



**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](http://www.cppa.gov.pk)

No. CPPA-G/2019/CFO/ 29774-75

Dated: December 12<sup>th</sup>, 2019

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

**SUBJECT: XWDISCO'S FCA MECHANISM-ENERGY PURCHASE DATA FOR THE MONTH OF NOVEMBER, 2019.**

With reference to FCA mechanism provided in XWDISCO's tariff determination, attached please find the Energy Data for the month of November, 2019 for your information and necessary action in this regard. It is mentioned that soft copy of the same is being sent to NEPRA.



Chief Financial Officer

CC:

- Chief Executive Officer, CPPA-G.  
Master File

**CERTIFICATE**  
**FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF**  
**REGARDING 1994 POWER POLICY (HUBCO & KAPCO INCLUSIVE)**  
**FOR THE MONTH OF November, 2019**

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.



**M.A.Q.**  
DGM (Technical)  
(Conventional)



**Mr. Sabir**  
DGMF-II (CPPA-G)

# **CERTIFICATE**

## **FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF**

### **REGARDING 2002 POWER POLICY FOR THE MONTH OF November, 2019**

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)**

**CENTRAL POWER PURCHASING AGENCY (CPPA)  
Energy Procurement Report (Provisional)  
For the Month of November 2019**

CENTRAL POWER PURCHASING AGENCY (CPPA)  
Energy Procurement Report (Provisional)

**CENTRAL POWER PURCHASING AGENCY (CPPA)**  
Energy Procurement Report (Provisional)  
For the Month of November 2019

SEN No.	Power Producer	Fuel	Qty/ Capacity (MWH)	Energy (KWH)	Final Charges Rs.	VOMA Charges Rs.	PPU Billing Month (BAJ)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in VOMA (Rs.)	Prev. Adjustment in DPP Total Rate (Rs.)	Supp. Charges	Total Fuel Cost	Total VOMA Rs.	Total Cost Rs.		
												Total	VOMA	DPP		
21	AES Grid	Solar	18	2,271,440	-	-	-	-	-	-	-	-	2,271,440	0.00	0.00	
22	AES Wind	Wind	50	4,128,461	-	-	-	-	-	-	-	-	4,128,461	0.00	0.00	
23	AGNI Wind	Wind	50	4,136,790	-	-	-	-	-	-	-	-	4,136,790	0.00	0.00	
24	AGNI Wind	Wind	50	4,731,960	-	-	-	-	-	-	-	-	4,731,960	0.00	0.00	
25	ICF	Wind	50	3,481,836	-	-	-	-	-	-	-	-	3,481,836	0.00	0.00	
26	ICF	Wind	50	3,272,970	-	-	-	-	-	-	-	-	3,272,970	0.00	0.00	
27	Tiltron Bantara	Wind	50	3,300,042	-	-	-	-	-	-	-	-	3,300,042	0.00	0.00	
28	Tiltron Bantara	Wind	50	3,399,386	-	-	-	-	-	-	-	-	3,399,386	0.00	0.00	
29	Tiltron Bantara	Wind	50	3,226,656	-	-	-	-	-	-	-	-	3,226,656	0.00	0.00	
30	ZEPHYR Wind	Wind	267	14,158,960	82,857,019	(195,959)	-	-	-	-	-	-	92,857,019	92,857,019	92,857,019	
31	ZEPHYR Wind	Mixed	267	215,721,822	92,857,019	(195,959)	-	-	-	-	-	-	92,857,019	92,857,019	92,857,019	
<b>Sub-Total:</b>			<b>32,628</b>	<b>7,433,761,694</b>	<b>24,851,701,317</b>	<b>2,248,445,992</b>	<b>21,165,715,491</b>	<b>204,447,925</b>	<b>10,253,275,916</b>	<b>108,224,294</b>	<b>10,254,294</b>	<b>108,224,294</b>	<b>204,447,925</b>	<b>11,751,378,875</b>	<b>1,471,855,41</b>	<b>13,223,275,616</b>
<b>TOTALITY:</b>				<b>2,900,961,107</b>	<b>11,751,378,875</b>	<b>1,471,855,41</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
1	Hydro	-	-	2,911,135	-	-	-	-	-	-	-	-	-	-	-	-
2	Grid	-	-	2,531,714	-	-	-	-	-	-	-	-	-	-	-	-
3	F.O.	-	-	6,006	-	-	-	-	-	-	-	-	-	-	-	-
4	F.O.	-	-	4,025	-	-	-	-	-	-	-	-	-	-	-	-
5	Gas	-	-	9,220	-	-	-	-	-	-	-	-	-	-	-	-
6	Nuclear	-	-	11,568	-	-	-	-	-	-	-	-	-	-	-	-
7	Import from IEN	-	-	35,571,800	-	-	-	-	-	-	-	-	-	-	-	-
8	Wind Power	-	-	12,256	-	-	-	-	-	-	-	-	-	-	-	-
9	Solar	-	-	0,652	-	-	-	-	-	-	-	-	-	-	-	-
10	Biomass	-	-	0,224	-	-	-	-	-	-	-	-	-	-	-	-
11	Mixed	-	-	0,185	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total For the month:</b>				<b>7,433,761,694</b>	<b>24,851,701,317</b>	<b>2,248,445,992</b>	<b>21,165,715,491</b>	<b>204,447,925</b>	<b>10,253,275,916</b>	<b>108,224,294</b>	<b>10,254,294</b>	<b>108,224,294</b>	<b>204,447,925</b>	<b>11,751,378,875</b>	<b>1,471,855,41</b>	<b>13,223,275,616</b>
<b>2 PREV. Adjustments :</b>				<b>7,433,761,694</b>	<b>24,851,701,317</b>	<b>2,248,445,992</b>	<b>21,165,715,491</b>	<b>204,447,925</b>	<b>10,253,275,916</b>	<b>108,224,294</b>	<b>10,254,294</b>	<b>108,224,294</b>	<b>204,447,925</b>	<b>11,751,378,875</b>	<b>1,471,855,41</b>	<b>13,223,275,616</b>
<b>GRAND TOTAL:</b>				<b>7,433,761,694</b>	<b>24,851,701,317</b>	<b>2,248,445,992</b>	<b>21,165,715,491</b>	<b>204,447,925</b>	<b>10,253,275,916</b>	<b>108,224,294</b>	<b>10,254,294</b>	<b>108,224,294</b>	<b>204,447,925</b>	<b>11,751,378,875</b>	<b>1,471,855,41</b>	<b>13,223,275,616</b>

Energy Cost (Rs.)	25,162,985,714	2,356,679,346	27,719,475,940
Cost not chargeable to DISCO's (Rs.)	349,301,857	-	349,301,857
EPB (chargeable) (Rs.)	25,013,681,717	2,356,679,346	27,370,165,053
Energy Sold (kWh)	7,205,705,975	7,205,705,975	7,205,705,975
Avg. Rate (Rs./kWh)	3,4713	0.3271	3,7984
Reference Rate (Rs./kWh)		2,4817	
FCA Rate (Rs./kWh)		0.9835	

**Detail Of Energy Imported From Small Power Producers**

DISCO	SPPs	Contract Capacity	Description	Nov, 19	Rate (Rs./KWh)
MEPCO	Kumhar Wala Power House-4	5.00	Energy Cost (Rs.)	1,450,320 -	
	DISCO's Total:-	34.00	Energy Cost (Rs.)	1,450,320 -	0.00
HESCO	Thatta Power (Pvt.) Ltd.,	18.80	Energy Cost (Rs.)	4,579,500 31,140,600	6.80
	Anoud Textile NCPP	10.00	Energy Cost (Rs.)	(640) (4,352)	6.80
	Agar Textile Mills	2.00	Energy Cost (Rs.)	6,880,000 53,664,000	7.80
	Chamber Sugar Mills	3.40	Energy Cost (Rs.)	254,670 1,601,874	6.29
	Bandhi Sugar Mills		Energy Cost (Rs.)	413,480 2,600,788	6.29
	Sanghar Sugar Mills	3.40	Energy Cost (Rs.)	417,352 2,625,144	6.29
	Habib Sugar Mills	3.40	Energy Cost (Rs.)	6 38	6.29
	Hi-Tech	8.00	Energy Cost (Rs.)	149,440 1,165,632	7.80
	Mehran	2.00	Energy Cost (Rs.)	14,832 93,293	6.29
	DISCO's Total:-	105.00	Energy Cost (Rs.)	12,708,640 92,887,019	0.00
<b>G-Total</b>		<b>198.60</b>	Energy Cost (Rs.)	<b>14,158,960 92,887,019</b>	<b>6.56</b>

**Detail Of Energy Supplemental Charges**

Power Producer	Supp. Charges							Total Supplemental
	Start-up	PLAC	Open Cyclo	Bonus	Fuel Diff.	ED	Others	
2 Hub Power	-	-	-	-	-	-	-	-
3 Kohinoor Energy	-	+	-	-	-	-	-	-
4 AES Latpr	-	-	-	-	-	-	-	-
5 Pak Gen Power Limited	-	-	+	-	-	-	-	-
6 Habibullah	-	-	-	-	-	-	-	-
7 Fauji Kabilwala	-	-	-	-	-	-	-	-
8 Rousch	-	-	-	-	-	-	-	-
9 Saba Power	-	-	-	-	-	-	128,084,900	128,084,900
10 Uch	-	-	-	-	-	-	-	-
11 Alterm	-	-	-	-	-	-	52,705,908	52,705,908
12 Liberty	-	+	-	-	-	-	-	-
13 Davis Energen	-	-	-	-	-	-	-	-
14 Chashma Nuclear	-	-	-	-	-	-	-	-
15 Chashma Nuclear-II	-	-	-	-	-	-	-	-
16 Chashma Nuclear-III	-	-	-	-	-	-	-	-
17 Chashma Nuclear-IV	-	-	-	-	-	-	-	-
18 Tavanir Iran	-	-	-	-	-	-	-	-
<b>Sub-Total:</b>	-	-	-	-	-	-	<b>180,790,808</b>	<b>180,790,808</b>
<b>Sub-Total:</b>	-	-	-	-	-	-	-	-
<b>G-Total:</b>	-	-	-	-	-	-	<b>180,790,808</b>	<b>180,790,808</b>

**CENTRAL POWER PURCHASING AGENCY (CPPA)**  
**Detail Breakup of FCC Claimed**  
**For the Month of November 2019**

S.N. o.	Power Producer	Fuel	Dep. Capacity (MW)	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.	Fuel Charges Rs.
1	Foundation Power	Gas	171	7.0247	171,458,860	6,515,219	32,480,725	210,454,804
2	Engro Energy	Gas	213	7.9345	196,012,786	-	20,903,866	216,916,652
3	Uch-II	Gas	381	6.8502	491,866,116	-	-	491,866,116
4	China Hub Power (Pvt.) Ltd	Coal	1,220	5.2709	2,425,762,002	-	-	2,425,762,002
5	Engro PowerGen Thar TPS	Coal	660	5.9678	2,297,299,836	-	-	2,297,299,836
6	QATPL	RLNG	1,180	9.2313	327,071,421	3,924,857	20,061,516	351,057,794
7	Haveli Bahadur Shah	RLNG	1,230	9.1048	5,345,350,689	64,144,208,2704	492,504,065	5,901,998,962
8	Coal Fire Power Plant	Coal	1,320	6.8780	3,070,289,206	34,387,239	72,429,016	3,177,105,460
9	Balochi	RLNG	1,320	9.2267	567,755,113	6,813,061	51,528,514	626,096,689
10	Port Qasim	Coal	1,320	5.0855	3,756,513,913	34,935,579	59,763,085	3,851,212,577
Sub-Total:		9,015		18,649,379,942	150,720,164	749,670,787	19,549,770,892	
IPPs Total:-		9,015	-	18,649,379,942	150,720,164	749,670,787	19,549,770,892	

**Detail Breakup of Previous Adjustments**

	Power Producer	Fuel	Dep. Capacity (MW)	Previous Adjustment Detail				
				Fuel Charges Rs.	Load Correction Factor (kL) Rs.	Heat Degradation Factor (Dh) Rs.	Any Other Cost	Total Fuel Cost Rs.
1	Attack-Gen	RFO	156	-				-
2	Atlas Power	RFO	214	-				-
3	Nishat Power	RFO	195	-				-
4	Foundation Power	Gas	171	304,043,345	16,692,104			320,735,449
5	Orient	RLNG	213	-				-
		HSD						
6	Nishat Chunian	RFO	196	-				-
7	Salf Power	RLNG	204	-				-
		HSD						
8	Engro Energy	Gas	213	-				-
		HSD						
9	Saphire Power	RLNG	203	-				-
		HSD						
10	Hubco Narowal			-				-
11	Liberty Power			-				-
12	Halmore			-				-
13	Uch-II	Gas	381	-				-
21	QATPL	RLNG	1,180	-	-	-		-
22	Haveli Bahadur Shah	RLNG	1,230	-	-	-		-
	01-08-19 to 15-08-19			-	-	-		-
26	Bafoki	RLNG	1,320	-	-	-		-
	01-08-19 to 15-08-19			-	-	-		-
27	Port Qasim	Coal	1,320					
	Sub-Total:		8,989	304,043,345	16,692,104	-	-	320,735,449
	G-Total:		13,326	304,043,345	16,692,104	-	-	320,735,449