



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

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No. CPPA-G/2020/CFO/25304-06

Dated: December 15, 2020

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

SUBJECT: XWDISCO'S - ENERGY PURCHASE DATA FOR THE MONTH OF NOVEMBER 2020

With reference to FCA mechanism provided in XWDISCO's tariff determination, attached please find the Energy Data for the month of November 2020. It is mentioned that soft copy of the FCA Claim along with the EPP invoices is being sent to NEPRA for its consideration.



15/12/20
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 NOVEMBER, 2020

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 NOVEMBER, 2020

This is to certify that: -

- i) All purchases have been made from IPP's Under 1994 Policy, including HUBCO, KAPCO & Chasnapp 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 NOVEMBER 2020.**

- I. It is certified that Merit order was followed as defined under section 2 (h) (x) of the NEPRA Licensing (Generation) Rules 2000, while operating power plant in its fleet during month of NOVEMBER 2020.
- II. Claimed Partial Loading Adjustment charges (PLAC) was not due to load 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.

Energy Department Report (U.S. Energy Department) For the Month of November 2020

**CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of November 2020**

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of November 2020

S. No.	Power Products	Fuel	Deps. Capacity (kW)	Energy kWh	Fuel Charges Rs.	VOM Charges Rs.	Pmt. Adjustment in Fuel Cost Rs.	Pmt. Adjustment in VOM (Rs.)	Pmt. Adjustment in EPP Rs.	Sur. Charge Rs.	Total Fuel Cost: Rs.	Total VOM: Rs.	Total Energy Cost: [Rs.]
21	A) Solar	Solar	18	1,214,450	-	-	-	-	-	-	-	-	-
22	B) Wind	Wind	50	3,459,540	-	-	-	-	-	-	-	-	-
23	Wind - Grid	Wind	50	6,956,590	-	-	-	-	-	-	-	-	-
24	Wind - Off Grid	Wind	50	10,134,950	-	-	-	-	-	-	-	-	-
25	TG	Wind	50	9,042,520	-	-	-	-	-	-	-	-	-
26	TGS	Wind	50	7,509,540	-	-	-	-	-	-	-	-	-
27	Tesan Botnia-A	Wind	50	8,153,175	-	-	-	-	-	-	-	-	-
28	Tesan Botnia-B	Wind	50	5,411,075	-	-	-	-	-	-	-	-	-
29	Tesan Botnia-C	Wind	50	5,417,132	-	-	-	-	-	-	-	-	-
30	ZEPH Wind	Wind	50	9,775,409	-	-	-	-	-	-	-	-	-
31	Floridake Wind Energy (Pvt) Limited	Mixed	100	7,113,450	-	-	-	-	-	-	-	-	-
32	SPPA	Sub-Tot:	257	25,128,347	182,566,554	182,566,554	-	-	-	-	112,646,304	-	452,245,204
33	G-T-G Total:	Sub-Tot:	341,167	7,372,515,562	25,999,054,446	27,497,151,557	70,495,057	70,495,057	-	-	10,595,603	-	27,411,549,870
Sanitary													
1	[Hydel]			2,990,349,053	-	-	-	-	-	-	226,980,832	-	226,980,832
2	Cost			1,095,470,280	-	-	-	-	-	-	8,317,859,478	-	8,317,859,478
3	HED			-	-	-	-	-	-	-	-	-	-
4	F.O.			-	-	-	-	-	-	-	-	-	-
5	Gas			27,772,44	32,729,382	27,724,416	-	-	-	-	326,729,382	-	326,729,382
6	LNG			437,042,574	3,439,278,986	199,82,437	3,692,451,435	10,496,863	-	-	5,503,777,881	-	354,153,777
7	Natural Gas			1,913,981,170	12,466,691,889	770,448,613	13,217,740,402	-	-	12,445,691,889	-	5,702,598,798	
8	Importation Min. Importation Max. New FOB			663,295,000	677,916,916	677,916,916	-	-	-	-	677,916,916	-	13,217,140,402
9	Solar			33,451,000	325,379,744	325,379,744	-	-	-	-	325,379,744	-	325,379,744
10	Biogas			47,016,540	-	-	-	-	-	-	-	-	-
11	Mixed			59,992,163	158,285,115	46,357,932	46,348,050	-	-	-	35,685,116	-	461,343,050
Total For the month:													
Pmt. Adjustment :													
GRAND TOTAL:													
				7,479,395,982	25,055,521,303	1,618,627,611	-	-	-	-	10,595,603	-	27,411,549,870
Energy Cost (Rs.)													
				25,605,521,103	1,806,027,511	27,411,549,870	-	-	-	-	-	-	-
Cost not chargeable to DISCOMS (Rs.)													
				672,756,791	-	-	-	-	-	-	672,756,791	-	-
EPP (Chargeable) (Rs.)													
				24,932,724,518	1,806,027,511	26,738,752,029	-	-	-	-	-	-	-
Energy Sold (kWh)													
				7,235,389,401	7,235,389,401	7,235,389,401	-	-	-	-	-	-	-
Avg. Rate (Rs./kWh)													
				3,4459	0,2436	3,6935	-	-	-	-	-	-	-
Reference Rate (Rs./kWh)													
				2,4877	-	-	-	-	-	-	-	-	-
FOA Rate (Rs./kWh)													
				0,9582	-	-	-	-	-	-	-	-	-

Energy Cost (Rs.)	25,605,521,103	1,806,027,511	27,411,549,870
Cost not chargeable to DISCOMS (Rs.)	672,756,791	-	672,756,791
EPP (Chargeable) (Rs.)	24,932,724,518	1,806,027,511	26,738,752,029
Energy Sold (kWh)	7,235,389,401	7,235,389,401	7,235,389,401
Avg. Rate (Rs./kWh)	3,4459	0,2436	3,6935
Reference Rate (Rs./kWh)	2,4877	-	-
FOA Rate (Rs./kWh)	0,9582	-	-

Detail Of Energy imported From Small Power Producers					
DISCO	SPPs	Contract Capacity (MW)	Description	Nov, 2020	Rate (Rs./KWh)
MPCO	Kumhar Wala Power House-I	5.00	Energy Cost (Rs.)	617,273	
	DISCO's Total:-	5.00	Energy Cost (Rs.)	617,273	0.00
HESCO	Thatta Power (Pvt.) Ltd.,	18.80	Energy Cost (Rs.)	2,222,000 15,109,600	6.80
	Agar Textile Mills	2.00	Energy Cost (Rs.)	6,926,000 54,039,400	7.80
	Hi-Tech	8.00	Energy Cost (Rs.)	2,279,680 17,781,504	7.80
	Lucky Cement Factory Ltd., N-Abad	20.00	Energy Cost (Rs.)	14,076,000 95,718,800	6.80
	DISCO's Total:-	56.80	Energy Cost (Rs.)	26,505,680 182,646,304	7.16
	Diesel Power Garam Chashma		Energy Cost (Rs.)	5,394	0.00
PESCO	DISCO's Total:-		Energy Cost (Rs.)	5,394	0.00
	G-Total	61.80	Energy Cost (Rs.)	26,128,347 182,646,304	6.99

CENTRAL POWER PURCHASING AGENCY (CPPA)

Detail Breakup of FCC Claimed

For the Month of November 2020

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	8,490,663	6,6297	56,290,546	2,364,203	4,566,734	-	63,221,483
2	Engro Powergen Qasipur Limited	Gas	213	7,212,502	7,1240	51,381,863	1,695,601	6,301,818	-	59,319,282
3	Sapphire Electric Company Limited	RLNG	203	5,708,770	7,2610	41,451,379	1,276,703	2,301,325	-	45,029,407
4	Uch-II Power (Pvt.) Limited	Gas	381	22,708,309	7,2256	164,080,240	2,568,596	2,771,523	-	169,420,359
5	Quaid-e-Azam Thermal Power (Pvt) Limited	RLNG	1,180	695,734,300	6,0226	4,190,129,396	67,461,083	200,452,484	-	4,458,042,943
6	Haveli Bahadur Shah	RLNG	1,230	612,441,000	5,9650	3,653,210,565	58,816,690	28,541,889	-	3,905,569,124
7	Huaneng Shandong Ruyi Energy (Pvt) Ltd	Coal	1,320	111,936,600	5,5916	625,900,563	92,606,481	95,081,573	-	873,508,617
8	BalokI	RLNG	1,320	591,912,600	6,0119	3,558,519,360	57,292,162	259,405,030	-	3,875,216,552
9	China Power Hub Generation company (Pvt.) Ltd	Coal	660	221,603,100	8,3691	1,854,617,202	12,570,931	140,768,676	2,007,938,759	
10	Port Qasim Electric Power Company (Pvt.) Limited	Coal	1,320	362,076,580	4,4307	1,604,252,703	25,160,599	62,012,157	-	1,691,425,459
IPPs Total:-			7,998	2,639,824,424	-	15,799,833,817	321,813,049	1,057,203,119	-	17,178,849,965

B