



National Electric Power Regulatory Authority

Islamic Republic of Pakistan

Registrar

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

No. NEPRA/R/DG(Tariff)TRF-100/MFPA/14731-46

June 12, 2023

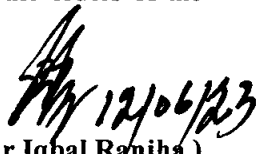
1.	Chief Executive Officer, Faisalabad Electric Supply Company Abdullahpur, Canal Bank Road Faisalabad	2.	Chief Executive Officer, Gujranwala Electric Power Company Ltd. 565/A, Model Town, G.T. Road, Gujranwala
3.	Chief Executive Officer, Hyderabad Electric Supply Co. Ltd. WAPDA Offices Complex, Hussainabad, 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 April 2023 for XWDISCOs along with Notification Thereof**

Enclosed please find herewith copy of the Decision of the Authority along with Additional Note each of Mr. Rafique Ahmed Shaikh, Member NEPRA and Mr. Tauseef H. Farooqi, Chairman NEPRA (total 13 Pages) regarding adjustment in fuel charges in respect of Ex-WAPDA Distribution Companies for the month of **April 2023** and its Notification i.e. S.R.O. 681 (I)/2023 dated June 12, 2023

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: (Decision alongwith Notification is also available on NEPRA's website)


(Engr. Mazhar Iqbal Ranjha)

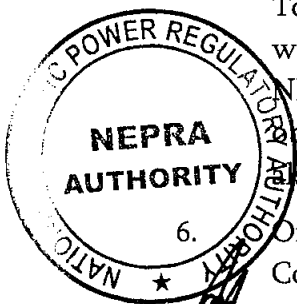
CC:

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 APRIL 2023 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 April 2023, 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 April 2023 is Rs.10.3975/kWh, against the reference fuel cost component of Rs.8.3875/kWh as indicated in the Annexure-IV of the notified consumer-end tariff of Ex-WAPDA DISCOs for the FY 2022-23. The actual fuel charges, as reported by CPPA-G, for the month of April 2023 increased by Rs.2.010/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 May 19, 2023 and also uploaded on NEPRA's Website for information of all concerned stakeholders.
5. The Authority conducted the hearing in the matter on May 31, 2023 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. The Authority observed that while submitting the monthly FCA request, CPPA-G and NTDC/NPCC certifies that;



Maw A

1/13



- 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 (HUBCO Inclusive)**
- i. All purchases have been made from IPPs under 1994 Policy, including HUBCO & 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
- 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 April 2023.
 - ii. Partial Loading of power plants strictly in accordance with the provision of their respective Power Purchase Agreement and the plants were operated on partial load as per system load demand variations and for fuel conversation where needed.
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 observed that CPPA-G has purchased energy of 30.4 GWh from Tavanir Iran in April 2023 at a cost of Rs.714 million, however, contract between CPPA-G and Tavanir Iran for import of Power up-to 104 MW has expired on





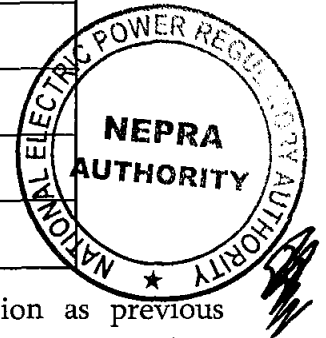
December 31, 2021. In view thereof, the cost of electricity purchased from Tavanir Iran is being allowed strictly on provisional basis, subject to its adjustment once the Authority decides the extension in the contract between CPPA-G and Tavanir Iran or otherwise. The cost being allowed on provisional basis is to avoid piling up of the cost and one time burdening of the consumers in future. In addition CPPA-G also claimed Negative Previous adjustment of Rs.109 million on account of Energy from Tavanir for the month of February 2023, the same has also been provisionally accounted for while working out the instant monthly FCA.

10. Regarding the current month cost of April 2023, the fuel cost of the following power plants have been adjusted downwards as per the Authority's latest approved FCC rates, as detailed below;

Plants	Energy (kWh)	Fuel Charge Claimed by CPPA-G - Rs.	Fuel Charge as per NEPRA approved FCC - Rs.	Adjustment in Rs.
Foundation Power	103,241,107	903,137,709	838,596,540	(64,541,169)
Saif Power	63,762,199	1,866,284,525	1,834,537,057	(31,747,468)
Halmore	43,259,847	1,323,936,285	1,294,839,242	(29,097,043)
Thar Coal Block-1 Pow	748,040,940	2,949,374,966	2,912,002,164	(37,372,802)
Total	958,304,093	7,042,733,485	6,879,975,002	(162,758,483)

11. While going through the energy verification difference in energy of following power plants was noted in FCA data submitted by CPPA-G and the same has been adjusted as per the joint meter reading report. The Authority hereby directs CPPA-G to avoid such difference in future and provide the FCA data based on the Joint Meter reading report correctly.

Sr. No	Power Plant	Observations	Difference (KWh)
1	Saba Power	Extra energy has been claimed for April-2023 as compared to joint meter reading.	28,986
2	Hub Power	Extra energy has been claimed for April-2023 as compared to joint meter reading.	1,800
3	Rousch	Extra energy has been claimed for April-2023 as compared to joint meter reading.	30
4	WAPDA	Lesser energy has been claimed for April-2023 as compared to joint meter reading.	952,589
5	GENCO II	Lesser Energy has been claimed for April-2023 as compared to Joint meter Reading.	1,851,349

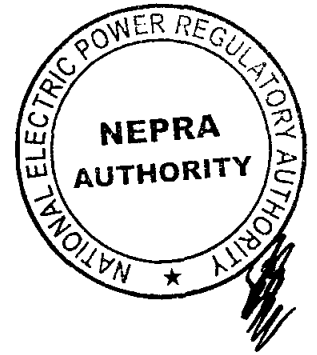


12. CPPA-G also claimed net negative amount of Rs.384.5 million as previous adjustment in the FCA claim of April 2023. For Previous Adjustment of Sapphire power and Chiniot Power claim of Rs. 54.223 million and Rs.62.454 million respectively, pertaining to February 2023, owing to revision in Fuel Prices and verification of PPA factors, the same as per the Authority approved rates works out as Rs.54.220 million for Sapphire power and Rs. 64.452 million for Chiniot Power and the same has been included while working out instant monthly FCA.
13. For the remaining previous adjustments claims the same have been verified and accordingly considered while working out the instant Monthly Fuel Charges adjustment. A summary of the amounts claimed by CPPA-G and being allowed by the Authority is as under;

3/13
main A



Power Plants	Prev. Adj. Claimed by CPPA-G Rs.	Prev. Adj. Allowed Rs.	Deduction Rs.
Attock-Gen	11,561,086	11,561,086	-
Atlas Power	12,848,277	12,848,277	-
Orient	62,101,719	62,101,719	-
Nishat Chunian	12,671,935	12,671,935	-
Engro Energy	(144,254,141)	(144,254,141)	-
Sapphire Power	54,223,065	54,220,551	(2,514)
Hubco Narowal	16,478,078	16,478,078	-
Liberty Power	3,981,707	3,981,707	-
Uch-II	(4,722,080)	(4,722,081)	-
Chiniot Power	62,454,509	62,452,005	(2,504)
Engro PowerGen Thar TP	(2,022,355)	(2,022,355)	-
QATPL	(132,620,259)	(132,620,259)	-
Haveli Bahadur Shah	(326,026,404)	(326,026,404)	-
Huaneng Shandong Ruyi E	167,197,299	167,197,299	-
Baloki	(344,194,367)	(344,194,367)	-
Port Qasim	6,058,996	6,058,996	-
Lucky Electric Power Com	(1,724,983)	(1,724,984)	-
Punjab Thermal Power (P	(3,816,091)	(3,816,091)	-
Thar Energy Limited	307,011,922	307,011,922	-
Thar Coal Block-1 Power	(16,332,014)	(16,332,014)	-
Kohinoor Energy	(75)	(75)	-
Karachi Nuclear Power Pla	(1,640,584)	(1,640,584)	-
Karachi Nuclear Power Pla	(15,006,974)	(15,006,974)	-
Tavanir Iran	(108,803,179)	(108,803,179)	-
Total	(384,574,912)	(384,579,934)	(5,021)



14. During the hearing, the Authority also observed that energy from expensive power plants was generated, during the month of April 2023. 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;

- 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.

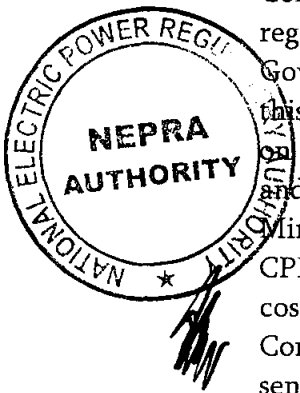
III. CPPA-G shall share the report with the system operator and also submit it to NEPRA at the time of filing of monthly fuel price adjustment request.

15. The Authority observed that the required data/information was submitted by CPPA-G along-with the monthly FCA data of April 2023, 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.

4/13 Malik A



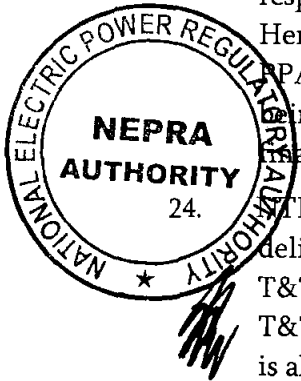
16. It was observed that during April 2023, the System Operator had curtailed the drawl of energy from efficient power plants due to following reasons along-with financial impact of such deviations;
- i. System constraints i.e. Transmission Network Congestion / Overloading Rs. 2,079 million
 - ii. Due to contractual obligations, Rs.306 million
 - iii. Due Transmission line outage (permanent fault), Rs. 757 million
 - iv. Financial impact due to underutilization of efficient power plants Rs.584 million
17. In view of the above, the financial impact on account deviation from EMO total amount of Rs. 3,726 million, is provisionally withheld from the FCA claim for the month of April 2023, till the time NTDC provides complete justification to the satisfaction of the Authority. Since the deduction is made by the Authority due to deviation from EMO by NPCC, which is part of NTDC, therefore, the Authority directs CPPA-G to pass on the impact of such deduction to NTDC.
18. As per the data of FCA for April 2023, submitted by CPPA-G, AL-Noor Sugar Mills Limited (ANSML) supplied 0.103 GWh to SEPCO at a cost of Rs. 0.6 million based on the Authority's approved rate of Rs.6.04/kWh. CPPA-G included the energy & cost of electricity supplied by ANSM as part of overall pool cost. The Authority, however, while approving the Power Acquisition Contract (PAC) filed by Sukkur Electric Power Company Ltd. (SEPCO) for Purchase of 8 MW from ANSML under NEPRA Interim Power Procurement (Procedures and Standards) Regulations 2005, decided that since the power acquisition contract is signed between ANSML and SEPCO, therefore, the costs must be accounted for in the basket of SEPCO instead of CPPA-G.
19. Similarly Thatta power, Lodra Power, Omni, Kumhar wala power house-I & Lucky cement also supplied energy and claimed consequential cost. The Authority approved Power Acquisition Requests filed by DISCOs under NEPRA Interim Power Procurement (Procedures and Standards) Regulations, 2005.
20. The Authority understands that by accounting for the energy and cost of electricity supplied to DISCOs through bilateral contracts if treated only in the individual basket of that DISCO would result in different FCAs for different DISCOs. Considering the fact that monthly FCA is being made under a Uniform Tariff regime, and a uniform tariff for all XWDISCOs was notified by the Federal Government vide SRO dated 25.07.2022, the Authority has decided to deliberate this issue in detail with the stakeholders. Accordingly a discussion meeting was held on 09.02.2023, to discuss the modalities for treatment of cost & energy of ANSML and for any such future bilateral contracts by DISCOs, which was attended by Ministry of Energy and CPPA-G representatives. The Authority directed MOE and CPPA-G to provide their written comments regarding modalities for treatment of cost & energy of ANSML and for any such future bilateral contracts by DISCOs. Considering the delay in filing of written comments, email dated 17.02.2023 were sent to CPPA-G and MOE, for submission of their comments.



Wali A



21. CPPA-G vide its letter dated 07.03.2023, submitted its comments wherein, it referred the provision of NEPRA Act section 31(4) and National Electricity Policy 2021 clause 5.6.3, which states about uniform tariff. CPPA-G submitted that in line with Provision of NEPRA Act, and National Electricity Policy 2021, it is recommended that the Authority may continue to determine uniform Fuel charges Adjustment in line with practice in place for all DISCOs. MOE, however did not provide any response. Considering the importance of matter, an email dated 30.03.2023 was again sent to MOE for provision of detailed comments at the earliest, which are still awaited.
22. Meanwhile, in order to ensure the timely recovery of the positive FCA, the Authority has decided to provisionally account for the energy and cost of plants having bilateral contracts as part of CPPA-G basket for the month of April 2023, as per the request of CPPA-G. A final decision in the matter would be taken considering the comments of MOE and CPPA-G, and any adjustment if required will be made in the subsequent monthly FCAs of XWDISCOs.
23. In view of the above discussion, the Authority has calculated the fuel cost for the month of April 2023, 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.
24. NTDC, reported provisional T&T losses of 224.5 GWh i.e. 2.266%, based on energy delivered on NTDC system during April 2023. NTDC in addition also reported T&T losses of 27.862 GWh i.e. 2.647%, for PMLTC (HVDC) line. NTDC is allowed T&T losses of 2.639% only at 500KV and 220 KV network, while PMLTC (HVDC) is allowed T&T losses of maximum up-to 4.3%.
25. Accordingly, for the month of April 2023, T&T losses of 224.5 GWh being within in the allowed limit on accumulative yearly basis have been verified for NTDC system only at 500KV and 220 KV network. Regarding PMLTC (HVDC), the claimed T&T losses i.e. 27.862 GWh, being within the Authority's allowed limit have also considered while working out the FCA of April 2023.
26. 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.
27. The Petitioner in its request has also included 37.9 GWh for the Net Metering units procured during April 2023. The Authority has considered this energy as part of the FCA for the month of April 2023.
28. The Authority, after incorporating the aforementioned adjustments, has reviewed and assessed an increase of Rs.1.6075/kWh (**Annex-II**) in the applicable tariff for



Wahid A

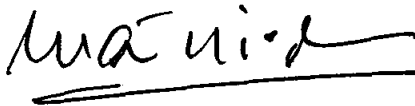


XWDISCOs on account of variations in the fuel charges for the month of April 2023
as per the following details:

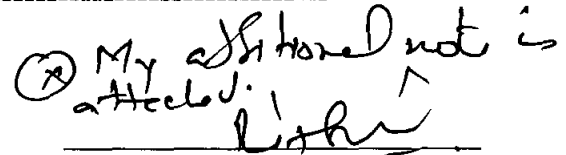
Actual Fuel Charge Component for April 2023	Rs.9.9950/kWh
Corresponding Reference Fuel Charge Component	Rs.8.3875/kWh
Fuel Price Variation for the month of April 2023- Increase	Rs.1.6075/kWh

29. In view of the aforementioned, the Authority has decided that adjustment as referred above;
- Shall be applicable to all the consumer categories except Electric Vehicle Charging Stations (EVCS) and lifeline consumers.
 - Shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of April 2023.
 - XWDISCOs shall reflect the fuel charges adjustment in respect of April 2023 in the billing month of June 2023;
 - 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



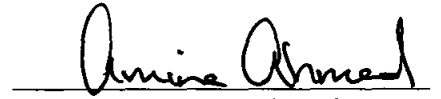
Mathar Niaz Rana (nsc)
Member

 My additional note is attached.

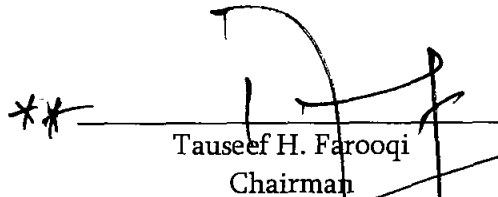
Rafique Ahmed Shaikh
Member



Engr. Maqsood Anwar Khan
Member



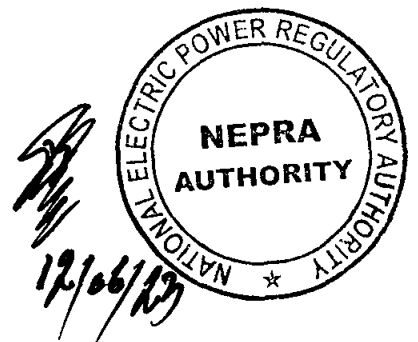
Ms. Amina Ahmed
Member



Tauseef H. Farooqi
Chairman

** My additional note attached

7/13



Additional Note - Fuel Charges Adjustment of XWDISCOs for the month of April, 2023:

The three most efficient RLNG power plants in Pakistan Power Sector are the Quaid-e-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 (69.41%), HBS around (70.88%) and Baloki around (72.58%) during the month of April, 2023. It is noted that the accumulated claim by these power plants against part load operation during the above month is Rs. 3.238 billion. 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. 3.238 billion.

2. 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-16 (248 MW) of Guddu 747 and Guddu old units i.e. unit 6, 10, 11, 12 & 13 (580 MW) resulted in financial losses due to operation of costlier power plants.

3. NTDC was expected to complete the dedicated transmission line for Shanghai Electric Company Limited – Thar Coal Block-I in July 2022, however, due to various reasons it was unable to complete the line within the specified timelines till April, 2023 and subsequently, the energy from Thar coal projects is being curtailed. This curtailment of energy has led to underutilization of the available economical coal generation. It is added that, full potential of Thar Coal based energy projects cannot be realized unless the transmission system constraints in the Thar region are not resolved. The inadequate transmission capacity has led to curtailment from the economical energy projects and causing loss of billions of Rupees and this phenomenon will continue unless the transmission line is completed. Such constraints in transmission system is failure of the relevant entities in performing their core functions.

[Handwritten signature]

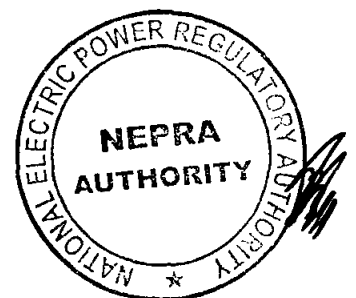


~~XX~~

Additional Note – FCA of XWDISCOs for April 2023

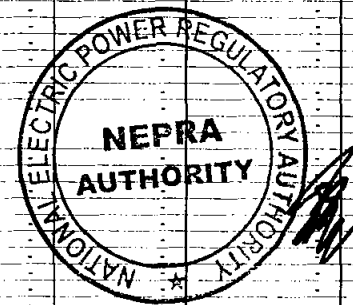
1. On the point raised by worthy Member (Technical) regarding lower utilization of efficient RLNG plants of QATPL, HBS and Balloki, the utilization factor has been worked out based on generation for the entire month, assuming 100% utilization of the dependable capacity of each plant for the entire month. I am of the considered view that utilization of each plant needs to be seen on hourly basis, keeping in view the Grid System stability as per the varying demand patterns, scheduled/ forced outages of the plants, fuel availability, grid code requirements etc. As explained by NPCC, the base load power plants are operated on part load as these plants can be ramped up or ramped down with the grid in minimum possible time, keeping in view the changing load patterns, that helps mitigate the impact of intermittencies of the renewable energy as well. Therefore, impact of part load charges needs to be analyzed in their own peculiar context.
2. When I took over as Chairman NEPRA, during my very first FCA hearing, it was noted that NPCC was not doing its job in the most professional manner. Accordingly, NEPRA M&E department was directed to analyze the operation of power plants in compliance to Merit Order on three grounds i.e. Underutilization of power plants, Transmission System constraints and Fuel shortage (especially RLNG). The financial impact due to "Underutilization of efficient power plants" and "System Constraints" is being deducted from day one in the monthly FCA determination. As mentioned at para 16-17 of the instant decision, an amount of around Rs.3,726 million has been deducted for the month of Apr. 23 and up-till Apr. 2023, a total amount of over Rs.35 billion has been withheld under above two heads. The deduction of Rs.3,726 million made during the month of Apr. 23, includes Rs.584 million on account of underutilization of efficient power plants and Rs.2,079 million on account of Transmission network congestion / overloading.
3. However, impact due to RLNG shortage had not been deducted as procurement and allocation of RLNG is made by Petroleum division keeping in view its sectorial priorities. NPCC always maintains that they raise their demand for RLNG well within the stipulated time as agreed with Petroleum division through Power Division. Since NEPRA is the Regulator of Power Sector bearing no regulatory control over petroleum division, it is not within the rights of NEPRA to penalize Petroleum Division for not purchasing RLNG or not allocating the quantities as demanded by NPCC. Moreover, it is not professionally justified to penalize NPCC for not receiving the demanded quantities of RLNG from Petroleum division. Therefore, the Authority chose not to penalize NPCC for something which is not a failure on their part. However, the Authority being cognizant of the matter has already issued advisories to the Ministry of Energy, Power Division, to take up the matter with Petroleum Division for allocation of required quantities of RLNG to power sector on an expeditious manner so as to protect the consumers for any differential cost arising due to unavailability of RLNG.

9/13



CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of April 2023

S.No.	Power Producers	Fuel	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=H+J	
1	<i>Hydel</i>														
	i.	WAPDA	Hydel	6,902	1,270,316,341		129,874,100	129,874,100		1	1		129,874,101	129,874,101	
	ii.	Jagran	Hydel	30	10,177,541				6,170,072		6,170,072		6,170,072	6,170,072	
	iii.	Pehure	Hydel	18											
	iv.	Malakand-III SHYDO	Hydel	81	30,042,400		9,514,428	9,514,428					9,514,428	9,514,428	
	v.	Larabi	Hydel	84	33,902,030		10,502,849	10,502,849		(1)	(1)		10,502,848	10,502,848	
	vi.	Star Hydro	Hydel	147	53,737,500		11,692,851	11,692,851		2,887,575	2,887,575		14,580,426	14,580,426	
	vii.	Head Maralla	Hydel	8	3,387,580										
	viii.	Neelum Jhelum	Hydel	969											
	ix.	Tarbela Ext. 4	Hydel	1,478	59,660,120		7,994,456	7,994,456					7,994,456	7,994,456	
	x.	Mira Power Limited	Hydel	101	29,019,030										
	xi.	Daral Khwar	Hydel	37	17,751,550										
	xii.	Karot Power Company (Pvt.) Limited	Hydel	720	364,241,700		115,027,528	115,027,528		48,666,926	48,666,926		163,694,454	163,694,454	
xiii.	Ranolla Hydro Power Complex	Hydel	17												
	Hydel Total:		10,592	1,872,235,792		284,606,212	284,606,212		57,724,573	57,724,573		342,330,785	342,330,785		
2	Ex-WAPDA GENCOs														
	GENCO-I ***														
	Jamshoro Block 1	RFO	182												
	Unit 1	Gas													
	Jamshoro Block 2		467												
	Unit-2	RFO													
		Gas													
		RLNG													
	Unit-3	RFO													
		Gas													
		RLNG													
	Unit-4	RFO													
		Gas													
		RLNG													
	Unit-4	RFO													
		Gas													
		RLNG													
	Kotri 3-7	RFO	0												
	Jamshoro Block 4	Gas													
		Gas													
		Jamshoro Total		649											
	GENCO-II ***														
	Guddu CC Block 1 (CC)	Gas	390		190,281,000	1,546,033,125	13,110,361	1,559,143,486					1,546,033,125	13,110,361	1,559,143,486
	Central Block 2 (CC)	Gas			190,281,000	1,546,033,125	13,110,361	1,559,143,486					1,546,033,125	13,110,361	1,559,143,486
Guddu (DC) Block-2	Gas	530													
Block 3 (Unit 3&4)	Gas														
Guddu 747 (CC)	Gas	721		130,585,000	1,419,659,067	112,298,641	1,531,957,707					1,419,659,067	112,298,641	1,531,957,707	
	Central Total		1,641	320,876,000	2,965,692,192	125,409,001	3,091,101,193					2,965,692,192	125,409,001	3,091,101,193	
GENCO-III ***															
Northern Block 1			556												
Unit 1	RFO														
Unit 2	RFO														
Unit 3	RFO														
Unit 1	Gas														
Unit 2	Gas														
Unit 3	Gas														
Unit 1	RLNG														
Unit 2	RLNG														
Unit 3	RLNG														
Unit 3	RLNG														
Northern Block 2			272												
Block-2 Unit 4	RFO														
Block-2 Unit 4	Gas														
Block-2 Unit 4	RLNG														
Northern Block 3			355												
Block-3 Unit 6	RFO														
Block-3 Unit 6	Gas														
Block-3 Unit 6	RLNG														
Block-3 Unit 6	RFO														
Block-3 Unit 6	Gas														
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	123,703,000	3,326,049,209	92,059,772	3,418,108,981					3,326,049,209	92,059,772	3,418,108,981	
	Northern Total:		1,884	123,703,000	3,326,049,209	92,059,772	3,418,108,981					3,326,049,209	92,059,772	3,418,108,981	
GENCO-IV															
LAKHRA	Coal	31													
	Sub-Total:		31												
	GENCOs Total:-		4,204	444,579,000	6,291,741,401	217,468,773	6,509,210,174					6,291,741,401	217,468,773	6,509,210,174	
3	PPCs														
	1	Kot Addu Block 1	RFO	325											
			RLNG												
			HSD												
	Kot Addu Block 2	RFO	762												
		RLNG													
		HSD													
	Kot Addu Block 3	RLNG	249												
		HSD													
		HSD													
	KAPCO Total		1,336												



10/11/23

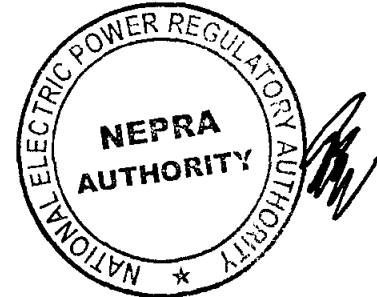
Handwritten signature/initials

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of April 2023

S.No.	Power Producers	Fuel	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.)
22	AEP Wind	Wind	50	10,505,744	-	-	-	-	-	-	-	-	-	-
23	Jhampir Wind	Wind	50	8,319,390	-	-	-	-	-	-	-	-	-	-
24	NAWA Wind	Wind	50	8,064,960	-	-	-	-	-	-	-	-	-	-
25	TGT	Wind	50	7,334,946	-	-	-	-	-	-	-	-	-	-
26	TGS	Wind	50	7,006,826	-	-	-	-	-	-	-	-	-	-
27	Tricon Boston-A	Wind	50	10,471,061	-	-	-	-	-	-	-	-	-	-
28	Tricon Boston-B	Wind	50	9,950,949	-	-	-	-	-	-	-	-	-	-
29	Tricon Boston-C	Wind	50	9,692,007	-	-	-	-	-	-	-	-	-	-
30	ZEPHYR Wind	Wind	50	10,999,393	-	-	-	-	-	-	-	-	-	-
31	Foundation Wind Energy-II (Pvt.) Limited	Wind	50	7,872,760	-	-	-	-	-	-	-	-	-	-
32	Master Green Energy Limited	Wind	50	8,190,430	-	-	-	-	-	-	-	-	-	-
33	Lucky Renewables (Private) Limited	Wind	50	9,781,480	-	-	-	-	-	-	-	-	-	-
34	ACT2 DIN Wind (Pvt) Ltd.	Wind	50	10,676,200	-	-	-	-	-	-	-	-	-	-
35	Artistic Wind Power (Pvt) Ltd.	Wind	50	10,116,850	-	-	-	-	-	-	-	-	-	-
36	Indus Wind Energy Ltd.	Wind	50	11,164,250	-	-	-	-	-	-	-	-	-	-
37	Lakeside Energy Limited	Wind	50	11,471,260	-	-	-	-	-	-	-	-	-	-
38	Liberty Wind Power-Ltd.	Wind	50	10,076,000	-	-	-	-	-	-	-	-	-	-
39	DIN Energy Ltd.	Wind	50	9,889,620	-	-	-	-	-	-	-	-	-	-
40	Gul Ahmed Electric Limited	Wind	50	12,630,480	-	-	-	-	-	-	-	-	-	-
41	Atlas Solar Limited	Solar	100	20,156,300	-	-	-	-	-	-	-	-	-	-
42	Liberty Wind Power-II (Pvt.) Ltd.	Wind	100	10,460,070	-	-	-	-	-	-	-	-	-	-
43	NASDA Green Energy Limited	Wind	50	11,581,670	-	-	-	-	-	-	-	-	-	-
44	Metro Wind Power Limited	Wind	50	16,809,680	-	-	-	-	-	-	-	-	-	-
45	Net Metering Net Exported units	Solar	-	37,916,111	-	-	-	-	-	-	-	-	-	-
46	SPPs	Mixed	257	13,349,352	54,172,741	-	54,172,741	-	-	-	-	54,172,741	-	54,172,741
	Sub-Total		2,693	462,072,821	54,172,741	-	54,172,741	-	-	-	-	54,172,741	-	54,172,741
	G-Total:		41,460	10,010,299,449	102,489,684,630	3,729,997,535	106,219,682,166	(384,574,912)	95,840,973	(288,733,939)	-	102,105,109,718	3,825,838,508	105,930,948,226
Summary														
1	Hydel			1,872,235,792	-	284,606,212	284,606,212	-	57,724,573	57,724,573	-	-	342,330,785	342,330,785
2	Coal			1,818,613,440	22,312,395,547	1,225,949,974	23,538,345,522	460,188,866	107,865,244	568,054,110	-	22,772,584,413	1,333,815,218	24,106,399,631
3	HSD			-	-	-	-	-	-	-	-	-	-	-
4	F.O.			222,598,186	5,162,873,903	436,529,335	5,599,403,238	57,341,009	(4,396,021)	53,144,988	-	5,220,414,912	432,133,313	5,662,548,225
5	Gas			1,189,437,959	14,111,837,367	654,620,810	14,766,458,177	(148,976,221)	-	(148,976,221)	-	13,962,861,146	654,620,810	14,617,481,956
6	RLNG			2,417,747,271	57,626,855,421	1,020,743,896	58,647,599,316	(690,332,337)	(2,898,314)	(693,230,652)	-	56,936,623,083	1,017,845,581	57,954,368,665
7	Nuclear			1,916,067,000	2,021,789,190	-	2,021,789,190	(16,647,558)	-	(16,647,558)	-	2,006,141,632	-	2,006,141,632
8	Import from Iran			30,459,200	714,198,568	-	714,198,568	(108,803,179)	-	(108,803,179)	-	605,395,388	-	605,395,388
9	Wind Power			322,925,131	-	-	-	-	-	-	-	-	-	-
10	Solar			125,798,338	-	-	-	-	-	-	-	-	-	-
11	Bagasse			81,167,780	485,561,894	107,547,309	593,109,202	62,454,509	(62,454,509)	0	-	548,016,402	45,092,800	593,109,202
	Mixed			13,349,352	54,172,741	-	54,172,741	-	-	-	-	54,172,741	-	54,172,741
	Totals For The month			10,010,299,449	102,489,684,630	3,729,997,535	106,219,682,166	(384,574,912)	95,840,973	(288,733,939)	-	102,105,109,718	3,825,838,508	105,930,948,226
	Prev. Adjustments :			(6,396,094)	(384,574,912)	95,840,973	(288,733,939)	-	-	-	-	-	-	-
	GRAND TOTALS :			10,003,903,355	102,105,109,718	3,825,838,508	105,930,948,226	-	-	-	-	-	-	-

Energy Cost (Rs.)	102,105,109,718	3,825,838,508	105,930,948,226
Cost not chargeable to DISCOs (Rs.)	885,894,478	-	885,894,478
EPP (Chargeable) (Rs.)	101,219,215,240	3,825,838,508	105,045,053,748
Energy Sold (KWh)	9,734,912,185	9,734,912,185	9,734,912,185
Avg. Rate (Rs./KWh)	10.3975	0.3930	10.7905

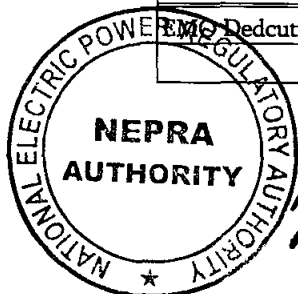
Reference Rate (Rs./KWh)	8.3875
FCA Rate Current month (Rs./KWh)	2.0100



12/13

Annex-II				
Source Wise Generation				
Sources	April 2023			
	Reference		Actual	
	GWh	%	GWh	%
Hydel	3,314.57	28.94%	1,873.19	18.71%
Coal	3,920.14	34.22%	1,818.73	18.16%
HSD	-	0.00%	-	0.00%
RFO	-	0.00%	222.57	2.22%
Gas	1,029.76	8.99%	1,191.29	11.90%
RLNG	734.66	6.41%	2,417.75	24.15%
Nuclear	1,770.06	15.45%	1,916.07	19.14%
Import Iran	44.84	0.39%	30.46	0.30%
Mixed	22.74	0.20%	13.35	0.13%
Wind	408.44	3.57%	322.93	3.22%
Baggasse	99.58	0.87%	81.17	0.81%
Solar	110.37	0.96%	125.80	1.26%
Total	11,455.16	100.0%	10,013.29	100.0%
Sale to IPPs	(16.29)	-0.14%	(23.93)	-0.24%
Transmission Losses	(372.49)	-3.25%	(251.46)	-2.511%
Net Delivered	11,066.38	96.6%	9,737.90	97.25%

Source Wise Fuel Cost/Energy Purchase Price				
Sources	April 2023			
	Reference		Actual	
	Mlns. Rs.	Rs./kWh	Mlns. Rs.	Rs./kWh
Hydel	-	-	-	-
Coal	67,903.20	17.3216	22,275.02	12.2476
HSD	-	-	-	-
RFO	-	-	5,162.87	23.1969
Gas	8,480.88	8.2358	14,047.30	11.7917
RLNG	13,498.64	18.3739	57,566.01	23.8098
Nuclear	1,667.96	0.9423	2,021.79	1.0552
Import Iran	833.97	18.5983	714.20	23.4477
Mixed	149.76	6.5872	54.17	4.0581
Wind	-	-	-	-
Baggasse	611.05	6.1366	485.56	5.9822
Solar	-	-	-	-
Total	93,145.46	8.1313	102,326.93	10.2191
Arrears/ Previous Adjustments	-	-	(384.58)	(0.0384)
Sale to IPPs	(325.80)	-	(885.89)	(37.0279)
Grand Total	92,819.66	8.1029	101,056.45	10.0922
Transmission Losses	-	0.2847	-	0.2854
Total	92,819.66	8.3875	101,056.45	10.3776
EMC Deductions	-	-	(3,726.0)	(0.3826)
Net Total	92,820	8.3875	97,330	9.9950



13/13

Matti A

To Be Published in
Official Gazette of Pakistan Part-II

National Electric Power Regulatory Authority



NOTIFICATION

Islamabad, the 12th day of June 2023


S.R.O. 681 (I)/2023: – 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 April 2023 in respect of Ex-WAPDA Distribution Companies (XWDISCOs):

Description	April 2023
Actual Fuel Charge Component for April 2023	Rs.9.9950 /kWh
Corresponding Reference Fuel Charge Component	Rs.8.3875 /kWh
Fuel Price Variation for the month of April 2023 - Increase	Rs.1.6075/kWh

Note: The Authority has reviewed and assessed an increase of Rs. 1.6075/kWh in the applicable tariff for Ex-WAPDA DISCOs on account of variation in the fuel charges for the month of April 2023 as per the above details.

2. The above adjustment an Increase of Rs.1.6075/kWh shall be applicable to all the consumer categories except Electric Vehicle Charging Stations (EVCS) and lifeline consumers. The said adjustment shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of April 2023. XWDISCOs shall reflect the fuel charges adjustment in respect of April 2023 in the billing month of June 2023.

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.


(Engr. Mazhar Iqbal Ranjha)
Registrar

