

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

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No. CPPA-G/2021/CFO/22897-93

Dated: September 15, 2021

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

SUBJECT: XWDISCOs' ENERGY PURCHASE DATA FOR THE MONTH OF AUGUST 2021

With reference to FCA mechanism provided in XWDISCOs' tariff determination, please find attached the Energy Data for the month of August 2021. The soft copy of the FCA Claim along with the EPP invoices is also being sent to NEPRA for its consideration.


CHIEF FINANCIAL OFFICER

Urgent.

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

- For n/a
- ADG CFTI
 - ME
 - copy-12
 - SAC m+EI

- measc.
- 16/9/21
- cc Chairman
- VC m+EI
 - m CT/CAI
 - m lic,

Tariff Division Record
By No. 5498
Date. 16-9-21

REGISTRAR
16/9/21
16787

CERTIFICATE

FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF


REGARDING 1994 POWER POLICY (HUBCO & KAPCO INCLUSIVE)


FOR THE MONTH OF AUGUST 2021

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)


DGMP-II (CPPA-G)


CERTIFICATE

FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

REGARDING 2002 POWER POLICY FOR THE MONTH OF AUGUST 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 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-1 (CPPA-G)
15/9/21


CERTIFICATE

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

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

S.No.	Power Producers	Fuel	Dep. Capacity (MW)	Energy kWh	Fuel Charges Rs.	VOM Charges Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in VOM (Rs.)	Prev. Adjustment in EPP Total Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VOM Rs.	Total Energy Cost (Rs.)
8	Eauji Bahawal	Gas	151	94,503,930	1,687,674,632	104,011,499	1,791,686,131	-	(81,007)	(81,007)	-	1,687,674,632	103,930,492	1,791,605,124
9	Pausch	RLNG	395	72,073,389	1,239,871,304	29,542,882	1,269,414,186	(2,120,506)	(4,191,889)	(6,312,395)	-	1,237,750,798	25,350,993	1,263,101,791
10	Saha Power	RFO	126	18,327,860	370,712,719	4,582,044	375,294,763	(1,355,925)	-	(1,355,925)	-	369,356,794	4,582,044	373,938,838
12	Uch-I	Gas	549	368,967,000	2,984,485,209	144,930,238	3,129,415,447	(2,259,888)	(175,662)	(2,435,550)	-	2,982,225,321	144,754,576	3,126,979,897
13	Atter	Gas	27	-	-	-	-	(201,218)	(541)	(201,759)	-	-	(541)	(201,759)
14	Liberty	Gas	212	103,142,700	1,133,034,877	56,216,777	1,189,251,654	(6,925)	(85,613)	(92,538)	-	1,133,027,952	56,131,164	1,189,159,116
16	Chashma Nuclear	Nucl.	300	220,276,000	214,174,355	-	214,174,355	-	-	-	-	214,174,355	-	214,174,355
17	Chashma Nuclear-II	Nucl.	315	228,469,000	257,941,501	-	257,941,501	-	-	-	-	257,941,501	-	257,941,501
18	Chashma Nuclear-III	Nucl.	340	194,266,000	184,416,714	-	184,416,714	-	-	-	-	184,416,714	-	184,416,714
19	Chashma Nuclear-IV	Nucl.	340	213,745,000	254,890,912	-	254,890,912	-	-	-	-	254,890,912	-	254,890,912
20	Kanupp - PAFC (R-2/R-3 Project)	Nucl.	1,140	773,430,000	716,505,552	-	716,505,552	-	-	-	-	716,505,552	-	716,505,552
21	Tayari Kan	Import	96	45,243,000	559,011,195	-	559,011,195	27,541,119	-	27,541,119	-	586,552,314	-	586,552,314
	Sub-Total		7,488	3,437,411,179	30,510,592,770	915,592,537	31,426,185,307	608,565,828	(6,059,797)	600,526,031	-	31,118,178,597	907,632,740	32,026,711,338
1	Atter Gen	RFO	152	77,137,936	1,268,361,033	114,950,402	1,383,311,435	-	-	-	-	1,268,361,033	114,950,402	1,383,311,435
2	Atter Power	RFO	214	99,989,852	1,766,187,460	144,886,367	1,911,073,827	308,992,838	707,353	309,700,191	-	2,073,180,298	145,593,720	2,218,774,018
3	Atter Power	RFO	185	97,331,163	1,566,838,616	143,037,877	1,709,876,493	303,417,367	0	303,417,367	-	1,890,255,983	143,037,877	2,033,293,860
4	Foundation Power	Gas	171	112,280,414	67,694,567	853,581,139	676,946,567	(561,968)	(47,850)	(609,818)	-	67,646,737	852,675,908	676,466,737
5	Qwest	RLNG	213	124,228,016	1,881,624,645	45,103,430	1,926,728,075	27,140,807	(40)	27,140,767	-	1,908,765,452	45,103,300	1,953,868,842
6	Hidral Chashma	RFO	196	95,727,299	1,440,038,414	140,345,793	1,580,984,207	195,549,201	0	195,549,202	-	1,636,187,615	140,345,793	1,776,533,408
7	Saf Power	RFO	204	123,877,793	1,902,510,809	76,519,313	1,979,030,122	30,176,001	-	30,176,001	-	1,932,686,810	76,519,313	2,009,206,123
8	Empire Energy	HSD	213	56,339,171	471,775,797	30,033,929	501,809,726	(91,646,472)	(4,261)	(91,650,733)	-	380,129,325	30,029,668	410,158,993
9	Sapphire Power	RLNG	203	129,636,510	1,976,990,628	79,194,944	2,056,185,572	44,568,853	-	44,568,853	-	2,021,559,481	79,194,944	2,100,754,425
10	Habeo Nawat	HSD	214	101,844,277	1,861,388,068	135,096,264	1,996,484,332	232,332,835	(23,702,637)	214,832,508	-	2,099,923,213	111,393,627	2,211,316,840
11	Liberty Power	RFO	196	106,727,766	1,694,730,196	172,493,415	1,867,223,612	88,398,592	(427)	88,398,166	-	1,783,128,789	172,492,889	1,955,621,777
12	Halmise	RLNG	199	90,570,530	1,391,644,228	56,196,793	1,447,841,021	3,910,163	-	3,910,163	-	1,395,554,391	56,196,793	1,451,751,184
13	Uch-II	HSD	381	16,888,850	382,379,202	15,129,032	397,508,234	(1,366,507)	-	(1,366,507)	-	381,012,695	15,129,032	396,141,727
14	JEW-II	Gas	26	255,979,644	1,767,753,393	89,841,352	1,857,594,745	61,490,239	-	61,490,239	-	1,829,243,632	89,841,352	1,919,084,984
15	JEW-III	Bagasse	26	17,829,300	106,858,438	13,088,489	119,946,928	(3,476,835)	(426,559)	(3,903,413)	-	103,181,584	12,661,930	115,843,514
16	JEW-III	Bagasse	26	6,230,560	37,272,456	4,573,854	41,846,310	(3,752,276)	(460,457)	(4,212,733)	-	33,520,180	4,113,397	37,633,577
17	RVK	Bagasse	24	-	-	-	-	0	(627,492)	(627,492)	-	0	(627,492)	(627,492)
18	Chiniot Power	Bagasse	62	-	-	-	-	-	-	-	-	-	-	-
19	Hanza Sugar Mills	Bagasse	15	-	-	-	-	-	-	-	-	-	-	-
20	Almolt Industries Limited	Bagasse	36	-	-	-	-	-	-	-	-	-	-	-
21	Chanaar Energy Limited	Bagasse	22	-	-	-	-	-	-	-	-	-	-	-
22	China Heli Power (Pvt.) Ltd	Coal	1,220	381,949,600	2,407,866,193	194,480,131	2,602,346,324	99,989,140	(229,648)	99,759,492	-	2,407,866,193	194,480,131	2,602,346,324
23	Fugro PowerGen (Pvt) TPS	Coal	650	433,899,700	3,615,162,622	467,570,317	4,082,732,939	-	-	-	-	4,082,732,939	467,570,317	4,550,303,256
24	Layyah Sugar Mills	Bagasse	41	631,951,600	7,816,950,736	342,770,547	8,159,721,283	322,196,205	-	322,196,205	-	8,139,146,941	342,770,547	8,481,917,488
25	GATPL	RLNG	1,180	682,911,100	8,274,772,858	132,279,880	8,407,052,738	(1,151,499)	-	(1,151,499)	-	8,187,891,239	132,279,880	8,320,171,119
26	Haveli Bahadur Shah	HSD	1,230	682,911,100	8,274,772,858	132,279,880	8,407,052,738	905,722,769	535,846,698	1,441,571,468	-	9,180,495,627	668,128,578	9,848,624,206
27	Huaneng Shandong Ruyi Energy (Pvt) Ltd	Coal	1,320	609,846,300	7,318,340,888	115,199,966	7,433,540,854	(8,978,285)	(0)	(8,978,285)	-	7,309,362,603	115,199,966	7,424,562,569
28	Baloki	RLNG	1,320	625,800,500	7,608,483,034	135,235,489	7,743,718,523	60,630,712	1,024,280,066	1,084,910,778	-	7,669,113,746	1,159,515,555	8,828,629,301
29	Forl Gasim	Coal	1,320	868,129,500	7,377,014,158	166,507,200	7,543,521,358	(702,387)	-	(702,387)	-	7,376,311,771	166,507,200	7,542,818,971
	Sub-Total		11,377	5,748,659,709	64,807,510,336	2,883,988,085	67,691,498,421	2,619,108,499	1,535,336,747	4,154,445,246	-	67,426,618,835	4,419,324,832	71,845,943,668
	IPP's Total		18,865	9,186,070,888	95,318,103,106	3,799,580,622	99,117,683,728	3,227,694,326	1,527,276,950	4,754,971,276	-	98,546,797,432	5,326,857,572	103,873,655,004
4	Others													
1	TPS Quetta	Gas	25	-	-	-	-	-	-	-	-	-	-	-
2	Zulfi	Wind	58	19,849,140	-	-	-	-	-	-	-	-	-	-
3	FFCEL	Wind	50	18,155,920	-	-	-	-	-	-	-	-	-	-
4	TGF	Wind	50	19,386,600	-	-	-	-	-	-	-	-	-	-
5	Foundation	Wind	50	18,487,550	-	-	-	-	-	-	-	-	-	-
6	Sapphire Wind Power	Wind	53	20,134,991	-	-	-	-	-	-	-	-	-	-
7	Yousuf Energy Ltd.	Wind	50	19,635,260	-	-	-	-	-	-	-	-	-	-
8	Metro Wind Power	Wind	50	19,933,520	-	-	-	-	-	-	-	-	-	-
9	Gul Ahmad Wind Power	Wind	50	19,639,010	-	-	-	-	-	-	-	-	-	-
10	Mastei Wind Power	Wind	50	21,740,319	-	-	-	-	-	-	-	-	-	-
11	Tenaga General	Wind	50	17,666,810	-	-	-	-	-	-	-	-	-	-
12	Tajal Wind	Wind	31	14,378,520	-	-	-	-	-	-	-	-	-	-
13	Hydrochina Dawood Power (Private) Limited	Wind	50	19,250,810	-	-	-	-	-	-	-	-	-	-
14	SEDL Wind	Wind	50	18,363,791	-	-	-	-	-	-	-	-	-	-
15	UEPL Wind	Wind	99	37,783,227	-	-	-	-	-	-	-	-	-	-
16	Quide-Azam Solar Park	Solar	100	15,295,460	-	-	-	-	-	-	-	-	-	-
17	Appollo Solar Park	Solar	100	15,522,570	-	-	-	-	-	-	-	-	-	-
18	Best Green Energy	Solar	100	15,550,840	-	-	-	-	-	-	-	-	-	-
19	Crest Energy	Solar	100	15,898,190	-	-	-	-	-	-	-	-	-	-
20	Harappa	Solar	18	3,199,610	-	-	-	-	-	-	-	-	-	-
21	Aj Solar	Solar	12	1,740,440	-	-	-	-	-	-	-	-	-	-
22	AEP Wind	Wind	50	26,813,160	-	-	-	-	-	-	-	-	-	-
23	Jhampir Wind	Wind	50	25,823,850	-	-	-	-	-	-	-	-	-	-
24	HAWA Wind	Wind	50	24,459,410	-	-	-	-	-	-	-	-	-	-
25	IGT	Wind	50	20,502,066	-	-	-	-	-	-	-	-	-	-
26	TGS	Wind	50	20,390,871	-	-	-	-	-	-	-	-	-	-
27	Ticon Boston-A	Wind	50	28,931,950	-	-	-	-	-	-	-	-	-	-
28	Ticon Boston-B	Wind	50	28,931,950	-	-	-	-	-	-	-	-	-	-
29	Ticon Boston-C	Wind	50	28,931,950	-	-	-	-	-	-	-	-	-	-
30	TEPWR Wind	Wind	50	26,108,413	-	-	-	-	-	-	-	-	-	-
31	Foundation Wind Energy-II (Pvt.) Limited	Wind	50	18,315,040	-	-	-	-	-					

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

Sl. 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.)
G- Total:			34,982	16,078,085,831	103,096,581,567	4,620,429,634	107,717,011,201	3,283,304,922	1,554,911,741	4,838,216,663	-	106,379,886,489	6,175,341,374	112,555,227,863
Summary														
1	Hydel			5,594,298,564	-	490,772,888	490,772,888	-	27,859,328	27,859,328	-	-	518,632,216	518,632,216
2	Coal			2,293,825,100	20,719,383,861	943,757,614	21,662,141,475	90,308,469	(229,648)	90,078,820	-	20,808,692,330	943,527,965	21,752,220,295
3	USD			19,843,176	448,954,528	16,887,745	465,842,273	39,508,708	-	39,508,706	-	488,463,234	16,887,745	505,350,979
4	P.O.			1,627,559,218	29,687,192,546	1,391,125,867	31,078,318,412	1,705,262,354	(23,320,078)	1,682,942,276	-	31,393,454,900	1,367,805,788	32,761,260,688
5	Gas			1,313,211,159	10,910,422,269	631,367,602	11,541,789,871	(25,189,735)	(414,962)	(25,604,697)	-	10,885,252,534	630,952,640	11,516,205,174
6	RLTG			2,895,923,807	38,921,461,408	1,128,855,575	40,050,316,983	1,452,083,139	1,552,531,610	3,004,614,748	-	40,373,544,547	2,681,387,185	43,054,931,731
6	Nuclear			1,630,186,000	1,627,929,034	-	1,627,929,034	-	-	-	-	1,627,929,034	-	1,627,929,034
7	Import from Iran			45,243,000	559,011,195	-	559,011,195	27,541,119	-	27,541,119	-	586,552,314	-	586,552,314
8	Wind Power			549,952,857	-	-	-	-	-	-	-	-	-	-
9	Solar			67,005,110	-	-	-	-	-	-	-	-	-	-
10	Bagsasa			24,059,860	143,930,894	17,662,343	161,593,238	(7,229,130)	(1,514,507)	(8,743,638)	-	136,701,764	16,147,836	152,849,600
11	Mixed			16,977,978	79,295,832	-	79,295,832	-	-	-	-	79,295,832	-	79,295,832
Totals For The month:				16,078,085,831	103,096,581,567	4,620,429,634	107,717,011,201	3,283,304,922	1,554,911,741	4,838,216,663	-	106,379,886,489	6,175,341,374	112,555,227,863
Prev. Adjustments :				5,121,530	3,283,304,922	1,554,911,741	4,838,216,663	-	-	-	-	-	-	-
GRAND TOTALs :				16,083,207,361	106,379,886,489	6,175,341,374	112,555,227,863	-	-	-	-	-	-	-

Energy Cost (Rs.)	106,379,886,489	6,175,341,374	112,555,227,863
Cost not chargeable to DISCOs (Rs.)	279,453,178	-	279,453,178
EPP (Chargeable) (Rs.)	106,100,433,311	6,175,341,374	112,275,774,685
Energy Sold (KWh)	15,590,870,830	15,590,870,830	15,590,870,830
Avg. Rate (Rs./KWh)	6.8053	0.3961	7.2014

Reference Rate (Rs./KWh)	4.7334
FCA Rate (Rs./KWh)	2.0719

CENTRAL POWER PURCHASING AGENCY (CPPA)
Detail Breakup of FCC Claimed
For the Month of Aug 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	Attock Gen Limited	RFO	156	77,137,936	16.3070	1,257,891,577	-	10,469,456	-	1,268,361,033		
2	Atlas Power Limited	RFO	214	98,589,852	17.7747	1,752,409,281	-	13,778,179	-	1,766,187,460		
4	Foundation Power Company Daharki Ltd.	Gas	171	112,280,414	6.6024	741,319,463	31,135,417	13,136,259	-	785,591,139		
5	Orient Power Company (Private) Limited	RLNG	213	124,226,016	14.4747	1,798,137,310	55,382,629	28,104,706	-	1,881,624,645		
		HSD		2,954,328	20.7825	61,398,321	1,891,068	3,285,937	-	66,575,326		
6	Saif Power Limited	RLNG	204	123,877,793	14.4770	1,793,378,809	55,953,419	53,178,581	-	1,902,510,809		
7	Engro Powergen Qadirpur Limited	Gas	213	56,339,171	7.1012	400,077,992	13,602,652	58,095,153	-	471,775,797		
8	Sapphire Electric Company Limited	RLNG	203	129,636,510	14.4757	1,876,579,228	57,798,640	42,612,760	-	1,976,990,628		
9	Narowal Energy Limited	RFO	214	101,844,277	18.2028	1,853,851,005	-	7,537,063	-	1,861,388,068		
10	Halmore Power Generation Company Limited	RLNG	199	90,570,530	14.4759	1,311,092,457	39,463,883	41,087,888	-	1,391,644,228		
		HSD	-	16,888,850	20.7178	349,899,809	10,531,984	21,947,408	-	382,379,202		
11	Uch-II Power (Pvt.) Limited	Gas	381	255,979,644	6.6798	1,709,899,295	54,473,548	3,380,550	-	1,767,753,393		
12	China Power Hub Generation company (Pvt.) Ltd	Coal	1,220	381,949,600	6.2320	2,380,319,166	14,996,011	12,551,016	-	2,407,866,193		
13	Quaid-e-Azam Thermal Power (Pvt) Limited	RLNG	1,180	631,951,600	10.8379	6,849,000,013	125,336,700	842,614,023	-	7,816,950,736		
14	National Power Parks Management Company Private	RLNG	2,550	1,308,711,600	10.8169	14,156,232,931	259,059,063	1,467,963,898	-	15,883,255,892		
15	Huaneng Shandong Ruyi Energy (Pvt) Ltd	Coal	1,320	-	-	7,099,098,809	113,831,252	105,410,827	-	7,318,340,888		
16	Port Qasim Electric Power Company (Pvt.) Limited	Coal	1,320	868,129,500	8.2795	7,187,676,539	149,503,673	39,833,946	-	7,377,014,158		
IPPs Total:-			11,273	4,381,067,621	-	52,578,262,005	982,959,939	2,764,987,650	-	56,326,209,594		

Detail Of Energy Imported From Small Power Producers					
DISCO	Captive	Contract Capacity (MW)	Description	Aug, 2021	Rate (Rs./KWh)
MEPCO	Kumhar Wala Power House-I	5.00	Energy	1,244,678	
			Cost (Rs.)	-	
	DISCO's Total:-	5.00	Energy	1,244,678	0.00
			Cost (Rs.)	-	
HESCO	Thatta Power (Pvt.) Ltd.,	18.80	Energy	1,448,500	5.04
			Cost (Rs.)	7,300,440	
	Lucky Cement Factory Ltd., N-Abad	20.00	Energy	14,284,800	5.04
			Cost (Rs.)	71,995,392	
	DISCO's Total:-	56.80	Energy	15,733,300	5.04
			Cost (Rs.)	79,295,832	
G-Total		61.80	Energy	16,977,978	4.67
			Cost (Rs.)	79,295,832	