



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/2021/CFO/2936-37

Dated: February 16, 2021

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

SUBJECT: XWDISCO'S - ENERGY PURCHASE DATA FOR THE MONTH OF JANUARY
2021

With reference to FCA mechanism provided in XWDISCO's tariff determination, attached please find the Energy Data for the month of January 2021. It is mentioned that soft copy of the FCA Claim along with the EPP invoices is being sent to NEPRA for its consideration.



Chief Financial Officer

CC:

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

CERTIFICATE

FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

REGARDING 2002 POWER POLICY FOR THE MONTH OF JANUARY 2021

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 evidences. 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)
(Renewable)


DGMF-I (CPPA-G)

CERTIFICATE
FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF
REGARDING 1994 POWER POLICY (HUBCO & KAPCO INCLUSIVE)
FOR THE MONTH OF JANUARY 2021

This is to certify that: -

- i) All purchases have been made from IPP's 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 Agreement.
- iii) All payments to IPP's are being made after observing all formalities provided in the respective Power Purchase Agreement.
- 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 evidences. 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.

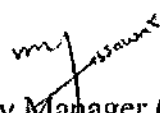

DGM (Technical)
(Conventional)

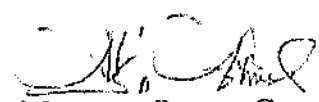

DGMF-II (CPPA-G)

CERTIFICATE

Subject: MONTHLY FUEL CHARGES ADJUSTMENT OF DISCOS
FOR THE MONTH OF JANUARY-2021.

- 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-2021.
- 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.

National Power Control Center NTDC H-8/1 Islamabad Phone No. 051-8311557 Fax No. 051-9250851

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of January 2021

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.)
I														
Hydel														
i	WAPDA	Hydel	6,902	513,397,965		62,475,684	-	-	-	-	-	-	62,475,684	62,475,684
ii	Jagran	Hydel	30	1,995,173		5,167,498	-	-	-	-	-	-	5,167,498	5,167,498
iii	Pehure	Hydel	18			-	-	-	-	-	-	-	-	-
iv	Malkandali SHYDO	Hydel	81	10,397,232		3,292,803	-	-	-	-	-	-	-	-
v	Larab	Hydel	64	5,058,780		-	-	-	-	-	-	-	-	-
vi	Star Hydel	Hydel	147	15,675,600		-	-	-	-	-	-	-	-	-
vii	Head Maralla	Hydel	8			2,743,230	-	-	15,661,711	15,661,711	-	-	2,743,230	2,743,230
viii	Neelum Jhelum	Hydel	969	100,024,400		-	-	-	-	-	-	-	-	-
ix	Turbula Ext. 4	Hydel	1,476	399,785,000		11,993,550	-	-	-	-	-	-	11,993,550	11,993,550
x	Mira Power Limited	Hydel	101	17,329,610		3,363,677	-	-	-	-	-	-	3,363,677	3,363,677
xi	Dawal Khwar	Hydel		949,030		-	-	-	-	-	-	-	-	-
xii	Ranolia	Hydel				-	-	-	-	-	-	-	-	-
Hydel Total: 1,067,037,330														
Ex-WAPDA GENCOs														
GENCO-I ***														
Jamshoro Block 1														
	Unit 1	RFO	205	-	-	-	-	-	-	-	-	-	-	-
Jamshoro Block 2														
	Unit-2	RFO	470	-	-	-	-	-	-	-	-	-	-	-
Unit-3														
	Gas	Gas		-	-	-	-	-	-	-	-	-	-	-
	RLNG	Gas		-	-	-	-	-	-	-	-	-	-	-
Unit-4														
	Gas	Gas		-	-	-	-	-	-	-	-	-	-	-
	RLNG	Gas		-	-	-	-	-	-	-	-	-	-	-
Unit-5														
	Gas	Gas		-	-	-	-	-	-	-	-	-	-	-
	RLNG	Gas		-	-	-	-	-	-	-	-	-	-	-
Unit-6														
	Gas	Gas		-	-	-	-	-	-	-	-	-	-	-
	RLNG	Gas		-	-	-	-	-	-	-	-	-	-	-
Kohi 37														
	Jamshoro Block 4	Gas	107	-	-	-	-	-	-	-	-	-	-	-
Jamshoro Total														
	Gas	Gas	782	-	-	-	-	-	-	-	-	-	-	-
GENCO-II ***														
Guidu CC Block 1 (CC)														
	Gas	Gas	390	248,095,800	2,009,412,671	17,093,801	2,026,506,472	-	-	-	-	2,009,412,671	17,093,801	2,026,506,472
Central Block 2 (CC)														
	Gas	Gas		7,836,642	57,307,012	539,945	57,846,957	-	-	-	-	57,307,012	539,945	57,846,957
Guidu (CC) Block-2														
	Gas	Gas	530	101,321,015	823,233,247	6,981,018	830,214,265	-	-	-	-	823,233,247	6,981,018	830,214,265
Block 3 (Unit 344)														
	Gas	Gas		138,938,143	1,128,872,412	9,572,838	1,138,445,250	-	-	-	-	1,128,872,412	9,572,838	1,138,445,250
Guidu 747 (CC)														
	Gas	Gas	721	278,204,000	1,653,960,600	146,199,271	1,802,149,871	-	-	-	-	1,653,960,600	148,199,271	1,802,149,871
Central Total														
	Gas	Gas	1,641	526,299,800	3,662,363,271	165,293,072	3,828,656,343	-	-	-	-	3,662,363,271	165,293,072	3,828,656,343
GENCO-III ***														
Northern Block 1														
	Unit 1	RFO		-	-	-	-	-	-	-	-	-	-	-
	Unit 2	RFO	556	-	-	-	-	-	-	-	-	-	-	-
	Unit 3	RFO		-	-	-	-	-	-	-	-	-	-	-
	Unit 4	RFO		-	-	-	-	-	-	-	-	-	-	-
	Unit 1	Gas		-	-	-	-	-	-	-	-	-	-	-
	Unit 2	Gas		-	-	-	-	-	-	-	-	-	-	-
	Unit 3	Gas		-	-	-	-	-	-	-	-	-	-	-
	Unit 4	Gas		-	-	-	-	-	-	-	-	-	-	-
	Unit 1	RLNG		-	-	-	-	-	-	-	-	-	-	-
	Unit 2	RLNG		-	-	-	-	-	-	-	-	-	-	-
	Unit 3	RLNG		-	-	-	-	-	-	-	-	-	-	-
	Unit 4	RLNG		-	-	-	-	-	-	-	-	-	-	-
Northern Block 2														
	Block-2 Unit 4	RFO	272	-	-	-	-	-	-	-	-	-	-	-
	Block-2 Unit 4	Gas		-	-	-	-	-	-	-	-	-	-	-
	Block-2 Unit 4	RLNG		-	-	-	-	-	-	-	-	-	-	-
Northern Block 3														
	Block-3 Unit 5	RFO		-	-	-	-	-	-	-	-	-	-	-
	Block-3 Unit 5	Gas	355	-	-	-	-	-	-	-	-	-	-	-
	Block-3 Unit 5	RLNG		-	-	-	-	-	-	-	-	-	-	-
	Block-3 Unit 6	RFO		-	-	-	-	-	-	-	-	-	-	-
	Block-3 Unit 6	Gas		-	-	-	-	-	-	-	-	-	-	-
	Block-3 Unit 6	RLNG		-	-	-	-	-	-	-	-	-	-	-
Northern Block 4														
	Northern Block 5	RFO	117	-	-	-	-	-	-	-	-	-	-	-
	Northern Block 5	Gas	97	-	-	-	-	-	-	-	-	-	-	-
	Northern Block 6	Gas	75	-	-	-	-	-	-	-	-	-	-	-
	Nandigar	RLNG	411	2,333,000	23,766,840	1,576,884	25,343,724	-	-	-	-	23,766,840	1,576,884	263,819,962
	Northern Total:	RLNG	1,884	2,333,000	23,766,840	1,576,884	25,343,724	-	-	-	-	23,766,840	1,576,884	263,819,962
GENCO-IV														
	LAKHRA	Coal	31	-	-	-	-	-	-	-	-	-	-	-
Sub-Total:														
	GENCOs Total:-		4,337	528,632,800	3,687,130,111	166,869,956	3,854,000,067	-	-	-	-	3,687,130,111	166,869,956	4,021,476,305
IPP's														
1	Kot Adda Block 1	RFO	325	178,151,297	2,078,000,038	138,232,873	2,216,232,911	-	-	-	-	2,078,000,038	138,232,873	2,216,232,911
		RLNG		80,700	846,940	36,118	883,058	-	-	-	-	846,940	36,118	883,058
		HSD		-	-	-	-	-	-	-	-	-	-	-
	Kot Adda Block 2	RFO	762	152,273,127	1,943,145,855	166,217,234	2,109,393,089	-	-	-	-	1,943,145,855	166,217,234	2,109,393,089
		RLNG		166,676	1,918,635	87,257	2,006,892	-	-	-	-	1,918,635	87,257	2,006,892
		HSD		-	-	-	-	-	-	-	-	-	-	-
	Kot Adda Block 3	RLNG	249	-	-	-	-	-	-	-	-	-	-	-
		HSD		-	-	-	-	-	-	-	-	-	-	-
KAPCO Total														
2	Hub Power	RFO	1,336	330,671,800	4,023,911,463	304,573,482	4,328,484,950	-	-	-	-	4,023,911,463	304,573,482	5,005,130,676
3	Kohinoor Energy	RFO	1,200	581,116,000	621,463,644	51,519,120	672,982,764	-	-	-	-	621,463,644	51,519,120	815,604,372

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of January 2021

S.No.	Power Producers	Fuel	Dep. Capacity (MW)	Energy KWh	Fuel Charges Rs.	VOAM Charges Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in VOAM (Rs.)	Prev. Adjustment in EPP Total Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VO&M Rs.	Total Energy Cost (Rs.)
4	AES Lajpur	RFO	350	111,060,000	1,451,204,806	32,028,594	1,483,233,400	-	-	-	-	1,451,204,806	32,028,594	1,483,233,400
5	Peak Gen Power Limited	RFO	349	96,071,900	1,229,587,645	27,706,175	1,257,293,820	-	-	-	-	1,229,587,645	27,706,175	1,257,293,820
6	Southern Power	RFO	110	-	-	-	-	-	-	-	-	-	-	-
7	Hailuobai	Gas	129	-	-	-	-	-	-	-	-	-	-	-
8	Fajal Kahrula	Gas	151	-	-	-	-	-	-	-	-	-	-	-
9	Roush	RLNG	395	704,841	5,734,083	32,564	5,766,657	4,863,964	-	4,863,964	-	10,598,057	32,564	10,630,621
10	Saba Power	RFO	126	16,901,027	246,981,468	4,869,186	251,850,654	-	-	-	-	246,981,468	4,869,186	251,850,654
11	Japan Power	RFO	107	-	-	-	-	-	-	-	-	-	-	-
12	Uch	Gas	551	397,917,000	2,859,711,912	159,922,842	3,019,634,754	-	-	-	-	2,859,711,912	159,922,842	3,019,634,754
13	Altern	Gas	27	-	-	-	-	-	-	-	-	-	-	-
14	Liberty	Gas	212	-	588,700,299	-	588,700,299	-	-	-	-	588,700,299	-	588,700,299
15	Davis Esergen	RLNG	10	-	-	-	-	-	-	-	-	-	-	-
16	Chashma Nuclear	Nucl.	300	202,940,000	197,318,562	-	197,318,562	-	-	-	-	197,318,562	-	197,318,562
17	Chashma Nuclear-II	Nucl.	315	213,776,000	207,576,496	-	207,576,496	-	-	-	-	207,576,496	-	207,576,496
18	Chashma Nuclear-III	Nucl.	340	213,397,000	202,577,772	-	202,577,772	-	-	-	-	202,577,772	-	202,577,772
19	Chashma Nuclear-IV	Nucl.	340	222,572,000	251,595,389	-	251,595,389	-	-	-	-	251,595,389	-	251,595,389
20	Tarapur-Iran	Import	96	31,646,200	310,411,247	-	310,411,247	-	-	-	-	310,411,247	-	310,411,247
Sub-Total:				1,888,773,768	12,196,174,801	580,651,963	12,777,428,763	1,483,123,281	10,990,761	1,494,114,062	-	13,270,898,082	591,642,744	14,271,540,825
1	Attock-Gem	RFO	156	57,439,848	87,222,491	87,222,491	87,222,491	-	-	-	-	87,222,491	-	87,222,491
2	Atlas Power	RFO	214	59,850,277	742,041,689	89,015,317	831,057,006	-	-	-	-	742,041,689	89,015,317	831,057,006
3	Nishaf Power	RFO	185	71,726,912	868,504,321	103,889,386	972,393,717	-	-	-	-	868,504,321	103,889,386	972,393,717
4	Foundation Power	Gas	171	99,613,390	736,464,964	59,400,657	795,865,621	-	-	-	-	736,464,964	59,400,657	795,865,621
5	Oriental	RLNG	213	1,133,206	13,112,476	483,969	13,596,445	-	-	-	-	13,112,476	483,969	13,596,445
6	Nishaf Chashma	HSD	7,881,806	7,881,806	171,637,458	4,806,915	176,444,373	-	-	-	-	171,637,458	4,806,915	176,444,373
7	Saif Power	RLNG	204	68,766,578	833,615,929	102,035,044	935,651,773	-	-	-	-	833,615,929	102,035,044	935,651,773
8	Engro Energy	Gas	213	7,380,029	135,597,061	6,461,215	142,058,276	-	-	-	-	135,597,061	6,461,215	142,058,276
9	Sapphire Power	HSD	203	67,973,395	573,766,613	35,811,013	609,577,626	495,702,137	17,184,385	512,886,522	-	1,069,468,760	52,995,398	1,122,464,148
10	Mubco Nawal	RLNG	203	1,240,050	13,616,470	743,906	14,562,376	-	-	-	-	13,616,470	743,906	14,562,376
11	Hukco Nawal	HSD	214	7,525,890	159,345,761	6,865,699	166,211,460	-	-	-	-	159,345,761	6,865,699	166,211,460
12	Liberty Power	RFO	186	53,980,192	673,149,188	72,268,681	745,417,869	-	-	-	-	673,149,188	72,268,681	745,417,869
13	Halmat	RLNG	199	56,284,437	709,544,127	91,596,912	801,541,039	-	-	-	-	709,544,127	91,596,912	801,541,039
14	Uch-II	Gas	381	6,066,186	118,905,738	5,335,817	124,241,555	-	-	-	-	118,905,738	5,335,817	124,241,555
15	JOWA-I	Bagasse	26	241,990,601	1,740,361,015	83,656,151	1,824,017,166	-	-	-	-	1,740,361,015	83,656,151	1,824,017,166
16	JOWA-II	Bagasse	26	14,493,700	86,704,212	9,728,133	97,928,133	-	-	-	-	86,704,212	9,728,133	97,928,133
17	RYK	Bagasse	24	12,317,840	73,687,782	9,538,935	83,226,718	-	-	-	-	73,687,782	9,538,935	83,226,718
18	Chinor Power	Bagasse	62	7,105,700	42,507,719	5,502,654	48,010,373	-	-	-	-	42,507,719	5,502,654	48,010,373
19	Almaz Sugar Mills	Bagasse	15	27,354,880	163,641,885	21,183,557	184,825,442	-	-	-	-	163,641,885	21,183,557	184,825,442
20	Hanoo Industries Limited	Bagasse	36	9,235,281	55,247,292	7,151,801	62,399,093	-	-	-	-	55,247,292	7,151,801	62,399,093
21	Chashma Energy Limited	Bagasse	22	2,984,468	20,446,448	2,646,807	23,093,255	-	-	-	-	20,446,448	2,646,807	23,093,255
22	China Hub Power (Pvt) Ltd	Coal	1,220	614,721,500	3,199,971,778	64,312,084	3,264,283,862	-	-	-	-	3,199,971,778	64,312,084	3,264,283,862
23	Engro PowerGen Thar TPS	Coal	660	11,980,230	311,733,110	3,511,704,888	3,823,438,998	-	-	-	-	3,511,704,888	3,511,704,888	3,823,438,998
24	Lafayette Sugar Mills	Coal	41	383,670,100	3,570,742,862	412,598,826	3,983,341,688	-	-	-	-	3,570,742,862	412,598,826	3,983,341,688
25	QATPL	RLNG	1,180	23,555,100	115,525,216	12,545,511	128,070,727	-	-	-	-	115,525,216	12,545,511	128,070,727
26	Hayat Bahadur Shah	HSD	1,230	7,955,900	206,094,623	12,545,511	218,630,134	-	-	-	-	206,094,623	12,545,511	218,630,134
27	Coal Fire Power Plant	Coal	1,220	238,321,900	3,637,437	74,976,070	3,712,413,367	507,462,320	-	507,462,320	-	3,637,437	74,976,070	3,712,413,367
28	Gulf Power Gen	RFO	62	115,800	1,945,897,447	52,573	1,945,897,447	-	-	-	-	1,945,897,447	52,573	1,945,897,447
29	Reshman	RLNG	97	780,584,400	5,954,809,058	145,735,107	6,100,544,165	-	-	-	-	5,954,809,058	145,735,107	6,100,544,165
30	Balochi	RLNG	1,320	-	-	-	-	-	-	-	-	-	-	-
31	Port Quain	HSD	1,320	648,883,374	5,412,166,492	203,944,044	5,616,110,536	-	-	-	-	5,412,166,492	203,944,044	5,819,054,580
Sub-Total:				8,873,526	172,640,223	4,024,144	176,664,367	-	-	-	-	172,640,223	4,024,144	176,664,367
Sub-Total:				780,580,100	3,829,433,121	147,997,987	3,977,431,108	-	-	-	-	3,829,433,121	147,997,987	3,977,431,108
Sub-Total:				4,392,825,403	33,100,637,164	2,137,838,451	35,238,465,615	1,589,433,226	17,184,385	1,606,617,611	-	34,690,070,989	2,155,012,837	36,845,083,826
Sub-Total:				6,281,590,171	45,297,411,964	2,118,490,414	48,015,892,379	3,072,556,507	28,175,166	3,100,731,673	-	48,389,968,471	2,146,655,560	51,116,624,031
OTHERS:														
1	TPS-Quetta	Gas	25	-	-	-	-	-	-	-	-	-	-	-
2	Zorlu	Wind	56	5,122,280	-	-	-	-	-	-	-	-	-	-
3	FFCEL	Wind	50	4,509,220	-	-	-	-	-	-	-	-	-	-
4	TOF	Wind	50	4,416,100	-	-	-	-	-	-	-	-	-	-
5	Foundation	Wind	99	3,185,120	-	-	-	-	-	-	-	-	-	-
6	Saphir Wind Power	Wind	50	5,985,568	-	-	-	-	-	-	-	-	-	-
7	Yousaf Energy Ltd.	Wind	50	6,984,000	-	-	-	-	-	-	-	-	-	-
8	Metro Wind Power	Wind	50	7,785,170	-	-	-	-	-	-	-	-	-	-
9	Gul Ahmad Wind Power	Wind	50	7,270,640	-	-	-	-	-	-	-	-	-	-
10	Master Wind Power	Wind	50	6,988,222	-	-	-	-	-	-	-	-	-	-
11	Tengri Generation	Wind	50	3,919,640	-	-	-	-	-	-	-	-	-	-
12	Tajul Wind	Wind	31	3,927,280	-	-	-	-	-	-	-	-	-	-
13	Hydrochin Damood Power (Private) Limited	Wind	50	3,732,540	-	-	-	-	-	-	-	-	-	-
14	SED Wind	Wind	50	6,116,112	-	-	-	-	-	-	-	-	-	-
15	UEP Wind	Wind	99	9,715,507	-	-	-	-	-	-	-	-	-	-
16	Quila-e-Azam Solar Park	Solar	52	11,087,870	-	-	-	-	-	-	-	-	-	-
17	Appali Solar Park	Solar	100	11,305,840	-	-	-	-	-	-	-	-	-	-
18	Best Green Energy	Solar	100	11,344,050	-	-	-	-	-	-	-	-	-	-
19	Crest Energy	Solar	100	11,475,850	-	-	-	-	-	-	-	-	-	-
20	Narappa	Solar	18	1,513,150	-	-	-	-	-	-	-	-	-	-

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of January 2021

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.)
21	AI Solar	Solar	18	1,186,050	-	-	-	-	-	-	-	-	-	-
22	AEF Wind	Wind	50	10,103,951	-	-	-	-	-	-	-	-	-	-
23	Amrapali Wind	Wind	50	8,856,310	-	-	-	-	-	-	-	-	-	-
24	MANRA Wind	Wind	50	10,607,290	-	-	-	-	-	-	-	-	-	-
25	TOT	Wind	50	6,651,327	-	-	-	-	-	-	-	-	-	-
26	TGS	Wind	50	6,052,573	-	-	-	-	-	-	-	-	-	-
27	Tricon Boston-A	Wind	50	6,819,137	-	-	-	-	-	-	-	-	-	-
28	Tricon Boston-B	Wind	50	7,106,966	-	-	-	-	-	-	-	-	-	-
29	Tricon Boston-C	Wind	50	7,719,593	-	-	-	-	-	-	-	-	-	-
30	ZEPRTR Wind	Wind	50	6,043,700	-	-	-	-	-	-	-	-	-	-
31	Foundation Wind Energy-8 (Pvt.) Limited	Wind	257	1,063,541	5,368,645	-	5,368,645	-	-	-	-	5,368,645	-	-
32	SPPs	Mixed	1,897	207,552,577	5,368,645	-	5,368,645	-	-	-	-	5,368,645	-	-
Sub-Total			34,157	8,078,827,878	48,989,910,720	2,974,386,812	51,964,297,532	3,311,032,745	43,836,877	3,354,869,622	-	52,300,943,465	3,018,223,689	55,319,167,154
G-Total:														
1	Hydel			1,057,037,330	-	89,036,442	89,036,442	-	15,661,711	15,661,711	-	-	104,698,153	104,698,153
2	Coal			2,559,556,100	16,554,956,819	1,015,065,030	17,57,021,849	-	-	-	-	16,554,956,819	1,015,065,030	17,57,021,849
3	HSD			46,203,137	875,544,355	30,593,600	906,138,155	-	-	-	-	875,544,355	30,593,600	906,138,155
4	F.O.			974,031,992	12,025,411,673	967,001,623	12,992,416,496	-	-	-	-	12,025,411,673	967,001,623	13,000,020,868
5	Gas			1,333,801,176	10,162,369,074	504,083,735	10,666,451,809	804,613,691	10,990,781	815,604,372	-	10,666,451,809	521,268,120	11,179,338,331
6	RLNG			916,418,847	7,621,146,016	294,346,343	7,917,492,359	495,702,137	17,184,385	512,886,522	-	7,917,492,359	294,346,343	8,509,066,219
7	Nuclear			852,685,000	859,066,219	-	859,066,219	2,010,717,017	-	2,010,717,017	-	-	-	-
8	Import from Iran			31,646,200	310,411,247	-	310,411,247	-	-	-	-	310,411,247	-	310,411,247
9	Wind Power			152,668,236	-	-	-	-	-	-	-	-	-	-
10	Solar			47,920,810	-	-	-	-	-	-	-	-	-	-
11	Bagasse			95,889,919	573,632,673	70,869,640	644,502,313	-	-	-	-	573,632,673	70,869,640	644,502,313
Totals For The month				1,063,541	5,368,645	-	5,368,645	-	-	-	-	-	-	-
Prev. Adjustments :				8,078,827,878	48,989,910,720	2,974,386,812	51,964,297,532	3,311,032,745	43,836,877	3,354,869,622	-	52,300,943,465	3,018,223,689	55,319,167,154
GRAND TOTALS :				8,157,423,774	52,300,943,465	3,018,223,689	55,319,167,154							

Energy Cost (Rs.)	52,300,943,465	3,018,223,689	55,319,167,154
Cost not chargeable to DISCOs (Rs.)	640,772,693	-	640,772,693
EPP (Chargeable) (Rs.)	51,660,170,772	3,018,223,689	54,678,394,461
Energy Sold (KWh)	7,728,256,251	7,728,256,251	7,728,256,251
Avg. Rate (Rs./KWh)	6.6846	0.3905	7.0751

Reference Rate (Rs./KWh)	5.7576
FCA Rate (Rs./KWh)	0.9270

CENTRAL POWER PURCHASING AGENCY (CPPA)
Detail Breakup of FCC Claimed
For the Month of January 2021

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	Orient Power Company (Private) Limited	RLNG	213	1,133,206	9.4223	10,677,406	328,863	2,106,207	-	13,112,476
2	Saif Power Limited	HSD		7,881,806	19.7293	155,502,215	4,789,468	11,345,775	-	171,637,458
3	Engro Powergen Qadirpur Limited	HSD	204	7,380,029	16.9942	125,417,944	3,862,873	6,316,244	-	135,597,061
4	Sapphire Electric Company Limited	Gas	213	67,978,385	7.1240	484,278,012	15,981,174	73,507,427	-	573,766,613
5	Uch-II Power (Pvt.) Limited	RLNG	203	1,240,050	9.3765	11,627,329	358,122	1,833,019	-	13,818,470
6	China Power Hub Generation company (Pvt.) Ltd	Gas	381	241,990,601	6.9423	1,679,975,704	26,391,186	33,994,125	-	1,740,361,015
7	Quaid-e-Azam Thermal Power (Pvt) Limited	Coal	1,220	614,721,500	4.9801	3,061,374,542	20,033,610	118,563,626	-	3,199,971,778
8	Haveli Bahadur Shah	RLNG	1,180	23,555,100	7.7932	183,569,606	2,955,471	19,559,546	-	206,084,623
9	Huaneng Shandong Ruyi Energy (Pvt) Ltd	HSD		7,955,900	11.3391	90,212,746	1,452,425	23,860,045	-	115,525,216
10	Baloki	RLNG	1,230	238,321,900	7.7187	1,839,535,250	29,616,518	76,545,679	-	1,945,697,447
11	Port Qasim Electric Power Company (Pvt.) Limited	HSD		115,800	11.6662	1,350,946	21,750	517,202	-	1,889,898
		Coal	1,320	780,584,400	7.4421	5,809,187,163	92,622,547	52,999,348	-	5,954,809,058
		RLNG	1,320	648,883,374	7.7794	5,047,923,319	81,271,565	282,971,608	-	5,412,166,492
		HSD		8,873,526	14.3175	127,046,709	2,045,452	43,548,062	-	172,640,223
		Coal	1,320	780,580,100	4.7870	3,736,636,939	56,964,279	35,831,903	-	3,829,433,121
IPPs Total:-					-	22,364,315,830	338,695,303	783,499,816	-	23,486,510,949

Detail Of Energy Imported From Small Power Producers					
DISCO	SPPs	Contract Capacity (MW)	Description	Jan, 2021	Rate (Rs./KWh)
HESCO	Thatta Power (Pvt.) Ltd.,	18.80	Energy	144,500	5.04
			Cost (Rs.)	728,280	
	HI-Tech	8.00	Energy	74,560	5.78
			Cost (Rs.)	430,957	
	Lucky Cement Factory Ltd., N-Abad	20.00	Energy	835,200	5.04
			Cost (Rs.)	4,209,408	
	DISCO's Total:-	56.80	Energy	1,054,260	5.09
			Cost (Rs.)	5,368,645	
PESCO	Diesel Power Garam Chashma		Energy	9,281	0.00
			Cost (Rs.)	-	
	DISCO's Total:-		Energy	9,281	0.00
			Cost (Rs.)	-	
G-Total		61.80	Energy	1,063,541	5.05
			Cost (Rs.)	5,368,645	

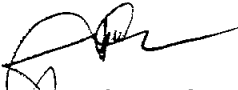
REGISTRAR
 Dy. No. 1631
 Dated: 18.2.2022

CERTIFICATE
FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF
REGARDING 1994 POWER POLICY (HUBCO & KAPCO INCLUSIVE)
FOR THE MONTH OF JANUARY 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 evidences. 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
(Conventional)


DGMF-II (CPPA-G)

CERTIFICATE

FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

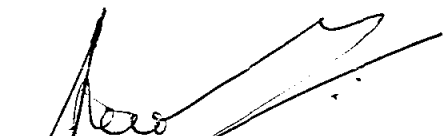
REGARDING 2002 POWER POLICY

FOR THE MONTH OF JANUARY 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.

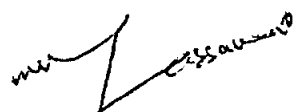

**DGM Technical
(Renewable)**

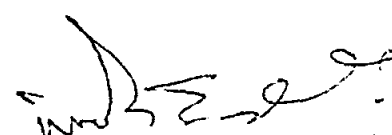

DGMF-I (CPPA-G)

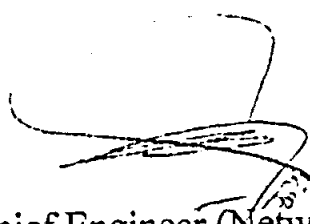
CERTIFICATE

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

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of January 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.)
				A	B	C	D=B+C	E	F	G=E+F	H	I=B+E+H	J=C+F	K=I+J
1	Hydel													
	WAPDA	Hydel	6,902	418,172,910		40,852,408	40,852,408						40,852,408	40,852,408
	Jagran	Hydel	30	1,743,576		305,770	305,770						305,770	305,770
	Petuh	Hydel	18											
	Malakand III SHYDO	Hydel	81	14,964,470		4,739,248	4,739,248						4,739,248	4,739,248
	Larali	Hydel	84											
	Star Hydro	Hydel	147	15,947,900		2,940,793	2,940,793						2,940,793	2,940,793
	Head Maralla	Hydel	8											
	Neelum Jhelum	Hydel	969	38,493,400										
	Tatbela Ext. 4	Hydel	1,478											
	Mira Power Limited	Hydel	101	21,640,540		4,200,429	4,200,429						4,200,429	4,200,429
	Daral Kihwar	Hydel	37	1,974,790										
	Ranolia	Hydel	17											
	Hydel Total:		9,872	512,937,586		53,038,648	53,038,648						53,038,648	53,038,648
2	Ex-WAPDA GENCOs													
	GENCO-I ***													
	Jamshoro Block 1 Unit 1	RFO	182											
	Jamshoro Block 2 Unit-2	RFO	464											
	Unit-3	RFO												
	Unit-4	RFO												
	Kotri 3-2	RFO	0											
	Jamshoro Block 4	RFO												
	Jamshoro Total		646											
	GENCO-II ***													
	Guddu CC Block 1 (CC)	Gas	390	83,910,300	681,771,188	5,781,420	687,552,608					687,552,608	5,781,420	687,552,608
	Central Block 2 (CC)	Gas												
	Guddu (CC) Block-2	Gas	530	83,910,300	681,771,188	5,781,420	687,552,608					687,552,608	5,781,420	687,552,608
	Block 3 (Unit 3&4)	Gas												
	Guddu 147 (CC)	Gas	721	276,427,000	1,643,386,158	174,038,439	1,817,424,597					1,817,424,597	174,038,439	1,817,424,597
	Central Total		1,641	360,337,300	2,325,157,346	179,819,859	2,504,977,205					2,504,977,205	179,819,859	2,504,977,205
	GENCO-III ***													
	Northern Block 1 Unit 1	RFO	556											
	Unit 2	RFO												
	Unit 3	RFO												
	Unit 1	Gas												
	Unit 2	Gas												
	Unit 3	Gas												
	Unit 1	RLNG												
	Unit 2	RLNG												
	Unit 3	RLNG												
	Unit 3	RLNG												
	Northern Block 2 Block-2 Unit 4	RFO	272											
	Block-2 Unit 4	GAS												
	Block-2 Unit 4	RLNG												
	Northern Block 3 Block-3 Unit 5	RFO	355											
	Block-3 Unit 5	Gas												
	Block-3 Unit 5	RLNG												
	Block-3 Unit 6	RFO												
	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											
	Northern Total:		1,884											
	GENCO-IV													
	LAKIIRA	Coal	31											
	Sub-Total:		31											
	GENCOs Total:		4,202	360,337,300	2,325,157,346	179,819,859	2,504,977,205					2,325,157,346	179,819,859	2,504,977,205
3	IPPs													
	Kot Addu Block 1	RFO	325	173,060,161	3,812,951,777	132,514,124	3,945,465,901					3,945,465,901	132,514,124	3,945,465,901
	HSB			544,361	10,956,708	242,090	11,198,798					11,198,798	242,090	11,198,798
	Kot Addu Block 2	RFO	262	249,394,406	6,005,223,375	267,905,086	6,273,128,461					6,273,128,461	267,905,086	6,273,128,461
	HSB													
	Kot Addu Block 3	RLNG	249											
	HSB			11,038,572	252,000,640	16,667,253	268,667,893					268,667,893	16,667,253	268,667,893
	KAPCO Total		1,336	433,037,500	10,081,132,500	417,328,553	10,498,461,053					10,498,461,053	417,328,553	10,498,461,053
	HUB Power	RFO	1,208	58,557,400	1,507,406,920	16,857,156	1,524,264,076					1,524,264,076	16,857,156	1,524,264,076
	Kohinoor Energy	RFO	124	54,578,000	1,232,195,563	54,428,512	1,286,624,075					1,286,624,075	54,428,512	1,286,624,075
	AES Lalpui	RFO	350	48,051,600	1,258,154,600	13,727,093	1,271,881,693					1,271,881,693	13,727,093	1,271,881,693

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

For the Month of January 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.)	
	5	Pak Gen Power Limited	RFO	350	140,687,800	3,392,969,642	40,190,847	3,433,160,489				3,392,969,642	40,190,847	3,433,160,489	
	7	Habibullah	Gas	129											
	8	Fauji Kahrwala	Gas	151											
	9	Rousch	RLNG	395											
	10	Saba Power	RFO	126	29,629,380	774,844,008	8,437,846	783,281,054				774,844,008	8,437,846	783,281,054	
	12	Uch	Gas	549	410,842,000	3,674,545,531	182,865,774	3,857,411,305				3,674,545,531	182,865,774	3,857,411,305	
	13	Allen	Gas	27											
	14	Liberty	Gas	212											
	16	Chashma Nuclear	Nucl.	300	185,293,000	225,816,579		225,816,579				225,816,579		225,816,579	
	17	Chashma Nuclear-II	Nucl.	315	882,000	995,778		995,778				995,778		995,778	
	18	Chashma Nuclear-III	Nucl.	340	234,900,000	289,208,880		289,208,880				289,208,880		289,208,880	
	19	Chashma Nuclear-IV	Nucl.	340	235,808,000	281,201,040		281,201,040				281,201,040		281,201,040	
	20	Kanupp - PAEC (K-2/K-3 Project)	Nucl.	1,140	607,688,000	562,962,163		562,962,163				562,962,163		562,962,163	
	21	Tavanir Iran	Import	96	31,649,000	474,966,006		474,966,006				474,966,006		474,966,006	
Sub-Total:			7,488	2,471,603,680	23,756,399,210	733,835,781	24,490,234,991					23,756,399,210	733,835,781	24,490,234,991	
	1	Attock Gen	RFO	156	78,594,316	1,607,304,299	132,148,483	1,739,452,782							
	2	Atlas Power	RFO	214	100,754,920	2,172,658,944	167,253,167	2,339,912,111							
	3	Nishat Power	RFO	195	44,489,592	1,014,193,637	73,852,723	1,088,046,360							
	4	Foundation Power	Gas	171	130,256,542	903,260,867	89,311,250	992,572,117							
	5	Oriant	RLNG	213											
	6	Nishat Chunlan	RFO	196	82,116,274	1,803,733,228	135,992,761	1,939,725,990							
	7	Sail Power	RLNG	204											
	8	Engro Energy	HSD	213	85,602,313	729,864,630	54,286,878	784,151,508							
	9	Sapphire Power	RLNG	203	3,879,173										
	10	Huohu Narowal	RFO	214	92,016,385	1,850,339,083	134,242,704	1,984,581,787							
	11	Liberty Power	RFO	196	87,176,015	1,805,981,915	158,058,833	1,964,040,748							
	12	Habrore	RLNG	199											
	13	Uch-II	Gas	381	277,322,858	2,182,336,596	110,371,236	2,272,707,832							
	14	JDW-II	Bagasse	26	14,800,500	88,539,551	6,115,566	94,655,117							
	15	JDW-III	Bagasse	26	15,546,820	93,004,187	6,423,946	99,428,133							
	16	RYK	Bagasse	24	14,356,500	85,883,454	5,932,106	91,815,560							
	17	Chiniot Power	Bagasse	62	27,378,440	163,783,304	22,562,572	186,345,876							
	19	Hanza Sugar Mills	Bagasse	15	10,052,570	60,136,484	8,284,323	68,420,897							
	20	Almora Industries Limited	Bagasse	36	534,428	3,197,055	230,825	3,417,880							
	21	Chanaar Energy Limited	Bagasse	22	10,492,684	62,769,334	4,335,577	67,104,911							
	22	China Hub Power (Pvt.) Ltd	Coal	1,220	820,703,300	9,876,343,512	435,301,030	10,311,644,543							
	23	Engro PowerGen Thar TPS	Coal	660	298,094,400	3,571,676,132	327,277,842	3,898,953,973							
	24	Layyah Sugar Mills	Bagasse	41	13,972,000	83,583,298	5,773,230	89,356,528							
	25	QATPL	RLNG	1,180	28,136,261	527,479,507	16,750,707	544,230,214							
	25A		HSD		274,323,039	7,587,227,972	125,420,493	7,712,648,465							
	26	Itavali Bahadur Shah	RLNG	1,230	518,726,821	8,493,922,784	116,609,789	8,610,532,573							
	24A		HSD		102,611,179	2,104,819,421	29,921,420	2,134,740,841							
	27	Huaneng Shandong Rinyi Energy (Pvt) Ltd	Coal	1,320	862,834,700	14,102,342,904	180,505,019	14,282,847,923							
	30	Balochi	RLNG	1,320	79,212,474	1,436,251,874	19,866,488	1,456,118,362							
	28A		HSD		199,681,326	5,427,243,598	63,538,598	5,490,782,196							
	30	Port Qasim	Coal	1,320	776,377,400	12,958,437,546	164,902,560	13,123,340,105							
	31	Lucky Electric Power Company Limited	Coal	660	158,687,600	631,068,848	67,283,542	698,352,390							
		Sub-Total:	12,037	5,208,732,840	81,407,383,963	2,662,543,669	84,069,927,632								
		IPP's Total:-	19,525	7,680,336,520	105,163,783,173	3,396,379,450	108,560,162,623								
4	Others														
	1	TPS-Quetta	Gas	25											
	2	Zorah	Wind	56	4,875,480										
	3	FFCEL	Wind	50	4,534,440										
	4	TGF	Wind	50	5,298,300										
	5	Foundation	Wind	50	6,348,110										
	6	Sapphire Wind Power	Wind	53	6,028,590										
	7	Younus Energy Ltd.,	Wind	50	6,948,410										
	8	Metro Wind Power	Wind	50	8,182,690										
	9	Gul Ahmad Wind Power	Wind	50	7,190,040										
	10	Master Wind Power	Wind	50	6,268,114										
	11	Tenaga Generasi	Wind	50	6,521,980										
	12	Tapal Wind	Wind	31	3,899,500										
	13	Hydrochina Dawood Power (Private) Limited	Wind	50	6,563,400										
	14	SEDL Wind	Wind	50	7,182,195										
	15	UEPL Wind	Wind	99	11,677,539										
	16	Quidi-e-Azam Solar Park	Solar	100	10,641,190										
	17	Appollo Solar Park	Solar	100	11,045,630										
	18	Best Green Energy	Solar	100	11,184,780										
	19	Crest Energy	Solar	100	11,209,940										
	20	Itarappa	Solar	18	1,424,260										
	21	AJ Solar	Solar	12	1,074,230										
	22	AEP Wind	Wind	50	10,152,852										
	23	Jhampri Wind	Wind	50	7,545,460										
	24	HAWA Wind	Wind	50	8,896,000										
	25	TGT	Wind	50	7,480,016										
	26	TGS	Wind	50	7,053,982										
	27	Tricon Boston-A	Wind	50	7,539,061										
	28	Tricon Boston-B	Wind	50	7,921,671										
	29	Tricon Boston-C	Wind	50	8,538,424										
	30	ZEPHYR Wind	Wind	50	11,459,330										

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of January 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	8,150,140										
32	Master Green	Wind	50	8,442,760										
33	Tricom Wind Power (Private) Limited	Wind	50	8,635,470										
34	ACT 2	Wind	50	625,240										
35	Artistic [2] Wind Power	Wind	50	424,960										
36	SPPs	Mixed	257	2,295,120	14,436,305		14,436,305					14,436,305		14,436,305
	Sub-Total		2,143	243,759,304	14,436,305		14,436,305					14,436,305		14,436,305
	G-Total:		35,742	8,797,370,710	107,503,376,823	3,629,237,957	111,132,614,780					107,503,376,823	3,629,237,957	111,132,614,780
Summary														
1	Hydel			512,937,586		53,038,648	53,038,648						53,038,648	53,038,648
2	Coal			2,916,697,400	41,139,868,941	1,175,269,993	42,315,138,934					41,139,868,941	1,175,269,993	42,315,138,934
3	HSD			592,077,650	15,382,248,339	235,789,854	15,618,038,193					15,382,248,339	235,789,854	15,618,038,193
4	F.O.			1,238,106,249	28,237,956,991	1,335,609,335	29,573,566,326					28,237,956,991	1,335,609,335	29,573,566,326
5	Gas			1,264,361,023	9,795,164,970	616,654,997	10,411,819,967					9,795,164,970	616,654,997	10,411,819,967
6	RLNG			626,077,556	10,457,654,165	153,226,984	10,610,881,149					10,457,654,165	153,226,984	10,610,881,149
7	Nuclear			1,264,571,000	1,360,184,440		1,360,184,440					1,360,184,440		1,360,184,440
8	Import from Iran			31,649,000	474,966,006		474,966,006					474,966,006		474,966,006
9	Wind Power			194,884,154										
10	Solar			46,580,030										
11	Bagasse			107,133,942	640,896,667	59,648,145	700,544,812					640,896,667	59,648,145	700,544,812
	Mixed			2,295,120	14,436,305		14,436,305					14,436,305		14,436,305
	Totals For the month:			8,797,370,710	107,503,376,823	3,629,237,957	111,132,614,780					107,503,376,823	3,629,237,957	111,132,614,780
	Prev. Adjustments:													
	GRAND TOTALS:			8,797,370,710	107,503,376,823	3,629,237,957	111,132,614,780							

Energy Cost (Rs.)	107,503,376,823	3,629,237,957	111,132,614,780
Cost not chargeable to DISCOs (Rs.)	1,247,039,302	-	1,247,039,302
EPP (Chargeable) (Rs.)	106,256,337,521	3,629,237,957	109,885,575,478
Energy Sold (KWh)	8,420,733,886	8,420,733,886	8,420,733,886
Avg. Rate (Rs./KWh)	12.6184	0.4310	13.0494

Reference Rate (Rs./KWh)	6.5124
FCA Rate (Rs./KWh)	6.1060

CENTRAL POWER PURCHASING AGENCY (CPPA)
Detail Breakup of FCC Claimed
For the Month of JAN 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	156	78,594,316	18.8586	1,482,178,768	-	125,125,531	-	1,607,304,299
2	Foundation Power Company Daharki Ltd.	Gas	171	130,256,542	6.6206	862,375,169	36,219,757	4,665,941	-	903,260,867
3	Engro Powergen Qadirpur Limited	Gas	213	89,481,486	7.4359	665,378,806	22,622,879	41,862,945	-	729,864,630
4	Uch-II Power (Pvt.) Limited	Gas	381	277,322,868	7.5344	2,089,457,485	66,642,772	6,236,339	-	2,162,336,596
5	Quaid-e-Azam Thermal Power (Pvt) Limited	RLNG/HSD	1,180	302,461,300	22.4182	6,780,644,169	124,085,787	1,209,977,523	-	8,114,707,479
6	National Power Parks Management Company Private	RLNG/HSD	2,550	700,550,474	21.9102	15,349,223,696	280,890,794	1,832,123,187	-	17,462,237,677
IPPs Total:-			4,651	1,578,666,986	-	27,229,258,093	530,461,989	3,219,991,466	-	30,979,711,548

Detail Of Energy Imported From Small Power Producers					
DISCO	Captive	Contract Capacity (MW)	Description	Jan, 2022	Rate (Rs./KWh)
SEPCO	AL Noor Sugar Mills	Energy	Energy	2,295,120	6.29
			Cost (Rs.)	14,436,305	
	DISCO's Total:-	16.00	Energy	2,295,120	6.29
			Cost (Rs.)	14,436,305	
G-Total		61.80	Energy	2,295,120	6.29
			Cost (Rs.)	14,436,305	

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/8733-34

Dated: May 16, 2022

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

SUBJECT: XWDISCOs' ENERGY PURCHASE DATA FOR MONTH OF APRIL 2022

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

Tariff Division Record

Doc No.....201.....

Dated. 18/11/2018

REGISTRAR

CERTIFICATE

FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

REGARDING 2002 POWER POLICY

FOR THE MONTH OF APRIL 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
(Conventional)

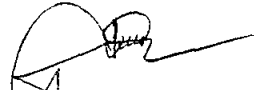

GMF (CPPA-G)

CERTIFICATE
FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF
REGARDING 1994 POWER POLICY (HUBCO & KAPCO INCLUSIVE)
FOR THE MONTH OF APRIL 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 evidences. 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
(Conventional)


DGMF-II (CPPA-G)

CERTIFICATE

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

- I. It is certified that Merit order was followed as defined under section 2 (41) of the NEPRA Licensing (Generation) Rules 2000, while operating power plants in its fleet during month of April-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.

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of April 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.)
				A	B	C	D=B+C	E	F	G=E+F	H	I=B+E+H	J=C+I	K=I+J
1	Hydel													
	WAPDA	Hydel	6,902	1,583,859,673		145,123,403	145,123,403					145,123,403		145,123,403
	Jagran	Hydel	30	15,868,710		41,099,959	41,099,959					41,099,959		41,099,959
	Peluse	Hydel	10						(4,200,376)	(4,200,376)				
	Malakand III SHYDO	Hydel	81	40,647,400		12,873,032	12,873,032					12,873,032		12,873,032
	Larali	Hydel	84	47,293,870										
	Star Hydel	Hydel	147	60,105,300		11,083,417	11,083,417					11,083,417		11,083,417
	Head Maralla	Hydel	8	2,445,178										
	Neslum Jhelum	Hydel	959	611,140,400										
	Taricha Ext. 4	Hydel	1,478											
	Mira Power Limited	Hydel	101	14,782,560		2,869,295	2,869,295					2,869,295		2,869,295
	Dawal Kwar	Hydel	37	24,319,350										
	HPS Karel 720MW	Hydel	720	3,891,000										
	Ranolia Hydro Power Complex	Hydel	17											
	Hydel Total:		10,592	2,404,353,441		213,049,106	213,049,106		(4,200,376)	(4,200,376)		208,848,730		208,848,730
2	Ex-WAPDA GENCOs													
	GENCO I ***													
	Jamshoro Block 1	RFO	182	40,866,000	1,255,918,431	3,780,105	1,259,698,536					1,255,918,431	3,780,105	1,259,698,536
	Unit 1	Gas												
	Jamshoro Block 2	RFO	464	9,478,000	327,123,692	876,715	328,000,407					327,123,692	876,715	328,000,407
	Unit 2	Gas												
	Unit 3	RLNG												
	Unit 4	RFO		(459,000)	(15,415,010)	(42,458)	(15,457,468)					(15,415,010)	(42,458)	(15,457,468)
	Unit 5	Gas												
	Unit 6	RLNG												
	Unit 7	Gas												
	Unit 8	RLNG												
	Unit 9	RFO												
	Unit 10	Gas												
	Unit 11	RLNG												
	Unit 12	RFO												
	Unit 13	Gas												
	Unit 14	RLNG												
	Unit 15	RFO												
	Unit 16	Gas												
	Unit 17	RLNG												
	Unit 18	RFO												
	Unit 19	Gas												
	Unit 20	RLNG												
	Unit 21	RFO												
	Unit 22	Gas												
	Unit 23	RLNG												
	Unit 24	RFO												
	Unit 25	Gas												
	Unit 26	RLNG												
	Unit 27	RFO												
	Unit 28	Gas												
	Unit 29	RLNG												
	Unit 30	RFO												
	Unit 31	Gas												
	Unit 32	RLNG												
	Unit 33	RFO												
	Unit 34	Gas												
	Unit 35	RLNG												
	Unit 36	RFO												
	Unit 37	Gas												
	Unit 38	RLNG												
	Unit 39	RFO												
	Unit 40	Gas												
	Unit 41	RLNG												
	Unit 42	RFO												
	Unit 43	Gas												
	Unit 44	RLNG												
	Unit 45	RFO												
	Unit 46	Gas												
	Unit 47	RLNG												
	Unit 48	RFO												
	Unit 49	Gas												
	Unit 50	RLNG												
	Unit 51	RFO												
	Unit 52	Gas												
	Unit 53	RLNG												
	Unit 54	RFO												
	Unit 55	Gas												
	Unit 56	RLNG												
	Unit 57	RFO												
	Unit 58	Gas												
	Unit 59	RLNG												
	Unit 60	RFO												
	Unit 61	Gas												
	Unit 62	RLNG												
	Unit 63	RFO												
	Unit 64	Gas												
	Unit 65	RLNG												
	Unit 66	RFO												
	Unit 67	Gas												
	Unit 68	RLNG												
	Unit 69	RFO												
	Unit 70	Gas												
	Unit 71	RLNG												
	Unit 72	RFO												
	Unit 73	Gas												
	Unit 74	RLNG												
	Unit 75	RFO												
	Unit 76	Gas												
	Unit 77	RLNG												
	Unit 78	RFO												
	Unit 79	Gas												
	Unit 80	RLNG												
	Unit 81	RFO												
	Unit 82	Gas												
	Unit 83	RLNG												
	Unit 84	RFO												
	Unit 85	Gas												
	Unit 86	RLNG												
	Unit 87	RFO												
	Unit 88	Gas												
	Unit 89	RLNG												
	Unit 90	RFO												
	Unit 91	Gas												
	Unit 92	RLNG												
	Unit 93	RFO												
	Unit 94	Gas												
	Unit 95	RLNG												
	Unit 96	RFO												
	Unit 97	Gas												
	Unit 98	RLNG												
	Unit 99	RFO												
	Unit 100	Gas												
	Unit 101	RLNG												
	Unit 102	RFO												
	Unit 103	Gas												
	Unit 104	RLNG												
	Unit 105	RFO												
	Unit 106	Gas												
	Unit 107	RLNG												
	Unit 108	RFO												
	Unit 109	Gas												
	Unit 110	RLNG												
	Unit 111	RFO												
	Unit 112	Gas												
	Unit 113	RLNG												
	Unit 114	RFO												
	Unit 115	Gas												
	Unit 116	RLNG												
	Unit 117	RFO												
	Unit 118	Gas												
	Unit 119	RLNG												
	Unit 120	RFO												
	Unit 121	Gas												
	Unit 122	RLNG												
	Unit 123	RFO												
	Unit 124	Gas												
	Unit 125	RLNG												
	Unit 126	RFO												
	Unit 127	Gas	</											

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of April 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.)
4	AES Lalpur	PFO	350	151,865,800	5,044,497,728	43,384,110	5,087,881,838	(191,018,807)	(230,963)	(191,249,770)	-	4,853,478,921	43,153,147	4,896,632,068
5	Pak Gen Power Limited	PFO	350	144,011,000	4,827,268,738	41,140,198	4,868,408,936	(66,176,723)	(450,624)	(66,627,347)	-	4,761,092,015	40,689,574	4,801,781,589
7	Habibullah	Gas	120	-	-	-	-	-	-	-	185,612,152	185,612,152	-	185,612,152
8	Fauji Kahrwala	Gas	151	-	-	-	-	-	-	-	-	-	-	-
9	Roush	RLNG	305	4,716,661	106,744,460	2,190,598	108,935,058	(2,056,421)	-	(2,056,421)	-	104,688,039	2,190,598	106,878,637
10	Saba Power	PFO	120	37,575,046	1,202,863,645	10,738,948	1,213,602,593	(4,291,358)	(42,075)	(4,333,433)	-	1,198,572,287	10,696,873	1,209,269,160
12	Uch	Gas	545	377,372,000	3,410,025,427	167,968,277	3,577,993,704	2,200,418	(68,578)	2,131,840	-	3,412,225,845	167,899,699	3,580,125,544
13	Altein	Gas	27	-	-	-	-	-	-	-	-	-	-	-
14	Liberty	Gas	212	56,488,400	1,008,660,684	31,049,927	1,039,710,611	-	-	-	-	1,008,660,684	31,049,927	1,039,710,611
16	Chashma Nuclear	Nucl.	300	214,983,000	261,999,782	-	261,999,782	(49,495,354)	-	(49,495,354)	-	212,504,428	-	212,504,428
17	Chashma Nuclear-II	Nucl.	315	221,894,000	250,518,326	-	250,518,326	-	-	-	-	250,518,326	-	250,518,326
18	Chashma Nuclear-III	Nucl.	340	186,345,000	229,427,964	-	229,427,964	-	-	-	-	229,427,964	-	229,427,964
19	Chashma Nuclear-IV	Nucl.	340	225,728,000	269,180,640	-	269,180,640	-	-	-	-	269,180,640	-	269,180,640
20	Karachi Nuclear Power Plant-Unit-2	Nucl.	1,140	742,785,000	673,260,324	-	673,260,324	-	-	-	-	673,260,324	-	673,260,324
21	Karachi Nuclear Power Plant-Unit-3	Nucl.	1,145	659,459,000	597,733,638	-	597,733,638	-	-	-	-	597,733,638	-	597,733,638
22	Tavara Bari	Import	05	51,953,000	916,035,296	-	916,035,296	15,726,218	-	15,726,218	-	931,761,514	-	931,761,514
Sub-Total:			8,633	3,670,506,707	35,450,186,302	776,328,256	36,226,514,558	(295,127,077)	(1,464,957)	(296,592,034)	185,612,152	35,340,671,376	774,863,299	36,115,534,676
1	Attock Gen	PFO	156	87,196,021	2,552,611,197	152,732,550	2,705,343,748	-	-	-	-	2,552,611,197	152,732,550	2,705,343,748
2	Atlas Power	PFO	214	124,007,636	2,955,387,183	214,533,210	3,169,920,394	1,080,641	-	1,080,641	-	2,956,467,824	214,533,210	3,171,001,035
3	Nishat Power	PFO	195	91,549,491	1,980,874,647	158,380,619	2,139,255,266	(5,399,054)	55	(5,398,999)	-	1,975,475,693	158,380,674	2,133,856,367
4	Foundation Power	Gas	171	113,912,239	788,477,617	81,561,148	868,038,765	(3,506,994)	(51,178)	(3,558,172)	-	782,970,623	81,509,970	864,480,593
5	Orient	RLNG	213	92,986,330	2,022,553,675	41,176,283	2,063,729,958	(2,785)	-	(2,785)	-	2,022,550,889	41,176,283	2,063,727,172
6	Nishat Chumian	PFO	195	78,028,322	1,967,843,070	134,669,081	2,102,512,150	60,651,964	(1)	60,651,964	-	2,028,495,034	134,669,080	2,163,164,114
7	Saf Power	RLNG	204	14,591,302	1,353,619									

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

For the month of April 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.)
	29	Talson Boston-C	Wind	50	15,838,376	-	-	-	-	-	-	-	-	-	-
	30	ZEPHYR Wind	Wind	50	16,710,083	-	-	-	-	-	-	-	-	-	-
	31	Foundation Wind Energy II (Pvt.) Limited	Wind	50	11,460,990	-	-	-	-	-	-	-	-	-	-
	32	Master Green Energy Limited	Wind	50	11,765,010	-	-	-	-	-	-	-	-	-	-
	33	Lucky Renewables (Private) Limited	Wind	50	14,625,070	-	-	-	-	-	-	-	-	-	-
	34	ACT2 DIN Wind (Pvt) Ltd.	Wind	50	17,219,150	-	-	-	-	-	-	-	-	-	-
	35	Artistic Wind Power (Pvt) Ltd.	Wind	50	17,074,500	-	-	-	-	-	-	-	-	-	-
	36	Jubus Wind Energy Ltd.	Wind	50	19,759,740	-	-	-	-	-	-	-	-	-	-
	37	Wind: Lakeside Energy	Wind	50	18,679,250	-	-	-	-	-	-	-	-	-	-
	38	Wind: Liberty-1	Wind	50	18,123,960	-	-	-	-	-	-	-	-	-	-
	39	DIN Energy Ltd.	Wind	50	21,933,960	-	-	-	-	-	-	-	-	-	-
	40	Wind: Gul Ahmad 2	Wind	50	21,625,580	-	-	-	-	-	-	-	-	-	-
	41	Solar: Zibenta	Solar	50	20,908,700	-	-	-	-	-	-	-	-	-	-
	42	Wind: Liberty-2	Wind	100	109,770	-	-	-	-	-	-	-	-	-	-
	43	Wind: NASDA	Wind	50	9,325,990	-	-	-	-	-	-	-	-	-	-
	44	Wind: Metro 2	Wind	50	379,130	-	-	-	-	-	-	-	-	-	-
	45	SPP's	Mixed	257	9,383,867	41,621,910	-	41,621,910	-	-	-	-	41,621,910	-	41,621,910
	Sub-Total			2,643	561,469,225	41,621,910	-	41,621,910	-	-	-	-	41,621,910	-	41,621,910
	G-Total:			38,107	12,960,414,884	132,746,144,144	4,446,408,828	137,192,552,972	1,862,974,592	(42,751,217)	1,820,223,375	185,612,152	134,794,730,888	4,403,657,611	139,198,388,499
Summary															
1		Hydel			2,404,353,441	-	213,049,106	213,049,106	-	(4,200,376)	(4,200,376)	-	-	208,848,730	208,848,730
2		Coal			2,168,931,900	31,094,241,430	934,503,370	32,028,744,800	2,407,190,244	(4,798,011)	2,402,394,233	-	33,501,431,673	929,707,359	34,431,139,033
3		ISO			58,481,782	1,622,280,950	86,339,597	1,708,620,547	-	-	-	-	1,622,280,950	86,339,597	1,708,620,547
4		F.O.			1,564,106,906	44,093,616,172	1,528,973,203	45,622,589,375	(242,225,823)	(32,991,413)	(275,217,236)	-	43,851,390,349	1,495,981,790	45,347,372,139
5		Gas			1,276,574,844	10,707,027,395	574,208,679	11,281,236,074	8,935,204	(199,078)	8,736,126	185,612,152	10,901,574,750	574,009,601	11,475,584,351
6		RLNG			2,516,849,158	41,352,152,442	1,025,265,263	42,377,417,705	(277,155,896)	-	(277,155,896)	-	41,074,986,545	1,025,265,263	42,100,261,808
7		Nuclear			2,251,194,000	2,282,120,674	-	2,282,120,674	(49,495,354)	-	(49,495,354)	-	2,232,625,320	-	2,232,625,320
8		Input from Iran			51,953,000	916,035,296	-	916,035,296	15,726,218	-	15,726,218	-	931,761,514	-	931,761,514
9		Wind Power			464,776,898	-	-	-	-	-	-	-	-	-	-
10		Solar			87,308,460	-	84,069,610	721,117,486	-	(564,339)	(564,339)	-	637,047,876	83,505,271	720,553,147
11		Bagasse			106,480,568	637,047,876	-	-	-	-	-	-	637,047,876	-	637,047,876
		Mixed			9,383,867	41,621,910	-	41,621,910	-	-	-	-	41,621,910	-	41,621,910
	Totals for the month				12,960,414,884	132,746,144,144	4,446,408,828	137,192,552,972	1,862,974,592	(42,751,217)	1,820,223,375	185,612,152	134,794,730,888	4,403,657,611	139,198,388,499
	Prev. Adjustments :				(22,372,270)	2,048,586,744	(42,751,217)	2,005,835,527	-	-	-	-	-	-	-
	GRAND TOTALS :				12,938,042,614	134,794,730,888	4,403,657,611	139,198,388,499	-	-	-	-	-	-	-

Energy Cost (Rs.)	134,794,730,888	4,403,657,611	139,198,388,499
Cost not chargeable to DISCOs (Rs.)	892,188,006	-	892,188,006
EPP (Chargeable) (Rs.)	133,902,542,882	4,403,657,611	138,306,200,493
Energy Sold (KWh)	12,556,366,689	12,556,366,689	12,556,366,689
Avg. Rate (Rs./KWh)	10.6641	0.3507	11.0148

Reference Rate (Rs./KWh)	6.6087
FCA Rate (Rs./KWh)	4.0554

CENTRAL POWER PURCHASING AGENCY (CPPA)
Detail Breakup of FCC Claimed
For the Month of April 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	113,912,239	6.6260	754,782,163	31,695,454	-	-	786,477,617
2	Orient Power Company (Private) Limited	RLNG	213	92,986,330	19.7321	1,834,812,650	57,246,155	130,494,870	-	2,022,553,675
3	Saif Power Limited	RLNG/HSD	204	84,641,890	14.3856	1,217,625,904	37,989,928	98,003,388	-	1,353,619,220
4	Engro Powergen Qadirpur Limited	Gas	213	36,282,228	7.1240	258,474,593	3,877,119	31,587,837	-	293,939,549
5	Sapphire Electric Company Limited	RLNG/RFO	203	63,263,096	15.5667	984,796,699	30,725,657	72,619,721	-	1,088,142,077
6	Halmore Power Generation Company Limited	RLNG	199	92,453,269	19.7368	1,824,731,680	56,201,736	122,892,242	-	2,003,825,658
7	Uch-II Power (Pvt.) Limited	Gas	381	248,241,961	7.6673	1,903,349,661	62,640,452	1,439,079	-	1,967,429,192
8	Quaid-e-Azam Thermal Power (Pvt) Limited	RLNG/HSD	1,180	655,247,400	14.7278	9,650,322,631	176,600,904	734,951,072	-	10,561,874,607
9	National Power Parks Management Company Private	RLNG/HSD	2,550	1,506,776,100	14.5920	21,986,905,750	402,360,375	1,009,443,237	-	23,398,709,362
10	Huaneng Shandong Ruyi Energy (Pvt) Ltd	Coal	1,320	448,757,000	23.9561	10,750,448,163	218,877,179	138,963,732	-	11,108,289,074
IPPs Total:-			6,634	3,342,561,513	144	51,166,249,894	1,078,214,959	2,340,395,178	-	54,584,860,031

Detail Of Energy Imported From Small Power Producers					
DISCO	Captive	Contract Capacity (MW)	Description	April, 2022	Rate (Rs./KWh)
MEPCO	Kumhar Wala Power House-I	5.00	Energy	1,125,467	
			Cost (Rs.)	-	
	DISCO's Total:-	5.00	Energy	1,125,467	-
			Cost (Rs.)	-	
HESCO	Lucky Cement Factory Ltd., N-Abad	20.00	Energy	8,258,400	5.04
			Cost (Rs.)	41,621,910	
	DISCO's Total:-	56.80	Energy	3,258,400	5.04
			Cost (Rs.)	41,621,910	
G-Total		61.80	Energy	9,383,367	4.44
			Cost (Rs.)	41,621,910	



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/10477-79

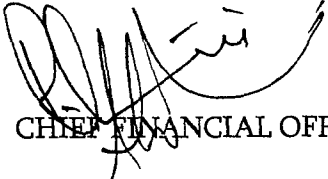
Dated: June 15, 2022

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

For upto 8 m. R. P. 16/6/22
- ADG (T) cc: Chairman
- C. P. 4 L. ~ v. c/m (NRE/CA)
- Cms. (Tech) ~ m (NRE/IT)
- SA (NRE)
- m. 2
17/6/22

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

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

Tariff Division Record

REGISTRAR

Dy. No: 5939
By No: 3552
Dated: 17-6-22

CERTIFICATE

FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

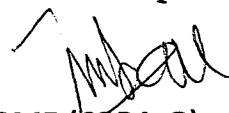
REGARDING 2002 POWER POLICY

FOR THE MONTH OF MAY 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
(Conventional)**


GMF (CPPA-G)

CERTIFICATE

FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

REGARDING 1994 POWER POLICY (HUBCO & KAPCO INCLUSIVE)

FOR THE MONTH OF MAY 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 evidences. 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
(Conventional)**

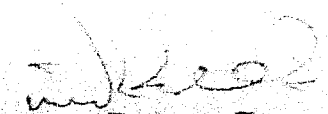

DGMF-II (CPPA-G)

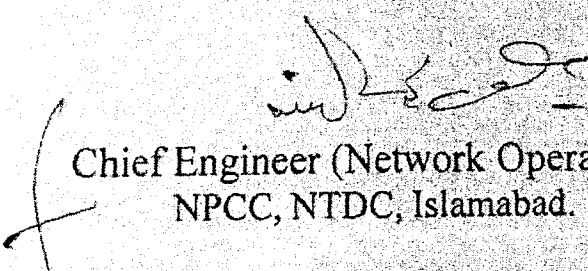
CERTIFICATE

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

- I. It is certified that Merit order was followed as defined under section 2 (f) (13) of the NEPRA Licensing (Generation) Rules 2000, while operating power plants in its fleet during month of MAY-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.

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of May 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.)
				A	B	C	D= B+C	E	F	G=E+F	H	I= B+E+H	J=C+F	K=I+J
1	Hydel													
	I. WAPDA	Hydel	6,902	2,412,765,388		205,675,833	205,675,833	-	-	-	-	-	205,675,833	205,675,833
	II. Jagran	Hydel	30	17,786,376		46,065,541	46,065,541	-	18,647,303	18,647,303	-	-	64,712,844	64,712,844
	III. Pehure	Hydel	18	-		-	-	-	-	-	-	-	-	-
	IV. Malakand-II SHYDO	Hydel	81	42,414,500		13,432,672	13,432,672	-	8,446,804	8,446,804	-	-	21,879,476	21,879,476
	V. Loralb	Hydel	84	49,310,960		15,276,535	15,276,535	-	-	-	-	-	15,276,535	15,276,535
	VI. Star Hydro	Hydel	147	90,296,300		16,650,638	16,650,638	-	-	-	-	-	16,650,638	16,650,638
	VII. Head Maralla	Hydel	8	2,653,362		-	-	-	-	-	-	-	-	-
	VIII. Neelum Jhelum	Hydel	969	688,408,800		-	-	-	-	-	-	-	-	-
	IX. Tarbela Ext. 4	Hydel	1,478	-		-	-	-	-	-	-	-	-	-
	X. Mira Power Limited	Hydel	101	12,958,050		2,515,158	2,515,158	-	-	-	-	-	2,515,158	2,515,158
	XI. Darai Khwar	Hydel	37	25,659,080		-	-	-	-	-	-	-	-	-
	XII. Karot Hydro Power	Hydel	720	244,244,200		-	-	-	-	-	-	-	-	-
	XIII. Ranolia Hydro Power Complex	Hydel	17	4,324,260		-	-	-	-	-	-	-	-	-
	Hydel Total:		10,592	3,590,821,276	-	299,616,377	299,616,377	-	27,094,107	27,094,107	-	-	326,710,484	326,710,484
2	Ex-Wal DA GENCOs													
	GENCO-I ***													
	Jamshoro Block 1	RFO	182	-		-	-	-	-	-	-	-	-	-
	Unit 1	Gas		-		-	-	-	-	-	-	-	-	-
	Jamshoro Block 2		464	-		-	-	-	-	-	-	-	-	-
	Unit-2	RFO		-		-	-	-	-	-	-	-	-	-
		Gas		-		-	-	-	-	-	-	-	-	-
		RLNG		-		-	-	-	-	-	-	-	-	-
	Unit-3	RFO		-		-	-	-	-	-	-	-	-	-
		Gas		-		-	-	-	-	-	-	-	-	-
		RLNG		-		-	-	-	-	-	-	-	-	-
	Unit-4	Gas		-		-	-	-	-	-	-	-	-	-
		RLNG		-		-	-	-	-	-	-	-	-	-
	Unit-4	RFO		-		-	-	-	-	-	-	-	-	-
	Kotri 3-7	Gas	0	-		-	-	-	-	-	-	-	-	-
	Jamshoro Block 4	Gas		-		-	-	-	-	-	-	-	-	-
	Jamshoro Total		646	-		-	-	-	-	-	-	-	-	-
	GENCO-II ***													
	Guddu CC Block 1 (OC)	Gas	390	271,071,119	2,152,807,190	18,676,800	2,171,483,990	-	-	-	-	2,152,807,190	18,676,800	2,171,483,990
	Central Block 2 (CC)	Gas		61,117,386	446,933,109	4,210,988	451,144,097	-	-	-	-	446,933,109	4,210,988	451,144,097
	Guddu (OC) Block-2	Gas	530	209,953,733	1,705,874,081	14,465,812	1,720,339,893	-	-	-	-	1,705,874,081	14,465,812	1,720,339,893
	Block 3 (unit 3&4)	Gas		-	-	-	-	-	-	-	-	-	-	-
	Guddu 747 (CC)	Gas	721	213,732,000	1,321,060,537	141,405,091	1,464,465,628	(975,466)	-	(975,466)	-	1,322,085,071	141,405,091	1,463,490,162
	Central Total		1,641	484,803,119	3,475,867,727	160,081,891	3,635,949,618	(975,466)	-	(975,466)	-	3,474,892,261	160,081,891	3,634,974,152
	GENCO-III ***													
	Northern Block 1													
	Unit 1	RFO		-		-	-	-	-	-	-	-	-	-
	Unit 2	RFO		-		-	-	-	-	-	-	-	-	-
	Unit 3	RFO		-		-	-	-	-	-	-	-	-	-
	Unit 1	Gas		-		-	-	-	-	-	-	-	-	-
	Unit 2	Gas		-		-	-	-	-	-	-	-	-	-
	Unit 3	Gas		-		-	-	-	-	-	-	-	-	-
	Unit 1	RLNG		-		-	-	-	-	-	-	-	-	-
	Unit 2	RLNG		-		-	-	-	-	-	-	-	-	-
	Unit 3	RLNG		-		-	-	-	-	-	-	-	-	-
	Unit 3	RLNG		-		-	-	-	-	-	-	-	-	-
	Northern Block 2													
	Block-2 Unit 4	RFO	272	-		-	-	-	-	-	-	-	-	-
	Block-2 Unit 4	Gas		-		-	-	-	-	-	-	-	-	-
	Block-2 Unit 4	RLNG		-		-	-	-	-	-	-	-	-	-
	Northern Block 3													
	Block-3 Unit 5	RFO		-		-	-	-	-	-	-	-	-	-
	Block-3 Unit 5	Gas		-		-	-	-	-	-	-	-	-	-
	Block-3 Unit 5	RLNG		-		-	-	-	-	-	-	-	-	-
	Block-3 Unit 6	RFO		-		-	-	-	-	-	-	-	-	-
	Block-3 Unit 6	Gas		-		-	-	-	-	-	-	-	-	-
	Block-3 Unit 6	RLNG		-		-	-	-	-	-	-	-	-	-
	Northern Block 4	RLNG	117	-		-	-	-	-	-	-	-	-	-
	Northern Block 5	RFO		-		-	-	-	-	-	-	-	-	-
	Northern Block 5	Gas	97	-		-	-	-	-	-	-	-	-	-
	Northern Block 6	Gas	75	-		-	-	-	-	-	-	-	-	-
	Nandipur	RLNG	411	244,008,000	7,421,504,625	182,493,583	7,603,998,208	(736)	-	(736)	-	7,421,503,889	182,493,583	7,603,997,472
	Northern Total:		1,884	244,008,000	7,421,504,625	182,493,583	7,603,998,208	(736)	-	(736)	-	7,421,503,889	182,493,583	7,603,997,472
	GENCO-IV LAKHRA													
	Sub-Total:	Coal	31	-		-	-	-	-	-	-	-	-	-
	GENCOs Total:-		4,202	728,811,119	10,897,372,352	342,575,474	11,239,947,826	(976,202)	-	(976,202)	-	10,896,396,150	342,575,474	11,238,971,624
3	IPPs													
	Kot Addu Block 1	RFO	325	150,360,300	4,642,591,257	115,352,633	4,757,943,890	-	-	-	-	4,642,591,257	115,352,633	4,757,943,890
		RLNG		69,536,400	2,125,990,101	30,754,009	2,156,744,110	-	-	-	-	2,125,990,101	30,754,009	2,156,744,110
		HSD		-	-	-	-	-	-	-	-	-	-	-
	Kot Addu Block 2	RFO	762	130,281,500	4,397,146,987	140,690,580	4,537,837,567	-	(1,137,592)	(1,137,592)	-	4,397,146,987	139,552,988	4,536,699,975
		RLNG		243,899,600	8,364,877,960	126,176,267	8,491,054,227	-	-	-	-	8,364,877,960	126,176,267	8,491,054,227
		HSD		-	-	-	-	-	-	-	-	-	-	-
	Kot Addu Block 3	RLNG	249	51,690,100	1,847,367,929	51,543,744	1,898,911,673	-	-	-	-	1,847,367,929	51,543,744	1,898,911,673
		HSD		-	-	-	-	-	-	-	-	-	-	-
	KAPCO Total		1,336	645,767,900	21,377,974,234	464,517,233	21,842,491,467	-	(1,137,592)	(1,137,592)	-	21,377,974,234	463,379,641	21,841,353,875
	Hub Power	RFO	1,208	111,419,700	3,583,734,294	32,075,553	3,615,809,847	-	-	-	-	3,583,734,294	32,075,553	3,615,809,847
	Sub-Block Export	RFO	124	51,006,000	1,732,036,191	50,589,157	1,782,625,348	-	(7)	(7)	-	1,732,036,191	50,589,150	1,782,625,341

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of May 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.)
4	AES Lalpur	RFO	350	124,224,900	4,692,590,877	35,487,824	4,728,078,701	(493,430)	(116,005)	(609,435)	-	4,692,097,447	35,371,819	4,727,469,266
5	Pak Gen Power Limited	RFO	350	165,148,000	6,260,895,110	47,178,490	6,308,073,600	-	(187,044)	(187,044)	-	6,260,895,110	46,991,446	6,307,886,556
7	Habibullah	Gas	129	-	-	-	-	-	-	-	-	-	-	-
8	Fauji Kabirwala	Gas	151	77,028,610	2,626,071,556	96,065,490	2,722,137,046	-	-	-	-	2,626,071,556	96,065,490	2,722,137,046
9	Rousch	RLNG	395	110,131,168	3,657,015,023	51,149,127	3,708,164,150	-	-	-	-	3,657,015,023	51,149,127	3,708,164,150
10	Saba Power	RFO	126	33,679,185	1,262,076,939	9,625,511	1,271,702,450	(744,805)	(72,192)	(816,997)	-	1,261,332,134	9,553,319	1,270,885,453
12	Uch	Gas	549	372,826,000	3,374,087,479	165,944,853	3,540,042,332	-	(78,476)	(78,476)	-	3,374,087,479	165,866,377	3,539,963,856
13	Altarn	Gas	27	-	-	-	-	-	-	-	-	-	-	-
14	Liberty	Gas	212	142,190,100	2,037,404,249	78,157,501	2,115,561,750	-	-	-	-	2,037,404,249	78,157,501	2,115,561,750
16	Chashma Nuclear	Nucl.	300	221,913,000	270,445,373	-	270,445,373	-	-	-	-	270,445,373	-	270,445,373
17	Chashma Nuclear-II	Nucl.	315	227,253,000	256,568,637	-	256,568,637	-	-	-	-	256,568,637	-	256,568,637
18	Chashma Nuclear-III	Nucl.	340	231,527,000	285,056,042	-	285,056,042	-	-	-	-	285,056,042	-	285,056,042
19	Chashma Nuclear-IV	Nucl.	340	231,365,000	303,712,836	-	303,712,836	-	-	-	-	303,712,836	-	303,712,836
20	Karachi Nuclear Power Plant-Unit-2	Nucl.	1,140	213,640,000	193,643,296	-	193,643,296	-	-	-	-	193,643,296	-	193,643,296
21	Karachi Nuclear Power Plant-Unit-3	Nucl.	1,145	764,678,000	693,104,139	-	693,104,139	-	-	-	-	693,104,139	-	693,104,139
22	Tavanir Iran	Import	96	54,524,800	1,033,640,265	-	1,033,640,265	2,030,564	-	2,030,564	-	1,035,670,829	-	1,035,670,829
Sub-Total:				8,633	3,778,322,363	53,640,066,540	1,030,790,739	54,670,857,279	792,329	(1,591,316)	(798,987)	53,640,858,869	1,029,199,423	54,670,058,292
1	Attock-Gen	RFO	156	69,897,375	2,202,001,469	122,432,242	2,324,433,711	(1)	-	(1)	-	2,202,001,468	122,432,242	2,324,433,710
2	Atlas Power	RFO	214	98,412,262	3,108,784,309	170,253,213	3,279,037,522	-	-	-	-	3,108,784,309	170,253,213	3,279,037,522
3	Nishat Power	RFO	195	94,223,800	3,038,255,853	163,007,174	3,201,263,027	-	-	-	-	3,038,255,853	163,007,174	3,201,263,027
4	Foundation Power	Gas	171	36,776,421	255,156,544	26,269,458	281,426,002	(205,292)	(29,317)	(234,609)	-	254,951,252	26,240,141	281,191,393
5	Orient	RLNG	213	111,361,059	3,452,489,215	49,321,945	3,501,811,160	224,399,908	-	224,399,908	-	3,676,889,123	49,321,945	3,726,211,068
		HSD		113,698,513	411,271,826	-	411,271,826	-	-	-	-	411,271,826	-	411,271,826
6	Nishat Chumtan	RFO	196	98,393,270	3,088,112,136	169,816,945	3,257,929,081	15,761,146	0	15,761,146	-	3,103,873,282	169,816,945	

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of May 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.)
28	Tricon Boston-B	Wind	50	24,118,528	-	-	-	-	-	-	-	-	-	-
29	Tricon Boston-C	Wind	50	23,733,510	-	-	-	-	-	-	-	-	-	-
30	ZEPHYR Wind	Wind	50	26,831,645	-	-	-	-	-	-	-	-	-	-
31	Foundation Wind Energy-II (Pvt.) Limited	Wind	50	20,465,480	-	-	-	-	-	-	-	-	-	-
32	Master Green Energy Limited	Wind	50	22,013,300	-	-	-	-	-	-	-	-	-	-
33	Lucky Renewables (Private) Limited	Wind	50	23,700,980	-	-	-	-	-	-	-	-	-	-
34	ACT2 DIN Wind (Pvt) Ltd.	Wind	50	25,926,220	-	-	-	-	-	-	-	-	-	-
35	Artistic Wind Power (Pvt) Ltd.	Wind	50	25,282,120	-	-	-	-	-	-	-	-	-	-
36	Indus Wind Energy Ltd.	Wind	50	26,900,760	-	-	-	-	-	-	-	-	-	-
37	Lakeside Energy Limited	Wind	50	27,068,820	-	-	-	-	-	-	-	-	-	-
38	Liberty Wind Power-I Ltd.	Wind	50	25,053,640	-	-	-	-	-	-	-	-	-	-
39	DIN Energy Ltd.	Wind	50	24,621,810	-	-	-	-	-	-	-	-	-	-
40	Gul Ahmed Electric Limited	Wind	50	27,070,930	-	-	-	-	-	-	-	-	-	-
41	Zhenfa Pakistan New Energy Company Limit	Solar	50	22,282,700	-	-	-	-	-	-	-	-	-	-
42	Liberty Wind Power-II (Pvt.) Ltd.	Wind	100	19,165,790	-	-	-	-	-	-	-	-	-	-
43	NASDA Green Energy (Pvt) Limited	Wind	50	27,735,040	-	-	-	-	-	-	-	-	-	-
44	Metro Wind Power Limited	Wind	50	13,680,710	-	-	-	-	-	-	-	-	-	-
45	SPPs	Mixed	257	16,768,733	78,594,467	-	78,594,467	-	-	-	-	78,594,467	-	78,594,467
Sub-Total			2,643	885,790,190	78,594,467	-	78,594,467	-	-	-	-	78,594,467	-	78,594,467
G-Total:			39,427	14,656,889,807	192,784,470,608	4,943,200,202	197,727,670,810	6,507,932,357	93,997,596	6,601,929,953	-	199,292,402,965	5,037,197,798	204,329,600,763
Summary														
1	Hydel			3,590,821,276	-	299,616,377	299,616,377	-	27,094,107	27,094,107	-	-	326,710,484	326,710,484
2	Coal			2,018,494,700	36,372,000,517	1,005,509,396	37,377,509,913	(170,855,461)	93,264,042	(77,591,419)	-	36,201,145,056	1,098,773,438	37,299,918,494
3	HSD			28,475,717	857,048,052	1,651,458	858,699,510	-	-	-	-	857,048,052	1,651,458	858,699,510
4	F.O.			1,290,326,896	43,451,968,511	1,338,613,377	44,790,581,887	71,317,454	(29,069,233)	42,248,221	-	43,523,285,965	1,309,544,143	44,832,830,109
5	Gas			1,464,589,549	14,823,016,266	692,319,094	15,515,335,360	81,683,816	(107,793)	81,575,823	-	14,904,699,882	692,211,301	15,596,911,183
6	RLNG			3,355,230,929	93,697,506,730	1,542,054,388	95,239,561,118	5,895,299,153	(8,907,476)	5,886,391,677	-	99,592,805,883	1,533,148,912	101,125,952,795
6	Nuclear			1,890,376,000	2,002,530,323	-	2,002,530,323	-	-	-	-	2,002,530,323	-	2,002,530,323
7	Import from Iran			54,524,800	1,033,640,265	-	1,033,640,265	-	-	-	-	1,035,670,829	-	1,035,670,829
8	Wind Power			779,127,007	-	-	-	2,030,564	-	-	-	-	-	-
9	Solar			89,894,450	-	-	-	-	-	-	-	-	-	-
10	Bagasse			76,259,750	468,165,477	63,436,112	531,601,569	628,457,030	11,723,950	640,180,980	-	1,096,622,506	75,160,062	1,171,782,569
11	Mixed			16,768,733	78,594,467	-	78,594,467	-	-	-	-	78,594,467	-	78,594,467
Totals For The month				14,656,889,807	192,784,470,608	4,943,200,202	197,727,670,810	6,507,932,357	93,997,596	6,601,929,953	-	199,292,402,965	5,037,197,798	204,329,600,763
Prev. Adjustments :				(4,611,859)	-	-	-	-	-	-	-	-	-	-
GRAND TOTALS :				14,652,278,148	199,292,402,965	5,037,197,798	204,329,600,763	-	-	-	-	-	-	-

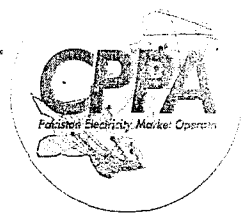
Energy Cost (Rs.)	199,292,402,965	5,037,197,798	204,329,600,763
Cost not chargeable to DISCOs (Rs.)	1,054,131,425	-	1,054,131,425
EPP (Chargeable) (Rs.)	198,238,271,540	5,037,197,798	203,275,469,338
Energy Sold (KWh)	14,264,946,029	14,264,946,029	14,264,946,029
Avg. Rate (Rs./KWh)	13.8969	0.3531	14.2500

Reference Rate (Rs./KWh)	5.9322
FCA Rate (Rs./KWh)	7.9647

CENTRAL POWER PURCHASING AGENCY (CPPA)
Detail Breakup of FCC Claimed
For the Month of May 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	36,776,421	6.6103	243,102,488	10,210,304	1,843,752	-	255,156,544
2	Orient Power Company (Private) Limited	RLNG	213	111,361,059	28.9864	3,227,953,522	100,712,150	123,823,543	-	3,452,489,215
3	Saif Power Limited	RLNG	204	105,911,928	28.8479	3,055,333,594	95,326,408	184,521,266	-	3,335,181,268
4	Engro Powergen Qadirpur Limited	Gas	213	91,729,035	10.3187	946,527,820	14,197,918	38,659,150	-	999,384,888
5	Sapphire Electric Company Limited	RLNG	203	104,982,840	29.0753	3,052,408,740	95,235,153	177,380,536	-	3,325,024,428
6	Halmore Power Generation Company Limited	RLNG	199	103,825,499	29.0226	3,013,290,821	92,809,357	116,986,264	-	3,223,086,442
7	Uch-II Power (Pvt.) Limited	Gas	381	259,236,264	7.6655	1,987,170,474	63,192,021	4,671,328	-	2,055,033,823
8	Quaid-e-Azam Thermal Power (Pvt) Limited	RLNG	1,180	636,256,200	24.0851	15,324,264,671	289,668,914	1,394,002,437	-	17,007,936,022
9	National Power Parks Management Company Private	RLNG	2,550	1,565,341,100	23.9100	37,427,276,597	706,387,627	1,752,735,372	-	39,886,399,596
10	Huaneng Shandong Ruyi Energy (Pvt) Ltd	Coal	1,320	383,966,300	28.5593	10,965,815,472	222,653,629	111,479,527	-	11,299,948,628
16	Port Qasim Electric Power Company (Pvt.) Limited	RLNG	1,320	367,385,600	23.3531	8,579,608,614	229,075,500		-	8,808,684,114
IPPs Total:-			6,634	3,766,772,246		87,822,752,813	1,919,468,981	3,906,103,175	-	93,648,324,969

Detail Of Energy Imported From Small Power Producers					
DISCO	Captive	Contract Capacity (MW)	Description	May, 2022	Rate (Rs./KWh)
MEPCO	Kumhar Wala Power House-I	5.00	Energy	1,174,433	
			Cost (Rs.)	-	
	DISCO's Total:-	5.00	Energy	1,174,433	
			Cost (Rs.)	-	-
HESCO	Thatta Power (Pvt.) Ltd.,	18.80	Energy	841,500.00	5.04
			Cost (Rs.)	4,241,117	
	Lucky Cement Factory Ltd., N-Abad	20.00	Energy	14,752,800	5.04
			Cost (Rs.)	74,353,351	
	DISCO's Total:-	56.80	Energy	15,594,300	5.04
			Cost (Rs.)	78,594,467	
G-Total		61.80	Energy	16,768,733	4.69
			Cost (Rs.)	78,594,467	



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

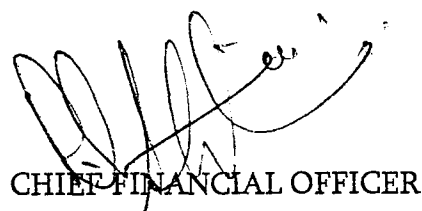
No. CPPA-G/2022/CFO/11977-78

Dated: July 15, 2022

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

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

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

Tariff Division Record

Dy No. 4/70

Dated. 18-7-22

For n/a
- ADGCT/1
- on F
copy-b:
19/7/22
Dirtt-1 (MTE)
cc: chairman
- m (MTE/CA)
- m (lic/T)
18-7-2022
1049
REGISTRAR

CERTIFICATE

FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

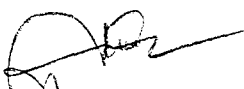
REGARDING 1994 POWER POLICY (HUBCO & KAPCO INCLUSIVE)

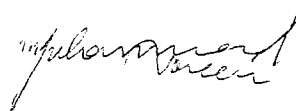
FOR THE MONTH OF JUNE 2022

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.

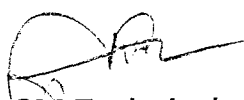

DGM Technical


DGMF-II (CPPA-G)

CERTIFICATE
FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF
REGARDING 2002 POWER POLICY
FOR THE MONTH OF JUNE 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)

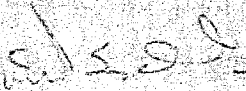
CERTIFICATE

Subject: MONTHLY FUEL CHARGES ADJUSTMENT OF DISCOS
FOR THE MONTH OF JUNE-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 JUNE-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, NTDO, 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 June 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.)
				A	B	C	D=B+C	E	F	G=E+F	H	I=B+E+H	J=C+F	K=I+J
1	Hydel													
	I. WAPDA	Hydel	6,902	2,221,634,198		189,796,145	189,796,145	-	-	-	-	-	189,796,145	189,796,145
	II. Jagan	Hydel	30	13,893,132		35,983,212	35,983,212	-	-	-	-	-	35,983,212	35,983,212
	III. Polure	Hydel	18					-	-	-	-	-		
	IV. Malakand-III SHYDO	Hydel	81	47,120,100		14,922,936	14,922,936	-	-	-	-	-	14,922,936	14,922,936
	V. Lataib	Hydel	84	35,089,740		10,870,801	10,870,801	-	-	-	-	-	10,870,801	10,870,801
	VI. Star Hydro	Hydel	147	78,135,200		14,408,131	14,408,131	-	2,251,946	2,251,946	-	16,660,077	16,660,077	16,660,077
	VII. Head Maralla	Hydel	8	2,474,072				-	-	-	-	-		
	VIII. Rectum Jhelum	Hydel	969	619,119,200				-	-	-	-	-		
	IX. Tarbela Ext. 4	Hydel	1,478					-	-	-	-	-		
	X. Mira Power Limited	Hydel	101	19,195,210		3,725,790	3,725,790	-	-	-	-	-	3,725,790	3,725,790
	XI. Darul Khwar	Hydel	37	21,000,880				-	-	-	-	-		
	XII. Karol Hydro Power	Hydel	720	298,284,200				-	-	-	-	-		
	XIII. Ranolla Hydro Power Complex	Hydel	17	5,265,970				-	-	-	-	-		
	Hydel Total:		10,592	3,361,211,902	-	269,707,015	269,707,015	-	2,251,946	2,251,946	-	271,958,961	271,958,961	271,958,961
2	Ex-WAPDA GENCOs													
	GENCO-I ***													
	Jamshoro Block 1	RFO	182	30,768,000	1,334,427,699	2,846,040	1,337,273,739	-	-	-	-	1,334,427,699	2,846,040	1,337,273,739
	Unit 1	Gas						-	-	-	-			
	Jamshoro Block 2		464					-	-	-	-			
	Unit-2	RFO		(234,998)	(11,469,642)	(21,737)	(11,491,379)	-	-	-	-	(11,469,642)	(21,737)	(11,491,379)
		Gas						-	-	-	-			
	Unit-3	RLNG						-	-	-	-			
		RFO		(235,001)	(11,160,700)	(21,738)	(11,182,438)	-	-	-	-	(11,160,700)	(21,738)	(11,182,438)
		Gas						-	-	-	-			
	Unit-4	RLNG						-	-	-	-			
		Gas						-	-	-	-			
	Unit-4	RLNG						-	-	-	-			
		Gas						-	-	-	-			
	Kotri 3-7	RFO	0	15,844,999	728,683,559	1,465,662	730,149,221	4,350,926	(348,540)	4,002,386	-	733,034,485	1,117,122	734,151,607
	Jamshoro Block 4	Gas						-	-	-	-			
	Jamshoro Total		646	46,143,000	2,040,480,916	4,268,228	2,044,749,144	4,350,926	(348,540)	4,002,386	-	2,044,831,842	3,915,688	2,048,751,530
	GENCO-II ***													
	Guddu CC Block 1 (CC)	Gas	390	301,139,071	2,397,938,015	20,748,482	2,418,686,497	(106,521)	(637,669)	(744,190)	-	2,397,831,495	20,110,813	2,417,942,307
	Central Block 2 (CC)	Gas		60,097,178	439,472,634	4,140,696	443,613,330	-	-	-	-	439,472,634	4,140,696	443,613,330
	Guddu (CC) Block-2	Gas	530	241,041,893	1,958,465,361	16,607,786	1,975,073,167	(106,521)	(637,669)	(744,190)	-	1,958,358,861	15,970,117	1,974,328,978
	Block 3 (unit 3&4)	Gas						-	-	-	-			
	Guddu 747 (CC)	Gas	721	244,200,000	1,617,284,768	161,562,720	1,778,847,480	(2,056,378)	(2,056,378)	(2,056,378)	-	1,615,228,382	161,562,720	1,776,791,102
	Central Total		1,641	545,239,071	4,015,222,775	182,371,202	4,197,533,977	(2,162,899)	(637,669)	(2,800,568)	-	4,012,059,877	181,673,533	4,193,733,409
	GENCO-III ***													
	Northern Block 1			72,640,179	3,255,926,073	14,873,786	3,270,799,859	-	(1,351,592)	(1,351,592)	-	3,255,926,073	13,522,194	3,269,448,267
	Unit 1	RFO						-	-	-	-			
	Unit 2	RFO	556	23,251,161	1,058,532,356	4,712,993	1,063,245,349	-	(1,351,592)	(1,351,592)	-	1,058,532,356	3,361,401	1,061,893,757
	Unit 3	RFO		(947,760)	(43,732,205)		(43,732,205)	-	-	-	-	(43,732,205)		(43,732,205)
	Unit 1	Gas		50,803,966	2,263,174,435	10,160,793	2,273,335,228	-	-	-	-	2,263,174,435	10,160,793	2,273,335,228
	Unit 2	Gas						-	-	-	-			
	Unit 3	Gas						-	-	-	-			
	Unit 1	RLNG						-	-	-	-			
	Unit 2	RLNG						-	-	-	-			
	Unit 3	RLNG						-	-	-	-			
	Unit 3	RLNG						-	-	-	-			
	Northern Block 2		272					-	-	-	-			
	Block-2 Unit 4	RFO		(108,108)	(4,808,742)	-	(4,808,742)	-	-	-	-	(4,808,742)	-	(4,808,742)
	Block-2 Unit 4	Gas						-	-	-	-			
	Block-2 Unit 4	RLNG						-	-	-	-			
	Northern Block 3							-	-	-	-			
	Block-3 Unit 5	RFO		(179,540)	(8,503,588)	-	(8,503,588)	-	-	-	-	(8,503,588)	-	(8,503,588)
	Block-3 Unit 5	Gas	355					-	-	-	-			
	Block-3 Unit 5	RLNG						-	-	-	-			
	Block-3 Unit 6	RFO		(179,540)	(8,736,183)	-	(8,736,183)	-	-	-	-	(8,736,183)	-	(8,736,183)
	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	280,302,000	8,464,725,207	209,637,866	8,674,363,073	-	-	-	-	8,464,725,207	209,637,866	8,674,363,073
	Northern Total:		1,884	352,942,179	11,720,651,280	224,511,652	11,945,162,932	-	(1,351,592)	(1,351,592)	-	11,720,651,280	223,160,060	11,943,811,340
	GENCO-IV LAKHRA													
	Coal		31					-	-	-	-			
	Sub-Total:		31					-	-	-	-			
	GENCOs Total:-		4,202	944,424,250	17,776,354,971	411,091,081	18,187,446,052	2,188,028	(2,337,801)	(149,773)	-	17,778,542,999	408,753,281	18,187,296,279
3	IPP													
	Kot Addu Block 1		325											
	RLNG			149,864,177	4,795,258,564	114,971,981	4,910,230,545	4,933,899,461	-	4,933,899,461	-	9,729,158,025	114,971,981	9,844,130,006
	RLNG			61,235,447	1,927,514,326	27,082,734	1,954,597,060	-	-	-	-	1,927,514,326	27,082,734	1,954,597,060
	Kot Addu Block 2		762											
	RLNG			146,234,427	5,127,425,202	157,918,125	5,285,343,327	-	-	-	-	5,127,425,202	157,918,125	5,285,343,327
	RLNG			207,090,665	7,055,970,703	107,133,951	7,163,104,654	-	-	-	-	7,055,970,703	107,133,951	7,163,104,654
	Kot Addu Block 3		249											
	RLNG			22,377,284	785,135,498	22,274,041	807,409,539	-	(1,713,297)	(1,713,297)	-	785,135,498	20,560,744	805,696,242
	RLNG							-	-	-	-			
	KAPCO Total		1,336	586,762,000	19,891,304,293	429,380,832	20,120,685,125	4,933,899,461	(1,713,297)	4,932,186,164	-	24,625,202,754	427,667,535	25,052,871,289
	Hulu Power	RFO	1,208	129,073,500	4,995,848,702	37,157,735	5,033,006,437	-	-	-	-	4,995,848,702	37,157,735	5,033,006,437
	Koldinor Energy	RFO	124	44,949,000	1,571,428,430	44,581,658	1,616,010,088	(1)	(8)	(9)	-	1,571,428,429	44,581,658	1,616,010,079
	AES Lalpiti	RFO	350	145,159,000	5,643,689,744	41,468,152	5,685,157,896	(38)	(238,048)	(238,086)	-	5,643,689,706	41,230,104	5,684,919,810
	Pak Gun Power Limited	RFO	350	157,051,900	6,113,611,610	44,865,644	6,158,477,254	(14)	(225,736)	(225,750)	-	6,113,611,596	44,639,908	6,158,251,504

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of June 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.)
7	Habibullah	Gas	129								46,403,038	46,403,038		46,403,038
8	Fauji Kahrizwa	Gas	151	21,075,720	737,579,605	26,284,381	763,863,986					737,579,605	26,284,381	763,863,986
9	Rouach	RLNG	395	116,359,855	3,826,784,241	54,041,968	3,880,826,209	(0)	(858)	(858)		3,826,784,241	54,041,110	3,880,825,351
10	Saba Power	RFO	126	28,280,600	1,073,613,210	8,053,741	1,081,666,951	(25,057,510)	(60,094)	(25,117,604)		1,048,555,700	7,993,647	1,056,549,347
12	Uch	Gas	549	345,714,000	3,159,825,922	153,877,301	3,313,703,223		(75,474)			3,159,825,922	153,801,827	3,313,627,749
13	Alfari	Gas	27											
14	Liberty	Gas	212	131,910,800	1,883,086,397	72,507,288	1,955,595,685	1	(12,172)	(12,171)		1,883,086,398	72,495,116	1,955,581,514
16	Chashma Nuclear	Nucl.	300	214,313,000	261,163,253	261,163,253						261,163,253		261,163,253
17	Chashma Nuclear-II	Nucl.	315	209,363,000	236,393,407	236,393,407						236,393,407		236,393,407
18	Chashma Nuclear-III	Nucl.	340	221,368,000	272,572,906	272,572,906						272,572,906		272,572,906
19	Chashma Nuclear-IV	Nucl.	340	222,667,000	292,294,971	292,294,971		149,062,065		149,062,065		441,357,036		441,357,036
20	Kasachi Nuclear Power Plant-Unit-2	Nucl.	1,140											
21	Kasachi Nuclear Power Plant-Unit-3	Nucl.	1,145	397,915,000	360,670,156	360,670,156						360,670,156		360,670,156
22	Tavanir Iran	Import	96	51,493,800	1,007,733,666		1,007,733,666	2,467,811		2,467,811		1,010,201,477		1,010,201,477
Sub-Total:				8,633	3,023,406,175	51,127,622,513	912,218,700	5,060,371,774	(2,325,687)	5,058,046,087	46,403,038	56,234,397,325	909,893,013	57,144,290,338
1	Attock Gen	RFO	156	74,114,488	2,317,111,678	120,818,939	2,446,930,617	212,470,350	(1,051)	212,469,298		2,529,582,028	129,817,888	2,659,399,916
2	Atlas Power	RFO	214	95,378,793	3,318,981,701	165,005,312	3,483,987,013	15,066,252	(4,651)	15,061,600		3,334,047,952	165,000,661	3,499,048,613
3	Nishat Power	RFO	195	90,699,840	3,062,126,368	156,910,723	3,219,037,091	17,094,020	(65)	17,093,955		3,079,220,389	156,910,658	3,236,131,046
4	Foundation Power	Gas	171	108,389,796	753,589,498	77,657,614	831,247,112					753,589,498	77,657,614	831,247,112
5	Orient	HSD	213	115,482,529	3,610,757,615	51,147,210	3,661,904,825	(18,529,669)	(1,099)	(18,530,768)		3,592,227,946	51,146,111	3,643,374,057
6	Nishat Chunian	RFO	196	84,159,700	3,222,455,661	162,510,226	3,384,965,887	27,330,568	0	27,330,568		3,249,786,229	162,510,226	3,412,296,455
7	Saif Power	RLNG	204	114,581,415	3,570,313,803	86,337,096	3,656,650,899	(4,871,650)		(4,871,650)		3,665,442,153	86,337,096	3,651,779,249
		HSD						172,967,553		172,967,553		172,967,553		172,967,553
8	Engro Energy	Gas	213	79,508,946	693,294,072	50,370,673	743,664,745	(28,065,507)		(28,065,507)		665,228,565	50,370,673	715,599,238

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of June 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.)
32	Master Green Energy Limited	Wind	50	23,935,820	-	-	-	-	-	-	-	-	-	-
33	Lucky Renewables (Private) Limited	Wind	50	25,032,120	-	-	-	-	-	-	-	-	-	-
34	ACT2 DIN Wind (Pvt) Ltd.	Wind	50	25,581,560	-	-	-	-	-	-	-	-	-	-
35	Artistic Wind Power (Pvt) Ltd.	Wind	50	24,882,600	-	-	-	-	-	-	-	-	-	-
36	Indus Wind Energy Ltd.	Wind	50	26,615,760	-	-	-	-	-	-	-	-	-	-
37	Lakeside Energy Limited	Wind	50	25,298,800	-	-	-	-	-	-	-	-	-	-
38	Liberty Wind Power-I Ltd.	Wind	50	23,598,180	-	-	-	-	-	-	-	-	-	-
39	DIN Energy Ltd.	Wind	50	24,149,450	-	-	-	-	-	-	-	-	-	-
40	Gul Ahmed Electric Limited	Wind	50	25,966,230	-	-	-	-	-	-	-	-	-	-
41	Zhenfa Pakistan New Energy Company Limit	Solar	50	22,175,000	-	-	-	-	-	-	-	-	-	-
42	Liberty Wind Power-II (Pvt.) Ltd.	Wind	100	23,648,790	-	-	-	-	-	-	-	-	-	-
43	NASDA Green Energy Limited	Wind	50	25,496,730	-	-	-	-	-	-	-	-	-	-
44	Metro Wind Power Limited	Wind	50	33,779,730	-	-	-	-	-	-	-	-	-	-
45	SPPs	Mixed	257	9,865,250	46,406,333	-	46,406,333	-	-	-	-	46,406,333	-	46,406,333
Sub-Total			2,643	907,730,035	46,406,333	-	46,406,333	-	-	-	-	46,406,333	-	46,406,333
G-Total:			39,427	13,876,142,504	204,236,728,857	4,989,656,699	209,226,385,556	10,430,434,730	28,051,132	10,458,485,862	46,403,038	214,713,566,624	5,017,707,831	219,731,274,456
Summary														
1	Hydel			3,361,211,902	-	269,707,015	269,707,015	-	2,251,946	2,251,946	-	-	271,958,961	271,958,961
2	Coal			1,883,126,500	39,183,458,994	1,027,628,806	40,211,087,801	1,082,938,499	15,954,481	1,098,892,980	-	40,266,397,494	1,043,583,287	41,309,980,780
3	ISD			-	-	-	-	282,057,042	-	282,057,042	-	282,057,042	-	282,057,042
4	F.O.			1,454,041,659	52,639,793,353	1,392,034,163	54,031,827,516	5,456,668,497	(2,231,049)	5,454,437,447	-	58,096,461,849	1,389,803,114	59,486,264,963
5	Gas			1,479,323,279	13,205,102,088	865,743,274	13,870,845,362	(30,228,405)	(725,315)	(30,953,720)	46,403,038	13,221,276,721	665,017,959	13,886,294,680
6	RLNG			3,390,537,318	96,234,525,278	1,565,233,463	97,799,758,740	3,487,469,221	(1,728,329)	3,485,742,892	-	99,721,994,499	1,563,507,134	101,285,501,633
6	Nuclear			1,265,666,000	1,423,114,693	-	1,423,114,693	149,062,065	-	149,062,065	-	1,572,176,758	-	1,572,176,758
7	Import from Iran			51,493,800	1,007,733,666	-	1,007,733,666	2,467,811	-	2,467,811	-	1,010,201,477	-	1,010,201,477
8	Wind Power			811,593,115	-	-	-	-	-	-	-	-	-	-
9	Solar			86,271,670	-	-	-	-	-	-	-	-	-	-
10	Bio-gas			83,012,011	498,594,452	69,309,978	565,904,430	(0)	14,527,399	14,527,399	-	496,594,452	83,837,377	580,431,829
11	Mixed			9,865,250	46,406,333	-	46,406,333	-	-	-	-	46,406,333	-	46,406,333
Totals For The month				13,876,142,504	204,236,728,857	4,989,656,699	209,226,385,556	10,430,434,730	28,051,132	10,458,485,862	46,403,038	214,713,566,624	5,017,707,831	219,731,274,456
Prev. Adjustments :				(439,086)	10,476,837,768	28,051,132	10,504,888,900	-	-	-	-	-	-	-
GRAND TOTALS :				13,875,703,418	214,713,566,624	5,017,707,831	219,731,274,456	-	-	-	-	-	-	-

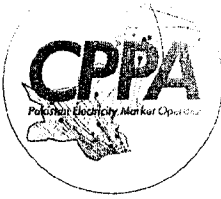
Energy Cost (Rs.)	214,713,566,624	5,017,707,831	219,731,274,456
Cost not chargeable to DISCOs (Rs.)	1,279,780,603	-	1,279,780,603
EPP (Chargeable) (Rs.)	213,433,786,021	5,017,707,831	218,451,493,853
Energy Sold (KWh)	13,471,048,357	13,471,048,357	13,471,048,357
Avg. Rate (Rs./KWh)	15.8439	0.3725	16.2164

Reference Rate (Rs./KWh)	5.9344
FCA Rate (Rs./KWh)	9.9095

CENTRAL POWER PURCHASING AGENCY (CPPA)
Detail Breakup of FCC Claimed
For the Month of June 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	108,399,796	6.6297	718,658,129	30,183,641	4,747,728	-	753,589,498
2	Orient Power Company (Private) Limited	RLNG	213	115,482,529	29.5253	3,409,656,321	106,381,277	94,720,017	-	3,610,757,615
3	Saif Power Limited	RLNG	204	114,581,415	29.5280	3,383,360,008	69,328,122	117,625,644	-	3,570,313,775
4	Engro Powergen Qadirpur Limited	Gas	213	79,508,946	7.9168	629,454,168	9,441,812	54,398,092	-	693,294,072
5	Sapphire Electric Company Limited	RLNG	203	116,012,020	29.5253	3,425,289,680	106,869,024	109,776,608	-	3,641,935,312
6	Halmore Power Generation Company Limited	RLNG	199	108,326,203	29.5270	3,198,547,796	98,515,272	73,472,655	-	3,370,535,723
7	Uch-II Power (Pvt.) Limited	Gas	381	247,374,946	7.6673	1,896,701,983	62,591,165	3,208,671	-	1,962,501,819
8	Quaid-e-Azam Thermal Power (Pvt) Limited	RLNG	1,180	666,833,000	24.5396	16,363,815,087	324,003,539	1,226,058,501	-	17,913,877,127
9	National Power Parks Management Company Private	RLNG	2,550	1,513,462,900	24.3946	36,920,321,228	704,919,548	1,800,280,407	-	39,425,521,183
16	Port Qasim Electric Power Company (Pvt.) Limited	RLNG	1,320	325,737,000	24.6927	8,043,338,214	174,510,317			8,217,848,531
IPPs Total:-			6,634	3,395,718,755		77,989,142,615	1,686,743,717	3,484,288,323	-	83,160,174,655

Detail Of Energy Imported From Small Power Producers					
DISCO	Captive	Contract Capacity (MW)	Description	June, 2022	Rate (Rs./KWh)
MEPCO	Kumhar Wala Power House-I	5.00	Energy	657,550	
			Cost (Rs.)	-	
	DISCO's Total:-	5.00	Energy	657,550	-
			Cost (Rs.)	-	
HESCO	Thatta Power (Pvt.) Ltd.,	18.80	Energy	812,500.00	5.04
			Cost (Rs.)	4,094,958	
	Lucky Cement Factory Ltd., N-Abad	20.00	Energy	8,395,200	5.04
			Cost (Rs.)	42,311,375	
	DISCO's Total:-	56.80	Energy	9,207,700	5.04
			Cost (Rs.)	46,406,333	
G-Total		61.80	Energy	9,865,250	4.70
			Cost (Rs.)	46,406,333	



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/13899-00

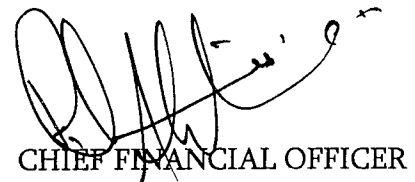
The Registrar NEPRA
NEPRA Tower Ataturk Avenue (East),
Sector G-5/1, Islamabad.

Dated: August 15, 2022

FW w/o En. a P
- ADG (CT)
copy to
- SA (MRE)
- Cms. (Tech)
- n.p.
17/8/22
cc. Chairman
NA (MRE/CD)
NA (LIC/T)
17/8/22
D.H.

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

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

REGISTRAR

8115

Dated: 17/8/22

CC:

✓
✓

Chief Executive Officer, CPPA-G.
Master File

Tariff Division Receipt

Dy No. 4779

Dated: 17-8-22



CERTIFICATE

FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

REGARDING 1994 POWER POLICY (HUBCO & KAPCO INCLUSIVE)

FOR THE MONTH OF JULY 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

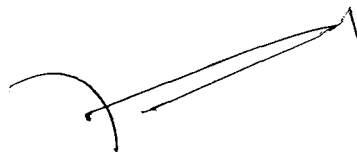
FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

REGARDING 2002 POWER POLICY

FOR THE MONTH OF JULY 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)



National Transmission & Despatch Company Ltd.

General Manager (System Operation) NPCC

No. 13315 /GM (SO)/NPCC/DDPC-1/CPPA

Dated: 15/08/2022

Chief Technical Officer
CPPA-G, Shaheen Plaza, Blue Area,
Islamabad.

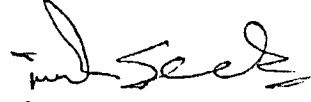
Attention: DG (I.T), CPPA-G

Subject: CERTIFICATE AS PER AUTHORITY DIRECTIONS FOR THE
MONTH OF JULY-2022.

Reference: Your office letter # GM/CPPA/IT/3106 dated 08th April 2015

Enclosed please find herewith the certificate as required through above referred letter.

D.A/As Above

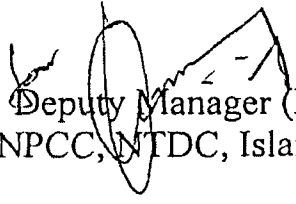

Chief Engineer (Network Operation)
NPCC, NTDC, Islamabad.

National Power Control Center NTDC H-8/I Islamabad Phone No. 051-8311557 Fax No. 051-9250851

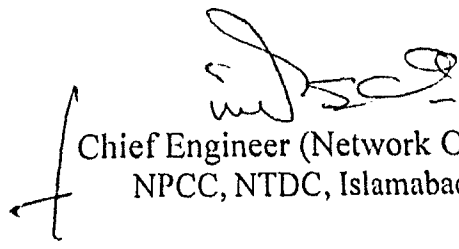
CERTIFICATE

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

National Power Control Center NTDC H-8/1 Islamabad Phone No. 051-8311557 Fax No. 051-9250851

For the Month of July 2022

S.No.	Power Producers	Fuel	Dep. Capacity (MW)	Energy KWh	Fuel Charges Rs.	VOAM Charges Rs.	EPB Billing month (Rs.)	Prev. Adjustment in Fuel (Rs.)	Prev. Adjustment in (Rs.)	Prev. Adjustment in EPB Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VOAM Rs.	Total Energy Cost (Rs.)
7	Hobubliha	Gas	120	5,530,530	163,801,812	7,927,994	171,729,806	19,655,665	(37,601)	19,618,064	-	193,457,477	7,890,393	191,347,870
8	Fauji Kutchhala	RLNG	151	39,356,934	1,111,577,584	21,009,074	1,132,586,658	-	(20,020)	1,132,566,638	-	1,132,566,638	20,999,554	1,153,566,192
9	Rouch	Pro	395	12,801,664	488,228,581	4,183,944	492,412,165	(53,863)	(53,863)	488,228,581	-	488,228,581	4,199,721	492,428,302
10	Saba Power	Gas	126	346,943,000	3,682,378,946	176,871,541	3,859,250,487	(74,566)	(74,566)	3,859,250,487	-	3,859,250,487	176,796,975	4,036,047,462
11	Uch	Gas	549	-	-	-	-	-	-	-	-	-	-	-
12	Alamir	Gas	27	133,954,300	2,950,471,087	84,347,191	3,034,818,288	-	(30,639)	3,034,787,649	-	3,034,787,649	84,316,543	3,119,104,192
13	Liberty	Niel	300	221,736,000	270,229,663	257,986,661	270,229,663	-	-	270,229,663	-	270,229,663	257,986,661	528,216,324
14	Chattampi Nuclear	Niel	315	228,509,000	257,986,661	-	279,622,757	-	-	279,622,757	-	279,622,757	-	528,216,324
17	Chattampi Nuclear-II	Niel	340	222,114,000	301,432,676	-	301,432,676	-	-	301,432,676	-	301,432,676	-	528,216,324
18	Chattampi Nuclear-III	Niel	340	228,628,000	315,105,428	-	315,105,428	-	-	315,105,428	-	315,105,428	-	528,216,324
19	Chattampi Nuclear-IV	Niel	1,140	347,645,000	684,249,518	-	684,249,518	-	-	684,249,518	-	684,249,518	-	1,372,464,036
20	Kerach Nuclear Power Plant-Unit-2	Niel	1,145	754,909,000	1,063,620,471	-	1,063,620,471	-	-	1,063,620,471	-	1,063,620,471	-	2,127,240,942
21	Kerach Nuclear Power Plant-Unit-3	Niel	1,145	754,909,000	1,063,620,471	-	1,063,620,471	-	-	1,063,620,471	-	1,063,620,471	-	2,127,240,942
22	Thermal Tar	Import	96	46,572,400	30,419,344,027	684,513,316	31,103,857,343	276,844,491	(2,695,507)	274,148,984	-	30,690,192,819	681,817,890	31,372,010,709
1	Arco-Gen	RPO	8,533	3,118,933,026	1,426,866,398	86,118,059	1,512,978,387	9,645,734	(180,561,779)	1,494,416,608	-	1,494,416,608	9,645,734	1,504,062,342
2	Alta Power	RPO	214	54,834,760	1,953,392,954	94,864,335	2,048,257,289	26,585,923	(0)	2,048,257,289	-	2,048,257,289	94,864,335	2,143,121,624
3	Nihari Power	RPO	196	95,833,775	3,405,815,224	187,738,955	3,493,554,179	15,153,423	(1,019)	3,492,534,760	-	3,492,534,760	15,153,423	3,507,688,183
4	Foundation Power	Gas	171	113,766,828	754,238,620	92,606,936	846,844,556	(365,370)	-	846,479,186	-	846,479,186	92,606,936	937,086,122
5	Orient	RLNG	213	99,595,777	3,135,769,928	51,102,597	3,186,872,525	(11,336,503)	-	3,175,536,022	-	3,175,536,022	51,102,597	3,226,641,619
6	Nihari Chulhan	RPO	196	57,793,046	1,918,963,417	99,745,018	2,018,728,435	13,155,931	-	2,018,728,435	-	2,018,728,435	13,155,931	2,031,864,366
7	Sai Power	RLNG	204	86,831,228	2,699,330,616	86,337,996	2,785,667,712	(86,328)	-	2,785,581,384	-	2,785,581,384	86,337,996	2,871,919,380
8	Engo Energy	Gas	213	77,383,632	551,280,994	56,946,016	608,127,010	(563,451)	-	607,563,559	-	607,563,559	56,946,016	664,509,575
9	Saptha Power	RLNG	203	70,567,810	2,341,923,088	86,440,556	2,428,363,644	2,766,168	(7)	2,428,356,477	-	2,428,356,477	86,440,556	2,514,712,933
10	Hudco Harrowal	RPO	214	46,343,270	1,560,769,864	69,867,114	1,730,636,978	16,426,151	(7)	1,730,620,552	-	1,730,620,552	16,426,151	1,747,046,703
11	Liberty Power (Pvt.) Ltd	RPO	196	70,676,027	2,354,238,347	133,259,649	2,487,497,995	12,761,155	(1,203)	2,486,296,792	-	2,486,296,792	12,761,155	2,509,057,947
12	Nahrore	RLNG	199	49,489,243	1,575,714,189	81,992,103	1,657,706,272	(1,404,112)	-	1,656,302,160	-	1,656,302,160	81,992,103	1,738,294,263
13	Uch-II	Gas	381	250,427,251	2,188,373,310	118,176,620	2,306,549,930	(289,775,174)	-	2,306,269,755	-	2,306,269,755	118,176,620	2,424,436,375
14	JDW-I	Bagasse	26	17,033,900	101,900,197	13,956,078	115,856,275	-	-	115,856,275	-	115,856,275	-	115,856,275
15	JDW-II	Bagasse	26	16,081,340	96,201,792	13,857,710	110,059,602	-	-	110,059,602	-	110,059,602	-	110,059,602
16	RYR	Bagasse	74	7,294,100	43,634,765	5,661,880	49,296,645	-	-	49,296,645	-	49,296,645	-	49,296,645
17	Chitroi Power	Bagasse	62	199,940	1,196,081	155,193	1,351,274	0	2,003,007	2,003,007	-	2,003,007	-	2,003,007
19	Hanza Sugar Mills	Bagasse	15	-	-	17,759	154,625	-	-	154,625	-	154,625	-	154,625
21	Alumina Industries Limited	Bagasse	36	22,819	136,867	17,759	142,118	-	-	142,118	-	142,118	-	142,118
22	Chattampi Energy Limited	Bagasse	22	413,103,100	11,198,038,526	231,710,138	12,019,748,662	(10)	-	12,019,738,652	-	12,019,738,652	-	12,019,738,652
23	Chattampi Energy Limited	Bagasse	1,320	413,103,100	11,198,038,526	231,710,138	12,019,748,662	(10)	-	12,019,738,652	-	12,019,738,652	-	12,019,738,652
24	Energy Super Mills	Bagasse	41	393,105,800	4,395,085,875	432,429,596	4,827,515,473	(126,128)	2,434,708	2,434,708	-	4,827,515,473	2,434,708	5,262,230,181
25	DAFL	RLNG	1,180	230,650,831	6,314,941,027	176,471,901	6,491,412,928	(26,599,663)	(6,390)	6,485,013,238	-	6,485,013,238	(26,599,663)	6,511,612,901
26	Havell Bhambur Shah	RLNG	1,180	50,075,469	1,432,619,154	22,894,504	1,455,513,658	-	-	1,455,513,658	-	1,455,513,658	-	1,455,513,658
27	Havell Bhambur Shah	RLNG	1,180	50,075,469	1,432,619,154	22,894,504	1,455,513,658	-	-	1,455,513,658	-	1,455,513,658	-	1,455,513,658
28	Havell Bhambur Shah	RLNG	1,180	50,075,469	1,432,619,154	22,894,504	1,455,513,658	-	-	1,455,513,658	-	1,455,513,658	-	1,455,513,658
29	Havell Bhambur Shah	RLNG	1,180	50,075,469	1,432,619,154	22,894,504	1,455,513,658	-	-	1,455,513,658	-	1,455,513,658	-	1,455,513,658
30	Havell Bhambur Shah	RLNG	1,180	50,075,469	1,432,619,154	22,894,504	1,455,513,658	-	-	1,455,513,658	-	1,455,513,658	-	1,455,513,658
31	Lucky Electric Power Company Limited	Coal	1,320	276,310,500	3,557,000,329	4,511,627,348	8,068,627,677	-	-	8,068,627,677	-	8,068,627,677	-	8,068,627,677
32	Punjab Thermal Power (Private) Limited	Coal	1,320	276,310,500	3,557,000,329	4,511,627,348	8,068,627,677	-	-	8,068,627,677	-	8,068,627,677	-	8,068,627,677
33	The Energy Limited	Coal	330	2,874,200	708,574,595,575	2,846,044,572	711,422,640,147	478,507,550	(788,130,278)	292,377,272	-	711,422,640,147	292,377,272	711,715,017,420
4	Others	Gas	25	8,514,327	-	-	-	-	-	-	-	-	-	-
1	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
2	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
3	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
4	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
5	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
6	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
7	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
8	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
9	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
10	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
11	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
12	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
13	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
14	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
15	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
16	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
17	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
18	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
19	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
20	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
21	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
22	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
23	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
24	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
25	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
26	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
27	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
28	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
29	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-
30	TFS-Qentia	Wind	56	9,418,820	-	-	-	-	-	-	-	-	-	-

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

S.No.	Power Producers	Fuel	Dep. Capacity (MW)	Energy KWh	Fuel Charges Rs.	VOCA Change Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in VOCA (Rs.)	Prev. Adjustment in EPP Total Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VOCA Rs.	Total Energy Cost (Rs.)
31	Foundation Wind Energy (Pvt.) Limited	Wind	50	12,959,360	-	-	-	-	-	-	-	-	-	-
32	Master Green Energy Limited	Wind	50	17,340,050	-	-	-	-	-	-	-	-	-	-
33	Lucky Renewables (Private) Limited	Wind	50	17,006,530	-	-	-	-	-	-	-	-	-	-
34	ACT2 DNN Wind (Pvt) Ltd.	Wind	50	16,641,110	-	-	-	-	-	-	-	-	-	-
35	Artistic Wind Power (Pvt) Ltd.	Wind	50	15,877,890	-	-	-	-	-	-	-	-	-	-
36	Indus Wind Energy Ltd.	Wind	50	16,694,580	-	-	-	-	-	-	-	-	-	-
37	Lakeside Energy Limited	Wind	50	16,961,410	-	-	-	-	-	-	-	-	-	-
38	Liberty Wind Power Ltd.	Wind	50	15,450,910	-	-	-	-	-	-	-	-	-	-
39	DNN Energy Ltd.	Wind	50	15,403,940	-	-	-	-	-	-	-	-	-	-
40	Gul Ahmed Electric Limited	Solar	50	17,152,460	-	-	-	-	-	-	-	-	-	-
41	Zhena Pakistan New Energy Company Limit	Solar	50	17,429,800	-	-	-	-	-	-	-	-	-	-
42	Liberty Wind Power (Pvt.) Ltd.	Wind	100	15,602,860	-	-	-	-	-	-	-	-	-	-
43	NASDA Green Energy Limited	Wind	50	17,355,980	-	-	-	-	-	-	-	-	-	-
44	Metro Wind Power Limited	Wind	50	23,145,150	-	-	-	-	-	-	-	-	-	-
45	SPs	Mixed	257	16,924,254	80,503,096	-	80,503,096	-	-	-	-	80,503,096	-	80,503,096
Sub-Total				2,643	80,503,096	-	80,503,096	-	-	-	-	80,503,096	-	80,503,096
G-1 Total:				39,760	14,150,914,898	151,545,872,214	4,623,670,375	752,370,232	(189,779,670)	562,590,563	-	152,286,242,447	4,433,890,705	156,712,133,152
1	Hydel			4,976,931,717	-	711,230,303	711,230,303	-	(953,885)	(953,885)	-	710,276,418	-	710,276,418
2	Coal			1,802,987,700	36,435,974,110	953,311,366	37,389,285,476	1,431,331,268	2,161,550	1,433,492,818	-	37,867,311,378	955,472,515	38,822,784,294
3	HEB			205,975,422	5,744,300,357	80,586,492	5,824,886,849	(274,416,525)	-	(274,416,525)	-	4,489,868,632	80,586,492	4,570,455,124
4	F.O.			876,975,566	31,304,650,299	1,070,407,709	32,315,452,009	356,788,685	(192,612,425)	163,977,260	-	31,061,535,984	811,989,244	32,873,425,228
5	Gas			1,466,405,616	14,603,214,198	803,137,386	15,406,349,584	(102,683,666)	(151,506)	(102,835,172)	-	14,303,428,532	803,985,880	15,107,414,412
6	NUO			2,119,550,447	59,961,915,279	1,030,952,598	60,992,867,877	(658,456,427)	(26,410)	(658,482,837)	-	59,303,428,041	1,030,926,188	60,334,354,229
7	Nuclear			2,009,544,000	2,108,626,703	-	2,108,626,703	-	-	-	-	2,108,626,703	-	2,108,626,703
8	Import from Iran			46,572,400	1,063,620,471	-	1,063,620,471	(103)	-	(103)	-	1,063,517,368	-	1,063,517,368
9	Solar			518,503,237	-	-	-	-	-	-	-	-	-	-
10	Basque			70,772,370	-	-	-	-	-	-	-	-	-	-
11	Mixed			40,632,159	243,069,702	33,648,521	276,718,222	0	2,003,007	2,003,007	-	243,069,702	35,651,527	278,721,229
Totals For The month				14,150,914,898	151,545,872,214	4,623,670,375	156,169,542,589	752,370,232	(189,779,670)	562,590,563	-	152,286,242,447	4,433,890,705	156,712,133,152
Prev. Adjustments :				(13,933,340)	752,370,232	(139,779,670)	562,590,563	-	-	-	-	-	-	-
GRAND TOTALS :				14,136,981,558	152,298,242,447	4,433,890,705	156,732,133,152	-	-	-	-	152,286,242,447	4,433,890,705	156,712,133,152

Energy Cost (Rs.)	152,298,242,447	4,433,890,705	156,732,133,152
Cost not chargeable to DISCOs (Rs.)	1,164,965,679	-	1,164,965,679
EPP (Chargeable) (Rs.)	151,133,276,768	4,433,890,705	155,567,167,473
Energy Sold (KWh)	13,760,317,812	13,760,317,812	13,760,317,812
Avg. Rate (Rs./KWh)	10.9833	0.3222	11.3055
Reference Rate (Rs./KWh)	6.2879	-	-
FCR Rate (Rs./KWh)	4.6954	-	-

CENTRAL POWER PURCHASING AGENCY (CPPA)
Detail Breakup of FCC Claimed
For the Month of July 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	Nishat Power Limited	RFO	195	95,833,775	34.2937	3,286,494,730	-	19,320,494	-	3,305,815,224
2	Orient Power Company (Private) Limited	RLNG	213	99,595,777	28.8101	2,869,364,295	94,875,894	171,529,740	-	3,135,769,928
3	Saif Power Limited	RLNG	204	86,831,228	28.8128	2,501,850,806	35,955,563	161,524,265	-	2,699,330,634
4	Sapphire Electric Company Limited	RLNG	203	70,567,810	29.5253	2,083,535,761	70,857,254	187,530,073	-	2,341,923,088
5	Halmore Power Generation Company Limited	RLNG	199	49,469,243	28.8118	1,425,297,935	47,081,875	103,334,366	-	1,575,714,176
6	Uch-II Power (Pvt.) Limited	Gas	381	250,427,251	8.4132	2,106,883,389	69,527,152	11,962,769	-	2,188,373,310
7	Quaid-e-Azam Thermal Power (Pvt) Limited	RLNG	1,180	280,336,300	24.5332	6,877,538,855	136,175,270	733,846,056	-	7,747,560,181
8	National Power Parks Management Company Private	RLNG	2,550	1,217,078,112	25.6096	31,168,899,943	605,310,325	3,353,412,778	-	35,127,623,046
IPPs Total:-			5,125	2,150,139,496		52,319,865,714	1,059,783,333	4,742,460,540	-	58,122,109,587

Detail Of Energy Imported From Small Power Producers					
DISCO	Captive	Contract Capacity (MW)	Description	July, 2022	Rate (Rs./KWh)
MEPCO	Kumhar Wala Power House-I	5.00	Energy	951,264	
			Cost (Rs.)	-	
	DISCO's Total:-	5.00	Energy	951,264	-
			Cost (Rs.)	-	
HESCO	Thatta Power (Pvt.) Ltd.,	18.80	Energy	1,321,000.00	5.04
			Cost (Rs.)	6,657,772	
	Lucky Cement Factory Ltd., N-Abad	20.00	Energy	14,652,000	5.04
			Cost (Rs.)	73,845,324	
	DISCO's Total:-	56.80	Energy	15,973,000	5.04
			Cost (Rs.)	80,503,096	
G-Total		61.80	Energy	16,924,264	4.76
			Cost (Rs.)	80,503,096	



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
- AD (CT)
- SA (NBE)
- m.p.
15/8/22
Chairman
- M (NBE/CA)
- m (LIE/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

Division Record

5419

16-9-22

REGISTRAR OFFICE
Diary No: 9361
Date: 15.9.2022



CERTIFICATE

FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

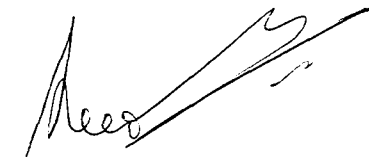
REGARDING 2002 POWER POLICY

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

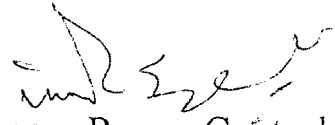

DGMF-II (CPPA-G)

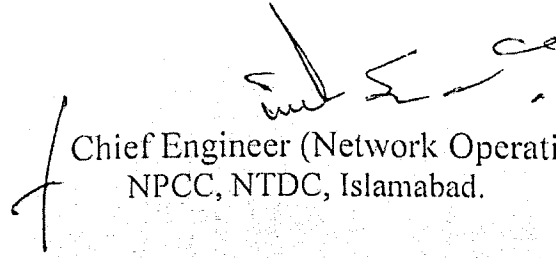
CERTIFICATE

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.	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.)
				A	B	C	D=B+C	E	F	G=E+F	H	I=B+E+H	J=C+H	K=I+J
1	Hydel													
	WAPDA	Hydel	6,902	3,786,057,656		244,942,443	244,942,443		(122,716)	(122,716)			244,819,727	244,819,727
	Jagran	Hydel	30	16,078,370		41,642,978	41,642,978						41,642,978	41,642,978
	Pehute	Hydel	18											
	MataKand-II SHYDO	Hydel	81	32,200,350		10,197,851	10,197,851						10,197,851	10,197,851
	Larali	Hydel	84	8,550,600		2,650,835	2,650,835						2,650,835	2,650,835
	Star Hydro	Hydel	147	49,681,300		9,161,232	9,161,232						9,161,232	9,161,232
	Head Maralla	Hydel	8	1,249,913										
	Neelum Jhelum	Hydel	969											
	Tarbella 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										
	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										
	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													
	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		(167,665)	(8,152,208)	(15,509)	(8,167,717)					(8,152,208)	(15,509)	(8,167,717)
	Unit-4	Gas												
	Unit-4	RLNG												
	Unit-4	RFO		(167,665)	(7,980,536)	(15,509)	(7,996,045)					(7,980,536)	(15,509)	(7,996,045)
	Kotli 3-7	Gas	0											
	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
	GENCO-II ***													
	Guddu CC Block 1 (OC)	Gas	390											
	Central Block 2 (CC)	Gas		78,338,958	636,504,034	5,397,554	641,901,586					636,504,034	5,397,554	641,901,586
	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
	Block 3 (unit 3&4)	Gas												
	Guddu 747 (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
	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		19,349,068	928,633,365	3,873,245	932,506,610					928,633,365	3,873,245	932,506,610
	Unit 3	RFO												
	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	RFO												
	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	(48,063,565)	(3,069,756)	(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	385,094,966	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	IDP's													
	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	762	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
	Kot Addu Block 3	RFO	249											
	Unit 1	RLNG												
	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)		4,964,533,757	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
	Kohliwal 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 Lalpali	RFO	350	95,553,500	3,854,869,940	3,854,869,940	3,854,869,940		(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

4

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	-	-	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)	(2,263,282,857)	-	41,139,647,738	850,745,521	41,990,393,259
7	Nuclear			1,673,977,000	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	



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/19266-67 *16/11/22* Dated: November 14, 2022

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

For information & n.a, please.

• ADG (Tariff)

Copy to:

- DG (M&E)

- M/F

CC: Chairman

- M (Tariff)

- *M (M&E)*

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

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

[Signature]
CHIEF FINANCIAL OFFICER

Tariff Division Record

By No. *6867*

Dated. *17-11-22*

CC:

✓
✓

Chief Executive Officer, CPPA-G.
Master File

12/10/22
16-11-2022



CERTIFICATE

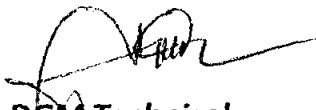
FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

REGARDING 2002 POWER POLICY

FOR THE MONTH OF OCTOBER 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 OCTOBER 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.

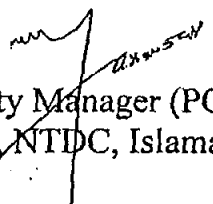

DGM Technical


DGMF-II (CPPA-G)

CERTIFICATE

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

For the Month of October 2021

Energy Procurement Report (Provisional)														
For the Month of October 2022														
S No	Power Producers	Fuel	Dep. Capacity (MW)	Energy KWh	Fuel Charges Rs.	VOIAM Capex Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in VOIAM (Rs.)	Prev. Adjustment in EPP Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VOIAM Rs.	Total Energy Cost (Rs.)
1	WAPDA	Hydro	6,902	2,538,347,292	-	196,954,568	-	-	-	-	-	196,954,568	-	196,954,568
2	Jagran	Hydro	30	3,161,855	-	8,189,463	-	-	-	-	-	8,189,463	-	8,189,463
3	Prehara	Hydro	30	3,161,855	-	8,189,463	-	-	-	-	-	8,189,463	-	8,189,463
4	Matafahri SHYDO	Hydro	81	13,164,640	-	15,458,171	-	-	-	-	-	15,458,171	-	15,458,171
5	Prehara	Hydro	84	49,897,290	-	4,980,957	-	-	-	-	-	4,980,957	-	4,980,957
6	Urdu	Hydro	147	27,011,700	-	4,980,957	-	-	-	-	-	4,980,957	-	4,980,957
7	Star Hydro	Hydro	8	(12,457)	-	51,982,277	-	-	-	-	-	51,982,277	-	51,982,277
8	Head Marilla	Hydro	969	397,927,440	-	5,982,277	-	-	-	-	-	5,982,277	-	5,982,277
9	Head Marilla	Hydro	1,078	13,358,540	-	2,592,466	-	-	-	-	-	2,592,466	-	2,592,466
10	Head Marilla	Hydro	101	13,358,540	-	2,592,466	-	-	-	-	-	2,592,466	-	2,592,466
11	Head Marilla	Hydro	37	13,358,540	-	36,463,341	-	-	-	-	-	36,463,341	-	36,463,341
12	Head Marilla	Hydro	720	113,463,590	-	316,644,651	-	-	-	-	-	316,644,651	-	316,644,651
13	Head Marilla	Hydro	10,992	3,144,615,550	-	316,644,651	-	-	-	-	-	316,644,651	-	316,644,651
14	Head Marilla	Hydro	10,992	3,144,615,550	-	316,644,651	-	-	-	-	-	316,644,651	-	316,644,651
15	Head Marilla	Hydro	10,992	3,144,615,550	-	316,644,651	-	-	-	-	-	316,644,651	-	316,644,651
16	Head Marilla	Hydro	10,992	3,144,615,550	-	316,644,651	-	-	-	-	-	316,644,651	-	316,644,651
17	Head Marilla	Hydro	10,992	3,144,615,550	-	316,644,651	-	-	-	-	-	316,644,651	-	316,644,651
18	Head Marilla	Hydro	10,992	3,144,615,550	-	316,644,651	-	-	-	-	-	316,644,651	-	316,644,651
19	Head Marilla	Hydro	10,992	3,144,615,550	-	316,644,651	-	-	-	-	-	316,644,651	-	316,644,651
20	Head Marilla	Hydro	10,992	3,144,615,550	-	316,644,651	-	-	-	-	-	316,644,651	-	316,644,651
21	Head Marilla	Hydro	10,992	3,144,615,550	-	316,644,651	-	-	-	-	-	316,644,651	-	316,644,651
22	Head Marilla	Hydro	10,992	3,144,615,550	-	316,644,651	-	-	-	-	-	316,644,651	-	316,644,651
23	Head Marilla	Hydro	10,992	3,144,615,550	-	316,644,651	-	-	-	-	-	316,644,651	-	316,644,651
24	Head Marilla	Hydro	10,992	3,144,615,550	-	316,644,651	-	-	-	-	-	316,644,651	-	316,644,651
25	Head Marilla	Hydro	10,992	3,144,615,550	-	316,644,651	-	-	-	-	-	316,644,651	-	316,644,651
26	Head Marilla	Hydro	10,992	3,144,615,550	-	316,644,651	-	-	-					

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

S.No.	Power Producers	Fuel	Capacity (MW)	Energy KWH	Tariff Changes R.	VOM Changes R.	EPB Billing month (Rs.)	Prev. Adjustment of Fuel Cost (Rs.)	Prev. Adjustment of VOM (Rs.)	Prev. Adjustment in EPB Total R.	Supp. Charges	Total Fuel Cost	Total VOM	Energy Cost (Rs.)
18	Chattahoochee Nuclear	Nuc.	340	223,665,000	314,920,320	-	314,920,320	-	-	-	-	314,920,320	-	314,920,320
19	Chattahoochee Nuclear	Nuc.	340	223,665,000	292,898,613	-	292,898,613	-	-	-	-	292,898,613	-	292,898,613
20	Kewaunee Nuclear Power Plant-Unit 2	Nuc.	1,145	654,460,000	593,502,544	-	593,502,544	-	-	-	-	593,502,544	-	593,502,544
21	Kewaunee Nuclear Power Plant-Unit 2	Nuc.	1,145	654,460,000	644,811,147	-	644,811,147	-	-	-	-	644,811,147	-	644,811,147
22	Kewaunee Nuclear Power Plant-Unit 2	Nuc.	96	47,774,000	1,011,638,337	-	1,011,638,337	-	-	-	-	1,011,638,337	-	1,011,638,337
1	Alcoa Power	RFO	150	2,697,961,345	11,357,520,584	357,258,993	357,258,993	(483,328)	356,765,667	0	2,611,208,078	2,611,208,078	-	2,611,208,078
2	Alcoa Power	RFO	150	18,672,945	644,895,069	30,560,028	30,560,028	21,733,197	51,890,215	0	18,672,945	18,672,945	-	18,672,945
3	Alcoa Power	RFO	150	13,728,795	432,271,704	54,389,413	54,389,413	(5,029)	54,389,413	0	13,728,795	13,728,795	-	13,728,795
4	Alcoa Power	RFO	150	18,672,945	811,005,662	104,779,418	104,779,418	(303)	104,779,418	0	18,672,945	18,672,945	-	18,672,945
5	Alcoa Power	RFO	213	8,965,108	316,472,795	15,472,880	15,472,880	70,964,727	18,861,275	87,566,002	-	387,439,522	32,974,155	419,513,677
6	Alcoa Power	RFO	198	50,465,679	1,494,622,676	49,517,693	49,517,693	1,504,460,367	-	-	-	1,504,460,367	49,517,693	1,553,978,060
7	Alcoa Power	RFO	204	57,811,004	468,834,463	48,919,210	48,919,210	514,953,673	(8,610,385)	(8,610,385)	-	468,834,463	46,319,210	508,343,288
8	Alcoa Power	RFO	213	6,333,980	259,230,570	8,136,416	8,136,416	267,366,986	(106,282)	(106,282)	-	269,124,289	8,136,416	267,260,705
9	Alcoa Power	RFO	203	8,333,980	481,802,087	22,407,580	22,407,580	504,203,678	19,386,731	30,243,445	-	501,168,818	33,271,703	534,440,522
10	Alcoa Power	RFO	214	14,853,107	312,899,288	18,610,177	18,610,177	21,552,217	2,403,670	45,548,187	-	371,452,505	42,935,147	414,387,652
11	Alcoa Power	RFO	196	10,028,284	1,141,588,193	39,041,233	39,041,233	1,180,590,193	(438,940)	(438,940)	-	1,141,588,193	39,041,233	1,180,627,423
12	Alcoa Power	RFO	199	39,354,018	2,498,532,311	130,950,608	130,950,608	2,629,482,919	-	-	-	2,498,532,311	130,950,608	2,629,482,919
13	Alcoa Power	RFO	301	248,948,940	74,944,403	60,225,908	60,225,908	74,944,403	(1)	(1)	-	74,944,403	60,225,908	75,547,311
14	Alcoa Power	RFO	26	12,527,700	80,225,908	29,467,719	29,467,719	80,225,908	(402)	(402)	-	80,225,908	29,467,719	80,923,627
15	Alcoa Power	RFO	24	4,932,900	41,569,889	41,569,889	41,569,889	-	-	-	-	41,569,889	-	41,569,889
16	Alcoa Power	RFO	62	8,348,930	54	54	54	-	-	-	-	54	-	54
17	Alcoa Power	RFO	15	14	14	14	14	-	-	-	-	14	-	14
18	Alcoa Power	RFO	35	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
19	Alcoa Power	RFO	21	30	30	30	30	-	-	-	-	30	-	30
20	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
21	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
22	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
23	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
24	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
25	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
26	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
27	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
28	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
29	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
30	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
31	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
32	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
33	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
34	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
35	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
36	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
37	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
38	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
39	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
40	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
41	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
42	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
43	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
44	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
45	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
46	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
47	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
48	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
49	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
50	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
51	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
52	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
53	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
54	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
55	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
56	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
57	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
58	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
59	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
60	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,077	163,570,077	(21,484,160)	(156,086,765)	(177,283,945)	-	7,849,516,063	7,470,291	7,559,806,354
61	Alcoa Power	RFO	21	304,033,600	7,870,700,223	163,570,07								

For the Month of October 2022

[illegible]

CENTRAL POWER PURCHASING AGENCY (CPPA)
Detail Breakup of FCC Claimed
For the Month of October 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	115,459,414	6.6297	765,461,277	32,149,374	13,395,011	-	811,005,662
2	Saif Power Limited	RLNG	204	50,465,679	26.5220	1,338,451,772	18,069,099	128,101,805	-	1,484,622,676
3	Engro Powergen Qadirpur Limited	Gas	213	57,711,451	7.1240	411,136,376	6,167,046	51,331,041	-	468,634,463
4	Sapphire Electric Company Limited	RLNG	203	8,333,930	26.5206	221,020,824	6,895,850	31,313,897	-	259,230,570
5	Halmore Power Generation Company Limited	RLNG	199	39,364,018	25.3948	999,641,364	30,788,954	111,158,642	-	1,141,588,960
6	Uch-II Power (Pvt.) Limited	Gas	381	248,948,940	9.6663	2,406,407,953	79,411,462	12,712,896	-	2,498,532,311
7	Quaid-e-Azam Thermal Power (Pvt) Limited	RLNG	1,180	669,995,100	21.5652	14,448,603,264	286,082,345	1,442,224,599	-	16,176,910,208
8	National Power Parks Management Company Private	RLNG	2,550	978,555,900	21.6042	21,140,943,576	418,590,683	1,771,727,628	-	23,331,261,887
IPPs Total:-			5,102	2,168,834,432		41,731,666,407	878,154,813	3,561,965,518	-	46,171,786,737

Detail Of Energy Imported From Small Power Producers					
DISCO	Captive	Contract Capacity (MW)	Description	Oct, 2022	Rate (Rs./KWh)
MEPCO	Kumhar Wala Power House-I	5.00	Energy	1,297,460	
			Cost (Rs.)	-	
	DISCO's Total:-	5.00	Energy	1,297,460	-
HESCO			Cost (Rs.)	-	
	Thatta Power (Pvt.) Ltd.,	18.80	Energy	1,088,000.00	5.04
			Cost (Rs.)	5,483,464	
	Lucky Cement Factory Ltd., N-Abad	20.00	Energy	12,384,000	5.04
			Cost (Rs.)	62,414,721	
	DISCO's Total:-	56.80	Energy	13,472,000	5.04
			Cost (Rs.)	67,898,185	
G-Total		61.80	Energy	14,769,460	4.60
			Cost (Rs.)	67,898,185	

NEPA



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/ 20590-91

Dated: December 14, 2022

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

For upto 2nd CRP
- AD (CT) *15/12/22*
- SACMSE
- DA (Tech) *Chairman*
- m (Tech)
- m (Ues)
- m (CT)

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

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

Tariff Division Record
No. 7398
Date 16-12-22

Signature
16/12
14/12/22
CHIEF FINANCIAL OFFICER

CC:

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

REGISTRAR OFFICE

Diary No: 13261

Date: 15-12-22



CERTIFICATE

FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

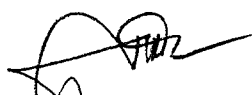
REGARDING 1994 POWER POLICY (HUBCO INCLUSIVE)

FOR THE MONTH OF NOVEMBER 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)



CERTIFICATE

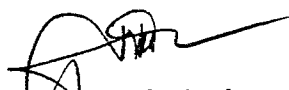
FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

REGARDING 2002 POWER POLICY

FOR THE MONTH OF NOVEMBER 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.

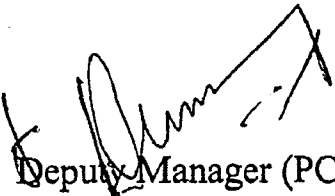

DGM Technical

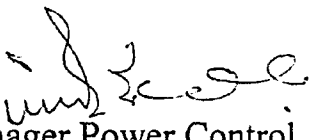

GMF (CPPA-G)

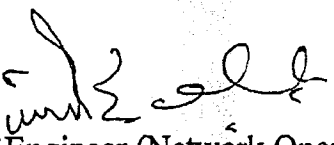
CERTIFICATE

Subject: MONTHLY FUEL CHARGES ADJUSTMENT OF DISCOS FOR THE MONTH OF NOVEMBER-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 NOVEMBER-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 November 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.)
				A	B	C	D=B+C	E	F	G=E+F	H	I=B+E+H	J=C+F	K=I+J
1	Hydel													
	WAPDA	Hydel	6,902	2,004,144,399		161,773,498	161,773,498		(25,583)	(25,583)			161,747,915	161,747,915
	Jagran	Hydel	30	1,371,187										
	Pelure	Hydel	18											
	Mulakand-II SHYDO	Hydel	81	13,399,480		4,243,815	4,243,815		49,551,119	49,551,119			53,794,734	53,794,734
	Larab	Hydel	84	39,735,090		12,309,931	12,309,931						12,309,931	12,309,931
	Star Hydro	Hydel	147	21,972,700		3,073,210	3,073,210						3,073,210	3,073,210
	Head Maralla	Hydel	8	1,248,457										
	Nicium Jhelum	Hydel	969											
	Tarbeta Ext. 4	Hydel	1,478	264,268,810		35,411,994	35,411,994						35,411,994	35,411,994
	Mira Power Limited	Hydel	101	12,298,670		2,387,172	2,387,172						2,387,172	2,387,172
	Dard Khera	Hydel	37	6,066,300										
	Karol Power Company (Pvt.) Limited	Hydel	720	119,855,500		37,850,366	37,850,366		(57,903,505)	(57,903,505)			(20,053,139)	(20,053,139)
	Ranolia Hydro Power Complex	Hydel	17											
	Hydel Total:		10,692	2,484,360,383		257,049,786	257,049,786		(6,377,969)	(6,377,969)			248,671,817	248,671,817
2	Ex-WAPDA GENCOs													
	GENCO-I ***													
	Jamshoro Block 1	RFO	182					17,604,751		17,604,751		17,604,751		17,604,751
	Unit 1	Gas												
	Jamshoro Block 2	RFO	467											
	Unit-2	Gas												
		RLNG												
	Unit-3	RFO												
		Gas												
		RLNG												
	Unit-4	Gas												
		RLNG												
	Unit-4	RFO												
	Koti-3-7	Gas	0											
	Jamshoro Block 4	Gas												
Jamshoro Total:		649					17,604,751		17,604,751		17,604,751		17,604,751	
GENCO-II ***														
Quddus CC Block 1 (OC)	Gas	380	88,256,022	717,080,179	6,080,840	723,161,019	(361,457,647)		(361,457,647)		355,622,532	6,080,840	361,703,371	
Central Block 2 (OC)	Gas													
Quddus (OC) Block 2	Gas	530	88,256,022	717,080,179	6,080,840	723,161,019	(361,457,647)		(361,457,647)		355,622,532	6,080,840	361,703,371	
Block 3 (Unit 3&4)	Gas													
Quddus 747 (CC)	Gas	721	282,597,000	2,507,370,142	244,983,339	2,752,353,481					2,507,370,142	244,983,339	2,752,353,481	
Central Total		1,641	370,853,022	3,224,450,321	251,064,179	3,475,514,500	(361,457,647)		(361,457,647)		2,862,992,674	251,064,179	3,114,056,852	
GENCO-III ***														
Northern Block 1														
Unit 1	RFO	556						24,426,126		24,426,126		24,426,126		24,426,126
Unit 2	RFO													
Unit 3	RFO													
Unit 1	Gas													
Unit 2	Gas													
Unit 3	Gas													
Unit 1	RLNG													
Unit 2	RLNG													
Unit 3	RLNG													
Unit 3	RLNG													
Northern Block 2														
Block-2 Unit 4	RFO	272												
Block-2 Unit 4	GAS													
Block-2 Unit 4	RLNG													
Northern Block 3														
Block-3 Unit 5	RFO													
Block-3 Unit 5	Gas	355												
Block-3 Unit 6	RLNG													
Block-3 Unit 6	RFO													
Block-3 Unit 6	Gas													
Block-3 Unit 6	RLNG													
Northern Block 4	RLNG	117												
Northern Block 5	RFO	97												
Northern Block 6	Gas													
Northern Block 6	Gas	75												
Nandipur	RLNG	411	1,654,000	37,887,886	982,972	38,870,858						37,887,886	982,972	38,870,858
Northern Total:		1,884	1,654,000	37,887,886	982,972	38,870,858	24,426,126			24,426,126		62,314,012	982,972	63,296,984
GENCO-IV LAKHRA														
Sub-Total:	Coal	31												
GENCOs Total:-		31												
3	IPP's													
1	Kot Addu Block 1	RFO	325					(11,424)	28,451,346	28,439,922	81,369,518	81,358,094	28,451,346	109,809,439
		RLNG												
		HSD												
	Kot Addu Block 2	RFO	762											
		RLNG												
		HSD												
	Kot Addu Block 3	RLNG	249											
		HSD												
	KAPCO Total		1,338	(1,277,000)				(11,424)	28,451,346	28,439,922	81,369,518	81,358,094	28,451,346	109,809,439
2	Hut Power	RFO	1,208											
3	Kohinoor Energy	RFO	124					(1)	(13)	(14)		(1)	(13)	(14)
4	AES Lalp	RFO	350						(412)	(412)			(412)	(412)
5	Pak. Gen Power Limited	RFO	350					1	(575)	(574)		1	(575)	(574)
6	Habibullah	Gas	129								92,806,074	92,806,074		92,806,074
7	Fauji Kotriwala	Gas	151											
8	Roush	RLNG	395	975,861	24,537,621	520,923	25,058,544					24,537,621	520,923	25,058,544
9	Saba Power	RFO	126					(593)	(544)	(1,137)		(593)	(544)	(1,137)
10	Uch	Gas	549	305,290,000	3,280,779,152	155,838,842	3,436,415,994	(104,396)	(104,396)	(104,396)		3,280,674,756	155,638,842	3,436,311,598
13	Albern	Gas	27											
14	Liberty	Gas	212	110,424,700	2,466,217,697	68,531,267	2,535,748,964	(150,739)	(854)	(151,593)		2,466,066,958	69,530,413	2,535,597,371
16	Chashma Nuclear	Nucl.	300	214,236,000	261,089,413		261,089,413					261,089,413		261,089,413
			115	221,869,000	304,283,593		304,283,593					304,283,593		304,283,593

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Requirement Report (Pre-November)
For the Month of November 2022

S.No.	Power Producers	Fuel	Dep. Capacity (MW)	Energy kWh	Fuel Charges Rs.	VoM Charges 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.)
18	Chashma Nuclear-II	Nucl.	340	224,888,000	316,842,304	225,082,842	235,082,842	225,082,842	225,082,842	-	641,735,146	-	641,735,146
19	Chashma Nuclear-IV	Nucl.	340	224,888,000	293,834,768	-	-	-	-	-	293,834,768	-	293,834,768
20	Karachi Nuclear Power Plant-Unit-2	Nucl.	1,140	724,336,000	672,594,811	-	-	-	-	-	672,594,811	-	672,594,811
21	Karachi Nuclear Power Plant-Unit-3	Nucl.	1,140	708,731,000	642,393,778	-	-	-	-	-	642,393,778	-	642,393,778
22	Imran-ul-Millat	Thermal	96	47,400,400	946,553,320	225,082,842	74,480,937	74,480,937	74,480,937	-	1,021,034,257	-	1,021,034,257
Sub-Total:			8,633	9,210,836,457	9,210,836,457	225,082,842	235,082,842	235,082,842	235,082,842	174,175,591	9,388,446,556	254,137,980	9,388,446,556
1	Attock-Gun	RFO	156	11,882,021	256,467,016	20,512,558	14,270,065	20,512,558	32,745,575	-	270,737,102	1,345,152	312,082,554
2	Atlas Power	RFO	214	-	-	-	23,748,279	23,748,279	47,180,584	-	23,748,279	23,432,305	47,180,584
3	Nihal Power	RFO	195	89,085,641	640,344,788	80,438,368	118,822,687	118,822,687	118,822,687	-	759,167,475	-	759,167,475
4	Foundation Power	Gas	171	22,946,421	547,153,559	13,315,812	1,330,272	1,330,272	1,330,272	-	548,483,831	80,438,368	628,922,199
5	Ornat	RLNG	213	-	-	-	580,489,317	-	580,489,317	-	580,489,317	13,315,812	593,805,129
6	Nihal Chashma	HSD	196	15,510,489	379,065,097	15,100,903	52,552,016	10,072,603	70,624,519	-	431,637,616	18,072,503	449,710,119
7	Sai Power	RLNG	204	-	-	-	116,912,434	-	116,912,434	-	116,912,434	13,310,903	130,223,337
8	Enpro Energy	HSD	213	74,135,953	602,173,208	59,364,880	5,693,246	-	5,693,246	-	607,866,454	59,364,880	667,231,334
9	Sapphire Power	RLNG	203	-	-	-	64,343,026	-	64,343,026	-	64,343,026	-	64,343,026
10	Hesco Natural	HSD	214	-	-	-	19,537,299	14,885,207	34,422,506	-	19,537,299	14,885,207	34,422,506
11	Liberty Power	RFO	196	-	-	-	25,324,621	23,986,901	1,327,719	-	25,324,621	23,986,901	49,311,522
12	Hemore	RLNG	189	-	-	-	-	-	-	-	-	-	-
13	Uch-I	HSD	301	226,551,204	2,416,071,750	125,482,008	2,540,553,758	2,540,553,758	2,540,553,758	-	2,416,071,750	125,482,008	2,541,551,129
14	JDW-II	Bagasse	26	16,706,000	99,942,223	16,932,139	116,874,362	-	116,874,362	-	99,942,223	16,932,139	116,874,362
15	JDW-I	Bagasse	26	16,983,360	101,597,796	17,412,625	118,010,421	-	118,010,421	-	101,597,796	17,412,625	118,423,116
16	RYK	Bagasse	24	6,336,200	37,904,516	6,421,105	44,325,621	-	44,325,621	-	37,904,516	6,421,105	44,325,621
17	Chenab Power	Bagasse	62	19,441,410	116,302,403	21,883,084	138,185,487	-	138,185,487	-	116,302,403	21,883,084	138,185,487
18	Harid Sugar Mills	Bagasse	15	5,268,231	27,748,583	4,419,278	32,167,861	-	32,167,861	-	27,748,583	4,419,278	32,167,861
19	Harid Industries Limited	Bagasse	3	982,885	5,700,400	985,759	6,686,167	-	6,686,167	-	5,700,400	985,759	6,686,167
20	Chenab Power	Coal	22	319,317,000	3,211,458,425	367,597,730	3,579,056,155	3,579,056,155	3,579,056,155	-	3,211,458,425	367,597,730	3,579,056,155
21	Chenab Power	Coal	660	94,750	3,211,458,425	367,597,730	3,579,056,155	3,579,056,155	3,579,056,155	-	3,211,458,425	367,597,730	3,579,056,155
22	Chenab Power	Coal	41	94,750	3,211,458,425	367,597,730	3,579,056,155	3,579,056,155	3,579,056,155	-	3,211,458,425	367,597,730	3,579,056,155
23	Enpro PowerGen Thar TPS	Bagasse	1,180	-	-	-	693,123	-	693,123	-	693,123	-	693,123
24	Layyah Sugar Mills	RLNG	1,230	668,126,300	13,437,842,241	206,165,080	13,644,027,331	13,644,027,331	13,644,027,331	-	13,437,842,241	206,165,080	13,644,027,331
25A	GATPA	HSD	1,320	296,184,900	5,991,207,160	102,772,646	5,993,479,806	5,993,479,806	5,993,479,806	-	5,991,207,160	102,772,646	6,094,400,000
26A	Haveli Bahadar Shah	Coal	1,320	296,184,900	5,991,207,160	102,772,646	5,993,479,806	5,993,479,806	5,993,479,806	-	5,991,207,160	102,772,646	6,094,400,000
27	Haveli Bahadar Shah	Coal	1,320	296,184,900	5,991,207,160	102,772,646	5,993,479,806	5,993,479,806	5,993,479,806	-	5,991,207,160	102,772,646	6,094,400,000
28	Haveli Bahadar Shah	Coal	1,320	296,184,900	5,991,207,160	102,772,646	5,993,479,806	5,993,479,806	5,993,479,806	-	5,991,207,160	102,772,646	6,094,400,000
29	Haveli Bahadar Shah	Coal	1,320	296,184,900	5,991,207,160	102,772,646	5,993,479,806	5,993,479,806	5,993,479,806	-	5,991,207,160	102,772,646	6,094,400,000
30	Punjab	Coal	1,320	352,583,800	5,839,845,479	94,827,717	5,934,673,196	5,934,673,196	5,934,673,196	-	5,839,845,479	94,827,717	5,934,673,196
31	Punjab	Coal	860	116,357,000	1,680,135,992	30,764,791	1,710,901,692	1,710,901,692	1,710,901,692	-	1,680,135,992	30,764,791	1,710,901,692
32	Punjab	Coal	1,320	116,357,000	1,680,135,992	30,764,791	1,710,901,692	1,710,901,692	1,710,901,692	-	1,680,135,992	30,764,791	1,710,901,692
33	Thar Energy Limited	Coal	330	187,186,000	3,211,458,425	49,801,846	3,261,260,271	3,261,260,271	3,261,260,271	-	3,211,458,425	49,801,846	3,261,260,271
Sub-Total:			13,687	2,469,741,544	37,711,634,171	1,243,624,333	39,555,458,504	39,555,458,504	39,555,458,504	174,175,591	38,152,733,753	874,887,224	39,440,620,977
4	PPPs Total:		22,320	5,266,687,505	46,932,470,628	1,469,413,365	47,991,883,993	47,991,883,993	47,991,883,993	174,175,591	48,300,642,729	1,079,025,204	49,379,667,933
Others			25	-	-	-	-	-	-	-	-	-	-
1	TPS-Qetta	Gas	56	3,284,890	-	-	-	-	-	-	-	-	-
2	Zohu	Wind	56	2,435,350	-	-	-	-	-	-	-	-	-
3	FFCEL	Wind	50	2,435,350	-	-	-	-	-	-	-	-	-
4	TOF	Wind	50	2,435,350	-	-	-	-	-	-	-	-	-
5	TOF	Wind	50	2,435,350	-	-	-	-	-	-	-	-	-
6	Sapphire Wind Power	Wind	53	2,860,532	-	-	-	-	-	-	-	-	-
7	Yousaf Wind Power	Wind	50	4,910,210	-	-	-	-	-	-	-	-	-
8	Metro Wind Power	Wind	50	5,068,380	-	-	-	-	-	-	-	-	-
9	Gul Ahmad Wind Power	Wind	50	4,381,840	-	-	-	-	-	-	-	-	-
10	Master Wind Power	Wind	50	3,386,120	-	-	-	-	-	-	-	-	-
11	Touga Greentec	Wind	50	2,011,810	-	-	-	-	-	-	-	-	-
12	Tapal Wind	Wind	31	1,638,300	-	-	-	-	-	-	-	-	-
13	Hydrochris Dawood Power (Private) Limited	Wind	50	1,739,030	-	-	-	-	-	-	-	-	-
14	SECL Wind	Wind	50	4,258,488	-	-	-	-	-	-	-	-	-
15	UEPL Wind	Wind	99	5,650,087	-	-	-	-	-	-	-	-	-
16	Quaid-e-Azam Solar Park	Solar	100	1,927,390	-	-	-	-	-	-	-	-	-
17	Appollo Solar Park	Solar	100	1,927,390	-	-	-	-	-	-	-	-	-
18	Greenfield Energy	Solar	100	12,441,070	-	-	-	-	-	-	-	-	-
19	Greenfield Energy	Solar	100	12,441,070	-	-	-	-	-	-	-	-	-
20	Neapra	Solar	18	1,832,910	-	-	-	-	-	-	-	-	-
21	AI Solar	Solar	12	1,348,779	-	-	-	-	-	-	-	-	-
22	ASP Wind	Wind	50	4,732,397	-	-	-	-	-	-	-	-	-
23	Humjari Wind	Wind	50	5,121,530	-	-	-	-	-	-	-	-	-
24	HAWA Wind	Wind	50	5,885,200	-	-	-	-	-	-	-	-	-
25	TGT	Wind	50	4,004,718	-	-	-	-	-	-	-	-	-
26	TGS	Wind	50	3,938,284	-	-	-	-	-	-	-	-	-
27	Thom Bostan-A	Wind	50	4,927,018	-	-	-	-	-	-	-	-	-
28	Thom Bostan-B	Wind	50	4,796,144	-	-	-	-	-	-	-	-	-
29	Thom Bostan-C	Wind	50	4,970,057	-	-	-	-	-	-	-	-	-
30	ZEPRTR Wind	Wind	50	3,401,872	-	-	-	-	-	-	-	-	-
31	Maunim V-1	Wind	50	6,391,680	-	-	-	-	-	-	-	-	-
32	Lucky Renewable (Private) Limited	Wind	50	6,348,650	-	-	-	-	-	-	-	-	-
33	ACT-10 Wind (Pvt) Ltd.	Wind	50	5,072,130	-	-	-	-	-	-	-	-	-
34	Asiatic Wind Power (Pvt) Ltd.	Wind	50	4,951,910	-	-	-	-	-	-	-	-	-
35	India Wind Energy Ltd.	Wind	50	5,463,380	-	-	-	-	-	-	-	-	-
36	Lakeside Energy Limited	Wind	50	5,392,360	-	-	-	-	-	-	-	-	-
37	Liberty Wind Power 1 Ltd.	Wind	50	5,111,880	-	-	-	-	-	-	-	-	-
38	Liberty Wind Power 4 Ltd.	Wind	50	5,441,920	-	-	-	-	-	-	-	-	-
39	DM Energy Ltd.	Wind	50	5,691,840	-	-	-	-	-	-	-	-	-
40	Gul Ahmad Electric Limited	Wind	50	11,972,000	-	-	-	-	-	-	-	-	-
41	Zunaira Pakistan New Energy Company, Limited	Solar	100	4,708,230	-	-	-	-	-	-	-	-	-
42	Liberty Wind Power (Pvt) Ltd.	Wind	50	5,463,380	-	-	-	-	-	-	-	-	-
43	NASDA Green Energy Limited	Wind	50	5,463,380	-	-	-	-	-	-	-	-	-
44	Neapra Wind Power Limited	Wind	50	15,179,872	-	-	-	-	-	-	-	-	-
45	Neapra Wind Power Limited	Wind	50	15,179,872	-	-	-	-	-	-	-	-	-
46	Neapra Wind Power Limited	Wind	50	15,179,872	-	-	-	-	-	-	-	-	-
Sub-Total:			2,643	243,535,728	50,111,463,599	1,978,610,202	52,090,073,902	52,090,073,902	52,090,073,902	174,175,591	51,589,608,631	1,579,744,171	53,149,352,802
G-Total:			39,760	6,367,070,646	107,944,104,220	2,442,023,567	109,536,127,787	109,536,127,787	109,536,127,787	348,351,182	108,187,816,605	2,649,488,372	111,837,304,977

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of November 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			2,484,360,393	-	257,049,786	257,049,786	-	(8,377,969)	(8,377,969)	-	-	248,671,817	248,671,817
2	Coal			975,443,800	12,522,095,099	542,382,216	13,064,477,316	3,488,708,998	(519,856,710)	2,968,853,288	-	16,010,804,098	22,528,506	16,033,330,603
3	HSD			-	-	-	-	-	-	-	-	-	-	-
4	F.O.			10,605,027	256,467,018	20,812,558	277,279,576	8,179,232	129,369,311	137,548,543	81,369,518	346,015,768	150,181,869	498,197,637
5	Gas			1,188,140,520	12,629,036,916	741,415,544	13,370,452,460	(368,746,929)	(854)	(368,747,783)	92,806,074	12,353,096,060	741,414,690	13,094,510,750
6	RLNG			1,011,739,751	20,520,760,889	344,091,192	20,864,842,080	(2,143,735,485)	(908)	(2,143,736,393)	-	18,377,015,403	344,090,284	18,721,105,687
7	Nuclear			2,337,812,000	2,492,748,667	-	2,492,748,667	225,082,842	-	225,082,842	-	2,717,831,509	-	2,717,831,509
8	Import from Iran			44,700,400	946,553,320	-	946,553,320	74,480,937	-	74,480,937	-	1,021,034,257	-	1,021,034,257
9	Wind Power			157,771,807	-	-	-	-	-	-	-	-	-	-
10	Solar			78,948,761	299,071,127	-	299,071,127	-	-	-	-	299,071,127	-	299,071,127
11	Bagasse			68,733,029	417,156,926	72,859,006	490,015,932	(156)	-	(156)	-	417,156,770	72,859,006	490,015,776
11	Mixed			6,815,158	27,583,638	-	27,583,638	-	-	-	-	27,583,638	-	27,583,638
Totals For The month				6,367,070,646	50,111,463,599	1,978,610,302	52,090,073,902	1,283,969,440	(398,866,131)	885,103,309	174,175,591	51,569,608,631	1,579,744,171	53,149,352,802
Prev. Adjustments :				(1,481,148)	1,458,145,031	(398,986,131)	1,059,278,900	-	-	-	-	-	-	-
GRAND TOTALS :				8,365,589,498	51,569,608,631	1,579,744,171	53,149,352,802	-	-	-	-	-	-	-

Energy Cost (Rs.)	51,569,608,631	1,579,744,171	53,149,352,802
Cost not chargeable to DISCOs (Rs.)	952,098,433	-	952,098,433
EPP (Chargeable) (Rs.)	50,617,510,197	1,579,744,171	52,197,254,369
Energy Sold (KWh)	8,072,903,780	8,072,903,780	8,072,903,780
Avg. Rate (Rs./KWh)	6.2700	0.1957	6.4657

Reference Rate (Rs./KWh)	6.0762
FCA Rate (Rs./KWh)	0.1938

CENTRAL POWER PURCHASING AGENCY (CPPA)
Detail Breakup of FCC Claimed
For the Month of November 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	89,885,641	6.5375	587,624,229	24,680,218	28,040,341	-	640,344,788
2	Orient Power Company (Private) Limited	RLNG	213	22,946,421	22.1203	507,582,141	15,836,563	43,734,855	-	567,153,559
2	Saif Power Limited	RLNG	204	15,510,469	22.1209	343,106,034	4,631,924	31,327,123	-	379,065,081
3	Engro Powergen Qadirpur Limited	Gas	213	74,135,953	7.0957	526,044,116	7,890,662	68,238,430	-	602,173,208
6	Uch-II Power (Pvt.) Limited	Gas	381	238,551,204	9.6663	2,305,914,469	76,095,177	33,062,104	-	2,415,071,750
8	National Power Parks Management Company Private	RLNG	2,550	964,311,200	18.1724	17,523,853,840	346,972,306	1,458,223,254	-	19,329,049,400
IPPs Total:-			3,732	1,405,340,888		21,794,124,829	476,106,849	1,662,626,107	-	23,932,857,786

Detail Of Energy Imported From Small Power Producers					
DISCO	Captive	Contract Capacity (MW)	Description	Nov, 2022	Rate (Rs./KWh)
MEPCO	Kumhar Wala Power House-I	5.00	Energy	1,342,158	
			Cost (Rs.)	-	
	DISCO's Total:-	5.00	Energy	1,342,158	-
			Cost (Rs.)	-	
HESCO	Thatta Power (Pvt.) Ltd.,	18.80	Energy	433,000.00	5.04
			Cost (Rs.)	2,182,298	
	Lucky Cement Factory Ltd., N-Abad	20.00	Energy	5,040,000	5.04
			Cost (Rs.)	25,401,340	
	DISCO's Total:-	56.80	Energy	5,473,000	5.04
			Cost (Rs.)	27,583,638	
G-Total		61.80	Energy	6,815,158	4.05
			Cost (Rs.)	27,583,638	



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/ 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:
• CEO (MAE)
• M/F

CC: Chief

TARIFF (DEPARTMENT)
Dir (T-II)
Dir (T-IV)
Dir (T-V)
Addl. Dir (RE)

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.

CHIEF FINANCIAL OFFICER

CC:

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

Tariff Division Record

No. 378
17-1-23

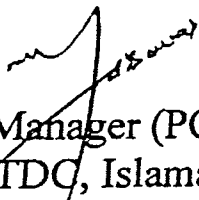
REGISTRAR OFFICE

Copy No. 562
Date: 16.1.2023

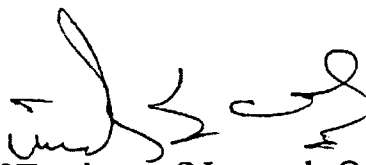
CERTIFICATE

**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

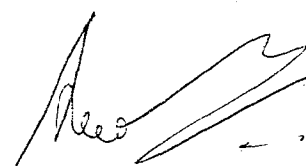
REGARDING 2002 POWER POLICY

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

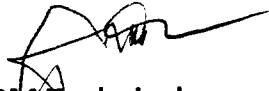
REGARDING 1994 POWER POLICY (HUBCO INCLUSIVE)

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 (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.)
				A	B	C	D=B+C	E	F	G=E+F	H	I=B+E+H	J=C+F	K=I+J
1	Hydel													
	i. WAPDA	Hydel	6,902	1,576,688,186		136,320,737	136,320,737		1,428,842	1,428,842			137,750,579	137,750,579
	ii. Jagan	Hydel	30	2,067,916		5,881,301	5,881,301						5,881,301	5,881,301
	iii. Pehure	Hydel	18											
	iv. Malakand-III SHYDO	Hydel	81	10,515,860		3,330,373	3,330,373		4,169,241	4,169,241			7,499,614	7,499,614
	v. Loralai	Hydel	84	21,623,250		6,898,883	6,898,883		(727,338,975)	(727,338,975)			(720,640,092)	(720,640,092)
	vi. Star Hydro	Hydel	147	17,305,400		3,191,116	3,191,116						3,191,116	3,191,116
	vii. Head Maralla	Hydel	8	1,570,293										
	viii. Nafton Jhelum	Hydel	969											
	ix. Tarbela Ext. 4	Hydel	1,478											
	x. Mira Power Limited	Hydel	101	2,962,720										
	xi. Darat Khwar	Hydel	37	2,953,560										
	xii. Karot Power Company (Pvt.) Limited	Hydel	720	84,740,400		26,761,018	26,761,018						26,761,018	26,761,018
	xiii. Ranolia Hydro Power Complex	Hydel	17											
	Hydel Total:		10,592	1,720,428,685		182,163,428	182,163,428		(721,739,892)	(721,739,892)			(539,576,464)	(539,576,464)
2	Ex-WAPDA GENCOs													
	GENCO-I ***													
	Jamshoro Block 1	RFO	182											
	Unit 1	Gas												
	Jamshoro Block 2		467											
	Unit-2	RFO												
	Unit-2	Gas												
	Unit-3	RLNG												
	Unit-3	RFO												
	Unit-3	Gas												
	Unit-4	RLNG												
	Unit-4	Gas												
	Unit-4	RLNG												
	Unit-4	RFO												
	Kotri 3-7	Gas	0											
	Jamshoro Block 4	Gas												
	Jamshoro Total:		649											
	GENCO-II ***													
	Quardu CC Block 1 (OC)	Gas	390		85,745,835	777,934,909	6,596,888	784,531,787	(409,672,644)	(409,672,644)		388,262,265	6,596,888	374,856,153
	Central Block 2 (CC)	Gas		85,201,646		692,263,374	5,870,393	698,133,767				692,263,374	5,870,393	698,133,767
	Quardu (OC) Block-2	Gas	530		10,544,189	85,671,536	726,495	86,398,030	(409,872,644)	(409,872,644)		(324,001,108)	726,495	(323,274,614)
	Block 3 (unit 3&4)	Gas												
	Quardu 747 (CC)	Gas	721		265,659,000	2,268,360,048	221,830,787	2,489,990,835	(409,672,644)	(409,672,644)		2,268,360,048	221,830,787	2,489,990,835
	Central Total:		1,641		351,404,835	3,046,294,957	228,227,875	3,274,522,832	22,976,015	22,976,015		2,636,622,313	228,227,875	2,864,849,988
	GENCO-III ***													
	Northern Block 1													
	Unit 1	RFO												
	Unit 2	RFO												
	Unit 3	RFO												
	Unit 1	Gas						22,976,015		22,976,015		22,976,015		22,976,015
	Unit 2	Gas												
	Unit 3	Gas												
	Unit 1	RLNG												
	Unit 2	RLNG												
	Unit 3	RLNG												
	Unit 3	RLNG												
	Northern Block 2													
	Block-2 Unit 4	RFO												
	Block-2 Unit 4	Gas												
	Block-2 Unit 4	RLNG												
	Northern Block 3													
	Block-3 Unit 5	RFO												
	Block-3 Unit 6	Gas												
	Block-3 Unit 6	RLNG												
	Block-3 Unit 6	RFO												
	Block-3 Unit 6	Gas												
	Block-3 Unit 6	RLNG												
	Northern Block 4	RLNG												
	Northern Block 5	RFO												
	Northern Block 5	Gas												
	Northern Block 6	Gas												
	Nandipur	RLNG												
	Northern Total:		1,884						22,976,015	22,976,015		22,976,015		22,976,015
	GENCO-IV													
	LAHRA	Coal	31											
	Sub-Total:		31											
	GENCOs Total:-		4,204		351,404,835	3,046,294,957	228,227,875	3,274,522,832	(386,698,629)	(386,698,629)		2,659,598,328	228,227,875	2,887,826,003
3	IPPs													
	1. Kot Addu Block 1	RFO	325											
	RLNG													
	Kot Addu Block 2	HSD												
	RLNG		762											
	HSD													
	Kot Addu Block 3	RLNG												
	HSD		249						(124,895)	(124,895)			(124,895)	(124,895)
	NAPOO Total:		1,336						(124,895)	(124,895)			(124,895)	(124,895)
	2. Hub Power	RFO	1,208		(1,208,000)									
	Kohinoor Energy	RFO	124		1,774,000		59,019,720	2,023,101	61,042,821	(3)		59,019,720	2,023,098	61,042,818
	AES Lalpur	RFO	350							(58)			(58)	(59)
	Pak Gen Power Limited	RFO	350							(33)			(33)	(38)
	Habibullah	Gas	129											
	Fauji Kabirwala	Gas	151		390									
	Rousch	RLNG	395		26,709		676,908	14,257	691,165	(87)		676,908	14,257	691,165
	Saba Power	RFO	126											
	Uch	Gas	549		386,576,000		4,025,472,712	197,076,445	4,222,549,157	(121,510)		4,025,351,202	197,076,445	4,222,427,647
	Altarn	Gas	27											
	Liberty	Gas	212		108,280,500		2,470,365,595	68,181,125	2,538,546,720	(118,404)		2,470,247,191	68,180,497	2,538,427,688

S.No	Power Producers	Fuel	DPP Capacity (MW)	Energy kWh	Fuel Charges Rs.	VOIAM Charges Rs.	EPF Billing month (Rs.)	Prev. Adjustment in Cost (Rs.)	Prev. Adjustment in VOIAM (Rs.)	Prev. Adjustment in EPP Rs.	Supp. Charges	Total Fuel Cost	Total VOIAM Rs.	Total Energy Cost (Rs.)
18	Chattahoochee Nuclear-III	Nucel	340	224,897,000	316,654,976		316,654,976					316,654,976		316,654,976
19	Chattahoochee Nuclear-IV	Nucel	340	235,096,000	308,610,519		308,610,519					308,610,519		308,610,519
20	Kewaunee Nuclear Power Plant-Unit-2	Nucel	1,140	688,408,000	623,971,200		623,971,200					623,971,200		623,971,200
21	Kewaunee Nuclear Power Plant-Unit-3	Nucel	1,145	688,792,000	631,572,289		631,572,289					631,572,289		631,572,289
22	TennValley Unit 1	Import	96	3,852,600	869,046,719		869,046,719					869,046,719		869,046,719
1	Atco-Gen	REC	8,633	2,623,185,199	8,629,046,719		8,629,046,719					8,629,046,719		8,629,046,719
2	Atco-Gen	REC	2,200	4,216,539	9,742,326		9,742,326					9,742,326		9,742,326
3	Atco-Gen	REC	214	2,019,939	135,006,257		135,006,257					135,006,257		135,006,257
4	Atco-Gen	REC	196	109,424,537	66,030,320		66,030,320					66,030,320		66,030,320
5	Atco-Gen	REC	171	778,189,266	97,848,553		97,848,553					97,848,553		97,848,553
6	Atco-Gen	REC	213	21,301,427	12,300,968		12,300,968					12,300,968		12,300,968
7	Nichols Chemical	RFO	186	1,928,843	61,889,446		61,889,446					61,889,446		61,889,446
8	Self Power	RFO	204	842,731	20,366,439		20,366,439					20,366,439		20,366,439
9	Engco Energy	Gas	213	76,540,937	62,817,504		62,817,504					62,817,504		62,817,504
10	Stable Power	RFO	200											
11	Stable Power	RFO	214	4,217,174	6,357,812		6,357,812					6,357,812		6,357,812
12	Liberty Power	RFO	199	1,303,628	2,008,631		2,008,631					2,008,631		2,008,631
13	Liberty Power	RFO	199											
14	Liberty Power	RFO	381	238,558,000	2,422,407,660		2,422,407,660					2,422,407,660		2,422,407,660
15	Liberty Power	RFO	36	15,377,000	91,981,679		91,981,679					91,981,679		91,981,679
16	Liberty Power	RFO	26	15,149,000	90,693,886		90,693,886					90,693,886		90,693,886
17	Liberty Power	RFO	62	13,480,200	80,641,252		80,641,252					80,641,252		80,641,252
18	Liberty Power	RFO	24	28,594,930	170,521,192		170,521,192					170,521,192		170,521,192
19	Liberty Power	RFO	15	9,306,770	55,674,959		55,674,959					55,674,959		55,674,959
20	Liberty Power	RFO	36	185,952	72,728,708		72,728,708					72,728,708		72,728,708
21	Liberty Power	RFO	22	12,077,428	72,728,708		72,728,708					72,728,708		72,728,708
22	Liberty Power	RFO	1,220	4,459,400	70,122,638		70,122,638					70,122,638		70,122,638
23	Liberty Power	RFO	41	7,025,000	3,770,883,816		3,770,883,816					3,770,883,816		3,770,883,816
24	Liberty Power	RFO	41	121,719,200	2,467,740,671		2,467,740,671					2,467,740,671		2,467,740,671
25	Liberty Power	RFO	1,260	740,192,200	14,755,339,936		14,755,339,936					14,755,339,936		14,755,339,936</

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	598,168,313	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	1,085,422,212	(28,842,339)	32,041,377	3,199,038	-	974,895,121	113,626,129	1,088,621,250
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)	-	12,958,588,375	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			86,499,889	192,912,325	-	192,912,325	-	-	-	-	192,912,325	-	192,912,325
11	Bagasse			101,086,970	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	59,288,581,893	2,285,734,800	61,574,296,693	(611,093,258)	753,230,748	142,137,488	-	58,677,468,635	3,038,965,546	61,716,434,181
Prev. Adjustments :				-	(611,093,258)	753,230,748	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	RLNG	2,660	1,001,501,200	18.2782	18,305,680,845	362,452,481	1,380,678,085	-	20,048,811,411
		HSD				-	-	-		
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	



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

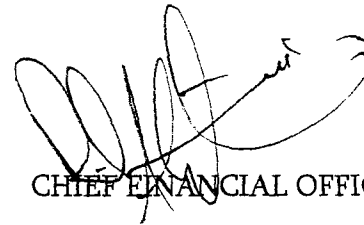
No. CPPA-G/2023/CFO/ 3653-54

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)

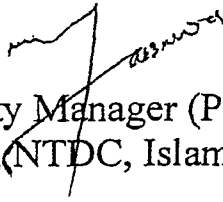
Tariff Division Record
By No. 1747
Dated 17-3-23

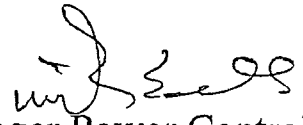
REGISTRAR OFFICE
Diary No. 3178
Date: 16-3-2023

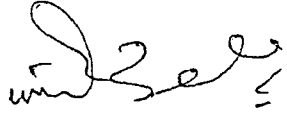
CERTIFICATE

**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

S. No.	Power Producers	Fuel	Capacity (MW)	Energy (MWh)	Fuel Charges Rs.	VOCM Charges Rs.	EPF Billings (Rs.)	Prev. Adjustment in Fuel (Rs.)	Prev. Adjustment in Fuel (Rs.)	Prev. Adjustment in ERP Rs.	Simple Charges	Total Fuel Cost Rs.	Total VOCM Rs.	Total Energy Cost (Rs.)
A														
B														
C														
D-B-C														
E														
F														
G-E-F														
H														
I-B-E-H														
J-C-E														
K-L-J														
I	WAPDA	Hydel	6,902	1,824,671,822	-	146,590,759	146,590,759	-	-	-	-	-	146,590,759	146,590,759
II	Jagran	Hydel	30	2,382,267	-	-	-	-	-	-	-	-	-	-
III	Pishore	Hydel	18	2,896,150	-	817,211	917,211	-	-	-	-	-	23,343,183	23,343,183
IV	Malakand SHTDO	Hydel	81	34,715,130	-	10,754,748	10,754,748	-	-	-	-	-	10,754,748	10,754,748
V	Luarab	Hydel	147	15,659,300	-	6,212,791	6,212,791	-	-	-	-	-	6,212,791	6,212,791
VI	Star Hydro	Hydel	147	1,411,860	-	-	-	-	-	-	-	-	-	-
VII	Sheel Marala	Hydel	999	-	-	-	-	-	-	-	-	-	-	-
VIII	Sheel Marla	Hydel	999	-	-	-	-	-	-	-	-	-	-	-
IX	Tatbela Est. 4	Hydel	1,478	12,761,250	-	2,478,123	2,478,123	-	-	-	-	-	3,093,187	3,093,187
X	Mira Power Limited	Hydel	101	3,607,020	-	-	-	-	-	-	-	-	-	-
XI	Data River	Hydel	37	154,106,800	-	-	-	-	-	-	-	-	-	-
XII	Karo Power Company (Pvt) Limited	Hydel	720	-	-	-	-	-	-	-	-	-	-	-
XIII	Ranola Hydro Power Complex	Hydel	17	-	-	-	-	-	-	-	-	-	-	-
Hydel Total:				2,092,157,599	-	160,730,841	160,730,841	-	-	52,585,843	52,585,843	-	210,316,684	210,316,684
E-WAPDA GENCO-II														
GENCO-I														
Jamshoro Block 1														
Unit 1				182	-	-	-	-	-	-	-	-	-	-
Jamshoro Block 2				467	-	-	-	-	-	-	-	-	-	-
Unit 2				-	-	-	-	-	-	-	-	-	-	-
Unit 3				-	-	-	-	-	-	-	-	-	-	-
Unit 4				-	-	-	-	-	-	-	-	-	-	-
Unit 5				-	-	-	-	-	-	-	-	-	-	-
Unit 6				-	-	-	-	-	-	-	-	-	-	-
Unit 7				-	-	-	-	-	-	-	-	-	-	-
Unit 8				-	-	-	-	-	-	-	-	-	-	-
Unit 9				-	-	-	-	-	-	-	-	-	-	-
Unit 10				-	-	-	-	-	-	-	-	-	-	-
Unit 11				-	-	-	-	-	-	-	-	-	-	-
Unit 12				-	-	-	-	-	-	-	-	-	-	-
Unit 13				-	-	-	-	-	-	-	-	-	-	-
Unit 14				-	-	-	-	-	-	-	-	-	-	-
Unit 15				-	-	-	-	-	-	-	-	-	-	-
Unit 16				-	-	-	-	-	-	-	-	-	-	-
Unit 17				-	-	-	-	-	-	-	-	-	-	-
Unit 18				-	-	-	-	-	-	-	-	-	-	-
Unit 19				-	-	-	-	-	-	-	-	-	-	-
Unit 20				-	-	-	-	-	-	-	-	-	-	-
Unit 21				-	-	-	-	-	-	-	-	-	-	-
Unit 22				-	-	-	-	-	-	-	-	-	-	-
Unit 23				-	-	-	-	-	-	-	-	-	-	-
Unit 24				-	-	-	-	-	-	-	-	-	-	-
Unit 25				-	-	-	-	-	-	-	-	-	-	-
Unit 26				-	-	-	-	-	-	-	-	-	-	-
Unit 27				-	-	-	-	-	-	-	-	-	-	-
Unit 28				-	-	-	-	-	-	-	-	-	-	-
Unit 29				-	-	-	-	-	-	-	-	-	-	-
Unit 30				-	-	-	-	-	-	-	-	-	-	-
Unit 31				-	-	-	-	-	-	-	-	-	-	-
Unit 32				-	-	-	-	-	-	-	-	-	-	-
Unit 33				-	-	-	-	-	-	-	-	-	-	-
Unit 34				-	-	-	-	-	-	-	-	-	-	-
Unit 35				-	-	-	-	-	-	-	-	-	-	-
Unit 36				-	-	-	-	-	-	-	-	-	-	-
Unit 37				-	-	-	-	-	-	-	-	-	-	-
Unit 38				-	-	-	-	-	-	-	-	-	-	-
Unit 39				-	-	-	-	-	-	-	-	-	-	-
Unit 40				-	-	-	-	-	-	-	-	-	-	-
Unit 41				-	-	-	-	-	-	-	-	-	-	-
Unit 42				-	-	-	-	-	-	-	-	-	-	-
Unit 43				-	-	-	-	-	-	-	-	-	-	-
Unit 44				-	-	-	-	-	-	-	-	-	-	-
Unit 45				-	-	-	-	-	-	-	-	-	-	-
Unit 46				-	-	-	-	-	-	-	-	-	-	-
Unit 47				-	-	-	-	-	-	-	-	-	-	-
Unit 48				-	-	-	-	-	-	-	-	-	-	-
Unit 49				-	-	-	-	-	-	-	-	-	-	-
Unit 50				-	-	-	-	-	-	-	-	-	-	-
Unit 51				-	-	-	-	-	-	-	-	-	-	-
Unit 52				-	-	-	-	-	-	-	-	-	-	-
Unit 53				-	-	-	-	-	-	-	-	-	-	-
Unit 54				-	-	-	-	-	-	-	-	-	-	-
Unit 55				-	-	-	-	-	-	-	-	-	-	-
Unit 56				-	-	-	-	-	-	-	-	-	-	-
Unit 57				-	-	-	-	-	-	-	-	-	-	-
Unit 58				-	-	-	-	-	-	-	-	-	-	-
Unit 59				-	-	-	-	-	-	-	-	-	-	-
Unit 60				-	-	-	-	-	-	-	-	-	-	-
Unit 61				-	-	-	-	-	-	-	-	-	-	-
Unit 62				-	-	-	-	-	-	-	-	-	-	-
Unit 63				-	-	-	-	-	-	-	-	-	-	-
Unit 64				-	-	-	-	-	-	-	-	-	-	-
Unit 65				-	-	-	-	-	-	-	-	-	-	-
Unit 66				-	-	-	-	-	-	-	-	-	-	-
Unit 67				-	-	-	-	-	-	-	-	-	-	-
Unit 68				-	-	-	-	-	-	-	-	-	-	-
Unit 69				-	-	-	-	-	-	-	-	-	-	-
Unit 70				-	-	-	-	-	-	-	-	-	-	-
Unit 71				-	-	-	-	-	-	-	-	-	-	-
Unit 72				-	-	-	-	-	-	-	-	-	-	-
Unit 73				-	-	-	-	-	-	-	-	-	-	-
Unit 74				-	-	-	-	-	-	-	-	-	-	-
Unit 75				-	-	-	-	-	-	-	-	-	-	-
Unit 76				-	-	-	-	-	-	-	-	-	-	-
Unit 77				-	-	-	-	-	-	-	-	-	-	-
Unit 78				-	-	-	-	-	-	-	-	-	-	-
Unit 79				-	-	-	-	-	-	-	-	-	-	-
Unit 80				-	-	-	-	-	-	-	-	-	-	-
Unit 81				-	-	-	-	-	-	-	-	-	-	-
Unit 82				-	-	-	-	-	-	-	-	-	-	-
Unit 83				-	-	-	-	-	-	-	-	-	-	-
Unit 84				-	-	-	-	-	-	-	-	-	-	-
Unit 85				-	-	-	-	-	-	-	-	-	-	-
Unit 86				-	-	-	-	-	-	-	-	-	-	-
Unit 87				-	-	-	-	-	-	-	-	-	-	-
Unit 88				-	-	-	-	-	-	-	-	-	-	-
Unit 89				-	-	-	-	-	-	-	-	-	-	-
Unit 90				-	-	-	-	-	-	-	-	-	-	-
Unit 91				-	-	-	-	-	-	-	-	-	-	-
Unit 92				-	-	-	-	-	-	-	-	-	-	-
Unit 93				-	-	-	-	-	-	-	-	-	-	-
Unit 94				-	-	-	-	-	-	-	-	-	-	-
Unit 95				-	-	-	-	-	-	-	-	-	-	-
Unit 96				-	-	-	-	-	-	-	-	-	-	-
Unit 97				-	-	-	-	-	-	-	-	-	-	-
Unit 98				-	-	-	-	-	-	-	-	-	-	-
Unit 99				-	-	-	-	-	-	-	-	-	-	-
Unit 100				-	-	-	-	-	-	-	-	-	-	-
Unit 101				-	-	-	-	-	-	-	-	-	-	-
Unit 102				-	-	-	-	-	-	-	-	-	-	-
Unit 103				-	-	-	-	-	-	-	-	-	-	-
Unit 104				-	-	-	-	-	-	-	-	-	-	-
Unit 105				-	-	-	-	-	-	-	-	-	-	-
Unit 106				-	-	-	-	-	-	-	-	-	-	-
Unit 107				-	-	-	-	-	-	-	-	-	-	-
Unit 108				-	-	-	-	-	-	-	-	-	-	-
Unit 109				-	-	-	-	-	-	-	-	-	-	-
Unit 110				-	-	-	-	-	-	-	-	-	-	-
Unit 111				-	-	-	-	-	-	-	-	-	-	-
Unit 112				-	-	-	-	-	-	-	-	-	-	-
Unit 113				-	-	-	-	-	-	-	-	-	-	-
Unit 114				-	-	-	-	-	-	-	-	-	-	-
Unit 115				-	-	-	-	-	-	-	-	-	-	-
Unit 116				-	-	-	-	-	-	-	-	-	-	-
Unit 117				-	-	-	-	-	-	-	-	-	-	-
Unit 118				-	-	-	-	-	-	-	-	-	-	-
Unit 119				-	-	-	-	-	-	-	-	-	-	-
Unit 120				-	-	-	-	-	-	-	-	-	-	-
Unit 121				-	-	-	-	-	-	-	-	-	-	-
Unit 122				-	-	-	-	-	-	-	-	-	-	-
Unit 123				-	-	-	-	-	-	-	-	-	-	-
Unit 124				-	-	-	-	-	-	-	-	-	-	-
Unit 125				-	-	-	-	-	-	-	-	-	-	-
Unit 126				-	-	-	-	-	-	-	-	-	-	-
Unit 127				-	-	-	-	-	-	-	-	-	-	-
Unit 128				-	-	-	-	-	-	-	-	-	-	-
Unit 129				-	-	-	-	-	-	-	-	-	-	-
Unit 130				-	-	-	-	-	-	-	-	-	-	-
Unit 131				-	-	-	-	-	-	-	-	-	-	-
Unit 132				-	-	-	-	-	-	-	-	-	-	-
Unit 133				-	-	-	-	-	-	-	-	-	-	-
Unit 134				-	-	-	-	-	-	-	-	-	-	-
Unit 135				-	-	-	-	-	-	-	-	-	-	-
Unit 136				-	-	-	-	-	-	-	-	-	-	-
Unit 137				-	-	-	-	-	-	-	-	-	-	-
Unit 138				-	-	-	-	-	-	-	-	-	-	-
Unit 139				-	-	-	-	-	-	-	-	-	-	-
Unit 140				-	-	-	-	-	-	-	-	-	-	-
Unit 141				-	-	-	-	-	-	-	-	-	-	-
Unit 142				-	-	-	-	-	-	-	-	-	-	-
Unit 143				-	-	-	-	-	-	-	-	-	-	-
Unit 144				-	-	-	-	-	-	-	-	-	-	-
Unit 145				-	-	-	-	-	-	-	-	-	-	-
Unit 146				-	-	-	-</							

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	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)		3,267,551,704	171,802,426	3,439,354,130
12	Uch	Gas	548	-	-	-	-	-	-	-	-	-	-	-
13	Alam	Gas	272	-	-	-	-	-	-	-	-	-	-	-
14	Liberty	Gas	212	-	-	-	-	-	-	-	-	-	-	-
16	Chashma Nuclear	Nuc.	300	191,632,000	233,541,919	276,025,232	233,541,919	(186,384,865)	(659)	(186,385,524)		233,541,919	(659)	233,541,919
17	Chashma Nuclear-II	Nuc.	315	201,346,000	276,025,232	276,025,232	276,025,232					276,025,232		276,025,232
18	Chashma Nuclear-III	Nuc.	340	200,701,000	282,587,008	282,587,008	282,587,008					282,587,008		282,587,008
19	Chashma Nuclear-IV	Nuc.	340	157,773,000	192,277,955	192,277,955	192,277,955					192,277,955		192,277,955
20	Karachi Nuclear Power Plant Unit-1	Nuc.	1,145	597,852,000	532,919,693	532,919,693	532,919,693	(2)		(2)		532,919,691		532,919,691
21	Karachi Nuclear Power Plant Unit-2	Nuc.	1,145	543,687,000	492,797,896	492,797,896	492,797,896					492,797,896		492,797,896
22	Tarapur Taru	Import	96	32,952,200	814,907,935	129,671,399	686,566,537	(129,671,399)	(539)	(129,671,398)		686,566,537		686,566,537
1	Attock Gen	RFO	8,633	2,205,379,200	6,480,467,547	200,240,954	6,680,708,431	(315,182,673)		(315,182,673)		6,365,525,059	200,240,954	6,565,766,013
2	Atta Power	RFO	156	19,745,745	395,342,466	43,182,917	438,525,313	(2)		(2)		438,525,311		438,525,311
3	Muhai Power	RFO	214	11,748,501	274,385,991	25,413,183	299,801,773	8,380,176	(9)	8,380,176		308,181,949		308,181,949
4	Muhai Power	Gas	195	15,077,688	110,116,352	13,238,782	123,355,114	6,516,474		6,516,474		6,559,850		6,559,850
5	Orangi	RFO	213	16,839,273	413,119,363	9,692,683	422,812,046	(645,959)		(645,959)		422,166,087		422,166,087
6	Muhai Channai	RFO	196	12,005,316	349,270,658	30,229,366	379,500,044	3,392,088		3,392,088		382,892,132		382,892,132
7	Saif Power	RFO	204	-	-	-	-	-	-	-	-	-	-	-
8	Empire Energy	RFO	213	81,080,500	780,906,929	64,589,006	845,495,935	(2,440,478)		(2,440,478)		843,055,457		843,055,457
9	Supplite Power	RFO	203	14,616,100	359,712,300	14,154,231	373,866,531					373,866,531		373,866,531
10	Hilco Power	RFO	214	24,690,108	531,086,674	45,018,736	576,105,412	10,320,665		10,320,665		586,426,077		586,426,077
11	Liberty Power	RFO	196	15,539,886	397,433,749	45,005,351	442,439,099	1,954,789		1,954,789		444,393,888		444,393,888
12	Helmire	RFO	199	-	-	-	-	-	-	-	-	-	-	-
13	Uch-I	Gas	381	194,073,280	1,969,377,221	101,337,087	2,070,714,308	(2,605,534)		(2,605,534)		1,967,108,694		1,967,108,694
14	Uch-II	Gas	26	14,154,300	84,673,853	14,246,303	98,920,156					98,920,156		98,920,156
15	Uch-III	Gas	26	13,655,880	81,153,807	12,658,386	93,812,193					93,812,193		93,812,193
16	Uch-IV	Gas	26	12,677,500	75,243,513	12,658,386	87,901,911					87,901,911		87,901,911
17	Uch-V	Gas	26	12,677,500	75,243,513	12,658,386	87,901,911					87,901,911		87,901,911
18	Uch-VI	Gas	26	12,677,500	75,243,513	12,658,386	87,901,911					87,901,911		87,901,911
19	Uch-VII	Gas	26	12,677,500	75,243,513	12,658,386	87,901,911					87,901,911		87,901,911
20	Uch-VIII	Gas	26	12,677,500	75,243,513	12,658,386	87,901,911					87,901,911		87,901,911
21	Uch-IX	Gas	26	12,677,500	75,243,513	12,658,386	87,901,911					87,901,911		87,901,911
22	Uch-X	Gas	26	12,677,500	75,243,513	12,658,386	87,901,911					87,901,911		87,901,911
23	China Hub Power (Pvt) Ltd	Coal	1,200	10,689,591	63,427,627	10,729,643	74,666,571	2,579,614		2,579,614		1,455,287		1,455,287
24	China Hub Power (Pvt) Ltd	Coal	660	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
25	Layyah Sugar Mills	RFO	41	3,174,920	78,815,007	13,280,557	92,075,564	22,678,099		22,678,099		114,753,663		114,753,663
26A	QATP	RFO	1,180	400,934,500	9,690,997,509	344,723,483	9,935,720,992					9,935,720,992		9,935,720,992
26B	Haveli Bahawal Shuh	RFO	1,200	520,533,900	11,912,083,768	159,803,908	12,071,887,676	(201,437,160)		(201,437,160)		11,870,450,516		11,870,450,516
27	Heating Standing Rupt Energy (Pvt) Ltd	Coal	1,300	101,053,200	3,117,076,902	26,708,361	3,143,785,263					3,143,785,263		3,143,785,263
28A	Bahli	RFO	1,300	505,725,500	11,799,702,685	173,214,409	11,972,917,094	(103,388,301)		(103,388,301)		11,869,528,793		11,869,528,793
28B	Bahli	RFO	1,300	505,725,500	11,799,702,685	173,214,409	11,972,917,094					11,869,528,793		11,869,528,793
31	Port Qaitum	Coal	1,300	11,130,700	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	60,813,782	3,351,080,916					3,351,080,916		3,351,080,916
33	Punjab Thermal Power (Private) Limited	RFO	1,300	3,697,800	998,515,715	2,659,789	1,001,175,504	(129,134,373)		(129,134,373)		871,041,131		871,041,131
34	Thermal Energy Limited	Coal	1,300	505,078,100	2,510,219,655	418,465,206	2,928,676,661	(9)		(9)		2,919,667,452		2,919,667,452
35	Thermal Energy Limited	Coal	1,300	505,078,100	2,510,219,655	418,465,206	2,928,676,661					2,919,667,452		2,919,667,452
36	Thermal Energy Limited	Coal	1,300	505,078,100	2,510,219,655	418,465,206	2,928,676,661					2,919,667,452		2,919,667,452
PPA's Total: 15,337 3,027,767,926 59,682,957,858 2,785,096,725 67,868,053,984 729,863,844 492,972,506 78,290,994 236,892,330 67,631,767,645														
Others:														
1	TFS-Qaitum	Gas	25	2,936,140	7,266,680	1,191,280	8,457,960					8,457,960		8,457,960
2	Zofir	Wind	56	2,396,830	6,081,792	2,726,097	8,808,689					8,808,689		8,808,689
3	FFCEL	Wind	50	2,664,800	6,927,450	2,927,450	9,854,900					9,854,900		9,854,900
4	TOF	Wind	50	2,927,450	7,692,450	3,149,251	10,841,701					10,841,701		10,841,701
5	Foundation	Wind	53	1,079,251	2,832,520	1,140,380	3,972,901					3,972,901		3,972,901
6	Supplite Wind Power	Wind	50	1,323,520	3,469,400	1,410,380	4,879,780					4,879,780		4,879,780
7	Yousaf Energy Ltd.	Wind	50	1,410,380	3,749,050	1,549,050	5,298,430					5,298,430		5,298,430
8	Motio Wind Power	Wind	50	1,410,380	3,749,050	1,549,050	5,298,430					5,298,430		5,298,430
9	Gul Ahmad Wind Power	Wind	50	1,410,380	3,749,050	1,549,050	5,298,430					5,298,430		5,298,430
10	Motio Wind Power	Wind	50	1,410,380	3,749,050	1,549,050	5,298,430					5,298,430		5,298,430
11	Tengas Central	Wind	31	786,680	2,056,142	868,680	2,924,862					2,924,862		2,924,862
12	Tengas Central	Wind	31	786,680	2,056,142	868,680	2,924,862					2,924,862		2,924,862
13	Tengas Central	Wind	31	786,680	2,056,142	868,680	2,924,862					2,924,862		2,924,862
14	SECL Wind	Wind	50	2,726,097	7,266,680	1,191,280	8,457,960					8,457,960		8,457,960
15	SECL Wind	Wind	50	2,726,097	7,266,680	1,191,280	8,457,960					8,457,960		8,457,960
16	SECL Wind	Wind	50	2,726,097	7,266,680	1,191,280	8,457,960					8,457,960		8,457,960
17	SECL Wind	Wind	50	2,726,097	7,266,680	1,191,280	8,457,960					8,457,960		8,457,960
18	SECL Wind	Wind	50	2,726,097	7,266,680	1,191,280	8,457,960					8,457,960		8,457,960
19	SECL Wind	Wind	50	2,726,097	7,266,680	1,191,280	8,457,960					8,457,960		8,457,960
20	SECL Wind	Wind	50	2,726,097	7,266,680	1,191,280	8,457,960					8,457,960		8,457,960
21	SECL Wind	Wind	50	2,726,097	7,266,680	1,191,280	8,457,960					8,457,960		8,457,960
22	SECL Wind	Wind	50	2,726,097	7,266,680	1,191,280	8,457,960					8,457,960		8,457,960
23	SECL Wind	Wind	50	2,726,097	7,266,680	1,191,280	8,457,960					8,457,960		8,457,960
24	SECL Wind	Wind	50	2,726,097	7,266,680	1,191,280	8,457,960					8,457,960		8,457,960
25	SECL Wind	Wind	50	2,726,097	7,266,680	1,191,280	8,457,960					8,457,960		8,457,960
26	SECL Wind	Wind	50	2,726,097	7,266,680	1,191,280	8,457,960					8,457,960		8,457,960
27	SECL Wind	Wind	50	2,726,097	7,266,680	1,191,280	8,457,960					8,457,960		8,457,960
28	SECL Wind	Wind	50	2,726,097	7,266,680	1,191,280	8,457,960					8,457,960		8,457,960
29	SECL Wind	Wind	50	2,726,097	7,266,680	1,191,280	8,457,960					8,457,960		8,457,960
30	SECL Wind	Wind	50	2,726,097	7,266,680	1,191,280	8,457,960					8,457,960		8,457,960
31	SECL Wind	Wind	50	2,726,097	7,266,680	1,191,280	8,457,960					8,457,960		8,457,960
32	SECL Wind	Wind	50	2,726,097	7,266,680	1,191,280	8,457,960					8,457,960		8,457,960
33	SECL Wind	Wind	50	2,726,097	7,266,680	1,191,280	8,457,960					8,457,960		8,457,960

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	Zenith Pakistan New Energy Company Limit	Solar	50	13,464,400	-	-	-	-	-	-	-	-	-	-
42	Liberty Wind Power-Ltd (Pvt) Ltd	Wind	100	3,415,480	-	-	-	-	-	-	-	-	-	-
43	NASDA Green Energy Limited	Wind	50	4,216,710	-	-	-	-	-	-	-	-	-	-
44	NASDA Green Energy Limited	Wind	50	5,520,670	-	-	-	-	-	-	-	-	-	-
45	Net Meeting Not 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	3,007,497,696	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	-	745,776,157	14,462,115,024	-	489,738,428	329,419,495	-	1,215,514,586	14,791,534,519	14,791,534,519
3	F.O.			107,773,666	-	217,888,932	2,553,694,830	-	3,262,419	33,806,609	-	2,366,350,088	221,151,351	2,587,501,439
4	Gas			849,610,648	-	467,080,661	9,020,937,951	-	(28,418)	(193,278,725)	-	8,360,608,983	467,052,243	8,827,661,226
5	Renewable			1,462,357,073	-	34,160,861,341	34,865,408,824	-	(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	-	814,907,935	814,907,935	(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	-	536,467,435	702,483,707	-	-	0	-	536,467,435	166,016,272	702,483,707
11	Grand Total			1,873,270	-	11,257,958	64,607,686,773	-	545,557,348	184,306,485	-	61,409,882,582	3,007,497,696	64,417,380,278
Total For The month				7,755,639,255	-	2,461,940,347	64,607,686,773	729,863,844	545,557,348	184,306,485	-	61,409,882,582	3,007,497,696	64,417,380,278
Prev. Adjustments :				(11,711,392)	-	62,139,748,426	64,601,686,773	-	-	-	-	61,409,882,582	-	61,409,882,582
GRAND TOTAL :				7,743,927,863	-	3,007,497,696	64,417,380,278	-	-	-	-	61,409,882,582	-	61,409,882,582

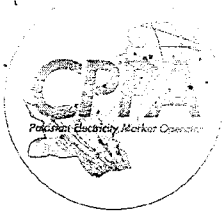
Energy Cost (Rs.)	61,409,882,582	3,007,497,696	64,417,380,278
Cost not chargeable to DISCOs (Rs.)	762,297,833	-	762,297,833
EPP (Chargeable) (Rs.)	60,647,584,749	3,007,497,696	63,655,082,445
Energy Sold (kWh)	7,516,193,650	7,516,193,650	7,516,193,650
Avg. Rate (Rs./kWh)	8.0689	0.4001	8.4691

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

CENTRAL POWER PURCHASING AGENCY (CPPA)
Detail Breakup of FCC Claimed
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					
1	Foundation Power Company Dabarki 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	RLNG	213	16,839,273	22,4491	378,026,524	5,103,355	29,989,484	-	413,119,363
3	Saif Power Limited	RLNG	204	81,060,500	-	707,528,466	10,612,927	42,765,536	-	760,906,929
4	Engro Powergen Qadirpur Limited	Gas	213	14,616,100	8,7284	326,361,110	4,405,887	28,945,303	-	359,712,300
5	Sapphire Electric Company Limited	RLNG	203	-	22,3289	-	-	-	-	-
6	Halnora Power Generation Company Limited	RLNG	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	RLNG	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	RLNG	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
					B					

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	



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/5453-54

Dated: April 14, 2023

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

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

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


14/04/23
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: 19-4-23

Forwarded please:

☒ For nec action ☐ for information

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

For kind information please

✓ Chairman 2. M (Tech.)
3. M (Lic.) 4. M (Trf. & Fin.)
5. M (Law)

Tariff Division Record
By No. 2493
Dated: 18-4-23

RECEIVED
18-4-23
4257



CERTIFICATE

FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

REGARDING 2002 POWER POLICY

FOR THE MONTH OF MARCH 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

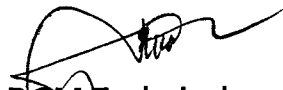
REGARDING 1994 POWER POLICY (HUBCO INCLUSIVE)

FOR THE MONTH OF MARCH 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.

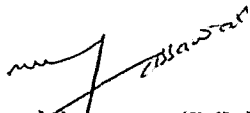

DGM Technical


DGMF-INCPPA-G

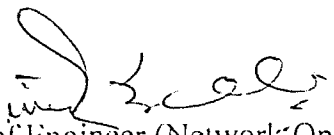
CERTIFICATE

Subject: MONTHLY FUEL CHARGES ADJUSTMENT OF DISCOS FOR THE MONTH OF MARCH-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 March-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.

[illegible]

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

S.No	Power Producers	Fuel	Capacity (MW)	Energy KWH	Fuel Charges Rs.	VOOM Charges Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in VOOM (Rs.)	Prev. Adjustment in EPP Total Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VOOM Rs.	Total Energy Cost (Rs.)
10	Saba Power	RFO	126	342,174,000	4,004,820,698	210,136,926	4,222,964,623	(512)		(512)		4,004,820,698	210,136,926	4,222,964,623
11	Liberty	Gas	560											
12	Alcon	Gas	27											
13	Liberty	Gas	212	8,862,600	1,699,286,830	6,977,992	1,699,286,832					1,699,286,830	6,977,992	1,699,286,830
14	Chattam Nuclear	Nuel	300	170,941,000	208,326,797		208,326,797					208,326,797		208,326,797
15	Chattam Nuclear-II	Nuel	315	208,648,000	208,036,543		286,036,543					286,036,543		286,036,543
16	Chattam Nuclear-III	Nuel	340	231,177,000	325,497,216		304,973,028					304,973,028		304,973,028
17	Chattam Nuclear-IV	Nuel	340	232,326,000	304,973,028		304,973,028					304,973,028		304,973,028
18	Chattam Nuclear-V	Nuel	340	232,326,000	304,973,028		304,973,028					304,973,028		304,973,028
19	Kanchi Nuclear Power Plant Unit-1	Nuel	1,140	638,491,000	678,728,242		678,728,242					678,728,242		678,728,242
20	Kanchi Nuclear Power Plant Unit-2	Nuel	1,145	520,426,000	459,223,020		459,223,020					459,223,020		459,223,020
21	Kanchi Nuclear Power Plant Unit-3	Nuel	1,445	520,426,000	459,223,020		459,223,020					459,223,020		459,223,020
22	Tamil Nadu	Import	96	31,681,200	738,567,173		738,567,173	(129,030,620)		(129,030,620)		609,536,552		609,536,552
Sub Total			8,623	2,390,358,800	8,723,562,980	235,064,613	8,968,617,493	(2,699,748)	2,007,179	(592,569)		8,730,913,231	237,071,692	8,968,024,923
1	Alcon Gen	RFO	136	4,210,584	86,148,737	9,206,464	94,365,201	27,875,637	107,321,188	135,198,726		113,024,274	116,527,652	229,551,926
2	Alcon Power	RFO	214	10,857,337	231,748,773	23,485,606	255,234,278	68,766,947	1,074,969	67,880,878		300,504,619	22,410,537	322,915,156
3	Mitha Power	RFO	195	1,861,287	43,470,730	4,674,361	48,145,091	36,421,764	1,321,607	46,742,361		78,992,484	90,214,931	169,207,415
4	Foundation Power	Gas	171	38,986,078	711,484,149	84,724,833	796,213,982	(841,694)		(841,694)		795,372,288	84,724,833	880,097,121
5	Oront	RUNG	213	48,249,625	1,411,103,395	27,772,486	1,438,876,881	84,680,178		84,680,178		1,483,556,059	27,772,486	1,511,328,545
6	Mitha Chunan	RFO	196	1,673,338	48,557,297	4,213,465	52,770,762	49,766,980	17,972,803	67,738,783		98,333,236	22,186,266	120,519,502
7	Sat Power	RUNG	204	13,704,409	414,493,342	13,417,423	427,910,765	65,891,374		65,891,374		480,384,716	13,417,423	493,802,139
8	Enigma Energy	HSD	213	83,765,000	814,829,483	66,413,429	881,242,912	(5,672,394)		(5,672,394)		909,571,009	66,413,429	975,984,438
9	Saphire Power	RUNG	203	41,882,680	1,220,067,072	40,659,187	1,260,626,259	36,804,474		36,804,474		1,296,671,546	40,659,187	1,337,330,733
10	Hibco National	HSD	214	12,318,161	239,792,489	22,281,667	262,074,156	47,481,237	17,073,926	64,496,163		287,273,706	38,296,593	325,570,299
11	Liberty Power	RFO	196	3,860,336	78,474,840	9,010,024	87,484,865	17,901,653	39,154,296	57,055,860		96,378,384	48,164,321	144,542,705
12	Himico	RUNG	189					31,888,685		31,888,685		31,888,685		31,888,685
13	Uchil	Gas	381	213,233,232	2,154,840,003	111,220,878	2,266,060,881	(1,693,604)	(23)	(1,693,627)		2,164,367,254	111,220,865	2,275,588,119
14	JDW-I	Bagasse	26	16,833,200	74,717,389	15,936,116	110,653,486	0	0	0		94,717,389	15,936,116	110,653,486
15	JDW-II	Bagasse	26	17,364,610	103,878,670	17,477,480	121,356,050	(0)	(0)	0		103,878,670	17,477,480	121,356,050
16	RVK	Bagasse	24	10,399,200	62,210,095	10,465,765	72,675,860	(1)	(1)	0		62,210,095	10,465,765	72,675,859
17	Chinnai Power	Bagasse	16	3,313,460	13,706,475	3,326,035	17,032,510	(0)	(0)	0		13,706,475	3,326,035	17,032,510
18	Himza Sugar Mills	Bagasse	15	6,179,400	36,966,407	6,219,666	43,186,072	0	(0)	0		36,966,407	6,219,666	43,186,072
19	Amul Industries Limited	Bagasse	36	2,604,166	14,980,422	2,604,443	17,584,865					14,980,422	2,604,443	17,584,865
20	Chinnai Energy Limited	Bagasse	22	6,668,261	33,948,789	6,668,030	38,616,819	(0)	(0)	0		33,948,789	6,668,030	38,616,819
21	Chinnai Energy Limited	Bagasse	1220	16,389,200	418,244,611	16,738,608	434,983,219	(14,406)	(67,671)	(81,078)		418,244,611	16,738,608	434,983,219
22	Chinnai Energy Limited	Bagasse	1220	16,389,200	418,244,611	16,738,608	434,983,219	(14,406)	(67,671)	(81,078)		418,244,611	16,738,608	434,983,219
23	Chinnai Energy Limited	Bagasse	1220	16,389,200	418,244,611	16,738,608	434,983,219	(14,406)	(67,671)	(81,078)		418,244,611	16,738,608	434,983,219
24	Chinnai Energy Limited	Bagasse	1220	16,389,200	418,244,611	16,738,608	434,983,219	(14,406)	(67,671)	(81,078)		418,244,611	16,738,608	434,983,219
25	Chinnai Energy Limited	Bagasse	1220	16,389,200	418,244,611	16,738,608	434,983,219	(14,406)	(67,671)	(81,078)		418,244,611	16,738,608	434,983,219
26	Chinnai Energy Limited	Bagasse	1220	16,389,200	418,244,611	16,738,608	434,983,219	(14,406)	(67,671)	(81,078)		418,244,611	16,738,608	434,983,219
27	Chinnai Energy Limited	Bagasse	1220	16,389,200	418,244,611	16,738,608	434,983,219	(14,406)	(67,671)	(81,078)		418,244,611	16,738,608	434,983,219
28	Chinnai Energy Limited	Bagasse	1220	16,389,200	418,244,611	16,738,608	434,983,219	(14,406)	(67,671)	(81,078)		418,244,611	16,738,608	434,983,219
29	Chinnai Energy Limited	Bagasse	1220	16,389,200	418,244,611	16,738,608	434,983,219	(14,406)	(67,671)	(81,078)		418,244,611	16,738,608	434,983,219
30	Chinnai Energy Limited	Bagasse	1220	16,389,200	418,244,611	16,738,608	434,983,219	(14,406)	(67,671)	(81,078)		418,244,611	16,738,608	434,983,219
31	Chinnai Energy Limited	Bagasse	1220	16,389,200	418,244,611	16,738,608	434,983,219	(14,406)	(67,671)	(81,078)		418,244,611	16,738,608	434,983,219
32	Chinnai Energy Limited	Bagasse	1220	16,389,200	418,244,611	16,738,608	434,983,219	(14,406)	(67,671)	(81,078)		418,244,611	16,738,608	434,983,219
33	Chinnai Energy Limited	Bagasse	1220	16,389,200	418,244,611	16,738,608	434,983,219	(14,406)	(67,671)	(81,078)		418,244,611	16,738,608	434,983,219
34	Chinnai Energy Limited	Bagasse	1220	16,389,200	418,244,611	16,738,608	434,983,219	(14,406)	(67,671)	(81,078)		418,244,611	16,738,608	434,983,219
35	Chinnai Energy Limited	Bagasse	1220	16,389,200	418,244,611	16,738,608	434,983,219	(14,406)	(67,671)	(81,078)		418,244,611	16,738,608	434,983,219
36	Chinnai Energy Limited	Bagasse	1220	16,389,200	418,244,611	16,738,608	434,983,219	(14,406)	(67,671)	(81,078)		418,244,611	16,738,608	434,983,219
37	Chinnai Energy Limited	Bagasse	1220	16,389,200	418,244,611	16,738,608	434,983,219	(14,406)	(67,671)	(81,078)		418,244,611	16,738,608	434,983,219
38	Chinnai Energy Limited	Bagasse	1220	16,389,200	418,244,611	16,738,608	434,983,219	(14,406)	(67,671)	(81,078)		418,244,611	16,738,608	434,983,219
39	Chinnai Energy Limited	Bagasse	1220	16,389,200	418,244,611	16,738,608	434,983,219	(14,406)	(67,671)	(81,078)		418,244,611	16,738,608	434,983,219
40	Chinnai Energy Limited	Bagasse	1220	16,389,200	418,244,611	16,738,608	434,983,219	(14,406)	(67,671)	(81,078)		418,244,611	16,738,608	434,983,219
41	Chinnai Energy Limited	Bagasse	1220	16,389,200	418,244,611	16,738,608	434,983,219	(14,406)	(67,671)	(81,078)		418,244,611	16,738,608	434,983,219
42	Chinnai Energy Limited	Bagasse	1220	16,389,200	418,244,611	16,738,608	434,983,219	(14,406)	(67,671)	(81,078)		418,244,611	16,738,608	434,983,219
43	Chinnai Energy Limited	Bagasse	1220	16,389,200	418,244,611	16,738,608	434,983,219	(14,406)	(67,671)	(81,078)		418,244,611	16,738,608	434,983,219
44	Chinnai Energy Limited	Bagasse	122											

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

S. No.	Power Producers	Fuel	Capacity (MW)	Energy KWH	Fuel Charges Rs.	VOAM Charge Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. VOAM (Rs.)	Prev. Adjustment in Total Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VOAM Rs.	Total Energy Cost (Rs.)
35	Arctic Wind Power (Pvt.) Ltd.	Wind	50	7,208,360	-	-	-	-	-	-	-	-	-	-
36	India Wind Energy Ltd.	Wind	50	7,160,400	-	-	-	-	-	-	-	-	-	-
37	Lakeside Energy Limited	Wind	50	7,916,910	-	-	-	-	-	-	-	-	-	-
38	Liberty Wind Power Ltd.	Wind	50	6,391,280	-	-	-	-	-	-	-	-	-	-
39	DNV Energy Ltd.	Wind	50	6,708,940	-	-	-	-	-	-	-	-	-	-
40	Gul Ahmed Electric Limited	Wind	50	8,250,160	-	-	-	-	-	-	-	-	-	-
41	Atlas Solar Limited	Solar	100	17,793,500	-	-	-	-	-	-	-	-	-	-
42	Liberty Wind Power II (Pvt.) Ltd	Wind	100	6,470,380	-	-	-	-	-	-	-	-	-	-
43	MASDA Green Energy Limited	Wind	50	7,540,970	-	-	-	-	-	-	-	-	-	-
44	Masinda Green Energy Limited	Wind	50	10,786,660	-	-	-	-	-	-	-	-	-	-
45	Metco Wind Power Limited	Solar	257	28,866,015	-	-	-	-	-	-	-	-	-	-
46	Metco Wind Power Limited	Mixed	257	3,562,170	-	-	-	-	-	-	-	-	-	-
Sub-Total			2,693	335,618,286	18,759,715	-	18,759,715	-	-	-	-	18,759,715	-	18,759,715
G-Total:			41,460	8,741,322,452	71,830,084,999	3,022,791,007	74,852,876,006	760,060,382	127,226,479	887,286,861	-	72,590,145,381	3,150,017,486	75,740,162,867

Summary														
1	Hydel			2,001,612,630		237,851,448	237,851,448			199,766,093		199,766,093	437,617,531	437,617,531
2	Coal			1,335,514,145	11,570,632,765	1,075,030,069	12,645,662,834	418,233,034	(263,571,639)	154,661,496	-	11,988,865,799	811,458,531	12,800,324,330
3	HSO													
4	F.O.			40,526,053	862,268,239	78,147,721	940,416,960	247,201,393	191,708,852	438,910,245	-	1,109,469,632	269,856,573	1,379,326,206
5	Gas			1,107,011,187	12,467,308,461	669,450,265	13,136,758,727	183,060,145	(23)	183,060,122	-	12,650,388,606	669,450,243	13,319,818,849
6	Renew			2,002,097,914	43,312,487,530	853,046,238	44,235,633,768	40,596,431	(676,895)	39,919,636	-	43,423,083,981	652,389,343	44,275,453,304
7	Import from Iran			31,591,200	2,162,782,846		2,162,782,846				-	2,162,782,846		2,162,782,846
8	Wind Power			221,327,097	718,657,173		718,657,173	(129,030,620)		(129,030,620)	-	609,626,552		609,626,552
9	Solar			110,729,029							-			
10	Biogas			104,898,127	627,288,271	109,266,265	736,553,536				-	627,288,270	109,266,265	736,553,535
11	Mixed			3,562,170	18,759,715		18,759,715	(1)	(9)	(1)	-	18,759,715		18,759,715
Totals for the month				8,741,322,452	71,830,084,999	3,022,791,007	74,852,876,006	760,060,382	127,226,479	887,286,861	-	72,590,145,381	3,150,017,486	75,740,162,867
Prev. Adjustments :				(12,289,382)	760,060,382		887,286,861				-			
GRAND TOTALS :				8,729,033,070	72,590,145,381	3,150,017,486	75,740,162,867				-			

Energy Cost (Rs.)	72,590,145,381	3,150,017,486	75,740,162,867
Cost not chargeable to DISCOs (Rs.)	2,347,707,648	-	2,347,707,648
EPP (Chargeable) (Rs.)	70,242,437,733	3,150,017,486	73,392,455,219
Energy Sold (KWH)	8,459,240,849	8,459,240,849	8,459,240,849
Avg. Rate (Rs./KWH)	8.3036	0.3724	8.6750

Reference Rate (Rs./KWH)	8.7122
FCA Rate Current month (Rs./KWH)	(0.4086)
Arrear Claim (Rs.)	13,385,948,984
Impact on FCA(Rs./KWH)	1.5824
Revised FCA Rate after Arrear (Rs./KWH)	1.1738

Detail Breakup of FCC Claimed For the Month of March 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 Dabarki Ltd.	Gas	171	96,966,078	6.4307	623,561,465	26,189,582	61,733,102	-	711,484,149
2	Orient Power Company (Private) Limited	RLNG	213	48,249,625	26.3099	1,269,442,809	17,137,478	124,523,109	-	1,411,103,395
3	Saf Power Limited	RLNG	204	13,704,409	26.3085	360,542,564	4,867,324	49,083,464	-	414,493,342
4	Engro Powergen Qadirpur Limited	Gas	213	83,765,000	8.5399	715,341,372	24,564,882	74,923,329	-	814,828,483
5	Sapphire Electric Company Limited	RLNG	203	41,882,680	26.3099	1,101,929,123	14,876,043	103,261,906	-	1,220,067,072
6	Halmore Power Generation Company Limited	RLNG	199	-	-	-	-	-	-	-
7	Uch-II Power (Pvt). Limited	Gas	381	213,323,232	9.5930	2,046,402,843	67,531,294	40,905,866	-	2,154,840,003
8	Quaid-e-Azam Thermal Power (Pvt) Limited	RLNG	1,180	390,834,700	21.8672	8,546,460,562	169,219,919	979,644,569	-	9,695,325,030
9	National Power Parks Management Company Private	RLNG	2,550	1,250,077,200	21.2107	26,514,989,026	524,996,784	2,389,656,665	-	29,429,642,475
IPPs Total:-				5,314	2,138,802,924	41,178,669,743	849,383,306	3,823,731,900	-	45,851,784,949
B										

Detail Of Energy Imported From Small Power Producers					
DISCO	Captive	Contract Capacity (MW)	Description	Mar, 2023	Rate (Rs./KWh)
HESCO	Thatta Power (Pvt.) Ltd.,	18.80	Energy	1,019,030	5.04
			Cost (Rs.)	5,135,859	
	DISCO's Total:-	56.80	Energy	2,755,650	5.04
			Cost (Rs.)	13,888,334	
SEPCO	AL Noor Sugar Mills		Energy	806,520	6.04
			Cost (Rs.)	4,871,381	
	DISCO's Total:-	16.00	Energy	806,520	6.04
			Cost (Rs.)	4,871,381	
G-Total		61.80	Energy	3,562,170	5.27
			Cost (Rs.)	18,759,715	



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

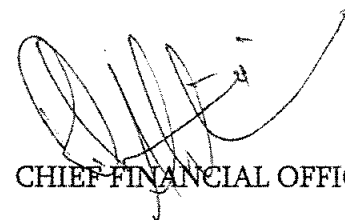
No. CPPA-G/2023/CFO/6409-10

Dated: May 15, 2023

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

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

With reference to the FCA mechanism provided in XWDISCOs' tariff determination, please find attached the Energy Data for the month of April 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 Division Record
By No. 3068
Dated 17-5-23

TARIFF (DEPARTMENT)

Dir (T-I)..... Dir (T-II).....
Dir (T-III)..... Dir (T-IV).....
Dir (T-V)..... Addl. Dir (RE).....
Date 17-05-23

Forwarded please:

☒ For nec action ☐ for information

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

For kind information please

- ✓ 1. Chairman
- ✓ 2. M (Tech.)
- ✓ 3. M (Lic.)
- ✓ 4. M (Trf. & Fin)
- ✓ 5. M (Law)

REGISTRAR OFFICE

By No. 6348

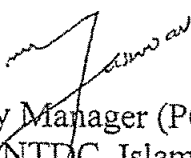
Date 16/5/23

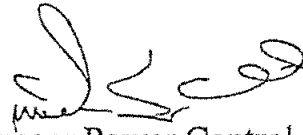
CERTIFICATE

Subject: **MONTHLY FUEL CHARGES ADJUSTMENT OF DISCOS
FOR THE MONTH OF APRIL -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 April-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 2002 POWER POLICY

FOR THE MONTH OF APRIL 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 APRIL 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

CENTRAL POWER PURCHASING AGENCY (C-PPA)
Energy Procurement Report (Provisional)
For the Month of April 2023

S.No	Power Producers	Field	Capacity (MW)	Energy MWh	Fuel Charges Rs.	VOCA Charges Rs.	Dr-BKs	Prev. Adjustment in Fuel (Rs.)	Prev. Adjustment in VOCA (Rs.)	Gr-EP	Stope Charges	Total Fuel Cost Rs.	Total VOCA Rs.	Total Energy Cost (Rs.)
1	WPPDA	Hydel	6,902	1,270,316,341	-	120,874,100	120,874,100	-	6,170,072	1	-	1,270,316,341	6,170,072	1,276,486,413
	WPPDA	Hydel	36	10,177,541	-	-	-	-	-	-	-	10,177,541	-	10,177,541
	WPPDA	Hydel	36	10,177,541	-	-	-	-	-	-	-	10,177,541	-	10,177,541
	WPPDA	Hydel	36	10,177,541	-	-	-	-	-	-	-	10,177,541	-	10,177,541
	WPPDA	Hydel	36	10,177,541	-	-	-	-	-	-	-	10,177,541	-	10,177,541
	WPPDA	Hydel	36	10,177,541	-	-	-	-	-	-	-	10,177,541	-	10,177,541
	WPPDA	Hydel	36	10,177,541	-	-	-	-	-	-	-	10,177,541	-	10,177,541
	WPPDA	Hydel	36	10,177,541	-	-	-	-	-	-	-	10,177,541	-	10,177,541
	WPPDA	Hydel	36	10,177,541	-	-	-	-	-	-	-	10,177,541	-	10,177,541
	WPPDA	Hydel	36	10,177,541	-	-	-	-	-	-	-	10,177,541	-	10,177,541
	WPPDA	Hydel	36	10,177,541	-	-	-	-	-	-	-	10,177,541	-	10,177,541
	WPPDA	Hydel	36	10,177,541	-	-	-	-	-	-	-	10,177,541	-	10,177,541
	WPPDA	Hydel	36	10,177,541	-	-	-	-	-	-	-	10,177,541	-	10,177,541
2	GENCO-I	Hydel	182	100,281,000	1,546,031,125	13,110,361	1,559,143,486	-	-	-	-	1,560,631,125	13,110,361	1,573,741,486
	GENCO-I	Hydel	182	100,281,000	1,546,031,125	13,110,361	1,559,143,486	-	-	-	-	1,560,631,125	13,110,361	1,573,741,486
	GENCO-I	Hydel	182	100,281,000	1,546,031,125	13,110,361	1,559,143,486	-	-	-	-	1,560,631,125	13,110,361	1,573,741,486
	GENCO-I	Hydel	182	100,281,000	1,546,031,125	13,110,361	1,559,143,486	-	-	-	-	1,560,631,125	13,110,361	1,573,741,486
	GENCO-I	Hydel	182	100,281,000	1,546,031,125	13,110,361	1,559,143,486	-	-	-	-	1,560,631,125	13,110,361	1,573,741,486
	GENCO-I	Hydel	182	100,281,000	1,546,031,125	13,110,361	1,559,143,486	-	-	-	-	1,560,631,125	13,110,361	1,573,741,486
	GENCO-I	Hydel	182	100,281,000	1,546,031,125	13,110,361	1,559,143,486	-	-	-	-	1,560,631,125	13,110,361	1,573,741,486
	GENCO-I	Hydel	182	100,281,000	1,546,031,125	13,110,361	1,559,143,486	-	-	-	-	1,560,631,125	13,110,361	1,573,741,486
	GENCO-I	Hydel	182	100,281,000	1,546,031,125	13,110,361	1,559,143,486	-	-	-	-	1,560,631,125	13,110,361	1,573,741,486
	GENCO-I	Hydel	182	100,281,000	1,546,031,125	13,110,361	1,559,143,486	-	-	-	-	1,560,631,125	13,110,361	1,573,741,486
	GENCO-I	Hydel	182	100,281,000	1,546,031,125	13,110,361	1,559,143,486	-	-	-	-	1,560,631,125	13,110,361	1,573,741,486
	GENCO-I	Hydel	182	100,281,000	1,546,031,125	13,110,361	1,559,143,486	-	-	-	-	1,560,631,125	13,110,361	1,573,741,486
	GENCO-I	Hydel	182	100,281,000	1,546,031,125	13,110,361	1,559,143,486	-	-	-	-	1,560,631,125	13,110,361	1,573,741,486
3	GENCO-II	Hydel	182	100,281,000	1,546,031,125	13,110,361	1,559,143,486	-	-	-	-	1,560,631,125	13,110,361	1,573,741,486
	GENCO-II	Hydel	182	100,281,000	1,546,031,125	13,110,361	1,559,143,486	-	-	-	-	1,560,631,125	13,110,361	1,573,741,486
	GENCO-II	Hydel	182	100,281,000	1,546,031,125	13,110,361	1,559,143,486	-	-	-	-	1,560,631,125	13,110,361	1,573,741,486
	GENCO-II	Hydel	182	100,281,000	1,546,031,125	13,110,361	1,559,143,486	-	-	-	-	1,560,631,125	13,110,361	1,573,741,486
	GENCO-II	Hydel	182	100,281,000	1,546,031,125	13,110,361	1,559,143,486	-	-	-	-	1,560,631,125	13,110,361	1,573,741,486
	GENCO-II	Hydel	182	100,281,000	1,546,031,125	13,110,361	1,559,143,486	-	-	-	-	1,560,631,125	13,110,361	1,573,741,486
	GENCO-II	Hydel	182	100,281,000	1,546,031,125	13,110,361	1,559,143,486	-	-	-	-	1,560,631,125	13,110,361	1,573,741,486
	GENCO-II	Hydel	182	100,281,000	1,546,031,125	13,110,361	1,559,143,486	-	-	-	-	1,560,631,125	13,110,361	1,573,741,486
	GENCO-II	Hydel	182	100,281,000	1,546,031,125	13,110,361	1,559,143,486	-	-	-	-	1,560,631,125	13,110,361	1,573,741,486
	GENCO-II	Hydel	182	100,281,000	1,546,031,125	13,110,361	1,559,143,486	-	-	-	-	1,560,631,125	13,110,361	1,573,741,486
	GENCO-II	Hydel	182	100,281,000	1,546,031,125	13,110,361	1,559,143,486	-	-	-	-	1,560,631,125	13,110,361	1,573,741,486
	GENCO-II	Hydel	182	100,281,000	1,546,031,125	13,110,361	1,559,143,486	-	-	-	-	1,560,631,125	13,110,361	1,573,741,486
	GENCO-II	Hydel	182	100,281,000	1,546,031,125	13,110,361	1,559,143,486	-	-	-	-	1,560,631,125	13,110,361	1,573,741,486
	GENCO-II	Hydel	182	100,281,000	1,546,031,125	13,110,361	1,559,143,486	-	-	-	-	1,560,631,125	13,110,361	1,573,741,486

For the Month of April 2023

Sl. No.	Power Producers	Fuel	Capacity (MW)	Energy (KWh)	Plant Charges Rs.	YORK Charges Rs.	ERP Billing month (Rs.)	Price Adjustment in Fuel Cost (Rs.)	Price Adjustment in YORK (Rs.)	Price Adjustment in ERP Total Rs.	Supp. Charges	Total Fuel Cost	Total YORK	Total Energy Cost (Rs.)
1	Alcoa Power	RF	8,633	2,104,680,000	256,521,726	81,249,130	256,521,726					256,521,726	81,249,130	337,770,856
2	Alcoa Power	RF	315	59,267,000	81,249,130	317,066,236	81,249,130					317,066,236	317,066,236	634,332,472
3	Alcoa Power	RF	340	225,182,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
4	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
5	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
6	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
7	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
8	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
9	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
10	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
11	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
12	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
13	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
14	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
15	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
16	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
17	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
18	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
19	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
20	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
21	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
22	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
23	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
24	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
25	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
26	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
27	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
28	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
29	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
30	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
31	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
32	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
33	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
34	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
35	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
36	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
37	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
38	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
39	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
40	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
41	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
42	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
43	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
44	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
45	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
46	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
47	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
48	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
49	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
50	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
51	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
52	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
53	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
54	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
55	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
56	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
57	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
58	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
59	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
60	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
61	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
62	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
63	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
64	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
65	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
66	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
67	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
68	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
69	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
70	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
71	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
72	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
73	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
74	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
75	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
76	Alcoa Power	RF	340	223,140,000	317,066,236	292,915,878	317,066,236					292,915,878	317,066,236	610,002,114
77	Alcoa Power													

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

S.No.	Power Producers	Fuel	Capacity (MW)	Energy MWh	Fuel Charges Rs.	VOBM Charges Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel (Rs.)	Prev. Adjustment in VOBM (Rs.)	Prev. Adjustment in EPP Total Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VOBM Rs.	Total Energy Cost (Rs.)
43	Madhav Green Energy Limited	Wind	50	1,981,670	-	-	-	-	-	-	-	-	-	-
44	Madhav Wind Power Limited	Wind	50	16,608,600	-	-	-	-	-	-	-	-	-	-
45	Madhav Wind Power Limited	Wind	50	3,018,111	-	-	-	-	-	-	-	-	-	-
46	Madhav Wind Power Limited	Wind	257	13,348,352	54,172,741	-	54,172,741	-	-	-	-	54,172,741	-	54,172,741
	Sub Total			2,063	48,202,821	-	54,172,741	-	-	-	-	54,172,741	-	54,172,741
	G-TOTAL:		41,400	10,010,299,443	102,489,684,630	3,729,997,635	706,219,682,166	(384,674,912)	88,340,972	(288,733,939)	-	102,405,109,718	3,825,838,508	105,570,948,226
1	Hydel			1,872,233,702	-	284,608,212	284,608,212	-	57,724,574	57,724,573	-	22,772,594,413	1,353,816,218	342,330,785
2	Coal			1,416,613,400	22,712,396,547	1,228,349,974	23,535,345,522	460,186,866	107,865,244	568,054,110	-	54,016,402	45,092,800	593,100,702
3	FO			222,508,186	5,162,813,903	436,620,335	5,598,433,238	57,847,009	(4,309,021)	53,144,988	-	5,220,414,912	432,133,313	5,652,548,225
4	Gas			1,109,431,959	14,111,637,307	636,050,710	14,746,488,117	(148,978,221)	-	(148,978,221)	-	13,862,261,146	664,620,616	14,526,881,762
5	Renewable			2,417,747,271	57,626,656,421	1,020,752,086	58,647,399,516	(690,332,337)	(2,898,314)	(693,230,652)	-	2,005,141,892	1,017,845,581	2,005,141,892
6	Nuclear			1,910,067,000	2,821,789,190	-	2,821,789,190	(18,647,558)	-	(18,647,558)	-	2,803,141,632	-	2,803,141,632
7	Hydro Power			302,455,200	714,198,658	-	714,198,658	(108,803,179)	-	(108,803,179)	-	605,395,479	-	605,395,479
8	Solar			125,798,338	-	-	-	-	-	-	-	-	-	-
9	Biomass			81,167,780	485,561,694	107,547,399	593,109,092	62,455,509	(62,454,509)	-	-	548,016,402	-	548,016,402
10	Other			13,348,352	54,172,741	-	54,172,741	-	-	-	-	54,172,741	-	54,172,741
11	Other			10,010,299,443	102,489,684,630	3,729,997,635	106,219,682,166	(384,674,912)	88,340,972	(288,733,939)	-	102,405,109,718	3,825,838,508	105,570,948,226
	Totals for the month			10,010,299,443	102,489,684,630	3,729,997,635	106,219,682,166	(384,674,912)	88,340,972	(288,733,939)	-	102,405,109,718	3,825,838,508	105,570,948,226
	Prev. Adjustments:			(6,095,004)	(304,574,912)	95,840,972	(288,733,939)	-	-	-	-	-	-	-
	GRAND TOTAL:			10,004,204,439	102,185,109,718	3,825,838,508	105,930,948,226	-	-	-	-	-	-	-

Energy Cost (Rs.)	102,105,109,718	3,825,838,508	105,930,948,226
Cost not chargeable to DISCOs (Rs.)	885,894,478	-	885,894,478
EPP (Chargeable) (Rs.)	101,219,215,240	3,825,838,508	105,045,053,748
Energy Sold (MWh)	9,734,912,185	9,734,912,185	9,734,912,185
Avg. Rate (Rs./MWh)	10.3975	0.3930	10.7905
Reference Rate (Rs./MWh)	8.3875		
FCA Rate Current month (Rs./MWh)	2.0100		

For the Month of April 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 (Dn) 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	103,241,107	8,0106	827,018,200	34,734,764	41,384,745	-	903,137,709
2	Oriant Power Company (Private) Limited	RLNG	213	72,483,265	24,5807	1,781,690,670	24,052,824	180,819,480	-	1,986,562,974
3	Safit Power Limited	RLNG	204	63,762,199	26,3104	1,677,605,994	22,647,681	166,030,852	-	1,866,284,527
4	Sapphire Electric Company Limited	RLNG	203	67,034,330	24,5613	1,647,790,976	22,246,178	146,226,278	-	1,816,262,432
5	Halmore Power Generation Company Limited	RLNG	199	43,258,847	26,3097	1,138,153,282	35,510,382	150,272,621	-	1,323,936,285
6	Gwale-Azamm Thermal Power (Pvt) Limited	RLNG	1,180	589,686,700	20,6619	12,184,026,964	241,243,735	1,327,428,833	-	13,762,696,532
7	National Power Parks Management Company Private	RLNG	2,550	1,317,523,600	20,3183	26,769,834,618	530,042,725	1,911,661,650	-	29,211,538,993
IPPs Total:-			4,720	2,256,990,048		46,026,120,704	910,477,290	3,923,821,459	-	50,860,419,452

For the Month of April 2023

S.No.	Power Producer	Fuel	Dep Capacity (MW)	Energy KWh	Fuel Cost component as determined by Authority (Rs./Kwh)	Fuel Cost as per NERPA Approved Rate (Rs.)	Heat Degradation Factor (Dh) Rs.	Load Correction Factor (Ll) Rs.	Any other Cost as per PPA (Rs.)	Fuel Charges Rs.
A						B				
1	Foundation Power Company Daharki Ltd.	Gas	171	103,241,107	8,0106	827,018,200	34,734,764	41,384,745	-	903,137,709
2	Orient Power Company (Private) Limited	RUNG	213	72,483,265	26,5807	1,781,690,670	24,052,824	180,839,480	-	1,986,562,974
3	Sait Power Limited	RUNG	204	63,762,199	26,3104	1,677,605,994	22,647,681	166,030,852	-	1,866,284,527
4	Sapphire Electric Company Limited	RUNG	203	67,034,330	24,5813	1,647,790,976	22,245,178	146,226,278	-	1,876,262,432
5	Halmora Power Generation Company Limited	RUNG	199	43,259,847	26,3097	1,138,163,282	35,510,382	150,272,621	-	1,323,938,285
6	Guaid-e-Azam Thermal Power (Pvt) Limited	RUNG	1,180	589,685,700	20,6619	12,184,026,964	241,243,735	1,327,425,833	-	13,752,696,532
7	National Power Parks Management Company Private	RUNG	2,550	1,317,523,600	20,3183	26,769,834,618	530,042,725	1,911,661,650	-	29,211,538,993
IPPs Total:-				4,720	2,256,990,048	46,026,120,704	910,477,290	3,923,821,459	-	50,860,419,452

Detail Of Energy Imported From Small Power Producers					
DISCO	Captive	Contract Capacity (MW)	Description	April, 2023	Rate (Rs./KWh)
MEPCO	Kumhar Wala Power House-I	5.00	Energy	3,129,732	
			Cost (Rs.)	-	
	DISCO's Total:-	5.00	Energy	3,129,732	-
HESCO			Cost (Rs.)	-	
	Thatta Power (Pvt.) Ltd.,	18.80	Energy	42,000	5.04
			Cost (Rs.)	211,678	
	Omni (NCPPI)	10.00	Energy	1,100,840	6.80
			Cost (Rs.)	7,482,408	
	Lucky Cement Factory Ltd., N-Abad	20.00	Energy	8,616,700	5.04
SEPCO			Cost (Rs.)	43,427,723	
	DISCO's Total:-	56.80	Energy	9,759,340	5.24
			Cost (Rs.)	51,121,809	
	AL Noor Sugar Mills		Energy	103,080	6.04
			Cost (Rs.)	622,603	
	Lodra Power (Shikarpur)	16.00	Energy	357,200	6.80
			Cost (Rs.)	2,428,329	
	DISCO's Total:-	16.00	Energy	460,280	6.63
			Cost (Rs.)	3,050,932	
G-Total		61.80	Energy	13,349,362	4.06
			Cost (Rs.)	54,172,741	



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

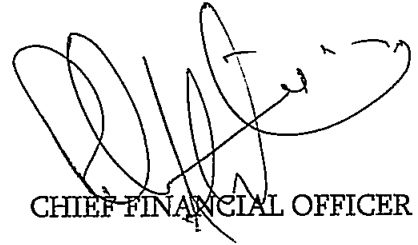
No. CPPA-G/2023/CFO/ **8093-94**

Dated: June 15, 2023

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

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

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

By No. **3698**
Dated: **19-06-23**
I am Division Record

REGISTRAR OFFICE
Diary No: **7921**
Date: **16-6-23**


Forwarded please:
☒ For nec action ☐ for Information

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

For kind information please
Chairman
S. M (Lic.)
S. M (Law)

2. M (Tech.)
S. M (Trf. & Fin)

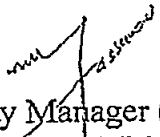
TARIFF (DEPARTMENT)

Dir (T-I)..... Dir (T-II).....
Dir (T-III)..... Dir (T-IV).....
Dir (T-V)..... Addl. Dir (RE).....
Date: **19-06-23**

CERTIFICATE

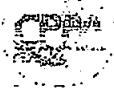
Subject: MONTHLY FUEL CHARGES ADJUSTMENT OF DISCOS
FOR THE MONTH OF MAY -2023.

- 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 May-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.



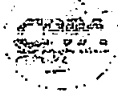
CERTIFICATE
FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF
REGARDING 2002 POWER POLICY
FOR THE MONTH OF MAY 2023

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 MAY 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

FOR THE MONTH OF MAY 2023														
S. No.	Power Producers	Fuel	Capacity (MW)	Energy kWh	Fuel Charges ¹ Rs.	VOASM Change ² Rs.	EPF Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in (Rs.)	Prev. Adjustment in EPF Total	Supp. Charges	Total Fuel Cost Rs.	Total VOASM Rs.	Total Energy Cost (Rs.)
				A	B	C	D-E	E	F	G-H	H	I+H	J+G	K+J
1	WAPDA	Hydel	6,802	2,550,006.052	224,326.242	224,326.242	224,326.242	-	15,384.351	15,384.351	-	224,326.242	15,384.351	224,326.242
2	WAPDA	Hydel	30	15,450.482	10,144.892	10,144.892	10,144.892	-	-	-	-	10,144.892	-	10,144.892
3	WAPDA	Hydel	18	37,033.130	17,070.119	17,070.119	17,070.119	-	-	-	-	17,070.119	-	17,070.119
4	WAPDA	Hydel	84	55,100.450	15,764.854	15,764.854	15,764.854	-	-	-	-	15,764.854	-	15,764.854
5	WAPDA	Hydel	147	85,492.700	3,855.139	7,033.852	7,033.852	-	-	-	-	3,855.139	-	3,855.139
6	WAPDA	Hydel	8	3,855.139	1,470	1,470	1,470	-	-	-	-	1,470	-	1,470
7	WAPDA	Hydel	1,470	30,234.170	24,120.150	199,438.588	199,438.588	-	-	-	-	24,120.150	-	24,120.150
8	WAPDA	Hydel	37	24,120.150	115,027.520	115,027.520	115,027.520	-	-	-	-	115,027.520	-	115,027.520
9	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
10	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
11	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
12	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
13	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
14	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
15	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
16	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
17	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
18	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
19	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
20	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
21	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
22	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
23	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
24	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
25	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
26	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
27	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
28	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
29	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
30	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
31	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
32	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
33	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
34	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
35	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
36	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
37	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
38	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
39	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
40	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
41	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
42	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
43	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
44	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
45	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
46	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
47	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
48	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
49	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
50	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
51	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
52	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
53	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
54	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
55	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
56	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
57	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
58	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
59	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
60	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
61	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
62	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
63	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
64	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
65	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
66	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
67	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
68	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
69	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
70	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
71	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
72	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
73	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
74	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
75	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
76	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
77	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
78	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276
79	WAPDA	Hydel	17	508,887.300	588,805.276	588,805.276	588,805.276	-	-	-	-	588,805.276	-	588,805.276

S No	Power Producers	Fuel	Capacity (MW)	Energy KWH	Fuel charges Rs.	VO&M charges Rs.	EPD (piling month (Rs.)	Price Adjustment in Fuel Cost (Rs.)	Price Adjustment in VO&M (Rs.)	Price Adjustment in EPP Total Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VO&M Rs.	Total Energy Cost (Rs.)
16	Chattam Nuclear	Nucel	300	220,920,000	269,235,204		269,235,204					269,235,204		269,235,204
17	Chattam Nuclear-1	Nucel	315	230,794,000	316,395,495		316,395,495					316,395,495		316,395,495
18	Chattam Nuclear-2	Nucel	315	230,794,000	269,235,204		269,235,204					269,235,204		269,235,204
19	Chattam Nuclear-3	Nucel	315	230,794,000	269,235,204		269,235,204					269,235,204		269,235,204
20	Chattam Nuclear-4	Nucel	315	230,794,000	269,235,204		269,235,204					269,235,204		269,235,204
21	Chattam Nuclear-5	Nucel	315	230,794,000	269,235,204		269,235,204					269,235,204		269,235,204
22	Chattam Nuclear-6	Nucel	315	230,794,000	269,235,204		269,235,204					269,235,204		269,235,204
1	Chattam Nuclear-7	Nucel	315	230,794,000	269,235,204		269,235,204					269,235,204		269,235,204
2	Chattam Nuclear-8	Nucel	315	230,794,000	269,235,204		269,235,204					269,235,204		269,235,204
3	Chattam Nuclear-9	Nucel	315	230,794,000	269,235,204		269,235,204					269,235,204		269,235,204
4	Chattam Nuclear-10	Nucel	315	230,794,000	269,235,204		269,235,204					269,235,204		269,235,204
5	Chattam Nuclear-11	Nucel	315	230,794,000	269,235,204		269,235,204					269,235,204		269,235,204
6	Chattam Nuclear-12	Nucel	315	230,794,000	269,235,204		269,235,204					269,235,204		269,235,204
7	Chattam Nuclear-13	Nucel	315	230,794,000	269,235,204		269,235,204					269,235,204		269,235,204
8	Chattam Nuclear-14	Nucel	315	230,794,000	269,235,204		269,235,204					269,235,204		269,235,204
9	Chattam Nuclear-15	Nucel	315	230,794,000	269,235,204		269,235,204					269,235,204		269,235,204
10	Chattam Nuclear-16	Nucel	315	230,794,000	269,235,204		269,235,204					269,235,204		269,235,204
11	Chattam Nuclear-17	Nucel	315	230,794,000	269,235,204		269,235,204					269,235,204		269,235,204
12	Chattam Nuclear-18	Nucel	315	230,794,000	269,235,204		269,235,204					269,235,204		269,235,204
13	Chattam Nuclear-19	Nucel	315	230,794,000	269,235,204		269,235,204					269,235,204		269,235,204
14	Chattam Nuclear-20	Nucel	315	230,794,000	269,235,204		269,235,204					269,235,204		269,235,204
15	Chattam Nuclear-21	Nucel	315	230,794,000	269,235,204		269,235,204					269,235,204		269,235,204
16	Chattam Nuclear-22	Nucel	315	230,794,000	269,235,204		269,235,204					269,235,204		269,235,204
17	Chattam Nuclear-23	Nucel	315	230,794,000	269,235,204		269,235,204					269,235,204		269,235,204
18	Chattam Nuclear-24	Nucel	315	230,794,000	269,235,204		269,235,204					269,235,204		269,235,204
19	Chattam Nuclear-25	Nucel	315	230,794,000	269,235,204		269,235,204					269,235,204		269,235,204
20	Chattam Nuclear-26	Nucel	315	230,794,000	269,235,204		269,235,204					269,235,204		269,235,204
21	Chattam Nuclear-27	Nucel	315	230,794,000	269,235,204		269,235,204					269,235,204		269,2

For the Month of May 2023

S.No.	Power Producers	Fuel	Capacity (MW)	Energy (KWh)	Fuel Charge 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.)
43	NASDA Green Energy Limited	Wood	500	21,055,320	-	-	-	-	-	-	-	-	-	-
44	Hydro Wind Power Limited	Wind	50	12,153,410	-	-	-	-	-	-	-	-	-	-
45	Hydro Wind Power Limited	Wind	50	12,153,410	-	-	-	-	-	-	-	-	-	-
46	Hydro Wind Power Limited	Wind	50	12,153,410	-	-	-	-	-	-	-	-	-	-
47	Hydro Wind Power Limited	Wind	50	12,153,410	-	-	-	-	-	-	-	-	-	-
48	Hydro Wind Power Limited	Wind	50	12,153,410	-	-	-	-	-	-	-	-	-	-
Sub-total				2,693	156,569,525	156,569,525	156,569,525	156,569,525	156,569,525	156,569,525	-	156,569,525	156,569,525	156,569,525
G-Total:				41,460	12,283,693,222	119,402,958,164	5,014,380,519	174,417,378,692	356,630,011	190,284,145	(176,146,659)	119,028,485,354	5,204,764,664	5,204,764,664
Summary														
1	Hydro			3,312,197,973		598,005,276	598,005,276		85,923,295	85,923,295		21,358,512,506	571,820,571	631,820,571
2	Coal			2,095,795,000		1,304,720,041	23,094,089,094		(236,004,002)	(236,004,002)		1,499,791,305		
3	Wind			21,959,808,054			8,068,460,025		11,771,0	11,771,0		468,004,814		
4	Hydro			240,905,340		400,016,558	8,068,460,025		517,79,767	517,79,767		16,346,063,251	972,009,900	17,318,073,151
5	Gas			1,270,993,709		80,200,950	18,092,839,342		(641)	(641)		72,537,018,424	1,591,197,280	74,128,215,704
6	Renew			2,008,081,552		1,581,197,121	1,771,108,687		(11,256,698)	(11,256,698)		1,359,847,889		1,359,847,889
7	Renew			1,542,392,005			811,620,466					811,620,466		811,620,466
8	Import from Iran			606,581,470										
9	Hydro Power			124,003,035										
10	Solar			72,886,310		447,066,642	546,595,435		0	0		447,066,642	98,730,793	546,595,435
11	Biogas			27,664,767		156,569,525	156,569,525					156,569,525		156,569,525
Total for the month				12,283,693,222		119,402,958,164	5,014,380,519		124,417,378,692	(176,146,659)		119,028,485,354	5,204,764,664	124,241,230,018
Prev. Adjustment				(17,592,659)		(356,530,011)	190,284,145		(260,530,011)	190,284,145		119,028,485,354	5,204,764,664	124,241,230,018
GRAND TOTALS:				12,266,100,563		119,033,408,354	5,204,764,664							
Energy Cost (Rs.)														
Cost not chargeable to DISCOs (Rs.)														
EPP (Chungabho) (Rs.)				118,128,937,701		5,204,764,664	123,333,722,365							
Energy Sold (KWh)				11,954,382,316		11,954,382,316	11,954,382,316							
Avg. Rate (Rs/KWh)				8.8817		0.4354	10.3170							
Reference Rate (Rs/KWh) 7.8281														
FCA Rate Current month (Rs/KWh) 2.0536														

Detail Breakup of FCC Claimed For the Month of May 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 (Dn) Rs.	Load Correction Factor (Kt) Rs.	Any other Cost as per PPA (Rs.)	Fuel Charges Rs.
A						B				
1	Foundation Power Company Daharki Ltd.	Gas	171	100,108,989	8,0223	803,106,628	33,730,478	30,478,949	-	-
2	Orient Power Company (Private) Limited	R/LNG	213	98,441,548	25,8601	2,545,712,164	203,881,454	37,119,144	-	867,316,055
3	Sait Power Limited	R/LNG	204	92,908,318	25,8632	2,402,903,792	235,901,572	35,623,766	-	2,786,712,761
4	Energro Powergen Qadirpur Limited	Gas	213	79,569,638	8,7862	699,116,456	10,486,747	74,054,779	-	2,614,429,130
5	Sappho Electric Generation Limited	R/LNG	203	83,024,910	25,8622	2,147,210,733	187,656,288	31,520,705	-	783,657,982
6	Halmoro Power Generation Company Limited	R/LNG	199	77,294,894	25,7425	1,989,761,730	203,979,105	68,444,714	-	2,386,387,726
7	Uch-I-Power (Pvt). Limited	Gas	381	251,778,516	11,2063	2,821,516,494	93,110,044	21,180,345	-	2,262,185,650
8	Quaid-e-Azam Thermal Power (Pvt) Limited	R/LNG	1,180	662,442,800	21,6879	14,367,017,577	291,380,350	1,389,480,492	-	2,935,816,883
9	National Power Parks Management Company Private	R/LNG	2,560	1,456,164,400	21,3156	31,039,018,557	636,084,495	2,072,935,727	-	16,047,878,719
10	Huaneng Shandong Ruyi Energy (Pvt) Ltd	Coal	1,320	44,292,300	31,5942	1,399,379,785	35,035,531	60,433,998	-	33,748,038,779
IPPs Total:-				6,634	2,946,026,313	60,214,743,916	1,931,246,064	3,821,282,619	-	1,494,849,314
										65,967,272,599

Detail Of Energy Imported From Small Power Producers					
DISCO	Captive	Contract Capacity (MW)	Description	May, 2023	Rate (Rs./KWh)
MEPCO	Kumhar Wala Power House-I	5.00	Energy	1,170,627	
			Cost (Rs.)	-	
	DISCO's Total:-	5.00	Energy	1,170,627	-
HESCO			Cost (Rs.)	-	
	Thatta Power (Pvt.) Ltd.,	18.80	Energy	82,500	5.04
			Cost (Rs.)	415,796	
	Omni (NCPP)	10.00	Energy	4,989,920	6.80
			Cost (Rs.)	33,922,641	
	Lucky Cement Factory Ltd., N-Abad	20.00	Energy	13,307,720	5.04
			Cost (Rs.)	67,070,222	
SEPCO	DISCO's Total:-	56.80	Energy	18,380,140	5.52
			Cost (Rs.)	101,408,659	
	Dadu Energy (Piyaro Goth)	19.20	Energy	2,816,200	6.80
			Cost (Rs.)	19,145,185	
	Lodra Power (Shikarpur)	16.00	Energy	5,297,800	6.80
			Cost (Rs.)	36,045,681	
	DISCO's Total:-	16.00	Energy	8,114,000	6.80
			Cost (Rs.)	55,160,866	
G-Total		61.80	Energy	27,664,767	5.66
			Cost (Rs.)	156,569,525	



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

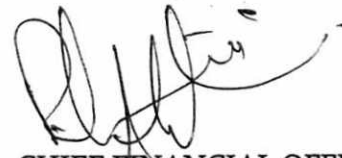
No. CPPA-G/2023/CFO/10727-28

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.)
For the Month of July 2023													
1	Model			A	B	C	D=B+C	E	F	G=E+F	H	H+E+H	J+C+H
I	WAPDA	Hydel	6,502	3,789,914,598		258,096,475							
	Japan	Hydel	30	18,179,439	47,084,747	1,034,712						258,096,475	258,096,475
	Mahmud Ali Sindho	Hydel	81	4,453,730	1,410,496	1,410,496						87,121,438	87,121,438
	Star Hydro	Hydel	84	5,854,100	1,788,110	1,788,110						1,410,496	1,410,496
	Nearon Shikam	Hydel	147	77,692,000	16,905,158	16,905,158						1,788,110	1,788,110
	Tarbela Ext. 4	Hydel	959									16,905,158	16,905,158
	Mira Power Limited	Hydel	1,478	1,016,182,440	136,165,767	136,165,767						136,165,767	136,165,767
	Shikam Power	Hydel	1,515	8,581,000	11,560,790	11,560,790						11,560,790	11,560,790
	Dard Khwar HPP	Hydel	37	11,008,680	115,008,680	115,008,680		(8,572,557)				106,436,023	106,436,023
	Karot Power Company (Pvt) Limited	Hydel	720	532,094,200	168,035,979	168,035,979		131,187,391				299,223,370	299,223,370
	Ranoldi Hydro Power Complex	Hydel	17										
	Hydel Total		10,592	5,517,773,185	755,976,102	755,976,102		162,651,525				918,627,627	918,627,627
II	GENCO-I ***	RFO	182										
	Jamshoro Block 1	Gas											
	Unit 1		457										
	Jamshoro Block 2	RFO											
	Unit 2	Gas											
	Unit 3	RFO											
	Unit 4	Gas											
	Unit 5	RFO											
	Unit 6	Gas											
	Unit 7	RFO											
	Unit 8	Gas											
	Unit 9	RFO											
III	GENCO-II ***	Gas	649	110,826,256	1,103,262,040	7,636,067	1,479,366,471	7	1,479,366,477		2,579,628,511	7,636,074	2,587,264,584
	Central Block 1 (CC)	Gas	390										
	Central Block 2 (CC)	Gas	530										
	Central Block 3 (CC)	Gas	721										
	Central Block 4 (CC)	Gas	1,641										
	Central Block 5 (CC)	Gas	721										
	Central Block 6 (CC)	Gas	1,641										
	Central Block 7 (CC)	Gas	721										
	Central Block 8 (CC)	Gas	1,641										
	Central Block 9 (CC)	Gas	721										
	Central Block 10 (CC)	Gas	1,641										
	Central Block 11 (CC)	Gas	721										
IV	GENCO-III ***	RFO	272										
	Northern Block 1	RFO											
	Unit 1	Gas											
	Unit 2	RFO											
	Unit 3	Gas											
	Unit 4	RFO											
	Unit 5	Gas											
	Unit 6	RFO											
	Unit 7	Gas											
	Unit 8	RFO											
	Unit 9	Gas											
	Unit 10	RFO											
V	GENCO-IV ***	Coal	31										
	Lakhra	Coal											
	Unit 1		31										
	Unit 2												
	Unit 3												
	Unit 4												
	Unit 5												
	Unit 6												
	Unit 7												
	Unit 8												
	Unit 9												
	Unit 10												
VI	GENCO-V ***	RFO	325										
	Northern Block 1	RFO											
	Unit 1	Gas											
	Unit 2	RFO											
	Unit 3	Gas											
	Unit 4	RFO											
	Unit 5	Gas											
	Unit 6	RFO											
	Unit 7	Gas											
	Unit 8	RFO											
	Unit 9	Gas											
	Unit 10	RFO											
VII	GENCO-VI ***	RFO	702										
	Northern Block 1	RFO											
	Unit 1	Gas											
	Unit 2	RFO											
	Unit 3	Gas											
	Unit 4	RFO											
	Unit 5	Gas											
	Unit 6	RFO											
	Unit 7	Gas											
	Unit 8	RFO											
	Unit 9	Gas											
	Unit 10	RFO											
VIII	GENCO-VII ***	RFO	249										
	Northern Block 1	RFO											
	Unit 1	Gas											
	Unit 2	RFO											
	Unit 3	Gas											
	Unit 4	RFO											
	Unit 5	Gas											
	Unit 6	RFO											
	Unit 7	Gas											
	Unit 8	RFO											
	Unit 9	Gas											
	Unit 10	RFO											
IX	GENCO-VIII ***	RFO	1,338										
	Northern Block 1	RFO											
	Unit 1	Gas											
	Unit 2	RFO											
	Unit 3	Gas											
	Unit 4	RFO											
	Unit 5	Gas											
	Unit 6	RFO											
	Unit 7	Gas											
	Unit 8	RFO											
	Unit 9	Gas											
	Unit 10	RFO											
X	GENCO-IX ***	RFO	4,204	456,482,256	8,142,949,930	311,341,080	2,356,076,363	35,486,892	2,391,562,256		10,489,036,293	346,527,973	10,845,564,266
	Kor Adda Block 1	RFO											
	Unit 1		325										
	Unit 2												
	Unit 3												
	Unit 4												
	Unit 5												
	Unit 6												
	Unit 7												
	Unit 8												
	Unit 9												
	Unit 10												
XI	GENCO-X ***	RFO	702										
	Kor Adda Block 2	RFO											
	Unit 1		702										
	Unit 2												
	Unit 3												
	Unit 4												
	Unit 5												
	Unit 6												
	Unit 7												
	Unit 8												
	Unit 9												
	Unit 10												
XII	GENCO-XI ***	RFO	249										
	Kor Adda Block 3	RFO											
	Unit 1		249										
	Unit 2												
	Unit 3												
	Unit 4												
	Unit 5												
	Unit 6												
	Unit 7												
	Unit 8												
	Unit 9												
	Unit 10												
XIII	GENCO-XII ***	RFO	1,338										
	Kor Adda Block 4	RFO											
	Unit 1		1,338										
	Unit 2								</				

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.	ERP Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in VOLM (Rs.)	Prev. Adjustment in ERP Total (Rs.)	Supp. Charges	Total Fuel Cost Rs.	Total VOLM Rs.	Total Energy Cost (Rs.)
20	Karachi Nuclear Power Plant Unit-2	Nucl.	1,140	726,629,000	928,559,199	-	928,559,199	(9,658,598)	-	(9,658,598)	-	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	Tarapur	Import	96	28,845,000	681,226,247	-	681,226,247	-	-	-	-	681,226,247	-	681,226,247
1	Alcoa-Gem	RFO	156	2,753,381,978	15,814,001,889	520,232,897	15,814,001,889	(983,428,680)	-	(983,428,680)	-	14,871,473,008	520,232,897	15,400,711,005
2	Nisra Power	RFO	214	16,502,915	431,258,419	42,607,447	431,258,419	8,427,019	-	8,427,019	-	431,424,046	51,094,167	482,518,212
3	Nisra Power	RFO	195	46,468,284	1,231,681,122	134,197,681	1,231,681,122	17,620,726	-	17,620,726	-	1,250,866,419	68,752,736	1,319,629,155
4	Foundation Power	G&S	171	91,876,743	791,380,827	103,435,869	791,380,827	19,185,597	-	19,185,597	-	1,250,866,419	144,412,014	1,395,278,433
5	Orient	RFO	213	9,648,891	2,763,309,953	70,417,193	2,763,309,953	465,528,335	-	465,528,335	-	3,228,838,288	70,417,193	3,300,305,885
6	Nisra Chaudhary	RFO	195	37,157,650	832,022,952	100,563,464	832,022,952	4,278,943	-	4,278,943	-	836,301,895	102,641,692	938,943,587
7	Saf Power	HSO	204	69,906,894	2,107,408,171	86,474,827	2,107,408,171	380,352,021	-	380,352,021	-	2,498,960,191	88,471,827	2,587,432,018
8	Engro Energy	G&S	213	77,247,654	780,985,472	77,340,213	780,985,472	(9,362,632)	-	(9,362,632)	-	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	322,233,985	-	322,233,985	-	2,890,342,659	-	2,890,342,659
10	Hubei Nanshan	RFO	214	6,609,755	187,117,537	14,400,651	187,117,537	-	-	-	-	187,117,537	14,400,651	201,518,188
11	Liberty Power	RFO	196	43,609,912	1,196,184,998	126,551,004	1,196,184,998	206,071,214	-	206,071,214	-	1,402,256,212	126,551,004	1,528,807,216
12	Hainore	RLNG	199	66,934,512	2,052,079,252	-	2,052,079,252	-	-	-	-	2,338,750,486	-	2,338,750,486
13	Uch-B	G&S	381	233,913,696	2,886,775,705	153,938,003	2,886,775,705	(145,625)	-	(145,625)	-	2,886,630,080	153,938,003	3,040,568,081
14	JOW-B	Bagasse	26	3,277,100	19,604,268	4,342,158	19,604,268	0	-	0	-	19,604,268	4,342,158	23,946,426
15	JOW-B	Bagasse	26	17,033,660	101,888,761	22,569,000	101,888,761	0	-	0	-	101,888,761	22,569,000	124,457,761
16	RYK	Bagasse	24	1,558,200	9,309,500	1,957,544	9,309,500	11,207,044	-	11,207,044	-	20,516,544	1,957,544	22,474,088
17	Chisori Power	Bagasse	12	16,818,740	99,116,626	22,019,831	99,116,626	121,436,457	-	121,436,457	-	1,046,678	22,019,831	1,268,124
18	Almora Sugar Mills	Bagasse	36	1,484,177	8,878,844	1,867,743	8,878,844	10,745,887	-	10,745,887	-	9,976,631	1,867,743	11,844,374
19	Chisori Power	Bagasse	22	159,646,300	4,743,748,123	102,445,031	4,743,748,123	(3,254,529)	-	(3,254,529)	-	4,740,493,594	102,445,031	4,842,938,625
20	China Hub Power (Pvt) Ltd	Coal	660	346,496,000	4,024,743,080	416,661,440	4,024,743,080	598,239,120	-	598,239,120	-	4,622,982,200	416,661,440	5,039,643,640
21	Engro Power Generation	Coal	41	413,961,000	10,463,942,637	143,975,630	10,463,942,637	-	-	-	-	11,062,181,757	143,975,630	11,206,157,387
22	QATPL	RLNG	1,180	713,772,000	17,112,075,006	283,296,324	17,112,075,006	(294,645,587)	-	(294,645,587)	-	16,817,429,419	283,296,324	17,101,725,003
23	Huawei Behar Shah	HSO	1,320	149,283,000	4,716,495,915	47,113,004	4,716,495,915	1,473,524,102	-	1,473,524,102	-	6,190,020,017	47,113,004	6,237,133,021
24	Huawei Behar Shah	HSO	1,320	851,325,000	16,051,386,028	288,341,666	16,051,386,028	(288,643,823)	-	(288,643,823)	-	15,762,742,205	288,341,666	16,051,083,871
25	Badali	HSO	29A	1,320	851,325,000	16,051,386,028	16,051,386,028	-	-	-	-	15,762,742,205	288,341,666	16,051,083,871
26	Port Qasim	Coal	1,320	79,260,900	1,309,319,382	25,442,749	1,309,319,382	1,325,662,331	-	1,325,662,331	-	1,300,718,582	25,442,749	1,326,161,331
27	Lucky Electric Power Company Limited	Coal	690	313,469,200	3,177,155,768	100,688,307	3,177,155,768	12,907,431,432	-	12,907,431,432	-	3,177,355,158	100,688,307	3,278,043,465
28	Punjab Thermal Power Private Limited	RLNG	1,320	595,581,000	12,446,887,761	152,633,811	12,446,887,761	93,884,235	-	93,884,235	-	12,446,887,761	152,633,811	12,600,521,572
29	Thermal Energy Limited	Coal	330	207,832,000	2,135,564,380	152,633,811	2,135,564,380	(1,343,886)	-	(1,343,886)	-	2,134,220,494	152,633,811	2,286,854,305
30	Thar Coal Block-1 Power Generation Company	Coal	1,320	722,839,200	2,932,840,528	61,342,518	2,932,840,528	3,117,000,000	-	3,117,000,000	-	2,932,840,528	61,342,518	3,000,183,046
31	Thar Coal Block-2 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589
32	Thar Coal Block-3 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589
33	Thar Coal Block-4 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589
34	Thar Coal Block-5 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589
35	Thar Coal Block-6 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589
36	Thar Coal Block-7 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589
37	Thar Coal Block-8 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589
38	Thar Coal Block-9 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589
39	Thar Coal Block-10 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589
40	Thar Coal Block-11 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589
41	Thar Coal Block-12 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589
42	Thar Coal Block-13 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589
43	Thar Coal Block-14 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589
44	Thar Coal Block-15 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589
45	Thar Coal Block-16 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589
46	Thar Coal Block-17 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589
47	Thar Coal Block-18 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589
48	Thar Coal Block-19 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589
49	Thar Coal Block-20 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589
50	Thar Coal Block-21 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589
51	Thar Coal Block-22 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589
52	Thar Coal Block-23 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589
53	Thar Coal Block-24 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589
54	Thar Coal Block-25 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589
55	Thar Coal Block-26 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589
56	Thar Coal Block-27 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589
57	Thar Coal Block-28 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589
58	Thar Coal Block-29 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589
59	Thar Coal Block-30 Power Generation Company	Coal	330	201,059,400	2,113,229,265	161,265,538	2,113,229,265	2,277,714,400	-	2,277,714,400	-	4,300,565,871	210,632,718	4,511,198,589

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			755,976.102	755,976.102		162,651,525	162,651,525	-	-	918,627,627	
2	Coal		2,178,877.100		25,164,284.031	1,880,578.739	26,844,862.771	3,651,407,446	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		8,461,822.630	563,768.743	9,025,591.373	25,844,098	44,605,082	50,449,191	-	8,461,566,740	607,371,825	9,068,938,564
5	Gas		1,128,771.159		15,439,467.414	906,391.246	16,345,858.660	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	-	72,770,919,269	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)	-	2,447,789,432	-	2,447,789,432
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		75,165.665			-	-	-	-	-	-	-	-	-
	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	5,462,762.187	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						