



CENTRAL POWER PURCHASING AGENCY GUARANTEE LIMITED
(A Company of Government of Pakistan)

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Blue Area, Islamabad
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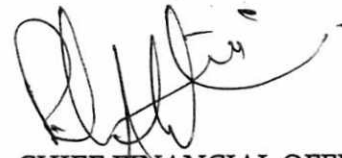
No. CPPA-G/2023/CFO/10727-28

Dated: August 15, 2023

The Registrar NEPRA
NEPRA Tower Ataturk Avenue (East),
Sector G-5/1, Islamabad.

SUBJECT: XWDISCOs' ENERGY PURCHASE DATA FOR MONTH OF JULY 2023.

With reference to the FCA mechanism provided in XWDISCOs' tariff determination, please find attached the Energy Data for the month of July 2023. The soft copy of the FCA Claim along with the EPP invoices is also being sent to NEPRA for its consideration.


CHIEF FINANCIAL OFFICER

CC:

- Chief Executive Officer, CPPA-G.
- Master File

TARIFF (DEPARTMENT)

Dir (T-I)..... Dir (T-II).....
Dir (T-III)..... Dir (T-IV).....
Dir (T-V)..... Addl. Dir (RE).....
Date: 21-8-23

Forwarded please:
☒ For nec action ☐ for information

1. DG (Lic.)	2. DG (Admn./HR)
3. DG (M&E)	4. DG (CAD)
5. DG (TR)	6. Dir. (Fin.)
7. Dir. (Tech.)	8. Consultant
9. LA	10. Dir. (IT)

For kind information please
Chairman
M (Lic.)
M (Law)
M (Tech.)
M (Tr. & Fin)

REGISTRAR OFFICE
Dlary No: 11621
Date: 18-8-23

Tariff Division Record
Dy No: 5176
Date: 21-8-23



CERTIFICATE

FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

REGARDING 2002 POWER POLICY

FOR THE MONTH OF JULY 2023

This is to certify that:-

- 1) All purchases have been made from Generation Companies having valid generation License issued by NEPRA.
- 2) 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.
- 3) 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.


DGM Technical


DGMF-I CPPA-G



CERTIFICATE

FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

REGARDING 1994 POWER POLICY (HUBCO INCLUSIVE)


FOR THE MONTH OF JULY 2023

This is to certify that: -

- 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 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.



DGM Technical



DGMF-II CPPA-G


CERTIFICATE

Subject: **MONTHLY FUEL CHARGES ADJUSTMENT OF DISCOS
FOR THE MONTH OF JULY -2023.**

- I. It is certified that Merit order was followed as defined under section 2 (1) (x) of the NEPRA Licensing (Generation) Rules 2000, while operating power plants in its fleet during month of July-2023.
- II. Partial Loading of power plants was 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 conservation where needed.


Deputy Manager (PC-I)
NPCC, NTDC, Islamabad


Manager Power Control
NPCC, NTDC, Islamabad


Chief Engineer (Network Operation)
NPCC, NTDC, Islamabad

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

S.No	Power Producers	Fuel	Capacity (MW)	Energy kWh	Fuel Charges Rs.	VOLM Charges Rs.	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in VOLM (Rs.)	Prev. Adjustment in G&E-F Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VOLM Rs.	Total Energy Cost (Rs.)
Model			A	B	C	D=B+C	E	F	G=E+F	H	I=H+H	J=C+H	K=J
1	WAPDA	Hydel	6,502	3,789,914,598	258,096,475	258,096,475							
2	Japan	Hydel	30	18,179,439	47,084,747	47,084,747							
3	Mahmud-ul-Sayeed	Hydel	81	4,453,730	1,034,712	1,034,712							
4	Star Hydro	Hydel	84	5,854,100	1,410,496	1,410,496							
5	Nearon Shikam	Hydel	147	77,692,000	1,788,110	1,788,110							
6	Tarbela Ext. 4	Hydel	959		16,905,158	16,905,158							
7	Mira Power Limited	Hydel	1,478	1,016,182,440	136,165,767	136,165,767							
8	Shikam Power	Hydel	31	15,581,000	11,560,790	11,560,790							
9	Dard Khwar HPP	Hydel	37	15,008,680	115,008,680	115,008,680							
10	Karot Power Company (Pvt) Limited	Hydel	720	532,094,200	168,035,979	168,035,979							
11	Ranoldi Hydro Power Complex	Hydel	17										
12	Hydel Total		10,592	5,517,773,185	755,976,102	755,976,102							
13	GENCO-I ***												
14	Jamshoro Block 1	RFO	182										
15	Unit 1	Gas											
16	Jamshoro Block 2	RFO	457										
17	Unit 2	Gas											
18	Unit 3	Gas											
19	Unit 4	Gas											
20	Unit 5	Gas											
21	Unit 6	Gas											
22	Unit 7	Gas											
23	Unit 8	Gas											
24	Unit 9	Gas											
25	Unit 10	Gas											
26	Unit 11	Gas											
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139	Unit 124	Gas											
140	Unit 125	Gas											
141	Unit 126	Gas											
142	Unit 127	Gas											
143													

S No	Power Producers	Fuel	Capacity (MW)	Energy KWh	Fuel Charges Rs.	VOM Charges Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in VOM (Rs.)	Prev. Adjustment in EPP Total Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VOM Rs.	Total Energy Cost (Rs.)
20	Karachi Nuclear Power Plant-Unit-2	NucL	1,140	726,629,000	928,559,199	-	928,559,199	(9,555,598)	-	(9,558,598)	-	918,900,601	-	918,900,601
21	Karachi Nuclear Power Plant-Unit-3	NucL	1,145	743,446,000	656,016,750	-	656,016,750	-	-	-	-	656,016,750	-	656,016,750
22	Taxim Train	Import	96	28,845,000	681,226,247	-	681,226,247	-	-	-	-	681,226,247	-	681,226,247
Sub Total			8,633	2,755,381,976	15,654,901,689	-	15,654,901,689	(983,428,680)	-	(983,428,680)	-	15,400,711,005	-	15,400,711,005
1	Attock Gas	RFO	156	15,581,619	42,267,147	529,337,997	403,325,566	8,432,619	8,432,619	(983,428,680)	-	14,871,473,008	529,337,997	15,400,711,005
2	Atara Power	RFO	214	16,502,265	44,767,344	42,867,147	403,325,566	8,432,619	8,432,619	(983,428,680)	-	14,871,473,008	529,337,997	15,400,711,005
3	Nisat Power	RFO	195	49,468,284	1,231,681,122	134,197,344	485,976,683	17,460,449	23,965,91	15,372,646	-	431,424,045	15,372,646	447,796,691
4	Foundation Power	RFO	195	91,676,743	2,791,380,837	103,435,889	894,916,716	19,185,297	10,214,63	29,399,150	-	1,250,895,418	68,752,736	1,319,648,154
5	Orlent	RLNG	213	94,546,891	2,791,380,837	103,435,889	894,916,716	19,185,297	10,214,63	29,399,150	-	1,250,895,418	68,752,736	1,319,648,154
6	Nisat Chulhan	RFO	196	37,157,650	832,023,952	70,417,193	485,528,335	485,528,335	485,528,335	(440,731)	-	3,220,739,988	70,417,193	3,291,157,181
7	Saf Power	RLNG	204	69,906,694	2,196,082,998	88,474,827	4,276,543	389,352,021	1,978,218	6,237,162	-	2,498,960,191	102,541,682	2,601,501,873
8	Engro Energy	Gas	213	77,247,654	780,085,472	77,340,213	857,425,665	(9,352,632)	-	(9,352,632)	-	770,722,840	77,340,213	848,063,053
9	Sapphire Power	RLNG	203	87,165,150	2,568,108,674	-	2,568,108,674	322,233,965	-	322,233,965	-	2,890,342,639	-	2,890,342,639
10	Indus Renewal	RFO	214	6,609,755	187,117,537	14,480,651	201,598,188	-	-	-	-	187,117,537	14,480,651	201,598,188
11	Liberty Power	RFO	196	43,609,912	1,196,164,998	126,551,604	1,322,719,252	-	-	-	-	1,196,164,998	126,551,604	1,322,719,252
12	Haliore	RLNG	199	66,934,512	2,052,679,252	126,551,604	2,052,679,252	286,071,214	-	286,071,214	-	2,338,750,466	-	2,338,750,466
13	JSK	Gas	381	233,913,696	2,886,775,705	153,538,603	3,040,714,308	(145,625)	(2,002)	(147,627)	-	2,895,630,080	153,538,603	3,049,168,683
14	JOH	Biogas	26	3,277,100	4,342,158	4,342,158	23,946,425	(1,559,924)	(1,559,924)	(1,559,924)	-	2,886,630,080	153,538,603	3,049,168,683
15	JOH	Biogas	26	3,277,100	4,342,158	4,342,158	23,946,425	(1,559,924)	(1,559,924)	(1,559,924)	-	2,886,630,080	153,538,603	3,049,168,683
16	RYK	Biogas	2	17,033,600	101,899,761	22,569,600	124,668,360	0	13,454,275	13,454,275	-	136,624,636	36,023,875	172,648,511
17	Chishti Power	Biogas	2	1,556,200	9,309,500	1,557,544	11,267,044	(2,026,302)	(2,026,302)	(2,026,302)	-	8,283,198	33,064,758	41,347,956
18	Hansa Sugar Mills	Biogas	15	16,816,740	99,416,626	22,019,831	121,436,457	-	1,046,678	1,046,678	-	99,416,626		

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of July 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.)
Summary														
1	Hydel		5,517.773.165		25,164,284.031	755,976.102	755,976.102	-	162,651,525	162,651,525	-	-	918,627,627	
2	Coal		2,178,867.100			1,880,578.739	26,844,802.771	3,651,407,445	259,064,145	3,910,472,089	-	28,815,591,976	1,939,642,884	30,755,334,860
3	HSD													
4	F.O.		294,646.553		8,481,822.930	563,768.743	9,024,189.373	25,844,098	44,605,082	50,449,191	-	8,481,566,740	607,371,825	9,088,338,564
5	Gas		1,128,771.159		15,439,467,414	906,391,246	16,345,038,660	1,235,897,761	35,484,890	1,438,175,601	-	16,842,756,124	941,876,136	17,784,634,260
6	Renewable		2,916,094,247		71,292,098,215	1,504,312,863	72,797,011,168	1,478,131,144	-	1,478,131,144	-	72,770,819,269	1,504,312,983	74,275,132,253
7	Nuclear		2,106,932,000		2,457,428,030	-	2,457,428,030	(8,658,598)	-	(8,658,598)	-	2,447,769,432	-	2,447,769,432
8	Import from Iran		28,845,000		681,226,247	-	681,226,247	-	-	-	-	681,226,247	-	681,226,247
9	Wind Power		548,762,996		-	-	-	-	-	-	-	-	-	-
10	Solar		75,185,665		-	-	-	-	-	-	-	-	-	-
	Bagasse		35,969,877		239,107,799	52,756,375	291,864,173	0	26,037,161	26,037,161	-	239,107,799	78,793,535	317,901,335
	Totals For the month		14,838,717,383		123,735,634,307	5,462,782,187	129,198,616,554	6,843,505,221	527,842,803	7,071,348,024	-	130,279,339,587	5,990,624,990	136,269,964,577
	Prev. Adjustments :		(16,040,123)		6,543,505,221	527,842,803	7,071,348,024	-	-	-	-	-	-	-
	GRAND TOTALS :		14,822,677,260		130,279,339,587	5,990,624,990	136,269,964,577	-	-	-	-	-	-	-

Energy Cost (Rs.)	130,279,339,587
Cost not chargeable to DISCOs (Rs.)	1,304,033,669
EPP (Chargeable) (Rs.)	128,975,305,918
Energy Sold (KWh)	14,388,431,997
Avg. Rate (Rs./KWh)	8.9638
	9.3802

Reference Rate (Rs./KWh)	6.8935
FCA Rate Current month (Rs./KWh)	2.0703

For the Month of July 2023										
S.No.	Power Producer	Fuel	Dep. Capacity (MW)	Energy KWh	Fuel Cost component as determined by Authority (Rs./kWh)	Fuel Cost as per NEPRA Approved Rate (Rs.)	Heat Degradation Factor (Dh) Rs.	Load Correction Factor (kL) Rs.	Any other Cost as per PPA (Rs.)	Fuel Charges Rs.
A										
1	Foundation Power Company Daharki Ltd.	Gas	171	91,878,743	8.0553	740,115,130	15,542,418	35,723,279	-	791,380,827
2	Orient Power Company (Private) Limited	RLNG	213	94,648,891	26.2096	2,480,710,430	33,489,591	249,009,932	-	2,763,209,953
3	Saif Power Limited	RLNG	204	69,906,694	26.2108	1,832,310,387	44,158,680	231,135,104	-	2,107,608,171
4	Engro Powergen Qadirpur Limited	Gas	213	77,247,654	8.7006	672,099,077	17,474,576	90,511,819	-	780,085,472
5	Sapphire Electric Company Limited	RLNG	203	87,165,150	26.2102	2,284,616,015	30,842,316	252,650,343	-	2,568,108,674
6	Halmore Power Generation Company Limited	RLNG	199	66,934,512	26.2113	1,754,439,118	54,738,500	243,501,633	-	2,052,679,252
7	Quaid-e-Azam Thermal Power (Pvt) Limited	RLNG	1,180	413,961,000	22.0311	9,120,016,187	192,432,342	1,151,494,108	-	10,463,942,637
8	National Power Parks Management Company Private	RLNG	2,550	1,365,098,000	21.6569	29,563,747,825	614,723,162	2,985,890,047	-	33,164,361,034
IPPs Total:-				2,266,840,644		48,448,054,169	1,003,401,586	5,239,920,265	-	54,691,376,020
				4,933						