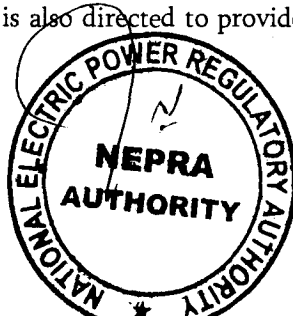


million. However, the same as per the NEPRA rates, works out as Rs.154.83 million, which has been considered while working out the FCA of December 2018.

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;

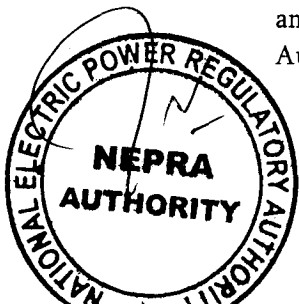
Previous Adjustment	Rs. in Mln
JPCL	229
NPGCL	88
Foundation Power	30
Nishat Chunian	1
Engro Energy	22
Fatima Energy	341
QATPL	47
HBS	1,125
Balloki	1,135
Sahiwal Coal	268
KAPCO	27
Supplemental charges	539
Total	3,850

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.





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

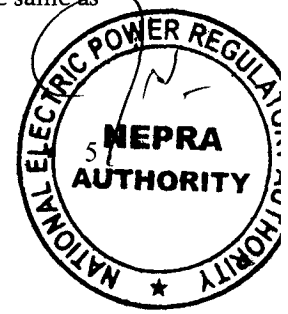




amount of Rs.367 million has been adjusted from the claimed amount of Rs.984 million. Accordingly, the Authority has decided to allow an amount of Rs.617 against the claimed amount of Rs.984 million, in the FCA of December 2018, on provisional basis, subject to its verification by NEPRA's technical section 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 FCC 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.

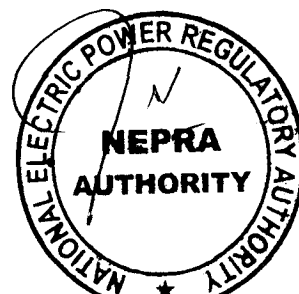
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29. CPPA-G reported NTDC transmission losses of 264.91 GWh i.e. 3.43% during December 2018 on overall generation of 7,718.65 GWh including energy generated and delivered at 132kV level directly to DISCOs. NTDC, through its metering data, reported T&T losses of 266.313 GWh i.e. 3.37% during December 2018 based on energy of 7,912 GWh transmitted through NTDC network at 500kV and 220kV level.
30. As per the determination of NTDC, 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 NTDC for its 500 KV and 220 KV network only.
31. The losses reported by NTDC for December 2018 are 3.37% based on the energy delivered through NTDC system, which results in accumulative losses of NTDC 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 NTDC.
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;
- Shall be applicable to all the consumer categories except lifeline consumers.
 - Shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of December 2018.
 - XWDISCOs shall reflect the fuel charges adjustment in respect of December 2018 in the billing month of February 2019.



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- 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

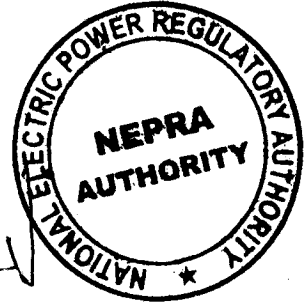
Saif Ullah Chattha
Member

1.2.2019

Rafique Ahmed Shaikh
Member

Rehmatallah Baloch
Vice Chairman

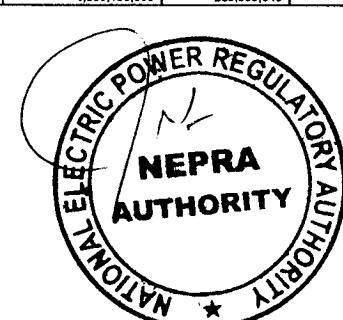
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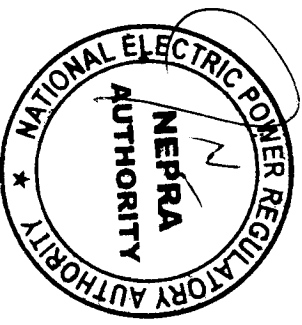
CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of December 2018

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	B	C	D=B+C	E	F	G=E+F	H	I=B+E+H	J=C+F	K=I+J
1	Hydel													
I	WAPDA	Hydel	6,902	1,103,024,681		101,575,568	101,575,568						101,575,568	101,575,568
II	Jagran	Hydel	30	304,200		607,792	607,792						607,792	607,792
III	Pehure	Hydel	18	4,013,840		1,143,887	1,143,887						1,143,887	1,143,887
IV	Matakind-II SHYDO	Hydel	81	13,088,000		3,272,000	3,272,000						3,272,000	3,272,000
V	Larabi	Hydel	84	27,084,000		11,126,107	11,126,107						11,126,107	11,126,107
VI	Star Hydro	Hydel	147	4,489,000		785,575	785,575						785,575	785,575
VII	Head Maralia	Hydel	8	936,000		163,800	163,800						163,800	163,800
VIII	Neslum Jhetum	Hydel	969	114,938,700										
IX	Tarbela Ext. 4	Hydel	1,475	66,610,000										
	Hydel Total:		8,239	1,334,488,221		118,674,729	118,674,729						118,674,729	118,674,729
	EX-WAPDA GENCOs													
	GENCO-I													
	Jamshoro Block 1	RFO	205	(580,000)				43,396,745		43,396,745		43,396,745		43,396,745
	Unit 1	Gas												
	Jamshoro Block 2	RFO	470											
	Unit-2	Gas		(580,000)	(3,535,506)	(53,650)	(3,589,156)					(3,535,506)	(53,650)	(3,589,156)
		RLNG												
	Unit-3	RFO		3,278,500	63,424,877	303,261	63,728,138					63,424,877	303,261	63,728,138
		Gas		(179,000)	(1,062,114)	(18,558)	(1,078,672)					(1,062,114)	(18,558)	(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
		Gas	107	2,733,000	13,996,948	252,803	14,249,751					13,996,948	252,803	14,249,751
		Gas												
	Jamshoro Block 4	Gas												
	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
	GENCO-II													
	Guddu CC Block 1 (CC)	Gas	390	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
	Central Block 2 (CC)	Gas		58,153,566	372,165,376	4,006,781	376,172,157					372,165,376	4,006,781	376,172,157
	Guddu (CC) Block-2	Gas	530	325,566,353	1,543,262,183	22,431,522	1,565,713,705					1,543,262,183	22,431,522	1,565,713,705
	Block 3 (Unit 3&4)	Gas		4,539,681	32,276,948	312,784	32,591,732					32,276,948	312,784	32,591,732
	Guddu 747 (CC)	Gas	721	316,761,000	1,111,902,890	94,864,948	1,206,867,838		158,787,568	158,787,568		1,111,902,890	253,752,516	1,365,655,406
	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	3,340,132,999
	GENCO-III													
	Northern Block 1	RFO	556	54,553,771	989,721,160	7,452,045	997,173,205	88,355,435		88,355,435		1,078,076,595	7,452,045	1,085,528,640
	Unit 1	RFO		6,207,873	149,767,872	1,121,166	150,889,040	6,835,759		6,835,759		156,603,631	1,121,166	157,724,799
	Unit 2	RFO		9,998,529	184,917,795	1,365,799	186,283,594	5,523,449		5,523,449		190,441,244	1,365,799	191,807,043
	Unit 3	RFO		16,229,891	289,784,704	2,217,003	292,001,707	18,408,560		18,408,560		308,193,264	2,217,003	310,410,267
	Unit 1	RLNG												
	Unit 2	RLNG												
	Unit 3	RLNG												
	Unit 3	RLNG												
	Northern Block 2	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
	Block-2 Unit 4	GAS												
	Block-2 Unit 4	RLNG												
	Northern Block 3	RFO	355	5,699,627	108,200,009	778,569	108,978,578	10,875,510		10,875,510		119,075,519	778,569	119,854,088
	Block-3 Unit 5	RLNG												
	Block-3 Unit 5	RFO												
	Block-3 Unit 6	RLNG						9,620,900		9,620,900		9,620,900		9,620,900
	Block-3 Unit 6	RLNG												
	Northern Block 4	RLNG	117											
	Northern Block 5	RFO	97											
	Northern Block 5	Gas												
	Northern Block 6	Gas	75											
	Nandipur	RLNG	411											
	Northern Total:		1,884	54,553,771	989,721,160	7,452,045	997,173,205	88,355,435		88,355,435		1,078,076,595	7,452,045	1,085,528,640
	GENCO-IV													
	LAKHRA	Coal	31											
	Sub-Total:		31											
	GENCOs Total:-		4,337	777,675,371	4,242,829,210	130,896,072	4,373,725,282	317,301,180	158,787,568	476,068,748		4,560,130,390	289,863,640	4,849,814,030



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

S.N	Power Producer	Fuel	Gen. Capacity (MW)	Energy MWh	Fuel Charges Rs.	VOBM Charges Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in VOBM (Rs.)	Prev. Adjustment in EPP Total Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VOBM Rs.	Total Energy Cost (Rs.)
4	Others		25	(20,000)		(172,000)	(172,000)							(172,000)
1	TRIS-Qwenta	Gas	56	5,968,350		36,758	154,062,353					155,033,595		155,033,595
2	Zouli Wind	Wind	50	5,185,500			48,997,924,478	3,371,622,533	189,757,230	3,471,379,763	528,970,270	48,005,027,281	2,402,987,197	51,008,014,478
3	FFEBL Wind	Wind	50	5,453,500										
4	TGE Wind	Wind	50	10,540,700										
5	Foundation Wind	Wind	50	6,504,100										
6	Sashin Wind Power Wind	Wind	50	7,171,250										
7	Konara Energy Ltd. Wind	Wind	50	9,158,800										
8	Wento Wind Power Wind	Wind	50	8,141,000										
9	Old Arimal Wind Power Wind	Wind	50	7,284,575										
10	Masera Wind Power Wind	Wind	50	5,933,400										
11	Faraja General Wind	Wind	31	4,141,000										
12	7.500L Wind Wind	Wind	50	5,457,270										
13	HDPP Wind Wind	Wind	50	7,066,708										
14	SEDL Wind Wind	Wind	50	11,626,812										
15	UJER Wind Wind	Wind	99	12,141,970										
16	Guid-Adam Solar Park Solar	Solar	100	12,967,820										
17	Apodilo Solar Park Solar	Solar	100	12,961,050										
18	Best Green Energy Solar	Solar	100	12,991,060										
19	Great Energy Solar	Solar	100	1,779,240										
20	Hananga Solar	Solar	18	1,272,770										
21	AJ Solar Wind	Wind	50	10,452,795										
22	Allep Wind Wind	Wind	50	9,496,140										
23	Jampra Wind Wind	Wind	50	11,023,460										
24	HAWA Wind Wind	Wind	50	7,669,646										
25	TGT Wind	Wind	50	7,304,281										
26	TGS Wind	Wind	50	7,714,111										
27	Tricon Beaton-A Wind	Wind	50	8,046,896										
28	Tricon Beaton-B Wind	Wind	50	8,706,598										
29	Tricon Beaton-C Wind	Wind	50	23,756,430										
30	SPPs Mixed		257	155,033,595			155,033,595					155,033,595		155,033,595
Sub-Total				247,330,766		(135,242)	154,062,353	3,371,622,533	189,757,230	3,471,379,763	528,970,270	48,005,027,281	2,402,987,197	51,008,014,478
G-Total				30,290	7,718,648,688	44,794,594,478	(135,242)	48,997,924,478	2,243,229,967	3,471,379,763	528,970,270	48,005,027,281	2,402,987,197	51,008,014,478
Summary														
1	Coal			1,334,488,221	10,636,461,970	118,674,729	11,361,756,574	606,435,077	(24,959)	608,410,118	57,970,047	11,244,697,047	118,674,729	11,960,168,892
2	Gas			930,794,947	14,192,446,440	653,878,699	14,846,326,139	143,547,473	156,797,586	143,547,473	57,970,047	14,393,564,000	15,047,442,698	15,047,442,698
3	Gas			1,679,282,704	8,343,585,653	409,666,664	8,753,252,314	51,450,719	196,797,586	210,248,287	481,240,183	8,870,547,455	9,444,704,694	9,444,704,694
4	Nuclear			960,598,820	9,277,458,098	304,110,103	10,022,448,191	2,506,189,265	994,820	2,509,183,885	12,225,628,353	12,531,333,076	12,531,333,076	12,531,333,076
5	Nuclear			896,698,000	655,257,792		655,257,792					655,257,792		655,257,792
6	Import from Iran			38,413,800	417,865,771		417,865,771					417,865,771		417,865,771
7	Wind Power			170,653,428		36,758	36,758					417,865,771		417,865,771
8	Solar			52,932,970										
9	Biogas			70,590,450		40,953,414	477,498,883					40,953,414		477,498,883
10	Mixed			23,756,430			155,033,595					155,033,595		155,033,595
Totals For The month				7,718,648,688	44,794,594,478	2,243,229,967	48,997,924,478	3,371,622,533	189,757,230	3,471,379,763	528,970,270	48,005,027,281	2,402,987,197	51,008,014,478
Prev. Adjustments														
GRAND TOTAL:				7,718,648,688	44,794,594,478	2,243,229,967	48,997,924,478	3,371,622,533	189,757,230	3,471,379,763	528,970,270	48,005,027,281	2,402,987,197	51,008,014,478
Energy Cost (Rs.)														
Cost not chargeable to DISCOs (Rs.)														
EPP (Chargeable) (Rs.)														
Energy Sold (MWh)														
Avg. Rate (Rs./MWh)														
Reference Rate (Rs./MWh)														
FCA Rate (Rs./MWh)														



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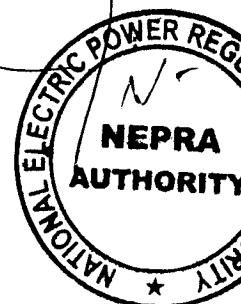
ACTUAL

ANNEX-II

Source Wise Generation				
Sources	DECEMBER 2018			
	Reference		Actual	
	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

Sources	DECEMBER 2018			
	Reference		Actual	
	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	-	-	-	-
Baggasse	140.51	5.7702	436.54	6.2017
Solar	-	-	-	-
Total	41,342.41	5.6860	44,754.59	5.7982
Supplemental Charges		-	3,850.43	0.4988
Sale to IPPs		-	(248.56)	-21.8266
Grand Total	41,342.41	5.6860	48,356.47	6.2741
Transmission Losses		0.1759		0.2233
Net Total	41,342.41	5.8619	48,356.47	6.4975



National Electric Power Regulatory Authority



NOTIFICATION

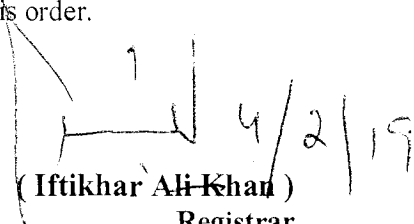
Islamabad, the February 4, 2019

S.R.O. ⁹ 179 (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 - Increase	Rs.0.5685/kWh

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 Khan)
Registrar

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