



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/2020/CFO/962-63

Dated: January 15, 2021

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

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

With reference to FCA mechanism provided in XWDISCO's tariff determination, attached please find the Energy Data for the month of December 2020. 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 DECEMBER, 2020

This is to certify that:-

- 1) All purchases have been made from Generation Companies having valid generation License issued by NEPA.
- 2) Invoices of all Electricity Purchases have been processed in accordance with the rates, terms & conditions as determined by NEPA. Payments related to periodical adjustments are also made as per decision of NEPA.
- 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 NEPA 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 DECEMBER, 2020

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)

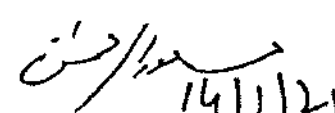
CERTIFICATE

Subject: MONTHLY FUEL CHARGES ADJUSTMENT OF DISCOS FOR THE MONTH OF DECEMBER-2020.

- 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-2020.
- 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


14/11/21
Chief Engineer (Network Operation)
NPCC, NTDC, Islamabad.

CENTRAL POWER PURCHASING AGENCY (CPA)
Energy Procurement Report (Provisional)
For the Month of December 2020

S.No.	Power Producers	Fuel	Dep. Capacity (MW)	Energy KWh	Fuel Charges Rs.	VOEM Charges Rs.	epp Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in VOEM (Rs.)	Prev. Adjustment in BPP Total Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VOEM Rs.	Total Energy Cost (Rs.)		
															A	B
1	WAPDA Jagori Pichare Nasirpur Nasirpur II Nasirpur III Nasirpur IV Nasirpur V Nasirpur VI Nasirpur VII Nasirpur VIII Nasirpur IX Nasirpur X Nasirpur XI Nasirpur XII	Hydel	6,902	1,551,242.713				125,372,215								
		Hydel	30	2,474,527				6,409,025								
		Hydel	18	10,414,320				3,298,216								
		Hydel	81	35,632,240				17,438,911								
		Hydel	64	19,511,400				3,414,495								
		Hydel	147	2,022,004				657,183								
		Hydel	959	520,029,100				156,230,049								
		Hydel	1,478	3,385,820				657,183								
		Hydel	101	3,027,520				657,183								
		Hydel	934	934,750				156,230,049								
		Hydel	9,818	1,758,233,684				156,230,049								
		EWAPDA GENCO-2														
		GENCO-3														
		GENCO-4														
		GENCO-5														
		GENCO-6														
GENCO-7																
GENCO-8																
GENCO-9																
GENCO-10																
GENCO-11																
GENCO-12																
GENCO-13																
GENCO-14																
GENCO-15																
GENCO-16																
GENCO-17																
GENCO-18																
GENCO-19																
GENCO-20																
GENCO-21																
GENCO-22																
GENCO-23																
GENCO-24																
GENCO-25																
GENCO-26																
GENCO-27																
GENCO-28																
GENCO-29																
GENCO-30																
GENCO-31																
GENCO-32																
GENCO-33																
GENCO-34																
GENCO-35																
GENCO-36																
GENCO-37																
GENCO-38																
GENCO-39																
GENCO-40																
GENCO-41																
GENCO-42																
GENCO-43																
GENCO-44																
GENCO-45																
GENCO-46																
GENCO-47																
GENCO-48																
GENCO-49																
GENCO-50																
GENCO-51																
GENCO-52																
GENCO-53																
GENCO-54																
GENCO-55																
GENCO-56																
GENCO-57																
GENCO-58																
GENCO-59																
GENCO-60																
GENCO-61																
GENCO-62																
GENCO-63																
GENCO-64																
GENCO-65																
GENCO-66																
GENCO-67																
GENCO-68																
GENCO-69																
GENCO-70																
GENCO-71																
GENCO-72																
GENCO-73																
GENCO-74																
GENCO-75																
GENCO-76																
GENCO-77																
GENCO-78																
GENCO-79																
GENCO-80																
GENCO-81																
GENCO-82																
GENCO-83																
GENCO-84																
GENCO-85																
GENCO-86																
GENCO-87																
GENCO-88																
GENCO-89																
GENCO-90																
GENCO-91																
GENCO-92																
GENCO-93																
GENCO-94																
GENCO-95																
GENCO-96																
GENCO-97																
GENCO-98																
GENCO-99																
GENCO-100																
GENCO-101																
GENCO-102																
GENCO-103																
GENCO-104																
GENCO-105																
GENCO-106																
GENCO-107																
GENCO-108																
GENCO-109																
GENCO-110																
GENCO-111																
GENCO-112																
GENCO-113																
GENCO-114																
GENCO-115																
GENCO-116																
GENCO-117																
GENCO-118																
GENCO-119																
GENCO-120																
GENCO-121																
GENCO-122																
GENCO-123																
GENCO-124																
GENCO-125																
GENCO-126																
GENCO-127																
GENCO-128																
GENCO-129																
GENCO-130																
GENCO-131																
GENCO-132																
GENCO-133																
GENCO-134																
GENCO-135																
GENCO-136																
GENCO-137																
GENCO-138																
GENCO-139																
GENCO-140																
GENCO-141																
GENCO-142																
GENCO-143																
GENCO-144																
GENCO-145																
GENCO-146																
GENCO-147																
GENCO-148																
GENCO-149																
GENCO-150																
GENCO-151																
GENCO-152																
GENCO-153																
GENCO-154																
GENCO-155																
GENCO-156																
GENCO-157																
GENCO-158																
GENCO-159																
GENCO-160																
GENCO-161																
GENCO-162																
GENCO-163																
GENCO-164																
GENCO-165																
GENCO-166																
GENCO-167																
GENCO-168																
GENCO-169																
GENCO-170																
GENCO-171																
GENCO-172																
GENCO-173																
GENCO-174																
GENCO-175																
GENCO-176																
GENCO-177																
GENCO-178																
GENCO-179																
GENCO-180																
GENCO-181																
GENCO-182																
GENCO-183																
GENCO-184																
GENCO-185																
GENCO-186																
GENCO-187																
GENCO-188																
GENCO-189																
GENCO-190																
GENCO-191																
GENCO-192																
GENCO-193																
GENCO-194																
GENCO-195																
GENCO-196																
GENCO-197																
GENCO-198																
GENCO-199																
GENCO-200																
GENCO-201																
GENCO-202																
GENCO-203																
GENCO-204																
GENCO-205																
GENCO-206																
GENCO-207																
GENCO-208																
GENCO-209																
GENCO-210																
GENCO-211																
GENCO-212																
GENCO-213																
GENCO-214																
GENCO-215																
GENCO-216																
GENCO-217																
GENCO-218																
GENCO-219																
GENCO-220																
GENCO-221																
GENCO-222																
GENCO-223																
GENCO-224																
GENCO-225																
GENCO-226																
GENCO-227																
GENCO-228																
GENCO-229																
GENCO-230																
GENCO-231																
GENCO-232																
GENCO-233																
GENCO-234																
GENCO-235																
GENCO-236																
GENCO-237																
GENCO-238																
GENCO-239																
GENCO-240																
GENCO-241																
GENCO-242																
GENCO-243																
GENCO-244																
GENCO-245																
GENCO-246																
GENCO-247																
GENCO-248																
GENCO-249																
GENCO-250																
GENCO-251																
GENCO-252																
GENCO-253																
GENCO-254																
GENCO-255																
GENCO-256																
GENCO-257																
GENCO-258																
GENCO-259																
GENCO-260																
GENCO-261																
GENCO-262																
GENCO-263																
GENCO-264																
GENCO-265																
GENCO-266																
GENCO-267																
GENCO-268																
GENCO-269																
GENCO-270																
GENCO-271																
GENCO-272																
GENCO-273																
GENCO-274																
GENCO-275																
GENCO-276																
GENCO-277																
GENCO-278																
GENCO-279																
GENCO-280																
GENCO-281																
GENCO-282																
GENCO-283																
GENCO-284																
GENCO-285																
GENCO-286																
GENCO-287																
GENCO-288																
GENCO-289																
GENCO-290																
GENCO-291																
GENCO-292																
GENCO-293																
GENCO-294																
GENCO-295																
GENCO-296																
GENCO-297																
GENCO-298																
GENCO-299																
GENCO-300																
GENCO-301																
GENCO-302																
GENCO-303																
GENCO-304																
GENCO-305																
GENCO-306																
GENCO-307																
GENCO-308																
GENCO-309																
GENCO-310																
GENCO-311																
GENCO-312																
GENCO-313																
GENCO-314																
GENCO-315																
GENCO-316																
GENCO-317																
GENCO-318																
GENCO-319																
GENCO-320																
GENCO-321																
GENCO-322																
GENCO-323																
GENCO-324																
GENCO-325																
GENCO-326																
GENCO-327																
GENCO-328																
GENCO-329																
GENCO-330																
GENCO-331																
GENCO-332																
GENCO-333																
GENCO-334																
GENCO-335																
GENCO-336																
GENCO-337																
GENCO-338																
GENCO-339																
GENCO-340																
GENCO-341																
GENCO-342																
GENCO-343																
GENCO-344																
GENCO-345																
GENCO-346																
GENCO-347																
GENCO-348																
GENCO-349																
GENCO-350																
GENCO-351																
GENCO-352																
GENCO-353																
GENCO-354																
GENCO-355																
GENCO-356																
GENCO-357																
GENCO-358																
GENCO-359																
GENCO-360																
GENCO-361																
GENCO-362																
GENCO-363																
GENCO-364																
GENCO-365																
GENCO-366																
GENCO-367																
GENCO-368																
GENCO-369																
GENCO-370																
GENCO-371																
GENCO-372																
GENCO-373																
GENCO-374																
GENCO-375																
GENCO-376																
GENCO-377																
GENCO-378																
GENCO-379																
GENCO-380																
GENCO-381																
GENCO-382																
GENCO-383																
GENCO-384																
GENCO-385																
GENCO-386																
GENCO-387																
GENCO-388																
GENCO-389																
GENCO-390																
GENCO-391																
GENCO-392																
GENCO-393																
GENCO-394																
GENCO-395																
GENCO-396																
GENCO-397																
GENCO-398																
GENCO-399																
GENCO-400																

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

S.No.	Power Producers	Fuel	Def. 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 VOAM Rs.	Total Energy Cost (Rs.)
21	Solar	Solar	16	1,210,229	99,855,626	-	39,074,914,197	10,045,270,454	-	10,116,295,649	-	99,855,626	-	99,855,626
22	AEP Wind	Wind	50	13,274,673	37,666,442,637	2,308,470,754	156,290,049	2,484,292,672	64,637,276	2,538,930,151	-	17,469,332,716	156,290,049	17,625,622,865
23	Jharkar Wind	Wind	50	11,437,120	658,367,580	658,367,580	15,420,405,824	563,810,830	563,810,830	563,810,830	-	4,025,183,026	563,810,830	4,588,993,856
24	HAWA Wind	Wind	50	12,686,890	-	-	3,860,796,273	816,838,674	29,916	816,868,489	-	4,025,183,026	274,481,184	4,299,664,210
25	TGT	Wind	50	9,365,719	-	-	9,897,834,059	349,413,368	305,698,785	305,698,785	-	10,811,224,530	672,759,540	11,483,984,070
26	TGS	Wind	50	8,895,888	-	-	3,746,733,651	2,823,913,710	17,184,965	2,841,098,675	-	14,122,877,310	445,595,251	14,568,472,561
27	Trecon Boston-A	Wind	50	8,828,930	-	-	753,234,269	2,823,913,710	-	2,823,913,710	-	325,946,366	-	325,946,366
28	Trecon Boston-B	Wind	50	8,895,888	-	-	325,946,366	-	-	-	-	325,946,366	-	325,946,366
29	Trecon Boston-C	Wind	50	9,536,434	-	-	-	-	-	-	-	-	-	-
30	ZEPRVA Wind	Wind	50	10,366,048	-	-	-	-	-	-	-	-	-	-
31	Foundation Wind Energy3 (Pvt) Limited	Wind	50	10,888,420	-	-	-	-	-	-	-	-	-	-
32	SPPS	Mixed	257	7,987,840	99,855,626	-	99,855,626	-	-	-	-	99,855,626	-	99,855,626
	Sub-Total		1,877	283,679,435	37,666,442,637	2,308,470,754	39,074,914,197	10,045,270,454	73,035,795	10,116,295,649	432,563,411	48,144,277,502	2,381,505,949	50,525,783,451
	CP-0181		34,157	7,078,858,797	37,666,442,637	2,308,470,754	39,074,914,197	10,045,270,454	73,035,795	10,116,295,649	432,563,411	48,144,277,502	2,381,505,949	50,525,783,451
1	Grid		6.08	1,820,226,494	14,565,935,244	156,290,049	156,290,049	2,484,292,672	64,637,276	2,538,930,151	-	17,469,332,716	156,290,049	17,625,622,865
2	Grid		6.71	2,956,838,377	14,565,935,244	658,367,580	15,420,405,824	563,810,830	563,810,830	563,810,830	-	4,025,183,026	563,810,830	4,588,993,856
3	Grid		13.30	293,932,135	3,608,144,954	274,481,184	3,860,796,273	816,838,674	29,916	816,868,489	-	4,025,183,026	274,481,184	4,299,664,210
4	Grid		7.489	1,235,585,174	9,402,248,851	505,675,167	9,897,834,059	349,413,368	305,698,785	305,698,785	-	10,811,224,530	672,759,540	11,483,984,070
5	Grid		7.489	1,054,098,798	3,268,463,600	440,655,251	3,746,733,651	2,823,913,710	17,184,965	2,841,098,675	-	14,122,877,310	445,595,251	14,568,472,561
6	Grid		1.07	743,458,005	753,234,269	753,234,269	753,234,269	2,823,913,710	-	2,823,913,710	-	325,946,366	-	325,946,366
7	Report from the Wind Power		8.11	33,230,200	325,946,366	325,946,366	325,946,366	-	-	-	-	325,946,366	-	325,946,366
8	Grid		46.36	46,360,210	-	-	-	-	-	-	-	-	-	-
9	Grid		6.16	104,171,226	511,890,708	79,121,397	96,330,105	-	1,283,716	1,283,716	-	611,208,708	81,405,113	692,613,821
10	Grid		4.38	26,083,142	99,855,626	-	99,855,626	-	-	-	-	99,855,626	-	99,855,626
11	Grid		30.827,816	7,272,859,757	37,666,442,637	2,308,470,754	39,074,914,197	10,045,270,454	73,035,795	10,116,295,649	432,563,411	48,144,277,502	2,381,505,949	50,525,783,451
	Table For the month			7,272,859,757	37,666,442,637	2,308,470,754	39,074,914,197	10,045,270,454	73,035,795	10,116,295,649	432,563,411	48,144,277,502	2,381,505,949	50,525,783,451
	CPARD TOTALS :			7,272,859,757	37,666,442,637	2,308,470,754	39,074,914,197	10,045,270,454	73,035,795	10,116,295,649	432,563,411	48,144,277,502	2,381,505,949	50,525,783,451

Energy Cost (Rs.)	48,144,277,502	50,525,783,451
Cost not chargeable to DISCOs (Rs.)	728,364,001	728,364,001
EPP (Chargeable) (Rs.)	47,416,913,501	49,797,419,450
Energy Sold (KWh)	7,663,884,232	7,663,884,232
Avg. Rate (Rs./KWh)	6.2687	6.5316

Reference Rate (Rs./KWh)	4.4602
FCA Rate (Rs./KWh)	1.8085

Detail Of Energy Imported From Small Power Producers					
DISCO	SPPs	Contract Capacity (MW)	Description	Dec, 2020	Rate (Rs./KWh)
MEPCO	Kumhar Wala Power House-II	10.50	Energy Cost (Rs.)	583,360 -	
	DISCO's Total:-	5.00	Energy Cost (Rs.)	583,360 -	0.00
HESCO	Thatta Power (Pvt.) Ltd.,	18.80	Energy Cost (Rs.)	1,975,000 9,954,000	5.04
	Anoud Textile NCP	10.00	Energy Cost (Rs.)	43,680 220,147	5.04
	Agar Textile Mills	2.00	Energy Cost (Rs.)	16,000 124,800	7.80
	Hi-Tech	8.00	Energy Cost (Rs.)	2,636,480 15,238,864	5.78
	Lucky Cement Factory Ltd., N-Abad	20.00	Energy Cost (Rs.)	14,745,600 74,317,824	5.04
	DISCO's Total:-	56.80	Energy Cost (Rs.)	19,416,760 99,855,626	5.14
	PESCO	Diesel Power Garam Chashma		Energy Cost (Rs.)	8,622 -
DISCO's Total:-			Energy Cost (Rs.)	8,622 -	0.00
G-Total		61.80	Energy Cost (Rs.)	20,008,742 99,866,626	4.99

CENTRAL POWER PURCHASING AGENCY (CPPA)
Detail Breakup of FCC Claimed
For the Month of December 2020

S.No.	Power Producer	Fuel	Dep. Capacity (MW)	A				B			
				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.	
1	Attock Gen Limited	RFO	156	35,626,295	10.9968	391,776,311	-	11,673,835	-	-	403,450,146
2	Orfent Power Company (Private) Limited	RLNG	213	2,121,082	8.2927	17,589,497	541,756	-	1,061,865	-	19,193,118
3	Engro Powergen Qadirpur Limited	Gas	213	17,475,305	7.1240	124,494,074	4,108,304	-	19,416,513	-	148,018,891
4	Sapphire Electric Company Limited	RLNG	203	2,736,790	8.5906	23,510,668	724,129	-	806,933	-	25,041,730
5	Halmore Power Generation Company Limited	RLNG	199	1,124,727	8.2932	9,327,586	280,760	-	1,292,411	-	10,900,757
6	Uch-II Power (Pvt.) Limited	Gas	381	194,283,936	7.4834	1,453,910,474	-	-	-	-	1,453,910,474
7	China Power Hub Generation company (Pvt.) Ltd	Coal	1,220	555,894,900	4.4611	2,479,902,738	93,880,824	-	71,769,309	-	2,645,552,871
8	Quaid-e-Azam Thermal Power (Pvt) Limited	RLNG	1,180	399,747,100	7.1440	2,855,793,283	45,978,272	143,312,898	-	-	3,045,084,453
9	Havell Bahadur Shah	RLNG	1,230	266,522,800	7.0756	1,885,808,724	30,361,520	88,008,493	-	-	2,004,176,737
10	Huaneng Shandong Ruyi Energy (Pvt) Ltd	Coal	1,320	706,724,600	6.6756	4,717,831,454	143,607,424	-	145,576,536	-	5,007,015,414
11	Bafoki	RLNG	1,320	414,426,300	7.1313	2,955,398,273	47,581,912	121,812,328	-	-	3,124,792,513
12	Port Qasim Electric Power Company (Pvt.) Limited	Coal	1,320	788,104,377	4.5768	3,515,460,113	53,784,710	-	46,441,212	-	3,615,686,035
IPPs Total:-				8,955	-	20,430,803,195	420,849,611	364,805,554	286,364,779	-	21,502,823,139