



Registrar

National Electric Power Regulatory Authority Islamic Republic of Pakistan

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No. NEPRA/R/TRF-100/MFPA/35981-97

September 10, 2021

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 2021 for XWDISCOs along with Notification Thereof**

Enclosed please find herewith copy of the decision of the Authority (10 pages) regarding adjustment in fuel charges in respect of Ex-WAPDA Distribution Companies for the month of July 2021 along with its Notification i.e. S.R.O. 1133(I)/2021 dated 10.09.2021.

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)


10 09 21
(Syed Safer Hussain)

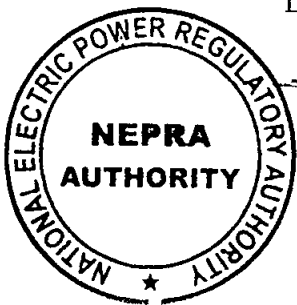
CC:

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. Managing Director, PEPCO, 721 - WAPDA House, Lahore.
5. Member (Power), WAPDA, WAPDA House, Lahore.
6. Managing Director, NTDC, 414 WAPDA House, Lahore.
7. 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 2021 FOR EX-WAPDA DISCOS**

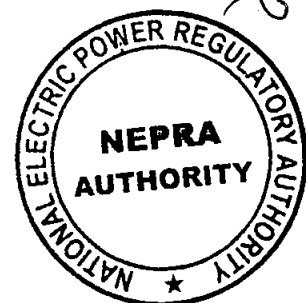
1. Pursuant to the provisions of Section 31(7) of the Regulation of Generation, Transmission and Distribution of Electric Power Act 1997, (NEPRA Act) read with the mechanism/formula determined by the Authority in the tariff determinations for Ex-WAPDA DISCOs notified in the Official gazette, the Authority 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 July 2021, 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 reviewed the information provided by CPPA-G seeking monthly fuel 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 2021 is Rs.6.7485/kWh, against the reference fuel cost component of Rs.5.2798/kWh as indicated in the Annexure-IV of the notified consumer-end tariff of Ex-WAPDA DISCOs for the FY 2019-20. The actual fuel charges, as reported by CPPA-G, for the month of July 2021 increased by Rs.1.4687/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 18, 2021 and also uploaded on NEPRA's Website for information of all concerned stakeholders.
5. The Authority conducted the hearing in the matter on September 01, 2021 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), Ministry of Energy and Ministry of Finance despite serving the hearing notice.
7. 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.
 - iii. All payments to IPPs are being made after observing all formalities provided in the respective Power Purchase Agreements.
 - iv. All purchases have been made in accordance with the Power Purchase Agreement
 - v. 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.
- c) Power Plants Operations**
- i. 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 2021.
 - ii. 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 .
8. 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.
9. The Authority, from the data provided by CPPA-G, observed that fuel cost of certain power plants has not been claimed by CPPA-G as per the Authority's approved rates, accordingly, the same has been adjusted downward in line with the Authority's approved rates for the month of July 2021, as detailed below;

Power Producer	Energy kWh	Fuel Cost claimed by CPPA-G Rs.	Fuel Cost as per Authority's approved rates Rs.	Adjustment Rs.
Guddu 747	250,741,000	1,491,004,713	1,490,680,319	(324,394)
Jamshoro Block 1	21,150,500	470,769,207	469,049,351	(1,719,856)
Engro Power Gen Thar	380,194,700	3,533,228,148	3,481,689,585	(51,538,562)
Sapphire	27,725,991	573,290,310	564,531,758	(8,758,552)
Total	679,812,191	6,068,292,378	6,005,951,013	(62,341,365)





10. Further, Energy reported by CPPA-G against the following plants has been adjusted based on the Joint meter reading report.

Power Producers	Energy Claimed by CPPA-G (KWh)	Energy from Joint Meter Reading (KWh) NEPRA Technical	Difference (kWh)
A			
1 WAPDA	3,721,804,005	3,722,898,588	(1,094,583)
2 Hub Power	201,458,200	201,264,900	193,300
3 Saba Power	31,124,986	31,236,500	(111,514)
4 Attock-Gen	78,217,108	78,217,283	(175)
5 Atlas Power	110,416,892	110,417,133	(241)
6 Foundation Power	115,696,891	116,069,388	(372,497)
7 Orient	65,436,072	101,176,356	(3,352)
	35,736,932		
8 Saif Power	86,268,634	115,836,090	(54)
	29,567,402		
9 Engro Energy	69,250,059	78,233,931	(630,047)
	8,353,825		
10 Halmore	35,176,257	39,096,288	(6,356)
	3,913,675		
11 Uch-II	252,521,219	252,547,092	(25,873)
12 Almoiz Industries	-	3	(3)
13 QATPL	659,823,861	659,831,000	(670)
14	6,469		
Total	5,504,772,487	5,506,824,552	(2,052,065)

11. The Authority also observed that CPPA-G has purchased energy of 40.093 GWh from Tavanir Iran in July 2021 at a cost of Rs.468 million. Since, the Authority has returned the request of CPPA-G for extension in the Contract between CPPA-G and TAVANIR, Iran for Supply of 104 MW being not filed in accordance with the Import of Power Regulations 2017, therefore, the cost of electricity purchased from Tavanir Iran is being allowed strictly on provisional basis, subject to its adjustment once the Authority approves the extension in the contract between NTDC/CPPA-G and Tavanir Iran. The cost being allowed on provisional basis is to avoid piling up of the cost and one time burdening of the consumers in future.
12. CPPA-G also claimed amount of Rs.1,754 million on account of previous adjustments for the month of July 2021. However, the Authority verified the same as Rs.1,587 million, which has been included in the monthly FCAs of July 2021. A summary of the amount claimed by CPPA-G and allowed by the Authority is as under;

f d





Power Producer	Prev. Adj. Claimed by CPPA-G Rs.	Prev. Adj. Proposed Rs.	Difference
Guddu 747	(89,194,848)	(89,194,848)	-
Nandipur	238,206,304	238,206,303	(0)
Saba Power	(9,549,817)	(9,549,817)	-
Tavanir Iran	57,187,509	-	(57,187,509)
Attock-Gen	(28,358,148)	(28,358,148)	-
Atlas Power	5,804,918	5,804,918	-
Nishat Power	15,598,803	15,598,803	-
Foundation Power	(2,619,143)	(2,619,143)	-
Orient	31,633,559	31,633,559	-
	(6,303,777)	(6,303,777)	-
Nishat Chunian	13,131,550	13,131,550	0
Saif Power	30,245,032	30,245,032	-
	(2,668,897)	(2,668,897)	-
Engro Energy	(12,605,072)	(12,605,072)	-
Sapphire Power	38,944,016	38,944,016	-
	301,806,662	301,806,662	-
Hubco Narowal	5,648,705	5,648,705	-
Liberty Power	35,899,995	35,899,995	-
Halmore	35,968,425	35,968,425	-
Uch-II	(237,421)	(237,421)	-
China Hub Power (Pvt.) Ltd	(46,036,445)	(46,036,445)	-
Engro PowerGen Thar TPS	(71,629,599)	(71,629,599)	-
QATPL	869,323,803	815,394,192	(53,929,610)
Haveli Bahadur Shah	97,655,885	97,655,886	0
Sahiwal Coal	(1,304,398)	(1,304,398)	-
Baloki	250,275,540	194,065,153	(56,210,387)
Port Qasim	(2,371,794)	(2,371,794)	-
Total	1,754,451,348	1,587,123,842	(167,327,506)

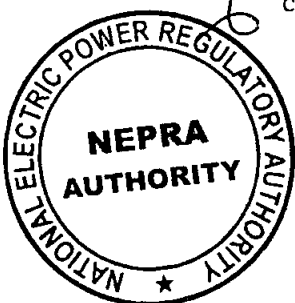
13. As per the data submitted by CPPA-G, XWDISCOs purchased 9.88 GWh from Captive Power Plants (CPPs) during July 2021, for which CPPA-G provided actual details of energy purchased from these plants. According to the details provided by CPPA-G, the actual fuel cost of this energy is Rs.44.316 million. However, the same as per the NEPRA approved mechanism, works out as Rs.44.315 million, which has been considered while working out the FCA of July 2021.

✓ 14. During the hearing, the Authority also observed that, prima facie, certain efficient power plants were not fully utilized and instead energy from costlier RFO/HSD based power plants was generated to the tune of over Rs.29,924 million during the month of July 2021. 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 24hours, 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;

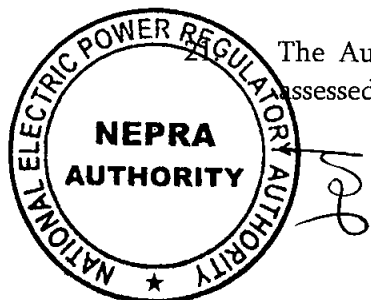
- all dispatch deviation from merit order;
- the plants available but not dispatched ; and
- Dispatch deviation justified or unjustified in terms of SDC of Grid Code along-with their financial impact.





- III. 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 2021, 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/HSD, 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 due to underutilization of efficient power plants works out as Rs.218 million. The Authority has decided to deduct this amount 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.
17. Further, while reviewing the FCA claim the Authority also observed that Partial Load was provided to Balloki and QATPL power plants while one (01) GT of the these power plants was on Forced Outage, which is non-performance/fault of the said power producers. The Authority is of the considered view that Part Load can only be provided if the Plant is available but NPCC despatches it on part load due to system requirement. Foregoing in view, Part Load cannot be provided to the said power plants, while one GT of these power plants was on forced outage and was not available for despatch. Therefore, an amount of Rs.701.92 million (Rs.672 million for Balloki for the period from March 02, 2021 to July 04, 2021 & Rs.30 million for QATPL for the period from May 29, 2021 to June 01, 2021) has been deducted on account of Partial Load charges, while working out the FCA of July 2021.
18. In view of the above discussion, the Authority has calculated the fuel cost for the month of July 2021, 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 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. NTDC, reported provisional T&T losses of 426.44 GWh i.e. 2.90% based on energy delivered on NTDC system during July 2021 i.e. 14,684, considering fact the claimed T&T losses are higher than the Authority's allowed limit of 2.80%, therefore, T&T losses of 411.15 GWh i.e. 2.80% based on energy received by NTDC i.e. 14,684 GWh are considered while working out FCA of July 2021.
20. 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.

The Authority, after incorporating the aforementioned adjustments, has reviewed and assessed an increase of Rs.1.3771/kWh (Annex-II) in the applicable tariff for XWDISCOs

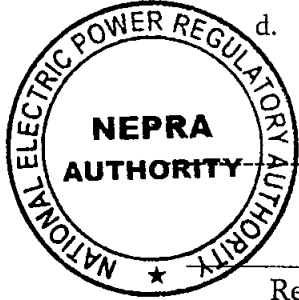




on account of variations in the fuel charges for the month of July 2021 as per the following details:

Actual Fuel Charge Component for July 2021	Rs.6.6570/kWh
Corresponding Reference Fuel Charge Component	Rs.5.2798/kWh
Fuel Price Variation for the month of July 2021-Increase	Rs.1.3771/kWh

22. In view of the aforementioned, the Authority has decided that adjustment as referred in Para 21 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 July 2021.
 - XWDISCOs shall reflect the fuel charges adjustment in respect of July 2021 in the billing month of September 2021; and
 - 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.



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Rehmatullah Baloch
Member

AUTHORITY

Engr. Maqsood Anwar Khan
Member



Rafique Ahmed Shaikh
Vice Chairman

Tauseef H. Farooqi
Chairman

System Operator & CPPA-G both have once again failed to comply with directions of regulator regarding provision of financial impact against violation of Economic Merit order in power plant operations.

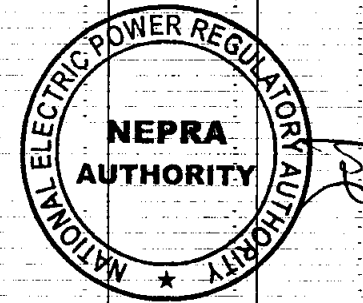
Financial burden for Non-availability of RLNG shall not be passed on to consumers.

All energy generated shall be taken into account by CPPA-G, which is submitting the monthly FCA. Nepra team reported that energy from some plants has not been taken into account.

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CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of July 2021

S.No.	Power Producers	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+G	K=I+J	
1	<i>Hydel</i>														
	WAPDA	Hydel	6,902	3,721,804,005		308,866,336	308,866,336								
	Jagran	Hydel	30	18,838,426		48,791,523	48,791,523		(116,832)	(116,832)			308,749,504	308,749,504	
	Pehure	Hydel	18										48,791,523	48,791,523	
	Malakand-III SHYDO	Hydel	81	38,940,880		12,332,570	12,332,570						12,332,570	12,332,570	
	Laralb	Hydel	54	24,829,170		7,892,077	7,892,077			695,768,390	695,768,390		703,480,467	703,480,467	
	Star Hydro	Hydel	147	108,831,000		19,045,425	19,045,425						19,045,425	19,045,425	
	Head Maratta	Hydel	8	3,920,079											
	Neelum Jhelum	Hydel	969	707,380,800											
	Tarbela Ext. 4	Hydel	1,478												
	Mira Power Limited	Hydel	101	43,994,500		8,539,332	8,539,332						8,539,332	8,539,332	
	Daral Khwar	Hydel	37	17,364,670											
Ranolia	Hydel	17	8,761,710												
Hydel Total:			9,872	4,694,695,220		405,267,263	405,267,263		695,651,558	695,651,558			1,100,918,821	1,100,918,821	
i	Ex-WAPDA GENCOs														
	GENCO-I ***														
	Jamshoro Block 1 Unit 1	RFO Gas	205	21,150,500	470,769,207	1,956,422	472,725,629					470,769,207	1,956,422	472,725,629	
	Jamshoro Block 2 Unit-2	RFO Gas	470	(389,500)	9,695,796	(36,029)	9,659,767					9,695,796	(36,029)	9,659,767	
	Unit-3	RFO Gas		40,413,000	961,740,995	3,738,202	965,479,197					961,740,995	3,738,202	965,479,197	
	Unit-4	RLNG Gas													
	Unit-4	RLNG Gas													
	Unit-4	RLNG RFO		13,475,000	309,732,834	1,246,437	310,979,271						309,732,834	1,246,437	310,979,271
	Kotri 3-7 Jamshoro Block 4	Gas	107												
	Jamshoro Total		782	74,649,000	1,751,938,832	6,905,032	1,758,843,864						1,751,938,832	6,905,032	1,758,843,864
	GENCO-II ***														
	Guddu CC Block 1 (CC)	Gas	350												
Central Block 2 (CC)	Gas		82,350,600	669,098,625	5,673,956	674,772,581						669,098,625	5,673,956	674,772,581	
Guddu (CC) Block-2	Gas	530													
Block 3 (unit 3&4)	Gas														
Guddu 747 (CC)	Gas	721	250,741,000	1,491,004,713	136,001,918	1,627,006,631	(89,194,848)	(107,787)	(89,302,635)		1,401,809,866	135,894,131	1,537,703,996		
Central Total		1,641	333,091,600	2,160,103,338	141,675,874	2,301,779,212	(89,194,848)	(107,787)	(89,302,635)		2,070,908,491	141,566,087	2,212,474,577		
ii	GENCO-III ***														
	Northern Block 1														
	Unit 1	RFO	556	28,433,720	638,501,929	4,620,480	643,122,409					638,501,929	4,620,480	643,122,409	
	Unit 2	RFO													
	Unit 3	RFO		50,709,372	1,122,484,571	8,240,273	1,130,724,844					1,122,484,571	8,240,273	1,130,724,844	
	Unit 1	Gas		(699,465)	(7,303,464)		(7,303,464)					(699,465)	(7,303,464)	(7,303,464)	
	Unit 2	Gas		(940,896)	(9,953,832)		(9,953,832)					(940,896)	(9,953,832)	(9,953,832)	
	Unit 3	Gas		(251,980)	(2,576,142)		(2,576,142)					(251,980)	(2,576,142)	(2,576,142)	
	Unit 1	RLNG													
	Unit 2	RLNG													
	Unit 3	RLNG													
	Unit 3	RLNG													
Northern Block 2															
Block-2 Unit 4	RFO	272													
Block-2 Unit 4	GAS		(146,916)	(1,499,895)		(1,499,895)						(1,499,895)	(1,499,895)		
Block-2 Unit 4	RLNG														
Northern Block 3															
Block-3 Unit 5	RFO	355	(160,408)	(1,740,491)		(1,740,491)						(1,740,491)	(1,740,491)		
Block-3 Unit 5	Gas														
Block-3 Unit 5	RLNG														
Block-3 Unit 6	RFO		(160,408)	(1,786,528)		(1,786,528)						(1,786,528)	(1,786,528)		
Block-3 Unit 6	Gas														
Block-3 Unit 6	RLNG														
Northern Block 4															
Northern Block 5	RLNG	117	33,519,235	632,125,535	5,446,876	637,572,411						632,125,535	5,446,876	637,572,411	
Northern Block 5	RFO	97													
Northern Block 5	Gas		(20,235)	(169,496)		(169,496)						(169,496)	(169,496)		
Northern Block 6	Gas	75													
Nandipur	RLNG	411	302,330,000	4,568,163,627	185,358,523	4,753,522,150	238,206,304		238,206,304		4,806,369,931	185,358,523	4,991,728,454		
Northern Total:		1,884	472,672,019	6,936,245,814	203,666,152	7,139,911,966	238,206,304		238,206,304		7,174,452,718	203,666,152	7,378,118,270		
iv	GENCO-IV LAKHRA														
	Coal	31													
Sub-Total:		31													
GENCOs Total:-		4,337	820,352,619	10,846,287,984	352,247,058	11,200,535,042	149,011,456		(107,787)	148,903,669		10,997,299,440	352,139,271	11,349,438,711	
3	IPP:														
	1														
	Kot Addu Block 1	RFO	325	185,721,937	2,730,442,619		2,730,442,619					2,730,442,619		2,730,442,619	
		RLNG		37,345,976	586,023,364		586,023,364							586,023,364	
Kot Addu Block 2	RFO	762	192,204,437	3,039,875,313		3,039,875,313					3,039,875,313		3,039,875,313		
	RLNG		247,175,175	4,211,392,696		4,211,392,696							4,211,392,696		
Kot Addu Block 3	RLNG	249	108,082,574	1,895,537,546		1,895,537,546							1,895,537,546		

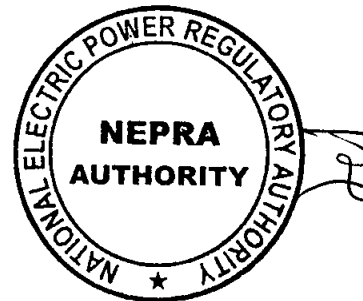


CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of July 2021

S.No.	Power Producers	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.)	
18	Best Green Energy	Solar	100	14,333,030	-	-	-	-	-	-	-	-	-	-	
19	Crest Energy	Solar	100	14,550,580	-	-	-	-	-	-	-	-	-	-	
20	Harappa	Solar	18	3,041,490	-	-	-	-	-	-	-	-	-	-	
21	AJ Solar	Solar	18	1,638,810	-	-	-	-	-	-	-	-	-	-	
22	AEP Wind	Wind	50	28,944,200	-	-	-	-	-	-	-	-	-	-	
23	Jhampir Wind	Wind	50	25,229,090	-	-	-	-	-	-	-	-	-	-	
24	HAWA Wind	Wind	50	23,914,330	-	-	-	-	-	-	-	-	-	-	
25	TGT	Wind	50	21,412,490	-	-	-	-	-	-	-	-	-	-	
26	TGS	Wind	50	21,380,370	-	-	-	-	-	-	-	-	-	-	
27	Tricon Boston-A	Wind	50	26,240,147	-	-	-	-	-	-	-	-	-	-	
28	Tricon Boston-B	Wind	50	25,555,468	-	-	-	-	-	-	-	-	-	-	
29	Tricon Boston-C	Wind	50	25,421,722	-	-	-	-	-	-	-	-	-	-	
30	ZEPHYR Wind	Wind	50	27,139,473	-	-	-	-	-	-	-	-	-	-	
31	Foundation Wind Energy-II (Pvt.) Limited	Wind	50	22,552,870	-	-	-	-	-	-	-	-	-	-	
32	SPPs	Mixed	257	9,881,874	44,316,216	-	44,316,216	-	-	-	-	44,316,216	-	44,316,216	
Sub-Total			1,887	622,076,242	44,316,216	-	44,316,216	-	-	-	-	44,316,216	-	44,316,216	
G-Total:			34,550	15,879,722,096	101,374,827,071	4,030,600,791	105,405,427,862	1,754,451,345	990,390,695	2,744,842,040	-	103,129,278,416	5,020,991,486	108,150,269,902	
Summary															
1	Hydel			4,894,865,220	-	405,267,263	405,267,263	-	695,651,558	695,651,558	-	-	1,100,918,821	1,100,918,821	
2	Coal			2,383,327,800	20,043,922,217	928,288,174	20,972,210,392	(121,342,236)	(493,145)	(121,835,381)	-	19,922,679,981	927,795,029	20,850,375,010	
3	HSD			123,468,094	2,388,530,994	83,698,929	2,472,229,923	292,833,885	(492,214)	292,341,771	-	2,681,364,979	83,206,715	2,764,571,694	
4	F.O.			1,812,343,217	27,536,012,583	906,689,771	28,442,702,354	38,176,008	(6,350,385)	31,825,623	-	27,574,188,888	900,338,386	28,474,527,275	
5	Gas			1,381,171,911	11,123,455,000	690,202,908	11,773,657,908	(104,656,484)	(871,593)	(105,528,077)	-	11,018,798,517	649,331,316	11,668,129,832	
6	RLNG			3,137,879,332	37,841,743,737	1,023,407,293	38,865,151,030	1,592,252,564	303,123,445	1,895,376,010	-	39,433,986,302	1,326,530,738	40,760,527,040	
6	Nuclear			1,659,861,000	1,659,811,813	-	1,659,811,813	-	(4)	(4)	-	1,659,811,813	(4)	1,659,811,809	
7	Import from Iran			40,093,000	487,738,121	-	487,738,121	-	-	-	-	524,925,630	-	524,925,630	
8	Wind Power			550,374,408	-	-	-	57,187,509	-	57,187,509	-	-	-	-	
9	Solar			61,819,980	-	-	-	-	-	-	-	-	-	-	
10	Bagasse			45,016,280	269,296,390	33,046,451	302,342,841	(0)	(178,966)	(178,966)	-	289,296,390	32,869,485	302,165,875	
11	Mixed			9,881,874	44,316,216	-	44,316,216	-	-	-	-	44,316,216	-	44,316,216	
Totals For The month				15,678,722,096	101,374,827,071	4,030,600,791	105,405,427,862	1,754,451,345	990,390,695	2,744,842,040	-	103,129,278,416	5,020,991,486	108,150,269,902	
Prev. Adjustments :				(7,480,520)	-	1,754,451,345	990,390,695	2,744,842,040	-	-	-	-	-	-	-
GRAND TOTALS :				15,672,241,576	103,129,278,416	5,020,991,486	108,150,269,902	-	-	-	-	-	-	-	-

Energy Cost (Rs.)	103,129,278,416	5,020,991,486	108,150,269,902
Cost not chargeable to DISCOs (Rs.)	422,574,263	-	422,574,263
EPP (Chargeable) (Rs.)	102,706,704,153	5,020,991,486	107,727,695,639
Energy Sold (KWh)	15,219,271,118	15,219,271,118	15,219,271,118
Avg. Rate (Rs./KWh)	6.7485	0.3299	7.0784

Reference Rate (Rs./KWh)	5.2798
FCA Rate (Rs./KWh)	1.4687

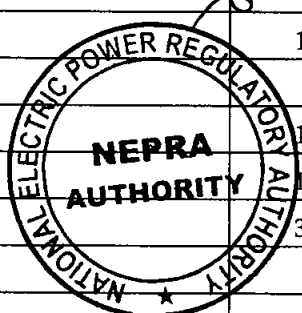


ADJUSTED

Annex-II

Source Wise Generation				
Sources	JULY 2021			
	Reference		Actual	
	GWh	%	GWh	%
Hydel	4,629.48	32.53%	4,695.76	29.94%
Coal	2,038.94	14.33%	2,383.33	15.20%
HSD	-	0.00%	123.49	0.79%
RFO	802.63	5.64%	1,612.26	10.28%
Gas	1,661.38	11.67%	1,362.20	8.69%
RLNG	3,516.71	24.71%	3,137.69	20.01%
Nuclear	826.64	5.81%	1,659.86	10.58%
Import Iran	53.47	0.38%	40.09	0.26%
Mixed	10.18	0.07%	9.88	0.06%
Wind	596.17	4.19%	550.37	3.51%
Baggasse	35.51	0.25%	45.02	0.29%
Solar	60.15	0.42%	61.82	0.39%
Total	14,231.29	100.0%	15,681.77	100.0%
Sale to IPPs	(20.24)	-0.14%	(14.82)	-0.09%
Transmission Losses	(372.53)	-2.62%	(411.16)	-2.62%
Net Delivered	13,838.52	97.2%	15,255.80	97.28%

Source Wise Fuel Cost/Energy Purchase Price				
Sources	JULY 2021			
	Reference		Actual	
	Mlns. Rs.	Rs./kWh	Mlns. Rs.	Rs./kWh
Hydel	-	-	-	-
Coal	15,957.13	7.8262	19,992.38	8.3884
HSD	-	-	2,388.53	19.3422
RFO	10,504.29	13.0873	27,316.29	16.9428
Gas	13,715.28	8.2554	11,123.13	8.1656
RLNG	31,542.13	8.9692	37,131.07	11.8339
Nuclear	844.70	1.0218	1,659.81	1.0000
Import Iran	618.74	11.5709	467.74	11.6663
Mixed	67.07	6.5872	44.32	4.4846
Wind	-	-	-	-
Baggasse	220.50	6.2089	269.30	5.9822
Solar	-	-	-	-
Total	73,469.83	5.1626	100,392.57	6.4019
Supplemental Charges	-	-	1,587.12	0.1012
Sale to IPPs	(404.76)	-	(422.57)	(28.5197)
Grand Total	73,065.07	5.1341	101,557.11	6.4761
Transmission Losses	-	0.1457	-	0.1808
Net Total	73,065.07	5.2798	101,557.11	6.6570



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National Electric Power Regulatory Authority



NOTIFICATION

Islamabad, the September 10, 2021

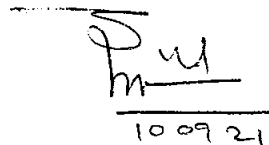
S.R.O. 1133 (I)/2021: – Pursuant to Section 31(7) of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 as amended through Regulation of Generation, Transmission and Distribution of Electric Power (Amendment) Act 2011, the National Electric Power Regulatory Authority 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 2021 in respect of Ex-WAPDA Distribution Companies (XWDISCOs):

Description	July 2021
Actual Fuel Charge Component for July 2021	Rs.6.6570/kWh
Corresponding Reference Fuel Charge Component	Rs.5.2798/kWh
Fuel Price Variation for the month of July 2021 - Increase	Rs.1.3771/kWh

Note. The Authority has reviewed and assessed an increase of Rs.1.3771/kWh in the applicable tariff for EX-WAPDA DISCOs on account of variation in the fuel charges for the month of July 2021 as per the above details.

2. The above adjustment an increase of Rs.1.3771/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 July 2021 by the XWDISCOs. XWDISCOs shall reflect the fuel charges adjustment in respect of July 2021 in the billing month of September 2021.

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.


10 09 21
(Syed Safer Hussain)
Registrar

