



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

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www.cppa.gov.pk

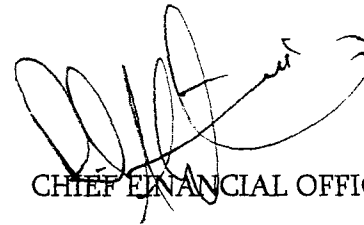
No. CPPA-G/2023/CFO/ 3653-54

Dated: March 15, 2023

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

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

With reference to the FCA mechanism provided in XWDISCOs' tariff determination, please find attached the Energy Data for the month of February 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: 17-03-23

Forwarded please:

☒ For nec action

☐ for information

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

For kind information please:

- 1. Chairman
- 2. M (Lic.)
- 3. M (Law)

- 4. M (Tech.)
- 5. M (Trf. & Fin)

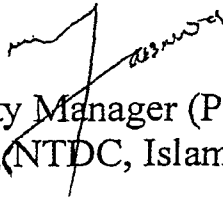
Tariff Division Record
By No. 1747
Dated 17-3-23

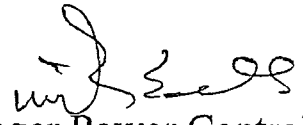
REGISTRAR OFFICE
Diary No. 3178
Date: 16-3-2023

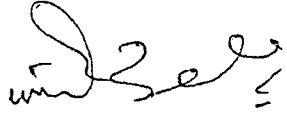
CERTIFICATE

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

- 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 February-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.



CERTIFICATE

FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

REGARDING 1994 POWER POLICY (HUBCO INCLUSIVE)

FOR THE MONTH OF FEBRUARY 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

FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

REGARDING 2002 POWER POLICY

FOR THE MONTH OF FEBRUARY 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

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

Sl. No.	Power Producers	Field	Capacity (MW)	Energy (KWh)	Fuel Charges Rs.	VOAM Charges Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel (Rs.)	Prev. Adjustment in (Rs.)	Prev. Adjustment in EPP Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VOAM Rs.	Total Energy Cost (Rs.)
10	State Power	RFO	126	269,493,000	3,267,925,178	171,802,426	3,439,728,604	(173,474)		(173,474)		3,267,552,104	171,802,426	3,439,354,530
12	Uth	Gas	548											
13	Alam	Gas	27											
14	Liberty	Gas	212											
16	Chattam Nuclear	Nuc.	300	191,632,000	233,541,919		233,541,919	(186,384,865)	(659)	(186,385,524)		(186,385,524)		(186,385,524)
17	Chattam Nuclear	Nuc.	315	201,346,000	276,025,232		276,025,232	276,025,232		276,025,232		276,025,232		276,025,232
18	Chattam Nuclear	Nuc.	340	200,701,000	282,587,008		282,587,008	192,277,955		192,277,955		192,277,955		192,277,955
19	Chattam Nuclear	Nuc.	340	157,773,000	192,277,955		192,277,955	532,919,693	(2)	532,919,693		532,919,693		532,919,693
20	Marshall Nuclear Power Plant Unit-2	Nuc.	1,140	597,652,000	532,919,693		532,919,693	492,797,886		492,797,886		492,797,886		492,797,886
21	Marshall Nuclear Power Plant Unit-3	Nuc.	1,145	543,687,000	492,797,886		492,797,886	128,621,399		128,621,399		128,621,399		128,621,399
22	Titanium Iron	Import	96	32,952,200	814,907,935		814,907,935	(315,182,673)		(315,182,673)		(315,182,673)		(315,182,673)
1	Atroc-Gem	RFO	8,633	2,205,379,200	6,480,467,547	200,240,864	6,680,708,431	(128,621,399)		(128,621,399)		6,552,087,032	200,240,864	6,752,327,896
2	Atroc-Gem	RFO	156	19,749,745	385,342,486	43,182,617	428,525,103	(2)		(2)		428,525,101		428,525,101
3	Atroc-Gem	RFO	214	11,748,501	274,385,991	25,413,163	299,801,773	8,360,176		8,360,176		308,161,949		308,161,949
4	Metals Power	Gas	195					6,516,474		6,516,474		6,516,474		6,516,474
5	Foundation Power	RFO	171	15,077,688	110,116,352	13,238,782	123,355,134	(645,959)		(645,959)		122,709,175		122,709,175
6	Orient	RFO	213	16,039,273	413,119,363	9,692,683	422,812,046	3,668,050		3,668,050		426,480,096		426,480,096
7	Metals Churnan	RFO	196	12,005,316	349,270,658	30,229,306	379,500,044	3,392,008		3,392,008		382,892,052		382,892,052
8	Star Power	RFO	204					264,853		264,853		264,853		264,853
9	Empire Energy	RFO	213	81,080,500	760,906,929	64,589,006	825,495,935	(3,440,419)		(3,440,419)		822,055,516		822,055,516
10	Supple Power	RFO	203	14,616,100	359,712,300	14,154,231	373,866,531	10,320,665		10,320,665		384,187,196		384,187,196
11	Hubco Nuclear	RFO	214	24,990,108	531,686,674	45,019,736	576,706,412	1,954,789		1,954,789		578,661,201		578,661,201
12	Hubco Nuclear	RFO	196	19,539,886	387,433,749	45,009,351	432,443,099					432,443,099		432,443,099
13	Hubco Nuclear	RFO	189											
14	Hubco Nuclear	RFO	381	194,075,280	1,969,377,221	101,337,087	2,070,714,308	(2,605,534)		(2,605,534)		1,814,178,774		1,814,178,774
15	Hubco Nuclear	RFO	26	14,154,300	84,673,853	14,246,303	98,920,156	0		0		98,920,156		98,920,156
16	Hubco Nuclear	RFO	28	13,659,680	81,163,807	13,659,680	94,823,487	(9)		(9)				
17	Chattam Nuclear	RFO	32	13,659,680	81,163,807	13,659,680	94,823,487	(9)		(9)				
18	Chattam Nuclear	RFO	62	25,044,000	84,400,068	8,450,385	92,894,385	51,870,341		51,870,341		144,764,726		144,764,726
19	Chattam Nuclear	RFO	15	7,422,070	44,400,068	7,422,070	51,822,138	24,520,818		24,520,818		76,342,956		76,342,956
20	Alamco Industries Limited	Bagasse	36	3,506,638	63,827,627	10,729,643	74,556,271	2,579,614		2,579,614		77,135,885		77,135,885
21	China Hub Power (Pvt) Ltd	Coal	1,200	112,077,400	2,979,132,288	128,832,671	3,107,965,259	(33,764,174)		(33,764,174)		3,074,201,085		3,074,201,085
22	Empire Powergen Thai TTS	Coal	600	112,077,400	2,979,132,288	128,832,671	3,107,965,259	(33,764,174)		(33,764,174)		3,074,201,085		3,074,201,085
23	Empire Powergen Thai TTS	Coal	41	112,077,400	2,979,132,288	128,832,671	3,107,965,259	(33,764,174)		(33,764,174)		3,074,201,085		3,074,201,085
24	Laysan Sugar Mills	RFO	1,800	400,934,500	9,680,991,509	344,723,483	9,992,020,992	22,678,099		22,678,099		9,992,020,992		9,992,020,992
25A	GOATL	RFO	1,200	520,533,900	11,912,093,768	159,801,908	12,071,897,676	(201,437,160)		(201,437,160)		11,870,460,516		11,870,460,516
26A	Huaili Balahe Shui	RFO	1,200	520,533,900	11,912,093,768	159,801,908	12,071,897,676	(201,437,160)		(201,437,160)		11,870,460,516		11,870,460,516
27A	Heating Shandong Rui Feng (Pvt) Ltd	Coal	1,300	101,053,200	3,117,076,902	26,708,361	3,143,785,263	(103,388,301)		(103,388,301)		3,040,396,962		3,040,396,962
30A	Bahai	RFO	1,300	505,735,500	11,759,702,685	173,214,409	11,932,917,094					11,932,917,094		11,932,917,094
31A	Port Qaitum	Coal	1,300	13,130,700	226,928,697	3,489,018	230,417,715					230,417,715		230,417,715
32	Lucky Electric Power Company Limited	Coal	660	228,280,000	3,290,266,124	60,813,182	3,351,081,916					3,351,081,916		3,351,081,916
33	Pujala Thermal Power Private Limited	RFO	1,300	3,097,800	998,235,715	2,659,769	1,000,995,484	(129,134,373)		(129,134,373)		871,861,111		871,861,111
34	The Energy Limited	Coal	1,300	505,079,100	2,510,719,655	418,467,206	2,929,186,861	(9)		(9)		2,929,186,861		2,929,186,861
35	Thai Coal Block-1 Power Generation Company	Coal	300	15,337	3,027,767,926	53,202,490,317	55,187,245,653	(114,681,777)		(114,681,777)		55,072,563,876		55,072,563,876
36	Thai Nova	Sub-total	23,970	6,237,741,728	59,682,957,869	2,785,096,726	67,668,053,964	(729,863,844)		(729,863,844)		67,938,190,120		67,938,190,120
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CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of February 2023

S. No.	Power Producers	Fuel	Capacity (MW)	Energy kWh	Fuel Charges Rs.	VOBM Charge Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel (Rs.)	Prev. Adjustment in (Rs.)	Prev. Adjustment in EPP Rs.	Supp Charges	Total Fuel Cost Rs.	Total VOBM Rs.	Total Energy Cost (Rs.)
35	Arctic Wind Power (Pvt) Ltd.	Wind	50	3,806,880	-	-	-	-	-	-	-	-	-	-
36	India Wind Energy Ltd.	Wind	50	3,803,380	-	-	-	-	-	-	-	-	-	-
37	Liberty Wind Energy Limited	Wind	50	4,130,160	-	-	-	-	-	-	-	-	-	-
38	Liberty Wind Power Ltd.	Wind	50	3,385,510	-	-	-	-	-	-	-	-	-	-
39	DM Energy Ltd.	Wind	50	3,507,340	-	-	-	-	-	-	-	-	-	-
40	God Ahmed Electric Limited	Wind	50	4,326,090	-	-	-	-	-	-	-	-	-	-
41	Zoneda Pakistan New Energy Company Limit	Solar	50	13,464,400	-	-	-	-	-	-	-	-	-	-
42	Liberty Wind Power (Pvt) Ltd.	Wind	100	3,415,480	-	-	-	-	-	-	-	-	-	-
43	NASDA Green Energy Limited	Wind	50	4,216,710	-	-	-	-	-	-	-	-	-	-
44	Nasda Wind Power Limited	Wind	50	5,520,670	-	-	-	-	-	-	-	-	-	-
45	Net Meeting Net Exported with	Solar	257	12,980,294	-	-	-	-	-	-	-	-	-	-
46	SPS	Mixed	257	1,873,270	-	-	-	-	-	-	-	-	-	-
Sub-Total			2,643	76,330,330	11,257,958	-	11,257,958	-	-	-	-	11,257,958	-	11,257,958
G-TOTAL:			41,410	7,755,639,255	62,139,748,426	2,461,940,347	64,607,686,773	729,863,844	545,557,348	184,306,485	-	61,409,882,582	3,007,487,696	64,417,380,278
Summary														
1	Hydel			2,052,457,599	-	160,730,841	180,730,841	-	32,585,843	52,585,843	-	13,556,019,933	213,316,684	213,316,684
2	Coal			1,091,140,400	13,716,338,866	745,776,157	14,462,115,024	(160,318,533)	489,738,428	329,419,485	-	1,215,514,586	14,791,534,519	14,791,534,519
3	F.O.			107,773,666	2,335,805,888	217,888,932	2,553,694,820	30,544,190	3,262,419	33,806,609	-	2,366,350,088	221,151,351	2,587,501,439
4	Gas			849,610,648	8,553,857,290	467,080,661	9,020,937,951	(193,250,307)	(28,418)	(193,278,725)	-	8,360,606,983	467,052,243	8,827,659,226
5	Renewable			1,462,357,073	34,160,861,341	704,447,483	34,865,308,824	(278,217,394)	(923)	(278,218,317)	-	33,882,743,947	704,446,560	34,587,190,507
6	Nuclear			1,883,091,000	2,010,148,703	-	2,010,148,703	(2)	-	(2)	-	2,010,148,701	-	2,010,148,701
7	Import from Iran			32,954,200	814,307,935	-	814,307,935	(128,621,388)	-	(128,621,388)	-	686,286,537	-	686,286,537
8	Wind Power			92,202,310	-	-	-	-	-	-	-	-	-	-
9	Solar			82,260,750	-	-	-	-	-	-	-	-	-	-
10	Mixed			100,117,339	538,467,435	166,016,272	702,483,707	-	-	0	-	538,467,435	166,016,272	702,483,707
11	Grand Total			1,873,270	11,257,958	-	11,257,958	-	-	-	-	11,257,958	-	11,257,958
Totals For the month				7,755,538,255	62,139,748,426	2,461,940,347	64,607,686,773	729,863,844	545,557,348	184,306,485	-	61,409,882,582	3,007,487,696	64,417,380,278
Prev. Adjustments :				(11,711,392)	(729,863,844)	545,557,348	(184,306,485)	-	-	-	-	-	-	-
GRAND TOTAL :				7,743,826,863	61,409,882,582	3,007,487,696	64,417,380,278	-	-	-	-	61,409,882,582	-	64,417,380,278

Energy Cost (Rs.)	61,409,882,582	3,007,487,696	64,417,380,278
Cost not chargeable to DISCOs (Rs.)	762,297,833	-	762,297,833
EPP (Chargeable) (Rs.)	60,647,584,749	3,007,487,696	63,655,082,445
Energy Sold (kWh)	7,516,193,650	7,516,193,650	7,516,193,650
Avg. Rate (Rs./kWh)	8.0689	0.4001	8.4691

Reference Rate (Rs./kWh)	7.2120
FCA Rate (Rs./kWh)	0.8569

For the Month of February 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						B				
1	Foundation Power Company Daharki Ltd.	Gas	171	15,077,668	6,4615	97,423,713	4,091,796	8,600,843	-	110,116,352
2	Orient Power Company (Private) Limited	R/LNG	213	16,839,273	22,4491	378,026,524	5,103,355	29,989,484	-	413,119,363
3	Safit Power Limited	R/LNG	204	-	-	-	-	-	-	-
4	Engro Powergen Qadirpur Limited	Gas	213	81,060,500	8,7284	707,528,466	10,612,927	42,765,536	-	760,906,929
5	Sapphire Electric Company Limited	R/LNG	203	14,616,100	22,3289	326,361,110	4,405,887	28,945,303	-	359,712,300
6	Halmore Power Generation Company Limited	R/LNG	199	-	-	-	-	-	-	-
7	Uch-II Power (Pvt.) Limited	Gas	381	194,075,280	9,6073	1,864,546,548	61,530,036	43,300,637	-	1,969,377,221
8	Quaid-e-Azam Thermal Power (Pvt) Limited	R/LNG	1,180	400,934,500	20,9160	8,385,951,738	166,041,844	1,056,103,927	-	9,608,097,509
9	National Power Parks Management Company Private	R/LNG	2,550	1,026,269,400	20,6711	21,214,072,959	420,038,645	2,037,684,850	-	23,671,796,454
IPPs Total:-				5,314	1,748,872,721	32,973,911,057	671,824,490	3,247,390,581	-	36,893,126,128

Detail Of Energy Imported From Small Power Producers					
DISCO	Captive	Contract Capacity (MW)	Description	Feb, 2023	Rate (Rs./KWh)
HESCO	Thatta Power (Pvt.) Ltd.,	18.80	Energy	56,590	5.04
			Cost (Rs.)	285,211	
	DISCO's Total:-	56.80	Energy	56,590	5.04
			Cost (Rs.)	285,211	
SEPCO	AL Noor Sugar Mills		Energy	1,816,680	6.04
			Cost (Rs.)	10,972,747	
	DISCO's Total:-	16.00	Energy	1,816,680	6.04
			Cost (Rs.)	10,972,747	
G-Total		61.80	Energy	1,873,270	6.01
			Cost (Rs.)	11,257,958	