National Electric Power Regulatory Authority Islamic Republic of Pakistan



Registrar

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NO. NEPRA/R/TRF-100/MFPA/17/17-32

September 12, 2022

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. 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 July 2022 for XWDISCOs along with Notification Thereof

Enclosed please find herewith copy of the Decision of the Authority along with Additional Note of Mr. Rafique Ahmed Shaikh, Member NEPRA (total 12 Pages) regarding adjustment in fuel charges in respect of Ex-WAPDA Distribution Companies for the month of July 2022 and its Notification i.e. S.R.O. 1727(1)/2022 dated 12.09.2022.

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 alongwith Notification is also available on NEPRA's website)

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(Syed Safeer Hussain)

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. Member (Power), WAPDA, WAPDA House, Shahrah-e-Quaid-e-Azam, Lahore.
- 5. Managing Director, NTDC, 414 WAPDA House, Shahrah-e-Quaid-e-Azam, Lahore.
- 6. 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 JULY 2022 FOR EX-WAPDA DISCOS

- Pursuant to the provisions of Section 31(7) of the Regulation of Generation, Transmission 1. 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 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.
- In order to make adjustments in the approved tariff of the Ex-WAPDA DISCOs due to 2. variations in the fuel charges for the month of July 2022, CPPA-G vide its request dated August 15, 2022, submitted the necessary information as to the details of the actual fuel charges etc. CPPA-G requested the Authority to allow positive FCA of Rs.4.6954/kWh for the month of July 2022.
- The Authority has reviewed the information provided by CPPA-G seeking monthly fuel 3. cost adjustment (FCA) 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 July 2022 is Rs.10.9833/kWh, against the reference fuel cost component of Rs.6.2879/kWh. For working out the reference for July 2022, Annex-IV of the decision of the Authority for Ex-WAPDA DISCOs for FY 2019-20 (remained notified till July 24, 2022) and for FY 2022-23 (notified w.e.f. July 25, 2022), which on proportionately basis works out as Rs.6.2879/kWh, has been used. The actual fuel charges, as reported by CPPA-G, for the month of July 2022 increased by Rs.4.6954/kWh (Annex-I) 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 meet the ends of natural justice and to arrive at an informed decision, the Authority decided to conduct a hearing in the matter. The advertisement for hearing along-with salient features and details of the proposed adjustments, in the approved tariff, were published in newspapers on August 20, 2022 and also uploaded on NEPRA's Website for information of all concerned stakeholders.
- 5. The Authority conducted the hearing in the matter on August 31, 2022 (Wednesday) at NEPRA Tower, Ataturk Avenue (East), G-5/1, Islamabad through zoom. 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/affected person were invited. Separate notices were also sent to the interested / affected parties.
- 6. On the date fixed for hearing, representatives from CPPA-G, National Power Control Center (NPCC)/NTDC, Media and General Public were present. However, no representation was made from WAPDA Power Privatization Organization (WPPO), Sui Southern Gas Company Limited (SSGCL), Sui Northern Gas Pipelines Limited (SNGPL) and Ministry of Finance despite serving the hearing notice.
- 7. Upon inquiry from the commentators during the hearing regarding total impact of FCA for the month of July 2022, the Authority mentioned that as per the claim submitted by CPPA-G, the total Financial impact of FCA for July 2022, is around Rs. 64 billion. Similarly, upon NER RE Inquiries from the commentators, the Authority also mentioned that FCA for July 2022,

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would be around around Rs. 5.2/kWh lower than the FCA of June 2022, based on the claim of CPPA-G.

- 8. The Authority observed that while submitting the monthly FCA request, CPPA-G and NTDC/NPCC certifies that;
 - a) 2002 Power Policy Plants
 - i. All purchases have been made from Generation Companies having valid generation License issued by NEPRA.
 - ii. Invoices of all Electricity Purchases have been processed in accordance with the rates, terms & conditions as determined by NEPRA. Payments related to periodical adjustments are also made as per decision of NEPRA.
 - iii. The above statement is true, based on facts and from verifiable documentary evidence. In case of any deviation / variation observed if not rectified at later stage, CPPA-G will be responsible for the consequences arising out of any misstatement under NEPRA Act and its Rules & Regulations.
 - b) 1994 Power Policy Plants
 - i. All purchases have been made from IPPs under 1994 Policy, including HUBCO, KAPCO & Chasnupp and excluding Tavanir, having valid generation license issued by NEPRA.
 - ii. Invoices of all Electricity Purchases have been made strictly in accordance with the rates, terms & conditions as stipulated in the respective Power Purchase Agreements.
 - . All payments to IPPs are being made after observing all formalities provided in the respective Power Purchase Agreements.

All purchases have been made in accordance with the Power Purchase Agreement

The above statement is true, based on facts and from verifiable documentary evidences. In case of any deviation / variation observed if not rectified at later stage, CPPA-G will be responsible for the consequences arising out of any misstatement under NEPRA Act and its Rules & Regulations.

Power Plants Operations

It is certified that Merit Order was followed as defined under section 2(I)(x) of the NEPRA Licensing (Generation) Rules, 2000, while operating power plants in its fleet during month of July 2022.

- Claimed Partial Loading Adjustment charges (PLAC) was not due to fuel constraints but was strictly in accordance with the provision of their respective Power Purchase Agreement and the plants were operated on partial load due to less demand in the system and transmission/distribution network constraints .
- 9. Accordingly for the purpose of instant FCA, the information along-with certification given by CPPA-G has been relied upon. In case of any variation, error, omission or misstatement found out at a later stage, CPPA-G shall be responsible and the same would adjusted in the subsequent monthly fuel charges adjustment.
- 10. The Authority observed that CPPA-G has purchased energy of 46.572 GWh from Tavanir Iran in July 2022 at a cost of Rs.1,063.62 million, however, contract between CPPA-G and

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Tavanir Iran for import of Power up-to 104 MW has expired on December 31, 2021. In view thereof, the cost of electricity purchased from Tavanir Iran is being allowed strictly on provisional basis, subject to its adjustment once the Authority decides the extension in the contract between CPPA-G and Tavanir Iran or otherwise. The cost being allowed on provisional basis is to avoid piling up of the cost and one time burdening of the consumers in future.

11. Regarding the current month cost of July 2022, the fuel cost of the following power plants have been adjusted downwards as per the Authority's latest approved FCC rates for the month of July 2022, as detailed below.

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Plants	Energy (kWh)	Fuel Charge Climed by CPPA- G - Rs.	Fuel Charge as per NEPRA approved FCC - Rs.	Adjustment in Rs.
Orient	99,595,777	3,135,769,928	2,887,094,715	(248,675,214)
Saif Power	86,831,228	2,699,330,616	2,465,893,259	(233,437,357)
Saphire Power	70,567,810	2,341,923,088	2,077,873,378	(264,049,709)
QATPL	230,260,831	6,314,941,027	5,516,793,928	(798,147,099)
Haveli Bahadur Shah	573,167,035	15,421,359,335	14,245,467,406	(1,175,891,929)
Baloki	560,550,612	15,394,582,508	14,121,333,295	(1,273,249,213)
Lucky Electric Power Company Limited	282,262,500	4,511,627,348	4,164,726,735	(346,900,613)
Total	1,903,235,793	49,819,533,850	45,479,182,716	(4,340,351,134)

12. CPPA-G also claimed Rs.752 million as previous adjustment. The Authority, from the data provided by CPPA-G, observed that fuel cost of power plants have been claimed as previous adjustments by CPPA-G as per the Authority's approved rates, accordingly, the same has been allowed for the month of July 2022. A summary of the amounts claimed by CPPA-G and being allowed by the Authority is as under;

Power Producer	Prev. Adj. Claimed by CPPA-G Rs.	Prev. Adj. Allowed Rs.
Attock-Gen	9,695,734	9,695,734
Atlas Power	26,585,923	26,585,923
Nishat Power	15,154,442	15,154,442
Foundation Power	(365,370)	(365,370)
Orient	(11,338,503)	(11,338,503)
Orient (HSD)	13,155,931	13,155,931
Nishat Chunian	18,977,351	18,977,351
Saif Power	(86,928)	(86,928)
Saif Power (HSD)	(563,451)	(563,451)
Engro Energy	(118,798,541)	(118,798,541)
Saphire Power (HSD)	2,766,168	2,766,168
Hubco Narowal	16,426,151	16,426,151
Liberty Power	12,761,155	12,761,155
Halmore	(1,404,112)	(1,404,112)
Halmore HSD	(289,775,174)	(289,775,174)
Engro PowerGen Thar TPS	(236,128)	(236,128)
QATPL	(26,599,663)	(26,599,663)
Haveli Bahadur Shah	(311,938,303)	(311,938,303)
Huaneng Shandong Ruyi Energy (Pvt) Ltd	(72,277,896)	(72,277,896)
Baloki	(307,082,519)	(307,082,519)
Lucky Electric Power Company Limited	1,503,851,292	1,503,851,292
Hub Power	(6,531)	(6,531)
Kohinoor Energy	(3)	(3)
AES Lalpir	191,018,804	191,018,804
Pak Gen Power Limited	66,176,659	66,176,659
Fauji Kabirwala	19,655,665	19,655,665
Tavanir Iran	(103)	(103)
GENCO-II ***	(3,375,420)	(3,375,420)
GENCO-III ***	(6,399)	(6,399)
Total	752,370,232	752,370,233



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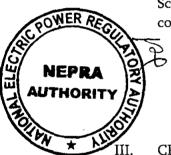
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- 13. As per the data submitted by CPPA-G, XWDISCOs purchased 16.924 GWh from Captive Power Plants (CPPs) during July 2022, for which CPPA-G provided actual details of energy purchased from these plants. According to the details provided by CPPA-G, the actual fuel cost of this energy is Rs.80.503 million. The same being as per the NEPRA approved mechanism, has been considered while working out the FCA of July 2022.
- 14. During the hearing, the Authority also observed that energy from costlier RFO based power plants was generated to the tune of over Rs.31,305 million, during the month of July 2022. The Authority has been directing NPCC/NTDC & CPPA-G repeatedly to provide complete justification in this regard, to the satisfaction of the Authority and submit complete details for deviation from Economic Merit Order (EMO), showing hourly generation along-with the financial impact for deviation from EMO, if any, and the reasons, thereof. The Authority also directed CPPA-G/NPCC/NTDC in the previous monthly FCA decisions, as under;
 - I. System Operator shall report to CPPA-G, within 24 hours, dispatch of generation plant(s) out of merit order along with reasons thereof. The copy of the report shall be sent to NEPRA simultaneously.
 - II. CPPA-G shall scrutinize the above mentioned dispatch report in terms of Scheduling and Dispatch Code (SDC) of Grid Code and prepare a report which shall comprise of;
 - a. all dispatch deviation from merit order;
 - b. the plants available but not dispatched ; and
 - c. Dispatch deviation justified or unjustified in terms of SDC of Grid Code along-with their financial impact.
 - CPPA-G shall share the report with the system operator and also submit it to NEPRA at the time of filing of monthly fuel price adjustment request.
- 15. The Authority observed that the required data/information was submitted by CPPA-G along-with the monthly FCA data of July 2022, however, the same was not as per the requirements of the Authority. Accordingly, CPPA-G was directed to submit that the report as per the desired format for consideration of the Authority.
- 16. NPCC/NTDC during the hearing, explained operation of power plants on RFO, however, the Authority observed that an in-house analysis has also been carried out, to work out the financial impact due to deviation from EMO based on the information submitted by NPCC. As per the in-house analysis/ workings carried out, the net amount deductible, on provisional basis, from the overall claim due to deviation from EMO is Rs. 481.61 million (Rs.464.98 million financial impact due to System constraints and Rs.16.63 million due to underutilization of efficient power plants).
- 17. The Authority has decided to deduct the aforementioned amounts provisionally in the instant FCA, until NPCC/ NTDC and CPPA-G provide the required details along-with complete justification in this regard to the satisfaction of the Authority.
- 18. In view of the above discussion, the Authority has calculated the fuel cost for the month of July 2022, after accounting for the aforementioned adjustments, and including costs arising out due to application of various factors, as provided in the respective PPAs of the Power

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Producers and claimed by CPPA-G in its FCA request. Here it is pertinent to mention that the amount arising out due to application of PPA factors, for the six RFO based IPPs, incorporated under 2002 Power Policy, is being allowed on provisional basis and shall be subject to adjustment, based on the final outcome of the ongoing *suo moto* proceedings against RFO based IPPs.

- 19. NTDCL, reported provisional T&T losses of 329.20 GWh i.e. 2.30%, based on energy delivered on NTDCL system during July 2022. NTDC in addition also reported T&T losses of 33.49 GWh i.e. 2.63%, for PMLTC (HVDC) line.
- 20. NTDCL is allowed T&T losses of 2.80% only at 500KV and 220 KV network, while PMLTC (HVDC) is allowed T&T losses of maximum up-to 4.3%.
- 21. Accordingly, for the month of July 2022, T&T losses of 329.20 GWh have been verified for NTDCL system based on units delivered only at 500KV and 220 KV network. Regarding PMLTC (HVDC), the claimed T&T losses i.e. 33.49 GWh, being within the Authority's allowed limit have also considered while working out the FCA of July 2022.
- 22. The Authority noted that as per the NEPRA (Alternative and Renewable Energy) Distributed Generation and Net Metering Regulations, 2015, the price payable by a Distribution Company for net kWh shall be the national average power purchase price (NAPP) of the Distribution Company as determined by the Authority and notified by the Federal Government. The currently notified NAPP is Rs. 12.95/kWh. The Authority considering the exorbitant increase in the monthly energy purchase price, directs CPPA-G to provide detail of net metering units purchased by all XWDISCOs along-with its subsequent monthly FCA request.
- 23. The Authority hereby directs CPPA-G to provide the Technically/financially verified data of each generation company pertaining to previous month along-with its next monthly FCA request, in order to ensure that any required adjustments are made in a timely manner.
- 24. The Authority, after incorporating the aforementioned adjustments, has reviewed and assessed an increase of Rs.4.3435/kWh (Annex-II) in the applicable tariff for XWDISCOs on account of variations in the fuel charges for the month of July 2022 as per the following details:

Actual Fuel Charge Component for July 2022	Rs.10.6314/kWh
Corresponding Reference Fuel Charge Component	Rs.6.2879/kWh
Fuel Price Variation for the month of July 2022-Increase	Rs.4.3435/kWh

- 25. In view of the aforementioned, the Authority has decided that adjustment as referred above;
 - a. Shall be applicable to all the consumer categories except Electric Vehicle Charging Stations (EVCS) and lifeline consumers.
 - b. Shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of July 2022.

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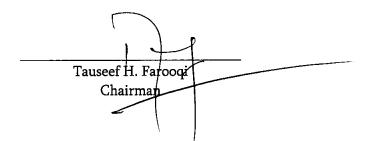


- XWDISCOs shall reflect the fuel charges adjustment in respect of July 2022 in the c. billing month of September 2022;
- d. While effecting the Fuel Adjustment Charges, the concerned XWDISCOs shall keep in view and strictly comply with the orders of the courts notwithstanding this order.

AUTHORITY

Engr. Maqso Anwar Khan Member

Rafique Ahmed Shaikh Member





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CPPA-G is in consistent failure to follow the Authority's directions in letter and spirit:

- a. System Operator shall report to CPPA G, within 24 hours, dispatch of generation plant(s) out of merit order along with reason thereof. The copy of report shall be sent to NEPRA simultaneously.
- b. CPPA G shall scrutinize the above mentioned dispatch report in term of Scheduling and Dispatching Code (SDC) of Grid Code and prepare a report which shall comprise of ;
- All dispatch deviation from merit order;
- The plant available but not dispatch; and
- Dispatch deviation justified or unjustified in term of SDC of Grid Code along-with their financial impact.
- c. CPPA G shall share the report with System Operator and also submit it to NEPRA at the time of filing of monthly fuel price adjustment request."

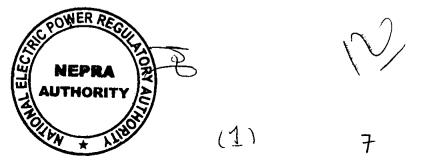
2. Despite clear direction of the Authority to prepare the merit order on actually available fuel(s), the merit order is still being prepared on old consideration i.e. with indigenous natural (pipe line quality) gas, while this fuel is not available to plants since last 2/3 years. The current merit order list with non-available fuel is nothing but to mislead or confuse the stakeholders.

Therefore, all relevant departments which are responsible to prepare the Merit Order lists shall take immediate action to revise it on the basis of fuel(s) which are available.

3. The three most efficient RLNG power plants in Pakistan Power Sector are the Quaide-Azam Thermal Power Plant (QATPL), two power plants of National Power Parks Management Company Limited at Haveli Bahadur Shah (HBS) and Baloki; efficiency of these power plants is above 61%. The utilization factors of these three most efficient RLNG power plants were; QATPL around (26%), HBS around (63%) and Baloki around (57%) during the month of July 2022. It is noted that the accumulated claim by these power plants against part load operation is Rs 4.086 billion. In the wake of high load demand in the system and ongoing electricity shortfall in the country, the full utilization of these power plants could minimize the load shedding on one hand while on the other hand it could help avoid part load charges of Rs 4.086 billion.

4. As per the data submitted by NPCC, the average RLNG allocated to power sector during the month of July, 2022 was 494 MMCFD against a demand of 900 MMCFD that resulted in indicative financial impact of Rs. 6.938 Billion during the aforesaid month. Efforts should have been made to improve the supply chain of RLNG to fully utilize the most efficient RLNG power plants and avoid the part load adjustment charges.

5. Due to system constraints, plants were operated in violation of EMO that resulted in financial impact of 464.98 million during the month of July 2022. Such constraints in transmission system is failure of the relevant entities in performing their core functions.



6. The utilization factor of power plants at Central Power Generation Company Limited (CPGCL), including the newly commissioned Guddu 747 machine, remained very low despite availability of dedicated cheaper Gas. Forced outage of unit 15 (249 MW), unit 16 (249 MW) of Guddu 747 and Guddu old units 6, 12 & 13 (345 MW) and units 8 & 10 (180 MW) resulted in financial losses due to operation of costlier power plants.

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Not Not 110.362.37.34 1362.37.34 1362.37.41 1362.37.11 1362.37.14 1362.37.14 Not Not Not 14.000.21 14.15.67 25.300.76 14.17.146 24.300.76 14.47.146 14.47.146 14.44.141 14.47.146 14.44.146 14.44.146 14.44.146 14.44.146 14.44.146 14.44.146 14.44.146 14.44.146 14.44.146 14.44.146 14.44.146 14.44.146 14.44.146 14.44.146 14.44.146 1	ND ND<	
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Reo 31,539,000 1,10,231,101 3569,1261 1,10,271,236 1,11,277,236 1,11,277,236 1,11,277,236 1,11,277,236 1,11,277,236 1,11,277,236 1,11,277,236 1,11,277,236 1,11,277,236 1,11,277,236 1,11,272 1,111,272 1,111,272 <th1,112< th=""> 1,111,272 <th1,1< td=""><td>FEO 714 7153000 1/17/271-335 1/17/271-335 1/17/271-335 1/17/271-335 1/11/2</td></th1,1<></th1,112<>	FEO 714 7153000 1/17/271-335 1/17/271-335 1/17/271-335 1/17/271-335 1/11/2	
Rev 360 66,177,000 3.437,788,864 28,690,665 3,465,916,666 1,416,266 1,417,221 1,40,224,022 3,623,797,863 7,796,033 Rev 360 2,472,307,712 2,444,254 2,697,366,031 66,977,969 66,977,796 3,033,064,441 24,183,300 Rev 360 7,444,254 2,444,254 2,697,366,031 66,977,769 3,033,064,441 24,183,300	RFO 350 66,174,000 3,427,786,854 28,150,405 3,495,816,659 99,10,16,404 (144,722) RFO 350 74,533,600 2,977,207,732 2,442,544 2,697,335,6031 96,176,559 66,176,559 (256,569)	
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CENTRAL POWER PURCHASING AGENCY (CPPA) Energy Procurement Report (Provisional) For the Month of July 2022

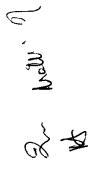
		Hat	Fuel	Dep. Canadity	Energy KWh	Fuel Charges	VO&M Charges	(rr)	Prev. Adjustment in Fuel Cost	Prev. Adjustment in VOEM	Prev. Adjustment in EPP Total		Total Fuel Cost	Total VO&M	Total
		Habibultan Fauji Kabimeta			;	ź	ź		(III.)	(m)	ź		į	į	Energy Cost
		Fauji Kabirenia	Gas							•	•			1	(48.)
			3			163,601,612	7,927,994	171,729,806	19,655,865	(37,801)	19,816,064		183,457,477		181,347,
		Routch	RLM			400'110'111'1	4/0/000'LZ	1,112,300,050 B	•	(53.863)	(53.863)		100/1/0/11111		1,132,568,
		Saba Power It-h				3,662.378,946	176,871,541	3,839,250,487	•	(74,586)	(74,588)		3,062,378,946		3,639,175,
		Attern	Gas				-	-		•		•			
		LIberty	3			2,950,471,087	64,347,181	3,034,616,268		(30,635)	(30,636)	<u> </u>	2,950,471,087		3,034,787,
		Chashmu Nuclear	Nucl			210,222,002		257 246 661					257 BAG 661		271,224,172
		Cheeping Michael				279.622.757	•	279,622,757	•			•	279,622,757		279.622
		Chashma Nuclear-N	†-			301,432,676	•	301,432,676	-	•	•		301,432,678		301,432,6
		Karachi Nuclear Power Pla				315,105,428	-	315,105,428		•		•	315,105,428	•	315,105,4
		Karachi Nuclear Power Plu	+			664,249,518	•	804,248,518 4 ACT 020 474					014,249,249,010	•	684,249,
		Tavenir iran	╉			30.419.344.027	684,513,316	31,083,857,343			274,148,984	·	30,696,186,519		31,358,008.3
		Attock-Gen	RFO			1,436,860,336	86,118,059	1,522,978,397			(180,561,779)		1,446,556,072		1,342,396,6
		Attas Power	RFC			1,653,392,954	94,864,135	1,948,257,069			26,585,923	'	1,879,976,877		1,974,843,0
		Nishat Power	RFC			3,305,815,224	187,738,365	3,493,553,569			15,153,423		3,320,969,666	İ	3,506,707,0
		Foundation Power	Cas			754,238,820	#2,606,036 64 103 607	1 188 872 535			111,000		103,619,651	82,606,036 54 402 507	2 479 479 2 479 2
		Drient				074'801'001'0					13,155,931		13,155,931		3,1/5,034,0
		Vishat Chunlan	RFO		-	1,918,983,417	98,745,018	2,018,728,435	18,977,351		18,977,351		1,937,960,767		2,037,705,7
		Calf Bruner	RLN			2,699,330,616	86,337,096	2,785,667,712	(86,928)	-	(86,928)		2,699,243,608		2,765,580,7
			HSI.			254 780 D04	EG MAR D18	RUA 197 010	118 708 5411		(108,60C) (118,607,708,811)		(105,650) A17 467 453		100 240 7
		Engro Emergy				+48'007'1 EC	ai n'interior						-	C10'100'00	1'AL C'204
			RLNC			2,341,923,086	86,440,556	2,428,363,644					2,341,923,088	86,440,556	2,428,363,6
		Saphire Power	HSC	-				•			2,766,168		2,766,168		2,766,1
		Hubco Narowal	RFC			1,660,769,864	69,867,114	1,730,656,978			16,426,144		1,677,216,015	69,067,107	1,747,083,1
		Liberty Power				2,534,235,34/	EN1 COD 13	CRR' / RY' / HOL / 481' / 482			1211 ANA 11		1 574 1410 157	135,236,443	2,125,034,2 4, 166, 303,4
		Haimore		-		ani 'si i'cic'i					[289.775.174]		(289.775.174)		1 202 0201
			Gas			2,186,373,310	118,178,620	2,306,549,930					2,186,373,310		2,306,549,9
		I-MCI	Bagas			101,900,197	13,956,078	115,856,275	•	•	•	-	101,900,197		115,856,2
		III-MOr	Bage			96,201,792	13,857,810	110,059,602		•	•		26,201,792		110,059,6
		ž				4 105 001	000'100'C	4 151 274	•	2 003 007	2 003 007		4 106 /107	0001000	1'962'N
		Chimical Promer Memore Sumar Millia				-								-	
		Atmolz Industries Limited				136,867	17,759	154,625	•		-		136,867	17,759	154,625
		Chanaar Energy Limited					ALE AND NOT		-		101		44 708 010 ETG	114 740 -	
		China Hub Power (Pvt.) Li Encre PowerGen Ther TP				4,395,065,675	432,249,598		(236,128)		2,198,580		4,394,829,748	434,884,306	4,829,514,0
		Leyyah Sugar Mills									- 00 001	-			
		GATPL.				6,514,941,027	176,471,901						0,400,341,304		5,484,506,5 1 445 511 6
(10) (10) <th< td=""><td></td><td></td><td>RUN</td><td></td><td></td><td>15,421,358,335</td><td>156,875,817</td><td></td><td></td><td>•</td><td>(311,938,303)</td><td></td><td>15,109,421,032</td><td></td><td>15,266,296,5</td></th<>			RUN			15,421,358,335	156,875,817			•	(311,938,303)		15,109,421,032		15,266,296,5
		Havel) Bahadur Shah	i -			2,235,726,804	29,592,965					•	2,235,726,804		2,285,319,7
		Huaneng Shandong Ruy!	-			12,174,241,030	79,313,649				(72/38//27)		12,101,963,134		12, 181, 157, 1
Column Colum Colum Colum <td></td> <td>Buloki</td> <td></td> <td></td> <td></td> <td>000'700'945'0L</td> <td>201,061,171</td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td>2.075.954.398</td> <td></td> <td>0.050,062,61</td>		Buloki				000'700'945'0L	201,061,171				-		2.075.954.398		0.050,062,61
Columnation Columnation <thcolumnation< th=""> <thcolumnation< th=""></thcolumnation<></thcolumnation<>			÷			1,557,000,329	71.369.922			(38,904)	(36,904)		3.557,000,329		3.628.331.3
BLUE 100 <td>QLUS 1300 0001000 13040000 13040000 13040000 1</td> <td>Lucky Electric Power Co</td> <td>1</td> <td></td> <td></td> <td>4,511,627,348</td> <td>148,667,659</td> <td></td> <td></td> <td>(114,430)</td> <td>1,503,736,863</td> <td>, ,</td> <td>6,015,478,640</td> <td></td> <td>6,164,031,8</td>	QLUS 1300 0001000 13040000 13040000 13040000 1	Lucky Electric Power Co	1			4,511,627,348	148,667,659			(114,430)	1,503,736,863	, ,	6,015,478,640		6,164,031,8
Model 1380 <t< td=""><td>Model 1388 134844610 13484610 1</td><td>Punjab Thermal Power (P</td><td>r i</td><td></td><td></td><td>3,263,657,668</td><td>30,918,010</td><td></td><td></td><td>-</td><td>-</td><td></td><td>3,263,657,668</td><td></td><td>3,294,576,6</td></t<>	Model 1388 134844610 13484610 1	Punjab Thermal Power (P	r i			3,263,657,668	30,918,010			-	-		3,263,657,668		3,294,576,6
Mark Mark <th< td=""><td></td><td>Thar Energy Limited</td><td>-</td><td></td><td></td><td>400 674 505 676</td><td>3 RAB OLD K75</td><td>TAP 028 CC4 111</td><td></td><td></td><td>282 TTT 282</td><td></td><td>409 0K1 K03 136</td><td></td><td>444 745 447 4</td></th<>		Thar Energy Limited	-			400 674 505 676	3 RAB OLD K75	TAP 028 CC4 111			282 TTT 282		409 0K1 K03 136		444 745 447 4
Annu Statute S		IPP.s Too				138,993,939,603	3,512,657,888	142,505,497,490			566,926,267	, <u> </u>	139,749,691,654		143,073,423,71
Not S X(X) Not S X(X) Wird S Unspace S S Unspace S Unspace S Unspace S S S S S S S	Note SS SU(1) Note <td></td> <td>-</td> <td></td>		-												
With Solution Contraction Con	With With With With With With With With	TPS-Quetta	8				•	•		•				•	
Midel Display Contraction Non-operation		Zoriu	M.				+	-	•				•		
Mile 20 11/10/101 Note 50 11/10/101 <td< td=""><td>Nick 20 11,00,000 Nick 50 11,000 Nick <t< td=""><td>Free</td><td>5</td><td></td><td></td><td></td><td>•</td><td>ļ</td><td></td><td></td><td>• •</td><td></td><td>• • • • • • • • • • • • • • • • • • •</td><td>-</td><td></td></t<></td></td<>	Nick 20 11,00,000 Nick 50 11,000 Nick <t< td=""><td>Free</td><td>5</td><td></td><td></td><td></td><td>•</td><td>ļ</td><td></td><td></td><td>• •</td><td></td><td>• • • • • • • • • • • • • • • • • • •</td><td>-</td><td></td></t<>	Free	5				•	ļ			• •		• • • • • • • • • • • • • • • • • • •	-	
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With SS 1378/770 1378/	With With With With With With With With	Vourse Freend Lth					1				-		•	-	
With 50 11,66,100 1 Wind 99 1 <td>With 50 11,660,100 Mediation Mediation</td> <td>Metro Wind Power</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>	With 50 11,660,100 Mediation	Metro Wind Power				×				•	•		•		
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Wird 30 0.52465 400 40 NEPEX 31 0.52465 40 40 12466 40 31 0.52465 40 40 12466 40 31 0.52465 40 12466 40 31 0.52465 40 32 12466 40 31 32	Wird 30 0.5263500 647 32 9	Master Wind Power	Wi			2	•	0	•	•	••••••••••••••		•		
Prime Solution Weil Solution So	FPF(restrict) Liften Wei 50 Constant Wei 50 Constant Mode 50 Constant 50 <th< td=""><td>Tenaga Generasi</td><td></td><td></td><td></td><td>191</td><td></td><td>R</td><td></td><td>•</td><td></td><td>•</td><td></td><td>•</td><td></td></th<>	Tenaga Generasi				191		R		•		•		•	
Wind DD 11313/10 Utransmit C 1 Wind DD 11313/10 Utransmit C	Wire B 1131A/F U <thu< td=""><td>Tapal Wind</td><td>initered a</td><td>+</td><td></td><td></td><td></td><td>Y</td><td></td><td></td><td>•</td><td></td><td></td><td>. ,</td><td></td></thu<>	Tapal Wind	initered a	+				Y			•			. ,	
Wist 08 3.041.086 MMMH1 1 1 1 Sain 100 11.283.180	Wist 08 3.4.61.080 Monthall 1 1 Sair 100 11.82.530 11.82.530 11.82.541 11.82.541 Sair 100 12.541.580 11.82.542 11.82.541 11.82.541 Sair 100 12.541.580 12.541.580 11.82.541 11.82.541 Sair 100 12.541.580 12.641.540 11.82.541 11.82.541 Sair 100 12.541.580 11.81.540 11.81.541 11.81.541 Wird 20 14.541.560 11.81.540 11.81.541 11.81.541 11.81.541 Wird 20 14.541.560 11.81.541 11.81.541 11.81.541 11.81.541 Wird 20 14.541.560 11.81.541 11.81.541 11.81.541 11.81.541 11.81.541 Wird 20 14.541.540 11.81.541 11.81.541 11.81.541 11.81.541 11.81.541 11.81.541 11.81.541 11.81.541 11.81.541 11.81.541 11.81.541 11.81.541 11	INDIGOTINA LAWOOD FOR				ī	1					•	•		
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Sale 10 2.833,400 10 2.833,400 10 Sale 13 2.833,400 1 1.773,270 1 <td>Sale 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10</td> <td>Beet Green Energy</td> <td>8</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>	Sale 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10 2.835.160 10	Beet Green Energy	8	-			• •						•	•	•
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Write SQ 15.3/1.580 ·	Wind SQ 15.341.580 ····· ····· ····· ····	Al Solar	3			1			-			•		•	
Wind SS 11,235,500 ·····	Write S2 14.245.600 ·	AEP Wind	1×				×		••		•	•		•	
Wind S0 14.31,190 - <	Wind SD 1433139	Shampir Wind	1M							'				•	
Wind S0 12.223.965 ·· ·	Wind S0 12.2023 905 -	HAWA Wind	×				•		•	•			•		
Wind Si 12.560/122 ·	Wind 50 12.566/102 -	101	W			-	•		•	-	•	•	•	•	
Wind 50 16,126,971 -	Wird 50 13.73.877 - <	Tos	*			•					•				
Wind 50 15/28/323 - <	Wind 50 15,738,922 Wind 50 15,566,705 Wine 50 15,466,548	Tricon Boston-A	ž										-	•	•
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[50] 50]1 [5.441.544]		T. icon Baston-C	×						· · · · · · · · · · · · · · · · · · ·	-	· · · · · · · · · · · · · · · · · · ·				
		ZEPHYR Wind	ŝ			-			ر		, (-			

CENTRAL POWER PURCHASING AGENCY (CPPA) Energy Procurament Report (Provisional) For the Month of July 2022

		0.1													
S. Shi		Power Producers	Fuel	8	Energy KWh	Fuel Charges Ra.	VORM Charges Ba	EPP Billing month (Rs.)	Prev. Adjustment in Fuel Cost	Prev. Adjustment In VO&M Re 1	Prev. Adjustment in EPP Total B.	Supp. Charges	Total Fuel Cost Rs.	Total VO&M Rs.	Total
				(IMM)			ž		1-1-1-1		ż				Energy cost (Ra.)
		Foundation Wind Energy-8 (Pvt.) Limited	PUIM	3	12,959,360	-	•	•	•		•				
-	22	Master Green Energy Limited	PUM	3		•	•	1		-	•	•			•
	3	ľ	Mind	20	17,006,530	-		•	•		•	•	•		
	3	Ţ	215	20		•	•	1			•		•		
•	2	T	Wind	20	15,873,890		•	•	•		•	1	,	•	-
	3	1	Mind	8		•	•)	•	•		•			
•	37	T	Mind	8		•	•	1					•	•	
	2	T	Wind	8	15,450,910			•				•			
	2	!	Mind	5	15,483,940	•	•		-				•	•	
	9	Gut Ahmed Electric Limited	Puiv	50	17,152,460		•	•	•		•	•	•		
<u> </u>	Ŧ	Zhenta Paklatan New Energy Company Limit	t Solar	50	17,428,800	•	•	•	-			•		•	
	3	Liberty Wind Power-4 (Pvt.) Ltd.			15,602,860	•	•	,			•			•	
	2	1	Wind	50	17,355,980	-		•	-		-	•		•	
	\$		PUIM	50	23,145,150	•	•	•	•		•		•		
<u> </u>	3	Ţ	Mixed	257		80,503,096	•	80,503,096			•	•	80,503,096		80.503.096
		Suth-Fotal		2,643	4	80,503,096		80,503,096			•	•	80,503,096	•	80.503.096
		G-Total:		39,760	14,150,914,898	151,545,872,214	4,623,670,375	156,169,542,589	752,370,232	(189,779,670)	562,590,563		162,298,242,447	4,433,890,705	156,732,133,152
Summery															
-	L	Hydel			4,976,931,717		711,230,303	711,230,303	•	(953,885)	(853,855)		•	710,278,418	710,276,418
~		Cont			1,802,186,700	36,435,974,110	953,311,368	37,389,285,478	1,431,337,288	2,161,550	1,433,496,818		37,867,311,378	955,472,915	36.622.784.294
•		HSD			205,973,422	5,744,300,357	80,588,492	5,824,886,849	(274,416,525)		(274,416,525)		5,469,683,832	80,588,492	5,550,472,324
4		F.O.			876,919,566	31,304,650,299	1,010,801,709	32,315,452,009	356,789,665	(192	163,977,260		31,661,439,984	817,989,284	32,479,429,269
5		0.1			1,456,405,616	14,603,212,198	803,137,366	15,406,349,584	(102,883,666))			14,500,328,532	802,985,880	15,303,314,412
		RLNG			2,119,550,447	59,961,915,279	1,030,952,598	60,992,867,877	(656,456,427)	(26,410)	(658,482,837)		59,303,458,851	1,030,926,188	60,334,385,040
	1	Nuclear			2,009,541,000	2,108,626,703	•	2,108,626,703	-		•	•	2,108,626,703	•	2.108.626.703
7		Import from Iran	1		46,572,400	1,063,620,471		1,063,620,471	(103)		(103)	•	1,063,620,369	-	1,063,620,369
-		Wind Power			518,503,237	•	•	•			1	•	,	•	
6		Solar			70,772,370	•	•	•		-		•	•		•
2		Bagaste			40,632,159	243,069,702	33,648,521	276,718,222	0	2,003,007	2,003,007	•	243,069,702	35,651,527	276.721.229
÷		Mixed			16,924,264	80,503,096		80,503,096		•			80,503,096	•	80,503,086
			Tot	otals For The month	14,150,914,898	151,545,872,214	4,623,670,375	156,169,542,589	752,370,232	(189,779,670)	562,590,563		152,298,242,447	4,433,890,705	156,732,133,152
			4	Prev. Adjustments :		752,370,232		562,590,563							
			1	GRAND TOTALs:	14,136,981,558	152,298,242,447	4,433,890,705	156,732,133,152							

960'02'08	80,503,096		156,169,542,589	562,590,563	156,732,133,152	156,732,133,152	1,164,965,679	155,567,167,473	13,760,317,812	11.3055		~
	33,548,521	-	4,623,670,375	(159,779,570)	4,433,890,705	4,433,890,705	1	4,433,890,705	13,760,317,812	0.3222		
	243,069,702	80,503,096	151,545,872,214	752,370,232	152,298,242,447	152,298,242,447	1,164,965,679	151,133,276,768	13,760,317,812	10.9833	6.2879	4.6954
	40,632,159	16,924,264	14,150,914,598	(13,933,340)	14,136,981,558	Energy Cost (Rs.)	Cost not changeable to DISCOs (Ra.)	EPP (Chargeable) {Rs.)	Energy Sold (KWh)	Avg. Rate (Ra /KWh)	Reference. Rate (Rs./KWh)	FCA. Rate (Rs./KWh)
			Totals For The month	Prev. Adjustments :	GRAND TOTALS :	Energ	Cost not charg	EPP (Ch	Energ	Avg. R	Reference	FCA. R





				Annex-II
	Source Wis	e Generation		
		July 20	22	
Sources	Refere	nce	Actual	
	GWh	%	GWh	%
Hydel	4,722.48	33.18%	4,976.93	35.16%
Coal	2,280.78	16.03%	1,802.19	12.73%
HSD	-	0.00%	205.97	1.46%
RFO	621.39	4.37%	876.92	6.20%
Gas	1,578.27	11.09%	1,466.41	10.36%
RLNG	3,254.01	22.87%	2,119.55	14.97%
Nuclear	1,021.69	7.18%	2,009.54	14.20%
Import Iran	51.42	0.36%	46.57	0.33%
Mixed	13.87	0.10%	16.92	0.12%
Wind	582.41	4.09%	521.72	3.69%
Baggasse	37.46	0.26%	40.63	0.29%
Solar	67.49	0.47%	70.77	0.50%
Total	14,231.29	100.0%	14,154.13	100.0%
Sale to IPPs	(16.00)	-0.11%	(29.18)	-0.21%
Transmission Losses	(399.84)	-2.81%	(362.69)	-2.56%
Net Delivered	13,815.45	97.1%	13,762.26	97.23%

So	urce Wise Fuel Co	ost/Energy Purchase	Price	
		July 2	022	
Sources	Refer	rence	Actua	1
	Mlns. Rs.	Rs./kWh	Mlns. Rs.	Rs./kWh
Hydel	_			-
Coal	> 27,479.10	12.0481	36,089.07	20.0251
Coal HSD	<u> </u>	<u> </u>	5,744.30	27.8886
RFO	8,132.36	13.0873	31,304.65	35.6984
	R 12,871.43	8.1554	14,603.21	9.9585
RING AUTHORITY	≥ 36,803.01	11.3100	55,968.46	26.4058
Nuclear	1,012.46	0.9910	2,108.63	1.0493
Import Iran	665.49	12.9410	1,063.62	22.8380
Mixed	91.38	6.5872	80.50	4.7567
Wind	-	-	_	_
Baggasse	231.50	6.1801	243.07	5.9822
Solar	-	-	-	-
Total	87,286.73	6.1334	147,205.52	10.4002
Supplemental Charges	-	-	752.37	0.0532
Sale to IPPs	(416.81)	-	(1,164.97)	(39.9270)
Grand Total	86,869.93	6.1042	146,792.93	10.3710
Transmission Losses	_	0.1837	-	0.2953
Total	86,869.93	6.2879	146,792.93	10.6663
EMO Dedcutions			(481.6)	
Net Total	86,870	6.2879	146,311	10.6314

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To Be Published in Official Gazette of Pakistan Part-II



NOTIFICATION

Islamabad, the September 12, 2022

S.R.O. (724 (I)/2022: - 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 adjustments on account of variations in fuel charges in the approved tariff of XWDISCOs. The following is the fuel charges adjustment for the month of July 2022 in respect of Ex-WAPDA Distribution Companies (XWDISCOs):

Description	July 2022
Actual Fuel Charge Component for July 2022	Rs.10.6314/kWh
Corresponding Reference Fuel Charge Component	Rs.6.2879/kWh
Fuel Price Variation for the month of July 2022 - Increase	Rs.4.3435/kWh

Note: The Authority has reviewed and assessed an increase of Rs.4.3435/kWh in the applicable tariff for Ex-WAPDA DISCOs on account of variation in the fuel charges for the month of July 2022 as per the above details.

2. The above adjustment an increase of Rs.4.3435/kWh shall be applicable to all the consumer categories except Electric Vehicle Charging Stations (EVCS) and 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 July 2022 by the XWDISCOs. XWDISCOs shall reflect the fuel charges adjustment in respect of July 2022 in the billing month of September 2022.

3. 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.

リンロラーンン (Syed Safeer Hussain) Registrar

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