



National Electric Power Regulatory Authority Islamic Republic of Pakistan

Registrar

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No. NEPRA/R/TRF-100/MFPA/40/66-82

November 8, 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 September 2021 for XWDISCOs along with Notification Thereof**

Enclosed please find herewith copy of the decision of the Authority alongwith Dissent / Additional Note of Mr. Rafique Ahmed Shaikh, Vice Chairman NEPRA (11 pages) regarding adjustment in fuel charges in respect of Ex-WAPDA Distribution Companies for the month of September 2021 and its Notification i.e. S.R.O. 1430(I)/2021 dated 08.11.2021.

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)


08 11 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.

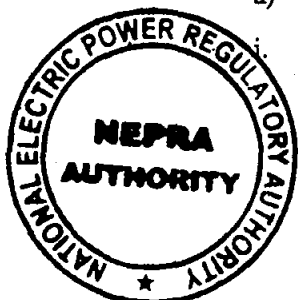


**DECISION OF THE AUTHORITY IN THE MATTER OF FUEL CHARGES ADJUSTMENT
FOR THE MONTH OF SEPTEMBER 2021 FOR EX-WAPDA DISCOS**

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 September 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 September 2021 is Rs.7.6816/kWh, against the reference fuel cost component of Rs.5.0229/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 September 2021 increased by Rs.2.6587/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 October 20, 2021 and also uploaded on NEPRA's Website for information of all concerned stakeholders.
5. The Authority conducted the hearing in the matter on October 27, 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, Ministry of Energy (power Division), 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;

a) 2002 Power Policy Plants

All purchases have been made from Generation Companies having valid generation License issued by NEPRA.



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- 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 September 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 September 2021, as detailed below;





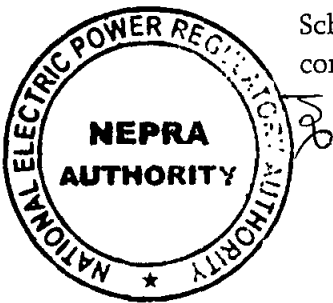
Power Producer	Energy kWh	Fuel Cost claimed by CPPA-G Rs.	Fuel Cost as per Authority's approved rates Rs.	Adjustment Rs.
JPCL	38,290,000	942,461,602	941,448,958	(1,012,644)
NPGCL	50,580,315	1,246,236,410	1,189,786,610	(56,449,800)
Nandipur	213,692,000	4,028,438,805	3,416,678,650	(611,760,155)
Hubco Narowal	75,857,172	1,385,254,609	1,381,503,231	(3,751,378)
China Hub Power (Pvt.) Ltd	408,470,800	2,689,130,742	2,650,975,492	(38,155,250)
Total	786,890,287	10,291,522,168	9,580,392,940	(711,129,228)

10. The Authority also observed that CPPA-G has purchased energy of 48.269 GWh from Tavanir Iran in September 2021 at a cost of Rs.633 million. The Authority also observed that CPPA-G has filed its request with the Authority for approval of extension of contract between CPPA-G and Tavanir Iran for import of Power up-to 104 MW for the period from 01.01.2020 to 31.12.2021, which is under consideration of the Authority. 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. 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. CPPA-G also claimed amount of Rs.10,062 million on account of previous adjustments for the month of September 2021. However, the Authority verified the same as Rs.10,018 million, which has been included in the monthly FCAs of September 2021. The difference of Rs.30.169 million is on account of previous adjustment claimed for Tavanir Iran, which has not been considered and would be accounted for only once the Authority decides the PAR submitted by CPPA-G in this regard. The difference of Rs.14.071 million is due to difference in technical factors provided by CPPA-G viz a viz technical factors verified by NEPRA. A summary of the amount claimed by CPPA-G and allowed by the Authority is as under;

Power Producer	Prev. Adj. Claimed by CPPA-G Rs.	Prev. Adj. Proposed Rs.	Difference
JPCL	(17,671,736)	(17,671,736)	-
NPGCL	(29,479,932)	(29,479,932)	-
KAPCO	2,252,967,867	2,252,967,867	-
Uch	(7,477,308)	(7,477,308)	-
Liberty	(3,666,143)	(3,666,143)	-
Tavanir Iran	30,169,918	-	(30,169,918)
Nishat Power	73,535,492	73,535,492	-
Orient	41,257,046	41,257,046	-
Nishat Chunian	25,128,578	25,128,578	-
Saif Power	282,443,825	282,443,825	0
	(15,226,026)	(15,226,026)	-
Sapphire Power	299,384,698	299,384,698	0
	24,091,712	24,091,713	0
Hubco Narowal	66,092,748	66,092,748	-
Liberty Power	90,482,491	90,482,491	-
Halmore	122,410,562	122,410,562	(0)
	10,517,832	10,517,832	-
QATPL	1,858,536,586	1,858,536,586	-
Haveli Bahadur Shah	1,837,921,578	1,837,921,578	-
Huaneng Shandong Ruyi Energy	869,549,862	869,549,862	(0)
Baloki	2,040,566,609	2,026,494,767	(14,071,842)
Total	10,062,973,479	10,018,731,719	(44,241,760)



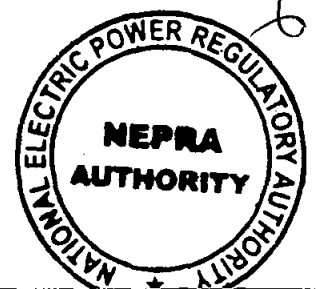
12. As per the data submitted by CPPA-G, XWDISCOs purchased 16.18 GWh from Captive Power Plants (CPPs) during September 2021, for which CPPA-G provided actual details of energy purchased from these plants. According to the details provided by CPPA-G, the actual fuel cost of this energy is Rs.75.051 million. The same being as per the NEPRA approved mechanism, has been considered while working out the FCA of September 2021.
13. 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.19.233 million during the month of September 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;
 - 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.
 - 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.
14. The Authority observed that the required data/information was submitted by CPPA-G along-with the monthly FCA data of September 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.
15. NPCC/NTDC during the hearing, explained operation of power plants on RFO/HSD is due to increase in demand , outage of HBS and non-availability of RLNG as per requirements. NPCC explained RLNG quota allocated to power sector around 650 mmcf while their requirement was more 900 mmcf. Representative of MOE while explaining the reason for less allocation of RLNG submitted that RLNG terminal#1 was on dry docking from September 14-17. Representative of MOE also explained that out of 1200mmcf RLNG on both terminal around 800mmcf is allocated to SNGL and same is distributed based on their merit order to power sector, fertilizer and CNG sector, thus there is supply constraint. Upon inquiry MOE representative explained that domestic sector is top priority and power sector is 2nd on list. Based on the submission the Authority inquires that if SNGL quota is only 800 mmcf than how can they meet the 950 mmcf demand. MOE while agreeing with Authority said till addition of new terminal the supply issue while remain intact. Representative of CPPA-G explained that SNGL has firm supply agreement with only QATPL, HBS and Balloki power plants, for other RLNG it provides RLNG as and when available basis. Due to non-firm contract with other RLNG based power plants SNGPL





cannot plan its procurement of RLNG. The Authority inquired in that what the Authority should do with the delta due to non-availability of RLNG. CFO CPPA-G explained in case of firm contract in the event of less demand we would be getting RLNG while also results in a delta for consumer as in that case we need to pay the cost of firm RLNG supply cost. On the issue non-firm contract the Authority said that in this case SNGL can procure RLNG based on spot market if Power division place its demand to petroleum division. The Authority also questioned the performance of NTDC regarding removal of technical constraints. Upon inquiry NPCC explained that in period of load shedding RFO based power plants located in Load center and now the cheaper plants installed in far from load center which emerged constraints and NTDC is working on the constraints aggressively which is evident from fact that load shedding due to constraint as compared to previous year reduced by 25%.

16. 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.785.64 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 observed that Partial Load was provided to Balloki, HBS and QATPL power plants even during Forced Outages and Failure to Achieve Despatch (FADL),), 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. Similarly, Part Load cannot be provided in the case of Failure of the plant to achieve the Despatch instructed by the NPCC. Therefore, an amount of Rs. 30.92 million (Rs. 26.27 million for Balloki, Rs. 04.17 million for Bhikki and Rs. 0.48 for HBS) for the month of August 2021 has been deducted on account of Partial Load charges, while working out the FCA of August 2021.
18. In view of the above discussion, the Authority has calculated the fuel cost for the month of September 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. NTDCL, reported provisional T&T losses of 357.18 GWh i.e. 2.56% based on energy delivered on NTDCL system during September 2021 i.e. 13,952 GWh. NTDC in addition also reported T&T losses of 19.99 GWh 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. For the month of September 2021, T&T losses of 2.39% i.e. 333.729 GWh have been verified for NTDCL system based on unites delivered only at 500KV and 220 KV network. Regarding PMLTC (HVDC), the claimed T&T losses i.e. 19.99 GWh i.e. 2.68%, being within the Authority's allowed limit have also considered while working out the FCA of September 2021.
22. 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.
23. The Authority, after incorporating the aforementioned adjustments, has reviewed and assessed an increase of Rs.2.5272/kWh (Annex-II) in the applicable tariff for XWDISCOs on account of variations in the fuel charges for the month of September 2021 as per the following details:

Actual Fuel Charge Component for September 2021	Rs.7.5502/kWh
Corresponding Reference Fuel Charge Component	Rs.5.0229/kWh
Fuel Price Variation for the month of September 2021-	Rs.2.5272/kWh

24. In view of the aforementioned, the Authority has decided that adjustment as referred in Para 23 above;
 - a. Shall be applicable to all the consumer categories except lifeline consumers.
 - b. Shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of September 2021.
 - c. XWDISCOs shall reflect the fuel charges adjustment in respect of September 2021 in the billing month of November 2021; and
 - 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

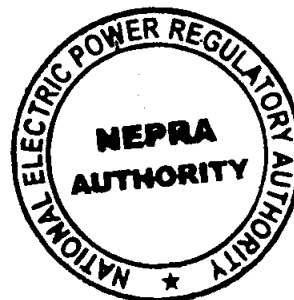
Rehmatullah Baloch
Member

Engr. Maqsood Anwar Khan
Member

⊗ My dissent / additional note
at the back of this page.
Rafique Ahmed Shaikh
Vice Chairman

Rafique
5/11/21

Tauseef H. Farooq
Chairman



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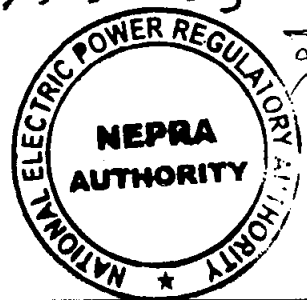
My dissent note:-

1. NPCC again failed to comply with the directions of the Authority to report - the dispatch of generation plants out of merit on daily basis. Consistent failure warrants legal proceedings against NPCC.
2. CPPA reported 104 instances of plants) operations in violation of merit order due to system constraint that resulted in financial impact of Rs 714.92 mn during the month of September, 2022.
3. Such constraints as discussed at Para 2 above, is failure of relevant entities like NTDC and financial impact due to such constraints can't be passed on to consumers. Under Grid Code, removal of congestion is responsibility of NTDC.
4. CPPA-G again failed to submit the segregation of financial impact into heads like a) Impact on account of fuel (RLNG) (b) System constraints c) Underutilization of efficient power plants. As reported by M&E department, the financial impact on account of shortage of fuel ~~only~~ (RLNG) only is more than 1 bn Rupees. The cost of mismanagement can't be passed on to consumers.
5. Further, huge amount under the head of "Previous Period Adjustment" is also alarming and can't be ignored due to its financial impact.
6. ~~The~~ I have also reservations on purchase of electricity from all those power plants whose PPAs were amended/extended without approval of the Authority.

Netaji

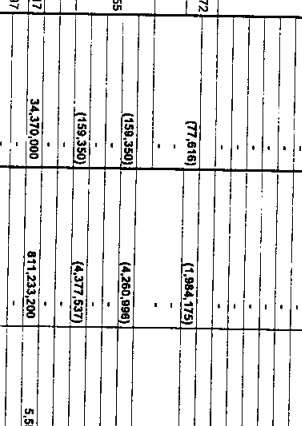
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CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of SEP 2021

S.No.	Power Producers	Fuel	Dep. Capacity (MW)	Energy KWH	Fuel Charges	VOAM Charges	EP Billing month (Rs.)	Pre-Adjustment in Fuel (Rs.)	Pre-Adjustment in VOAM (Rs.)	Pre-Adjustment in EP (Rs.)	Supp. Charges	Total Fuel Cost	Total VOAM	Total Energy Cost (Rs.)	
				A	B	C	D-B+C	E	F	G+H	H	I+B+H	J+C+H	K+J	
1	WAPDA	Hydro	6,922	3,877,935,665											
		Hydro	30	14,094,420											
		Hydro	18	38,477,746											
		Hydro	81	42,549,520											
		Hydro	84	43,736,820											
		Hydro	147	326,158,300											
		Hydro	6	903,727,720											
		Hydro	589	25,283,410											
		Hydro	1,478	5,986,240											
		Hydro	101	3,955,140											
		Hydro	37	5,095,679,319											
		Hydro	17												
	Hydro Total:		9,872	5,095,679,319											
2	GENCO-I	Gas	182	39,222,000	988,652,656	3,628,035	971,680,693						988,652,656	3,628,035	971,680,693
		Gas	464												
		Gas													
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	Gas Total:		682		988,652,656	3,628,035	971,680,693					988,652,656	3,628,035	971,680,693	
3	GENCO-II	Gas	390	81,709,200	663,530,375	5,929,202	669,459,577						663,530,375	5,929,202	669,459,577
		Gas	630												
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	Gas Total:		721		663,530,375	5,929,202	669,459,577					663,530,375	5,929,202	669,459,577	
4	GENCO-III	Coal	556		466,800,661	2,837,631	469,638,292						466,800,661	2,837,631	469,638,292
		Coal													
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		Coal													
	Coal Total:		556		466,800,661	2,837,631	469,638,292					466,800,661	2,837,631	469,638,292	
5	GENCO-IV	Coal	1,984		1,984,175		1,984,175						1,984,175		1,984,175
		Coal													
		Coal													
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	Coal Total:		1,984		1,984,175		1,984,175					1,984,175		1,984,175	
6	Lahra	Coal	31												
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	Coal Total:		31												
7	KAPCO Total	Gas	1,338												
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	Gas Total:		1,338												



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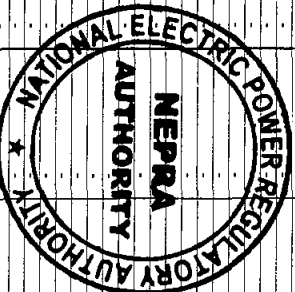
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Slno	Power Producers	Fuel	Cap. (MW)	Energy (MWh)	Fuel Charges (Rs.)	VOAM Charges (Rs.)	EPF Billing (Rs.)	EPF Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in VOAM (Rs.)	Prev. Adjustment in Total (Rs.)	Supp. Charges (Rs.)	Total Fuel Cost (Rs.)	Total VOAM (Rs.)	Total Energy Cost (Rs.)
1	Atista Energy	Gas	191	72,939.340	1,334,640,664	80,167,344	1,414,808,026	1,414,808,026					1,334,640,664	80,167,344	1,414,808,026
2	Atista Energy	Gas	191	28,934.827	585,843,307	7,124,282	592,747,589	592,747,589					585,843,307	7,124,282	592,747,589
3	Atista Energy	Gas	191	358,439.000	2,910,209,832	140,794,446	3,051,003,878	3,051,003,878					2,910,209,832	140,794,446	3,051,003,878
4	Atista Energy	Gas	191	134,889.500	1,395,654,116	73,518,817	1,469,172,933	1,469,172,933					1,395,654,116	73,518,817	1,469,172,933
5	Atista Energy	Gas	212	211,258,060	205,503,383	248,793,508	206,551,606	206,551,606					205,503,383	248,793,508	206,551,606
6	Chattampi Nuclear	Nucel	340	2,152,026.000	2,152,026.000	205,551,606	49,018,905	49,018,905					2,152,026.000	205,551,606	49,018,905
7	Chattampi Nuclear	Nucel	340	581,144.000	581,144.000	49,018,905	49,018,905	49,018,905					581,144.000	49,018,905	49,018,905
8	Kempe - PNEC (K-2/K3 Project)	Import	98	82,586.000	82,586.000	49,018,905	49,018,905	49,018,905					82,586.000	49,018,905	49,018,905
9	Atista Energy	Gas	191	2,884,789.489	22,722,079,246	635,626,065	23,357,579,246	23,357,579,246					22,722,079,246	635,626,065	23,357,579,246
10	Hudson Natural	RNG	186	75,657.172	1,365,254,608	100,924,612	1,466,179,220	1,466,179,220					1,365,254,608	100,924,612	1,466,179,220
11	Hudson Natural	RNG	186	72,964.603	1,403,616,917	129,246,256	1,532,863,173	1,532,863,173					1,403,616,917	129,246,256	1,532,863,173
12	Hudson Natural	RNG	186	72,964.603	1,229,298,008	46,272,727	1,275,570,735	1,275,570,735					1,229,298,008	46,272,727	1,275,570,735
13	Hudson Natural	RNG	186	625,884	13,993,139	560,635	14,553,774	14,553,774					625,884	13,993,139	14,553,774
14	JOWMI	Gas	28	237,254,672	1,641,724,988	83,447,300	1,725,172,288	1,725,172,288					1,641,724,988	83,447,300	1,725,172,288
15	JOWMI	Gas	28	16,478,600	98,578,281	11,533,765	109,912,046	109,912,046					16,478,600	11,533,765	109,912,046
16	Chilodi Power	Bagasse	24												
17	Chilodi Power	Bagasse	24												
18	Chilodi Power	Bagasse	24												
19	Chilodi Power	Bagasse	24												
20	Atista Energy Limited	Bagasse	36	937											
21	Chattampi Nuclear	Bagasse	22	408,470,800	2,689,120,742	207,893,331	2,896,744,073	2,896,744,073					408,470,800	2,689,120,742	2,896,744,073
22	Chattampi Nuclear	Bagasse	22	395,965,000	3,415,964,820	418,993,484	3,834,958,304	3,834,958,304					395,965,000	418,993,484	3,834,958,304
23	Eggro PowerGen TRS	Coal	690												
24	Eggro PowerGen TRS	Coal	690	690											
25	Eggro PowerGen TRS	Coal	690												
26	Eggro PowerGen TRS	Coal	690												
27	Atista Energy	Gas	191	673,174,500	9,243,788,641	395,728,848	9,609,918,489	9,609,918,489					9,243,788,641	395,728,848	9,609,918,489
28	Atista Energy	Gas	1,180												
29	Atista Energy	Gas	1,230	403,030,000	5,386,720,282	78,066,911	5,464,787,193	5,464,787,193					403,030,000	78,066,911	5,464,787,193
30	Atista Energy	Gas	1,320	749,533,900	10,151,027,167	141,549,174	10,292,576,341	10,292,576,341					749,533,900	141,549,174	10,292,576,341
31	Atista Energy	Gas	1,320	742,950,964	8,590,106,286	160,879,974	10,110,586,160	10,110,586,160					742,950,964	160,879,974	10,110,586,160
32	Atista Energy	Gas	1,320	841,747,906	7,863,559,474	102,599,047	8,026,157,521	8,026,157,521					841,747,906	102,599,047	8,026,157,521
33	Atista Energy	Gas	1,320	8,260,729,799	54,632,002,837	67,591,728,431	67,591,728,431	67,591,728,431					8,260,729,799	67,591,728,431	67,591,728,431
34	Atista Energy	Gas	1,320	6,295,793,957	47,408,073,062	3,223,283,049	50,628,356,111	50,628,356,111					6,295,793,957	3,223,283,049	50,628,356,111
Sub-Total			2,043	307,342,632	75,051,887	75,051,887	75,051,887	75,051,887					307,342,632	75,051,887	75,051,887



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75,051,887

75,051,887

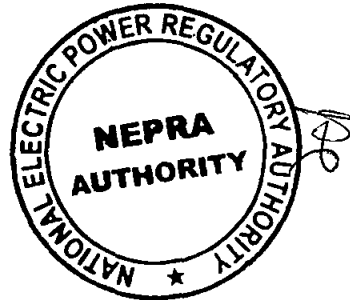
75,051,887

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of SEP 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.)
G-Total:			34,982	14,031,889,414	95,360,717,319	3,910,798,532	99,271,515,851	10,062,966,278	1,316,683,277	11,379,649,556	-	105,423,683,598	5,227,481,809	110,651,165,407
Summary														
1	Hydel			5,065,479,319	-	449,953,016	449,953,016	-	134,814,303	134,814,303	-	-	584,767,319	584,767,319
2	Coal			2,392,517,600	24,118,782,203	929,134,036	25,047,916,239	867,668,088	(815,918)	866,852,170	-	24,986,450,291	928,318,118	25,914,768,409
3	HSD			2,342,981	50,940,045	1,839,099	52,779,144	2,309,973,997	3,505,432	2,313,479,429	-	2,360,914,043	5,344,531	2,366,258,574
4	F.O.			997,438,903	19,182,986,812	904,558,786	20,087,545,597	224,278,548	32,913,621	257,192,169	-	19,407,265,360	937,472,406	20,344,737,766
5	Gas			1,248,276,996	10,401,774,544	586,278,424	10,988,052,988	(29,087,314)	2,428,350	(26,660,964)	-	10,372,687,230	588,704,774	10,961,392,004
6	RLNG			2,851,951,875	39,541,691,007	1,027,681,416	40,569,372,423	6,659,963,041	1,145,156,306	7,805,119,347	-	46,201,854,048	2,172,837,722	48,374,691,770
8	Nuclear			1,281,798,000	1,257,883,903	-	1,257,883,903	-	-	-	-	1,257,883,903	-	1,257,883,903
9	Import from Iran			48,269,000	633,028,637	-	633,028,637	30,169,918	-	30,169,918	-	663,198,555	-	663,198,555
10	Wind Power			230,399,634	-	-	-	-	-	-	-	-	-	-
11	Solar			60,754,720	-	-	-	-	-	-	-	-	-	-
10	Bagsasse			16,479,537	98,578,281	11,353,755	109,932,036	0	(1,316,917)	(1,316,917)	-	98,578,281	10,038,938	108,615,219
11	Mixed			18,181,269	75,051,887	-	75,051,887	-	-	-	-	75,051,887	-	75,051,887
Totals For The Month				14,031,889,414	95,360,717,319	3,910,798,532	99,271,515,851	10,062,966,278	1,316,683,277	11,379,649,556	-	105,423,683,598	5,227,481,809	110,651,165,407
Prev. Adjustments :				(800,251)	-	-	-	-	-	-	-	-	-	-
GRAND TOTALS :				14,031,089,163	105,423,683,598	5,227,481,809	110,651,165,407	-	-	-	-	-	-	-

Energy Cost (Rs.)	105,423,683,598	5,227,481,809	110,651,165,407
Cost not chargeable to DISCOs (Rs.)	724,568,558	-	724,568,558
EPP (Chargeable) (Rs.)	104,699,115,040	5,227,481,809	109,926,596,849
Energy Sold (KWh)	13,629,907,553	13,629,907,553	13,629,907,553
Avg. Rate (Rs./KWh)	7.6816	0.3835	8.0651

Reference Rate (Rs./KWh)	5.0229
FCA Rate (Rs./KWh)	2.6587



ADJUSTED

Annex-II

Source Wise Generation				
Sources	September 2021			
	Reference		Actual	
	GWh	%	GWh	%
Hydel	5,052.84	37.09%	5,085.48	36.24%
Coal	2,232.44	16.39%	2,392.52	17.05%
HSD	-	0.00%	2.34	0.02%
RFO	831.87	6.11%	997.44	7.11%
Gas	1,600.09	11.75%	1,248.28	8.90%
RLNG	2,868.46	21.06%	2,651.95	18.90%
Nuclear	749.28	5.50%	1,281.80	9.13%
Import Iran	49.97	0.37%	48.27	0.34%
Mixed	10.01	0.07%	16.18	0.12%
Wind	149.69	1.10%	230.40	1.64%
Baggasse	15.11	0.11%	16.48	0.12%
Solar	61.61	0.45%	60.75	0.43%
Total	13,621.37	100.0%	14,031.89	100.0%
Sale to IPPs	(19.37)	-0.14%	(25.43)	-0.18%
Transmission Losses	(367.43)	-2.70%	(353.73)	-2.52%
Net Delivered	13,234.57	97.2%	13,652.73	97.30%

Source Wise Fuel Cost/Energy Purchase Price				
Sources	SEPTEMBER 2021			
	Reference		Actual	
	Mlns. Rs.	Rs./kWh	Mlns. Rs.	Rs./kWh
Hydel	-	-	-	-
Coal	15,855.52	7.1023	24,080.63	10.0650
HSD	-	-	50.94	21.7417
RFO	11,201.55	13.4655	18,393.60	18.4408
Gas	12,890.78	8.0563	10,401.77	8.3329
RLNG	25,470.54	8.8795	38,841.55	14.6464
Nuclear	707.49	0.9442	1,257.88	0.9813
Import Iran	578.24	11.5709	633.03	13.1146
Mixed	65.91	6.5872	75.05	4.6382
Wind	-	-	-	-
Baggasse	93.81	6.2089	98.58	5.9819
Solar	-	-	-	-
Total	66,863.83	4.9087	93,833.03	6.6871
Supplemental Charges	-	-	9,971.84	0.7107
Sale to IPPs	(387.42)	-	(724.57)	(28.4897)
Grand Total	66,476.41	4.8803	103,080.30	7.3461
Transmission Losses	-	0.1426	-	0.2040
Net Total	66,476.41	5.0229	103,080.30	7.5502

National Electric Power Regulatory Authority



NOTIFICATION

Islamabad, the November 8, 2021

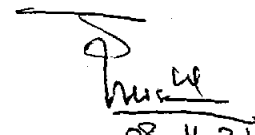
S.R.O. ¹⁴³⁰ (I)/2021: – Pursuant to Section 31(7) of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 as amended through Regulation of Generation, Transmission and Distribution of Electric Power (Amendment) Act 2011, the National Electric Power Regulatory Authority 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 September 2021 in respect of Ex-WAPDA Distribution Companies (XWDISCOs):

Description	September 2021
Actual Fuel Charge Component for September 2021	Rs.7.5502/kWh
Corresponding Reference Fuel Charge Component	Rs.5.0229/kWh
Fuel Price Variation for the month of September 2021 - Increase	Rs.2.5272/kWh

Note: The Authority has reviewed and assessed an increase of Rs.2.5272/kWh in the applicable tariff for EX-WAPDA DISCOs on account of variation in the fuel charges for the month of September 2021 as per the above details.

2. The above adjustment an increase of Rs.2.5272/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 September 2021 by the XWDISCOs. XWDISCOs shall reflect the fuel charges adjustment in respect of September 2021 in the billing month of November 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.


08 11 21
(Syed Safer Hussain)
Registrar

