

FPA



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

Shaheen Plaza | Plot no. 73-West | Fazal-E-Haq Road,
Blue Area, Islamabad
Fax: +92-51-9216949, Ph: +92-051- 9213616
www.cppa.gov.pk

No. CPPA-G/2022/CFO/16197-98

Dated: September 14, 2022

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

For info En. P.P. N 15/8/22
- AD (CT)
copy to
- SA (N&E)
- M.P.
Chairman
- M (N&E/CA)
- M (Ue/T)

SUBJECT: XWDISCOs' ENERGY PURCHASE DATA FOR MONTH OF AUGUST 2022.

With reference to the FCA mechanism provided in XWDISCOs' tariff determination, please find attached the Energy Data for the month of August 2022. 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

Chief Division Record

5419
16-9-22

REGISTRAR OFFICE
Diary No: 9361
Date: 15.9.2022



CERTIFICATE

FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

REGARDING 2002 POWER POLICY

FOR THE MONTH OF AUGUST 2022

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


GMF (CPPA-G)



CERTIFICATE

FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

REGARDING 1994 POWER POLICY (HUBCO & KAPCO INCLUSIVE)

FOR THE MONTH OF AUGUST 2022

This is to certify that: -

- 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.

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

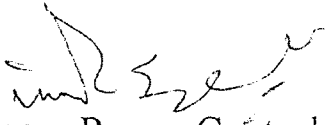

DGMF-II (CPPA-G)

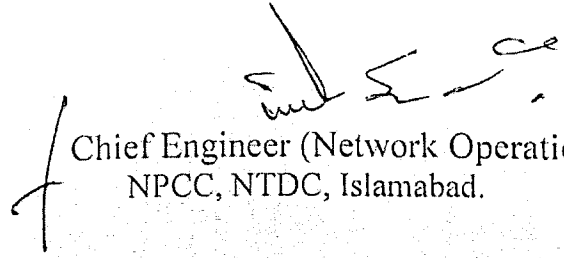
CERTIFICATE

Subject: MONTHLY FUEL CHARGES ADJUSTMENT OF DISCOS FOR THE MONTH OF AUGUST-2022.

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

S.No.	Power Producers	Fuel	Dep. 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.)	
															A
1	Hydel														
	WAPDA	Hydel	6,902	3,786,057,656			244,942,443	244,942,443			(122,716)	(122,716)			
	Jagran	Hydel	30	16,078,370			41,642,978	41,642,978					244,819,727	244,819,727	
	Pabute	Hydel	18	-			-	-					41,642,978	41,642,978	
	Malakand-III SHYDO	Hydel	81	32,200,350			10,197,851	10,197,851						10,197,851	10,197,851
	Larab	Hydel	84	8,556,600			2,650,835	2,650,835						10,197,851	10,197,851
	Star Hydro	Hydel	147	49,681,300			9,161,232	9,161,232						2,650,835	2,650,835
	Head Maralla	Hydel	8	1,249,913			-	-						9,161,232	9,161,232
	Neelum Jhelum	Hydel	969	-			-	-						-	-
	Tarbela Ext. 4	Hydel	1,478	1,016,426,940			136,201,210	136,201,210						136,201,210	136,201,210
	Mira Power Limited	Hydel	101	63,296,650			12,285,880	12,285,880						12,285,880	12,285,880
	Daral Khwar	Hydel	37	14,035,340			-	-						12,285,880	12,285,880
	Karot Power Company (Pvt.) Limited	Hydel	720	360,275,200			212,850,588	212,850,588			9,812,127	9,812,127		222,662,715	222,662,715
	Ranolia Hydro Power Complex	Hydel	17	5,835,600			-	-						222,662,715	222,662,715
	Hydel Total:		10,592	5,353,693,919			669,933,017	669,933,017			9,689,411	9,689,411		679,622,428	679,622,428
	Ex-WAPDA GENCOs														
i	GENCO-I ***														
	Jamshoro Block 1	RFO	182	12,796,000	569,343,945	1,183,630	570,527,575	-	-	-	-	569,343,945	1,183,630	570,527,575	
	Unit 1	Gas	-	-	-	-	-	-	-	-	-	-	-	-	
	Jamshoro Block 2	RFO	467	(167,670)	(8,378,218)	(15,509)	(8,393,727)	-	-	-	-	(8,378,218)	(15,509)	(8,393,727)	
	Unit 2	Gas	-	-	-	-	-	-	-	-	-	-	-	-	
	Unit 3	RLNG	-	-	-	-	-	-	-	-	-	-	-	-	
	Unit 4	RFO	-	(167,665)	(7,980,536)	(15,509)	(7,996,045)	-	-	-	-	(7,980,536)	(15,509)	(7,996,045)	
	Unit 4	Gas	-	-	-	-	-	-	-	-	-	-	-	-	
	Unit 4	RLNG	-	-	-	-	-	-	-	-	-	-	-	-	
	Unit 4	RFO	0	(167,665)	(7,980,536)	(15,509)	(7,996,045)	-	-	-	-	(7,980,536)	(15,509)	(7,996,045)	
Kotli 3-7	Gas	-	-	-	-	-	-	-	-	-	-	-	-		
Jamshoro Block 4	Gas	-	-	-	-	-	-	-	-	-	-	-	-		
Jamshoro Total		649	12,293,000	544,832,983	1,137,703	545,970,086						544,832,983	1,137,703	545,970,086	
ii	GENCO-II ***														
	Guddu CC Block 1 (OC)	Gas	390	150,050,195	1,510,484,735	10,338,458	1,520,823,193	-	-	-	-	1,510,484,735	10,338,458	1,520,823,193	
	Central Block 2 (CC)	Gas	530	78,338,958	636,504,034	5,397,554	641,901,588	-	-	-	-	636,504,034	5,397,554	641,901,588	
	Guddu (OC) Block-2	Gas	530	71,711,237	873,980,701	4,940,904	878,921,605	-	-	-	-	873,980,701	4,940,904	878,921,605	
iii	GENCO-III ***														
	Guddu 147 (CC)	Gas	721	333,259,000	2,956,873,803	255,443,024	3,212,316,827	(28,814,907)	-	(28,814,907)	-	2,928,058,896	255,443,024	3,183,501,920	
Central Total		1,641	483,309,195	4,467,358,538	265,781,482	4,733,140,020	(28,814,907)		(28,814,907)		4,438,543,631	265,781,482	4,704,325,113		
2	GENCO-III ***														
	Northern Block 1	RFO	556	(441,672)	(21,663,217)	-	(21,663,217)	(48,063,565)	(3,069,756)	(51,133,321)	-	(69,726,782)	(3,069,756)	(72,796,538)	
	Unit 1	RFO	-	(474,408)	(23,584,055)	-	(23,584,055)	-	-	-	(23,584,055)	-	-	(23,584,055)	
	Unit 2	RFO	-	-	-	-	-	-	-	-	-	-	-	-	
	Unit 3	RFO	19,349,068	-	-	3,873,245	932,506,510	-	-	-	-	932,506,510	3,873,245	932,506,510	
	Unit 1	Gas	-	-	-	-	-	-	-	-	-	-	-	-	
	Unit 2	Gas	-	-	-	-	-	-	-	-	-	-	-	-	
	Unit 3	Gas	-	-	-	-	-	-	-	-	-	-	-	-	
	Unit 1	RLNG	-	-	-	-	-	-	-	-	-	-	-	-	
	Unit 2	RLNG	-	-	-	-	-	-	-	-	-	-	-	-	
	Unit 3	RLNG	-	-	-	-	-	-	-	-	-	-	-	-	
	Unit 3	RLNG	-	-	-	-	-	-	-	-	-	-	-	-	
	Northern Block 2	RFO	272	(56,628)	(2,713,739)	-	(2,713,739)	-	-	-	-	(2,713,739)	-	(2,713,739)	
	Block-2 Unit 4	RFO	-	-	-	-	-	-	-	-	-	-	-	-	
	Block-2 Unit 4	Gas	-	-	-	-	-	-	-	-	-	-	-	-	
	Block-2 Unit 4	RLNG	-	-	-	-	-	-	-	-	-	-	-	-	
	Northern Block 3	RFO	355	(169,339)	(8,640,962)	-	(8,640,962)	-	-	-	-	(8,640,962)	-	(8,640,962)	
	Block-3 Unit 5	Gas	-	-	-	-	-	-	-	-	-	-	-	-	
	Block-3 Unit 5	RLNG	-	-	-	-	-	-	-	-	-	-	-	-	
	Block-3 Unit 6	RFO	-	(169,339)	(8,877,309)	-	(8,877,309)	-	-	-	-	(8,877,309)	-	(8,877,309)	
	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	222,925,000	5,904,820,177	117,303,136	6,022,123,313	-	-	(51,133,321)	-	5,904,820,177	117,303,136	6,022,123,313		
Northern Total		1,884	240,962,682	6,767,974,260	121,176,381	6,889,150,641	(48,063,565)		(3,069,756)	(51,133,321)	6,719,910,695	118,106,625	6,838,017,320		
GENCO-IV															
LAKHRA	Coal	31	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-Total:		31	-	-	-	-	-	-	-	-	-	-	-	-	
GENCOs Total:-		4,204	736,564,877	11,780,165,781	388,094,966	12,168,260,747	(76,878,472)		(3,069,756)	(79,948,228)	11,703,287,309	385,025,210	12,088,312,519		
3	IPPs														
	Kot Addu Block 1	RFO	325	72,429,200	2,465,349,556	63,542,261	2,528,891,817	(1,158,727)	(2,084,850)	(3,243,577)	-	2,464,190,829	61,457,411	2,525,648,240	
	Unit 1	RLNG	-	13,907,400	385,882,042	7,033,803	392,915,845	-	-	-	-	385,882,042	7,033,803	392,915,845	
	Kot Addu Block 2	RFO	782	43,597,000	1,612,605,406	53,838,652	1,666,444,058	-	-	-	-	1,612,605,406	53,838,652	1,666,444,058	
	Unit 1	RLNG	-	16,927,700	501,855,480	10,014,268	511,869,748	-	-	-	-	501,855,480	10,014,268	511,869,748	
	Unit 2	HSD	-	-	-	-	-	-	-	-	-	-	-	-	
	Unit 3	RLNG	-	-	-	-	-	-	-	-	-	-	-	-	
	Unit 3	HSD	-	-	-	-	-	-	-	-	-	-	-	-	
	KAPCO Total		1,336	146,861,300	4,965,692,484	134,428,984	5,100,121,468	(1,158,727)		(2,084,850)	(3,243,577)	4,964,532,757	132,344,134	5,096,877,891	
	Hub Power	RFO	1,208	72,216,000	2,943,168,044	20,514,014	2,963,682,058	26,091	-	26,091	-	2,943,194,135	20,514,014	2,963,708,149	
Kohliqar Energy	RFO	124	60,130,000	2,045,869,507	68,573,306	2,114,442,813	-	(7)	(7)	-	2,045,869,507	68,573,299	2,114,442,806		
AES Lalpur	RFO	350	95,553,500	3,854,869,940	31,214,844	3,886,084,784	-	(227,536)	(227,536)	-	3,854,869,940	30,987,308	3,885,857,248		
PAK Gen Power Limited	RFO	350	85,976,800	3,427,966,033	28,086,385	3,456,052,418	(73)	(246,177)	(246,250)	-	3,427,965,960	27,840,208	3,455,806,168		

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of August 2022

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.)
31	Foundation Wind Energy-II (Pvt.) Limited	Wind	50	10,410,360	-	-	-	-	-	-	-	-	-	-
32	Master Green Energy Limited	Wind	50	13,558,230	-	-	-	-	-	-	-	-	-	-
33	Lucky Renewables (Private) Limited	Wind	50	13,446,160	-	-	-	-	-	-	-	-	-	-
34	ACT2 DIN Wind (Pvt) Ltd.	Wind	50	13,342,490	-	-	-	-	-	-	-	-	-	-
35	Artistic Wind Power (Pvt) Ltd.	Wind	50	12,205,620	-	-	-	-	-	-	-	-	-	-
36	Indus Wind Energy Ltd.	Wind	50	13,113,350	-	-	-	-	-	-	-	-	-	-
37	Lakeside Energy Limited	Wind	50	13,394,120	-	-	-	-	-	-	-	-	-	-
38	Liberty Wind Power-I Ltd.	Wind	50	11,495,200	-	-	-	-	-	-	-	-	-	-
39	DIN Energy Ltd.	Wind	50	11,582,170	-	-	-	-	-	-	-	-	-	-
40	Gul Ahmed Electric Limited	Wind	50	14,219,370	-	-	-	-	-	-	-	-	-	-
41	Zhenfa Pakistan New Energy Company Limit	Solar	50	17,300,700	-	-	-	-	-	-	-	-	-	-
42	Liberty Wind Power-II (Pvt.) Ltd.	Wind	100	11,566,860	-	-	-	-	-	-	-	-	-	-
43	NASDA Green Energy Limited	Wind	50	13,646,430	-	-	-	-	-	-	-	-	-	-
44	Metro Wind Power Limited	Wind	50	19,781,440	-	-	-	-	-	-	-	-	-	-
45	SPPs	Mixed	257	17,779,474	84,530,014	-	84,530,014	-	-	-	-	84,530,014	-	84,530,014
	Sub-Total		2,643	481,931,728	84,530,014		84,530,014					84,530,014		84,530,014
	G-Total:		39,760	14,052,589,426	141,351,063,190	4,509,411,768	145,860,474,958	(1,844,826,045)	18,573,959	(1,826,252,087)		139,506,237,145	4,527,985,727	144,034,222,871
Summary														
1	Hydel			5,353,693,919	-	669,933,017	669,933,017	-	9,689,411	9,689,411	-	-	679,622,428	679,622,428
2	Coal			2,163,010,900	44,437,090,556	987,706,078	45,424,796,635	418,281,474	14,503,817	432,785,291	-	44,855,372,030	1,002,209,895	45,857,581,926
3	HSD			-	-	-	-	38,373,332	1,263,399	39,636,731	-	38,373,332	1,263,399	39,636,731
4	F.O.			1,021,383,077	36,376,049,334	1,223,275,171	37,599,324,505	20,370,880	(5,794,992)	14,575,888	-	36,396,420,214	1,217,480,179	37,613,900,393
5	Gas			1,315,209,798	13,800,473,342	747,484,429	14,547,957,771	(58,592,146)	(1,371,253)	(59,963,399)	-	13,741,881,196	746,113,176	14,487,994,372
6	RLNG			1,755,788,094	43,402,907,401	850,768,715	44,253,676,116	(2,263,259,663)	(23,194)	(2,286,452,857)	-	41,139,647,738	850,745,521	41,990,393,259
7	Nuclear			1,873,977,000	-	1,910,339,891	1,910,339,891	-	-	-	-	1,910,339,891	-	1,910,339,891
8	Import from Iran			54,469,000	1,141,506,833	-	1,141,506,833	78	-	78	-	1,141,506,911	-	1,141,506,911
9	Wind Power			390,710,164	-	-	-	-	-	-	-	-	-	-
10	Solar			73,442,090	-	-	-	-	-	-	-	-	-	-
11	Bagasse			33,125,910	198,165,818	30,244,358	228,410,176	0	306,771	306,771	-	198,165,818	30,551,129	228,716,947
	Mixed			17,779,474	84,530,014	-	84,530,014	-	-	-	-	84,530,014	-	84,530,014
	Totals For The month			14,052,589,426	141,351,063,190	4,509,411,768	145,860,474,958	(1,844,826,045)	18,573,959	(1,826,252,087)		139,506,237,145	4,527,985,727	144,034,222,871
	Prev. Adjustments :			(1,098,342)	(1,844,826,045)		18,573,959		(1,826,252,087)					
	GRAND TOTALS :			14,051,491,084	139,506,237,145	4,527,985,727	144,034,222,871							

Energy Cost (Rs.)	139,506,237,145	4,527,985,727	144,034,222,871
Cost not chargeable to DISCOs (Rs.)	1,582,343,075	-	1,582,343,075
EPP (Chargeable) (Rs.)	137,923,894,070	4,527,985,727	142,451,879,796
Energy Sold (KWh)	13,638,753,196	13,638,753,196	13,638,753,196
Avg. Rate (Rs./KWh)	10.1126	0.3320	10.4446
Reference Rate (Rs./KWh)	9.8934		
FCA Rate (Rs./KWh)	0.2192		

CENTRAL POWER PURCHASING AGENCY (CPPA)
Detail Breakup of FCC Claimed
For the Month of August 2022

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										B
1	Foundation Power Company Daharki Ltd.	Gas	171	117,060,615	6.6087	773,622,345	32,492,138	7,005,896	-	813,120,379
2	Orient Power Company (Private) Limited	RLNG	213	84,234,856	25.3941	2,139,066,548	66,738,876	161,017,943	-	2,366,823,368
3	Saif Power Limited	RLNG	204	63,336,238	25.3546	1,605,866,948	21,679,204	177,927,698	-	1,805,473,850
4	Engro Powergen Qadirpur Limited	Gas	213	74,482,496	7.1190	530,238,596	7,953,579	67,760,483	-	605,952,658
5	Sapphire Electric Company Limited	RLNG	203	55,888,776	25.4349	1,421,523,527	44,351,534	152,179,253	-	1,618,054,314
6	Halmore Power Generation Company Limited	RLNG	199	21,029,824	25.4288	534,764,069	16,470,733	88,800,120	-	640,034,922
7	Uch-II Power (Pvt.) Limited	Gas	381	227,085,192	8.4112	1,910,056,910	63,031,878	6,220,464	-	1,979,309,252
8	Quaid-e-Azam Thermal Power (Pvt) Limited	RLNG	1,180	365,913,100	21.0807	7,713,694,834	152,731,158	966,953,034	-	8,833,379,026
9	National Power Parks Management Company Private	RLNG	2,550	911,050,200	21.0360	19,164,810,403	379,463,246	1,782,754,937	-	21,327,028,586
10	Port Qasim Electric Power Company (Pvt.) Limited	Coal	1,320	657,523,500	16.5051	10,852,517,499	225,732,364	147,346,411	-	11,225,596,274
IPPs Total:-			6,634	2,577,604,797		46,646,161,679	1,010,644,710	3,557,966,240	-	51,214,772,629

Detail Of Energy Imported From Small Power Producers					
DISCO	Captive	Contract Capacity (MW)	Description	Aug, 2022	Rate (Rs./KWh)
MEPCO	Kumhar Wala Power House-I	5.00	Energy	1,007,474	
			Cost (Rs.)	-	
	DISCO's Total:-	5.00	Energy	1,007,474	-
			Cost (Rs.)	-	
HESCO	Thatta Power (Pvt.) Ltd.,	18.80	Energy	1,544,000.00	5.04
			Cost (Rs.)	7,781,680	
	Lucky Cement Factory Ltd., N-Abad	20.00	Energy	15,228,000	5.04
			Cost (Rs.)	76,748,334	
	DISCO's Total:-	56.80	Energy	16,772,000	5.04
			Cost (Rs.)	84,530,014	
G-Total		61.80	Energy	17,779,474	4.75
			Cost (Rs.)	84,530,014	