



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

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No. CPPA-G/2023/CFO/ 556-57

Dated: January 13, 2023

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

For information & n.a. please.

- ADG (Tariff)
- Copy to:
- CFO (MAE)
- M.F

CC: Chief
- M (Tariff)

TARIFF (DEPARTMENT)

Dir (T-II).....
Dir (T-III).....
Dir (T-V).....
Addl. Dir (RE).....

17-01-23

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

With reference to the FCA mechanism provided in XWDISCOs' tariff determination, please find attached the Energy Data for the month of December 2022. The soft copy of the FCA Claim along with the EPP invoices is also being sent to NEPRA for its consideration.

[Signature]
17/01/23
CHIEF FINANCIAL OFFICER

CC:

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

Tariff Division Record

No. 378
Date: 17-01-23

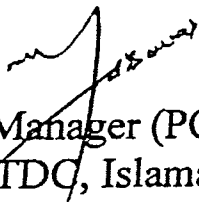
REGISTRAR OFFICE


Diary No: 562
Date: 16.1.2023

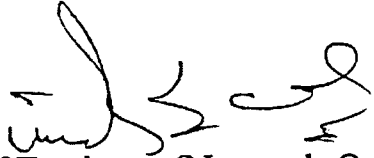
CERTIFICATE

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

- 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 DECEMBER-2022.
- II. Claimed Partial Loading Adjustment charges (PLAC) was not due to fuel constraint 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.


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 2002 POWER POLICY

FOR THE MONTH OF DECEMBER 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 INCLUSIVE)

FOR THE MONTH OF DECEMBER 2022

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)

CENTRAL POWER PURCHASING AGENCY (CPA)
Energy Procurement Report (Provisional)
For the Month of December 2022

Sub-Town	Power Producers	Fuel	Dept. Capacity (MW)	Energy MWh	Fuel Charges \$	VOAM \$	EPP Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in Value (Rs.)	Prev. Adjustment in Total (Rs.)	Supp. Charges	Total Fuel Cost	Total VOAM	Total Energy Cost (Rs.)
18	Chattampi Nuclear III	Nucel	340	224,892,000	318,864,976		318,864,976					318,864,976		318,864,976
19	Chattampi Nuclear IV	Nucel	340	235,098,000	308,610,519		308,610,519					308,610,519		308,610,519
20	Chattampi Nuclear V	Nucel	1,440	688,408,000	623,971,200		623,971,200					623,971,200		623,971,200
21	Chattampi Nuclear VI	Nucel	1,445	698,792,000	631,672,289		631,672,289					631,672,289		631,672,289
22	Taxanal I and II	Import	66	39,852,600	89,942,719		89,942,719					89,942,719		89,942,719
1	Alto-De-Iguaçu	RFO	196	24,581,410	118,664,976		318,864,976					318,864,976		318,864,976
2	Alto-De-Iguaçu	RFO	196	4,215,880	308,610,519		308,610,519					308,610,519		308,610,519
3	Alto-De-Iguaçu	RFO	196	4,215,880	623,971,200		623,971,200					623,971,200		623,971,200
4	Alto-De-Iguaçu	RFO	196	4,215,880	631,672,289		631,672,289					631,672,289		631,672,289
5	Chattampi	RILNG	213	1,938,843	2,020,186,189	207,259,928	11,132,975,853	(43,322,580)	(1,355,504)	(42,232,580)		2,020,186,189	207,259,928	2,227,446,117
6	Chattampi	RILNG	186	1,938,843	118,664,976		318,864,976					318,864,976		318,864,976
7	Chattampi	RILNG	204	642,231	308,610,519		308,610,519					308,610,519		308,610,519
8	Ergo Energy	HSD	213	78,620,977	630,152,612		630,152,612					630,152,612		630,152,612
9	Sepulchro	RILNG	200	4,217,174	133,677,716		140,032,528	(5,554,797)	4,032,947	(21,232,580)		138,117,920	16,900,659	155,018,579
10	Liberty Power	RFO	214	1,393,628	42,882,844		45,497,475	(2,614,631)	4,032,947	(1,400,800)		45,497,475	7,281,406	52,778,881
11	Hydroone	RILNG	199	238,589,800	2,622,407,680	120,010,929	2,648,418,589	(163,419)	12,519	(163,256)		2,648,418,589	12,519	2,648,431,108
12	Uchil	Gas	361	15,977,600	91,891,879	18,588,197	108,479,876	(18,588,197)	13,888,232	(4,700,965)		108,479,876	13,888,232	122,368,108
13	ADM II	Gas	26	13,448,000	80,844,282	106,876,488	84,302,087	13,581,616	4,891,907	4,891,907		84,302,087	18,832,742	103,134,829
14	ADM I	Gas	26	13,448,000	170,521,182	32,063,701	202,584,883	(19,800,000)	7,823,900	(11,976,100)		202,584,883	7,823,900	210,408,783
15	FTV	Gas	63	9,398,770	56,672,959	65,107,370	65,107,370	(64)	72,824	(64)		65,107,370	72,824	65,180,194
16	Chattampi	Gas	36	165,952	72,708	86,028	86,028	(84)	12,318	(84)		86,028	12,318	98,346
17	Chattampi	Gas	27	12,077,428	12,240,473	64,980,063	64,980,063	(77,682)	(163,570,077)	(163,402,495)		64,980,063	12,318	77,292,381
18	Chattampi	Gas	22	2,475,400	37,032,636	49,144,783	37,032,636	(880,318)	1,319,800,977	(1,318,880,958)		37,032,636	1,319,800,977	1,356,833,613
19	Chattampi	Gas	680	389,495,800	42,924,916	48,144,783	48,144,783	(218,346,768)	2,897,269,245	(218,060,223)		48,144,783	2,897,269,245	2,945,414,028
20	Chattampi	Gas	41	1,025,000	2,467,720,871	105,518,574	2,573,239,445	(78,508,223)		(78,508,223)		2,573,239,445		2,573,239,445
21	Chattampi	Gas	1,980	12,179,200	14,785,319,938	226,088,671	15,014,428,607	(78,508,223)		(78,508,223)		15,014,428,607		15,014,428,607
22	Chattampi	Gas	1,230	740,192,800	14,785,319,938	226,088,671	15,014,428,607	(78,508,223)		(78,508,223)		15,014,428,607		15,014,428,607
23	Chattampi	Gas	1,330	81,121,400	2,669,916,075	2,669,916,075	2,669,916,075		3,998,461	2,669,916,075		2,669,916,075	3,998,461	2,673,914,536
24	Chattampi	Gas	1,330	28,130,400	6,283,471,475	90,228,791	6,373,694,266	(244,962,641)		(244,962,641)		6,373,694,266		6,373,694,266
25	Chattampi	Gas	1,330	28,130,400	6,283,471,475	90,228,791	6,373,694,266	(244,962,641)		(244,962,641)		6,373,694,266		6,373,694,266
26	Chattampi	Gas	1,330	28,130,400	6,283,471,475	90,228,791	6,373,694,266	(244,962,641)		(244,962,641)		6,373,694,266		6,373,694,266
27	Chattampi	Gas	1,330	28,130,400	6,283,471,475	90,228,791	6,373,694,266	(244,962,641)		(244,962,641)		6,373,694,266		6,373,694,266
28	Chattampi	Gas	1,330	28,130,400	6,283,471,475	90,228,791	6,373,694,266	(244,962,641)		(244,962,641)		6,373,694,266		6,373,694,266
29	Chattampi	Gas	1,330	28,130,400	6,283,471,475	90,228,791	6,373,694,266	(244,962,641)		(244,962,641)		6,373,694,266		6,373,694,266
30	Chattampi	Gas	1,330	28,130,400	6,283,471,475	90,228,791	6,373,694,266	(244,962,641)		(244,962,641)		6,373,694,266		6,373,694,266
31	Chattampi	Gas	1,330	28,130,400	6,283,471,475	90,228,791	6,373,694,266	(244,962,641)		(244,962,641)		6,373,694,266		6,373,694,266
32	Chattampi	Gas	1,330	28,130,400	6,283,471,475	90,228,791	6,373,694,266	(244,962,641)		(244,962,641)		6,373,694,266		6,373,694,266
33	Chattampi	Gas	1,330	28,130,400	6,283,471,475	90,228,791	6,373,694,266	(244,962,641)		(244,962,641)		6,373,694,266		6,373,694,266
34	Chattampi	Gas	1,330	28,130,400	6,283,471,475	90,228,791	6,373,694,266	(244,962,641)		(244,962,641)		6,373,694,266		6,373,694,266
35	Chattampi	Gas	1,330	28,130,400	6,283,471,475	90,228,791	6,373,694,266	(244,962,641)		(244,962,641)		6,373,694,266		6,373,694,266
36	Chattampi	Gas	1,330	28,130,400	6,283,471,475	90,228,791	6,373,694,266	(244,962,641)		(244,962,641)		6,373,694,266		6,373,694,266
37	Chattampi	Gas	1,330	28,130,400	6,283,471,475	90,228,791	6,373,694,266	(244,962,641)		(244,962,641)		6,373,694,266		6,373,694,266
38	Chattampi	Gas	1,330	28,130,400	6,283,471,475	90,228,791	6,373,694,266	(244,962,641)		(244,962,641)		6,373,694,266		6,373,694,266
39	Chattampi	Gas	1,330	28,130,400	6,283,471,475	90,228,791	6,373,694,266	(244,962,641)		(244,962,641)		6,373,694,266		6,373,694,266
40	Chattampi	Gas	1,330	28,130,400	6,283,471,475	90,228,791	6,373,694,266	(244,962,641)		(244,962,641)		6,373,694,266		6,373,694,266
41	Chattampi	Gas	1,330	28,130,400	6,283,471,475	90,228,791	6,373,694,266	(244,962,641)		(244,962,641)		6,373,694,266		6,373,694,266
42	Chattampi	Gas	1,330	28,130,400	6,283,471,475	90,228,791	6,373,694,266	(244,962,641)		(244,962,641)		6,373,694,266		6,373,694,266
43	Chattampi	Gas	1,330	28,130,400	6,283,471,475	90,228,791	6,373,694,266	(244,962,641)		(244,962,641)		6,373,694,266		6,373,694,266
44	Chattampi	Gas	1,330	28,130,400	6,283,471,475	90,228,791	6,373,694,266	(244,962,641)		(244,962,641)		6,373,694,266		6,373,694,266
45	Chattampi	Gas	1,330	28,130,400	6,283,471,475	90,228,791	6,373,694,266	(244,962,641)		(244,962,641)		6,373,694,266		6,373,694,266

Notes:
 1. MWh (Mega Watt Hours)
 2. \$ (Dollar)
 3. (Rs.) (Rupee)
 4. Total Fuel Cost
 5. Total VOAM
 6. Total Energy Cost (Rs.)
 7. Total Fuel Cost
 8. Total VOAM
 9. Total Energy Cost (Rs.)

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of December 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.)
Summary														
1	Hydel			1,720,428,685	-	182,163,428	182,163,428	-	(721,739,892)	(721,739,892)	-	-	(539,576,464)	(539,576,464)
2	Coal			1,520,827,100	17,483,598,855	692,034,127	18,175,832,783	598,166,313	1,403,952,571	2,002,120,883	-	18,081,768,968	2,095,986,898	20,177,753,866
3	HSD			-	-	-	-	-	-	-	-	-	-	-
4	F.O.			38,912,854	1,003,837,460	81,584,752	1,086,422,212	(28,842,339)	32,041,377	3,199,038	-	974,895,121	113,628,129	1,088,523,250
5	Gas			1,273,798,139	13,373,886,792	779,962,231	14,153,849,023	(415,298,417)	(3,163)	(415,301,580)	-	12,968,688,375	779,959,068	13,738,547,443
6	RLNG			1,153,730,281	23,313,540,784	444,491,886	23,758,032,670	(721,888,152)	(124,695)	(722,012,847)	-	22,591,652,833	444,367,191	23,036,019,823
7	Nuclear			2,284,882,000	2,450,799,281	-	2,450,799,281	-	-	-	-	2,450,799,281	-	2,450,799,281
8	Import from Iran			39,852,600	859,042,719	-	859,042,719	(43,232,580)	-	(43,232,580)	-	815,810,139	-	815,810,139
9	Wind Power			211,571,790	-	-	-	-	-	-	-	-	-	-
10	Solar			89,459,889	192,912,325	192,912,325	192,912,325	-	-	-	-	192,912,325	-	192,912,325
11	Bagasse			101,086,870	603,802,421	105,498,378	709,300,797	(83)	39,104,548	39,104,465	-	803,802,337	144,602,924	748,405,261
	Mixed			2,178,517	7,141,454	-	7,141,454	-	-	-	-	7,141,454	-	7,141,454
Totals For The month				8,416,806,805	59,258,581,893	2,285,734,800	61,574,298,693	(611,093,258)	753,230,746	142,137,488	-	58,677,468,635	3,038,965,546	61,716,434,181
Prev. Adjustments :				(611,093,258)	(611,093,258)	753,230,746	142,137,488	-	-	-	-	-	-	-
GRAND TOTALS :				8,416,806,805	58,677,468,635	3,038,965,546	61,716,434,181	-	-	-	-	-	-	-

Energy Cost (Rs.)	58,677,468,635	3,038,965,546	61,716,434,181
Cost not chargeable to DISCOs (Rs.)	1,029,096,379	-	1,029,096,379
EPP (Chargeable) (Rs.)	57,648,372,256	3,038,965,546	60,687,337,802
Energy Sold (KWh)	8,096,878,323	8,096,878,323	8,096,878,323
Avg. Rate (Rs./KWh)	7.1198	0.3753	7.4952

Reference Rate (Rs./KWh)	9.3193
FCA Rate (Rs./KWh)	(2.1995)

CENTRAL POWER PURCHASING AGENCY (CPPA)
Detail Breakup of FCC Claimed
For the Month of December 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	Attock Gen Limited	RFO	166	24,581,410	20.3148	499,365,390	-	15,243,217	-	514,608,607	
2	Foundation Power Company Daharki Ltd.	Gas	171	109,424,537	6.5193	713,367,063	29,961,417	35,864,776	-	779,193,256	
3	Orient Power Company (Private) Limited	RLNG	213	21,301,421	22.3286	475,629,962	11,464,876	48,143,414	-	535,238,252	
4	Saif Power Limited	RLNG	204	842,731	22.3310	18,819,026	254,057	1,293,357	-	20,366,439	
5	Engro Powergen Qadirpur Limited	Gas	213	78,540,977	7.0992	557,577,743	8,363,666	64,211,203	-	630,152,612	
6	Uch-II Power (Pvt.) Limited	Gas	381	239,568,900	9.6658	2,315,634,170	30,357,562	76,415,928	-	2,422,407,660	
7	Quaid-e-Azam Thermal Power (Pvt) Limited	RLNG	1,180	121,719,200	18.4170	2,241,702,506	44,385,710	181,652,655	-	2,467,740,871	
8	National Power Parks Management Company Private	HSD	2,660	1,001,501,200	18.2782	18,305,680,845	362,452,481	1,380,678,085	-	20,048,811,411	
IPPs Total:-			5,068	1,597,480,376		25,127,776,705	487,239,769	1,803,502,634	-	27,418,519,108	

Detail Of Energy Imported From Small Power Producers					
DISCO	Captive	Contract Capacity (MW)	Description	Dec, 2022	Rate (Rs./KWh)
MEPCO	Kumhar Wala Power House-I	5.00	Energy	996,157	
			Cost (Rs.)	-	
	DISCO's Total:-	5.00	Energy	996,157	
			Cost (Rs.)	-	
SEPCO	AL Noor Sugar Mills		Energy	1,182,360	6.04
			Cost (Rs.)	7,141,454	
	DISCO's Total:-	16.00	Energy	1,182,360	6.04
			Cost (Rs.)	7,141,454	
G-Total		61.80	Energy	2,178,517	3.28
			Cost (Rs.)	7,141,454	