



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/2023/CFO/1927-28

Dated: February 15, 2023

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

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

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


15/2/23
CHIEF FINANCIAL OFFICER

CC:

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

For information & n.a, please.

- ADG (Tariff)
- Copy to:
 - DG (M&E)
 - M/F
- CC: Chairman
 - M (Tariff)

TARIFF (DEPARTMENT)

Dir (T-I)..... Dir (T-II).....
 Dir (T-III)..... Dir (T-IV).....
 Dir (T-V)..... Addl. Dir (RE).....
 Date: 16-02-2023

Tariff Division Record

Dy No. 1068
Dated: 16-2-23

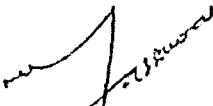
Received
Date: 16-2-2023
1822


CERTIFICATE

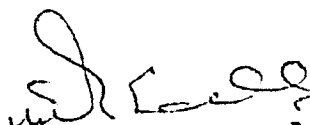
Subject: MONTHLY FUEL CHARGES ADJUSTMENT OF DISCOS FOR THE MONTH OF January-2023.

- 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 January-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 JANUARY 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 JANUARY 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

7

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

S.No.	Power Producers	Fuel	Capacity (MW)	Energy kWh	Fuel Charges Rs.	VOAM Charges Rs.	EPP Billing month (Rs.)	Pre-Adjustment in Fuel (Rs.)	Pre-Adjustment in VOAM (Rs.)	Pre-Adjustment in EPP Total (Rs.)	Supp. Charges	Total Fuel Cost	Total VOAM Rs.	Total Energy Cost (Rs.)
10	Saha Power	RFQ	126	11,994,400	418,753,484	4,908,814	423,661,998	(140,960)	(672)	(140,960)		418,753,484	4,908,814	423,661,998
11	Uthmaniyah	RFQ	549	399,436,000	4,858,397,977	254,639,813	4,840,037,950	(122,249)	(672)	(122,249)		4,858,397,977	254,639,813	4,839,958,830
12	Alam	RFQ	212	209,169,000	2,541,914,260	254,914,260	2,541,914,260					2,541,914,260		2,541,914,260
13	Liberty	RFQ	315	210,949,000	2,891,189,984	289,189,984	2,891,189,984					2,891,189,984		2,891,189,984
14	Chattanooga Nuclear	RFQ	340	216,716,000	3,051,136,128	305,136,128	3,051,136,128					3,051,136,128		3,051,136,128
15	Chattanooga Nuclear-1	RFQ	340	104,334,000	1,358,989,242	135,899,242	1,358,989,242					1,358,989,242		1,358,989,242
16	Chattanooga Nuclear-2	RFQ	340	535,210,000	4,861,114,344	486,114,344	4,861,114,344					4,861,114,344		4,861,114,344
17	Chattanooga Nuclear-3	RFQ	340	699,276,000	6,431,182,860	643,182,860	6,431,182,860					6,431,182,860		6,431,182,860
18	Chattanooga Nuclear-4	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
19	Chattanooga Nuclear-5	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
20	Chattanooga Nuclear-6	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
21	Chattanooga Nuclear-7	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
22	Chattanooga Nuclear-8	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
23	Chattanooga Nuclear-9	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
24	Chattanooga Nuclear-10	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
25	Chattanooga Nuclear-11	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
26	Chattanooga Nuclear-12	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
27	Chattanooga Nuclear-13	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
28	Chattanooga Nuclear-14	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
29	Chattanooga Nuclear-15	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
30	Chattanooga Nuclear-16	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
31	Chattanooga Nuclear-17	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
32	Chattanooga Nuclear-18	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
33	Chattanooga Nuclear-19	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
34	Chattanooga Nuclear-20	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
35	Chattanooga Nuclear-21	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
36	Chattanooga Nuclear-22	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
37	Chattanooga Nuclear-23	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
38	Chattanooga Nuclear-24	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
39	Chattanooga Nuclear-25	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
40	Chattanooga Nuclear-26	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
41	Chattanooga Nuclear-27	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
42	Chattanooga Nuclear-28	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
43	Chattanooga Nuclear-29	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
44	Chattanooga Nuclear-30	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
45	Chattanooga Nuclear-31	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
46	Chattanooga Nuclear-32	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
47	Chattanooga Nuclear-33	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
48	Chattanooga Nuclear-34	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
49	Chattanooga Nuclear-35	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
50	Chattanooga Nuclear-36	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
51	Chattanooga Nuclear-37	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
52	Chattanooga Nuclear-38	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
53	Chattanooga Nuclear-39	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
54	Chattanooga Nuclear-40	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
55	Chattanooga Nuclear-41	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
56	Chattanooga Nuclear-42	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
57	Chattanooga Nuclear-43	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
58	Chattanooga Nuclear-44	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
59	Chattanooga Nuclear-45	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
60	Chattanooga Nuclear-46	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
61	Chattanooga Nuclear-47	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
62	Chattanooga Nuclear-48	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
63	Chattanooga Nuclear-49	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
64	Chattanooga Nuclear-50	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
65	Chattanooga Nuclear-51	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
66	Chattanooga Nuclear-52	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
67	Chattanooga Nuclear-53	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
68	Chattanooga Nuclear-54	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
69	Chattanooga Nuclear-55	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
70	Chattanooga Nuclear-56	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
71	Chattanooga Nuclear-57	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
72	Chattanooga Nuclear-58	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
73	Chattanooga Nuclear-59	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
74	Chattanooga Nuclear-60	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
75	Chattanooga Nuclear-61	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,737,235					3,922,737,235		3,922,737,235
76	Chattanooga Nuclear-62	RFQ	340	371,130,000	3,922,737,235	392,737,235	3,922,							

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of January 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.)	
35	Artistic Wind Power (Pvt) Ltd.	Wind	50	11,047,830	-	-	-	-	-	-	-	-	-	-	
36	Indus Wind Energy Ltd.	Wind	50	11,659,640	-	-	-	-	-	-	-	-	-	-	
37	Lakeside Wind Energy Limited	Wind	50	11,313,580	-	-	-	-	-	-	-	-	-	-	
38	Liberty Wind Power-I Ltd.	Wind	50	10,781,690	-	-	-	-	-	-	-	-	-	-	
39	DIN Energy Ltd.	Wind	50	12,506,360	-	-	-	-	-	-	-	-	-	-	
40	Gul Ahmed Electric Limited	Wind	50	10,758,140	-	-	-	-	-	-	-	-	-	-	
41	Zhenfa Pakistan New Energy Company Limit	Solar	50	12,246,300	-	-	-	-	-	-	-	-	-	-	
42	Liberty Wind Power-II (Pvt.) Ltd.	Wind	100	10,076,180	-	-	-	-	-	-	-	-	-	-	
43	NASDA Green Energy Limited	Wind	50	11,886,110	-	-	-	-	-	-	-	-	-	-	
44	Metro Wind Power Limited	Wind	50	16,120,090	-	-	-	-	-	-	-	-	-	-	
45	Net Metering Net Exported units	Solar	-	7,316,402	-	-	-	-	-	-	-	-	-	-	
46	SPPs	Mixed	257	2,161,960	12,997,838	-	12,997,838	-	-	-	-	12,997,838	-	12,997,838	
Sub-Total			2,643	367,524,798	12,997,838	-	12,997,838	-	-	-	-	12,997,838	-	12,997,838	
G-Total:			41,410	8,514,852,486	95,388,145,904	3,392,839,842	98,780,986,745	1,668,301,096	817,330,122	2,485,631,218	-	97,056,447,000	4,210,169,964	101,266,616,963	
Summary															
1	Hydel			800,331,959	-	95,618,761	95,618,761	-	97,247,181	97,247,181	-	-	192,765,962	192,765,962	
2	Coal			2,443,773,600	39,227,866,428	1,252,849,628	40,480,716,054	150,849,768	714,772,519	865,622,287	-	39,378,716,194	1,967,622,147	41,346,337,341	
3	HSD			-	-	-	-	271,742,323	-	271,742,323	-	-	-	271,742,323	
4	F.O.			463,315,492	13,420,001,061	698,616,197	14,118,617,258	5,973,817	5,361,469	11,326,286	-	13,425,974,878	703,967,665	14,129,942,643	
5	Gas			1,146,893,300	10,987,069,851	636,734,471	11,623,804,322	(5,680,098)	(21,769)	(5,701,858)	-	10,981,389,763	636,712,712	11,618,102,466	
6	RLNG			1,286,786,054	28,166,117,744	603,935,895	28,770,053,639	1,248,467,530	-	1,248,467,530	-	29,414,686,274	603,935,896	30,018,621,169	
6	Nuclear			1,875,663,000	2,014,496,818	-	2,014,496,818	-	-	-	-	2,014,496,818	-	2,014,496,818	
7	Import from Iran			37,130,000	952,737,236	-	952,737,236	(2,938,403)	-	(2,938,403)	-	949,798,832	-	949,798,832	
8	Wind Power			287,212,621	-	-	-	-	-	-	-	-	-	-	
9	Solar			72,160,217	-	-	-	-	-	-	-	-	-	-	
10	Bagsasse			101,444,273	606,858,930	105,184,870	712,044,800	(113,841)	(19,287)	(133,128)	-	606,746,089	105,165,583	711,911,672	
11	Mixed			2,161,960	12,997,838	-	12,997,838	-	-	-	-	12,997,838	-	12,997,838	
Totals For the month				8,514,852,486	95,388,145,904	3,392,839,842	98,780,986,745	1,668,301,096	817,330,122	2,485,631,218	-	97,056,447,000	4,210,169,964	101,266,616,963	
Prev. Adjustments :				(12,139,070)	1,668,301,096	817,330,122	2,486,631,218	-	-	-	-	-	-	-	-
GRAND TOTALS :				8,502,713,416	97,056,447,000	4,210,169,964	101,266,616,963	-	-	-	-	-	-	-	-

Energy Cost (Rs.)	97,056,447,000	4,210,169,964	101,266,616,963
Cost not chargeable to DISCOs (Rs.)	1,060,233,520	-	1,060,233,520
EPP (Chargeable) (Rs.)	55,996,213,480	4,210,169,964	100,206,383,443
Energy Sold (KWh)	8,185,977,799	8,185,977,799	8,185,977,799
Avg. Rate (Rs./KWh)	11.7269	0.5143	12.2412

Reference Rate (Rs./KWh)	10.5541
FCA Rate (Rs./KWh)	1.1728

CENTRAL POWER PURCHASING AGENCY (CPPA)
Detail Breakup of FCC Claimed
For the Month of January 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	113,810,502	6.6297	754,529,485	31,690,238	21,736,445	-	807,956,168
2	Orient Power Company (Private) Limited	RLNG	213	35,318,791	22.1587	782,618,494	10,565,350	37,124,880	-	830,308,724
3	Saif Power Limited	RLNG	204	21,732,919	22.3933	486,672,597	6,570,080	29,584,566	-	522,827,243
4	Engro Powergen Qadirpur Limited	Gas	213	97,353,612	7.1072	691,909,485	10,378,642	31,183,193	-	733,471,320
5	Sapphire Electric Company Limited	RLNG	203	9,908,410	22.3290	221,244,887	2,986,806	9,078,666	-	233,310,358
6	Halmore Power Generation Company Limited	RLNG	199	7,424,371	22.3303	165,788,432	5,106,284	7,970,842	-	178,865,557
7	Uch-II Power (Pvt.) Limited	Gas	381	248,155,848	9.6045	2,383,411,696	78,652,585	23,356,646	-	2,485,420,927
8	Quaid-e-Azam Thermal Power (Pvt) Limited	RLNG	1,180	258,862,400	20.1363	5,212,527,371	103,208,042	461,871,734	-	5,777,607,148
9	National Power Parks Management Company Private	RLNG	2,550	917,563,900	19.4975	17,890,210,091	354,226,160	1,346,781,103	-	19,591,217,354
IPPs Total:-			5,314	1,710,130,753		28,588,912,538	603,384,186	1,968,688,075	-	31,160,984,799

Detail Of Energy Imported From Small Power Producers					
DISCO	Captive	Contract Capacity (MW)	Description	Jan, 2023	Rate (Rs./KWh)
SEPCO	AL Noor Sugar Mills		Energy	2,151,960	6.04
			Cost (Rs.)	12,997,838	
	DISCO's Total:-	16.00	Energy	2,151,960	6.04
			Cost (Rs.)	12,997,838	
G-Total		61.80	Energy	2,151,960	6.04
			Cost (Rs.)	12,997,838	