

CENTRAL POWER PURCHASING AGENCY GUARANTEE LIMITED

(A Company of Government of Pakistan)

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www.cppa.gov.pk

No. CPPA-G/2020/CFO/16628-29

Dated: August 18, 2020

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

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

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

For information & n.a. Please

- ADG (M&E, Tariff)
- SA (Tariff-I)

Copy to:

- DG (M&E)
- M/F

CC: Chairman
- M (Tariff)

JN 20/8/20

[Signature]
Chief Financial Officer

ADG M/F
[Signature]
20/8

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

Senior Advisor Tariff-I
507 5717
By No: 21-8-20
Date: 21-8-20

REGISTRAR

Dy. No: 11565
Date: 20/8/20

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CERTIFICATE


FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

REGARDING 2002 POWER POLICY FOR THE MONTH OF JULY, 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 JULY, 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)

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

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	D+E+F	H	I=B+E+H	J=C+F	K=I+J	
1	Hydel														
	I	WAPDA	Hydel	6,902	3,654,398,113		248,265,401	248,265,401					248,265,401		248,265,401
	II	Jagran	Hydel	30	17,734,772		45,933,059	45,933,059					45,933,059		45,933,059
	III	Pehare	Hydel	18	-		-	-					-		-
	IV	Malakand III SHYDO	Hydel	81	45,409,000		14,381,030	14,381,030					14,381,030		14,381,030
	V	Larab	Hydel	84	31,986,340		9,909,368	9,909,368					9,909,368		9,909,368
	VI	Star Hydro	Hydel	147	89,957,200		15,742,510	15,742,510					15,742,510		15,742,510
	VII	Head Maralla	Hydel	8	4,198,684		-	-					-		-
	VIII	Neelum Jhelum	Hydel	969	716,530,500		-	-					-		-
	IX	Tarbella Ext 4	Hydel	1,476	818,833,000		124,462,616	124,462,616					124,462,616		124,462,616
	X	Mira Power	Hydel	101	27,943,050		5,423,746	5,423,746					5,423,746		5,423,746
		Hydel Total:		9,818	5,406,990,659		464,117,730	464,117,730					464,117,730		464,117,730
	2	Ex-WAPDA GENCOs													
GENCO-I ***															
Jamshoro Block 1		RFO	205	47,814,500	663,397,498	4,422,841	667,820,339					663,397,498	4,422,841	667,820,339	
Unit 1		Gas	-	-	-	-	-	-	-	-	-	-	-	-	
Jamshoro Block 2		RFO	470	-	-	-	-	-	-	-	-	-	-	-	
Unit 2		RFO	-	(546,500)	(8,515,290)	(50,551)	(8,565,841)					(8,515,290)	(50,551)	(8,565,841)	
Unit 2		Gas	-	-	-	-	-	-	-	-	-	-	-	-	
Unit 2		RLNG	-	-	-	-	-	-	-	-	-	-	-	-	
Unit 3		RFO	-	(374,500)	(5,678,056)	(34,641)	(5,712,697)					(5,678,056)	(34,641)	(5,712,697)	
Unit 3		Gas	-	-	-	-	-	-	-	-	-	-	-	-	
Unit 3		RLNG	-	-	-	-	-	-	-	-	-	-	-	-	
Unit 4		RFO	-	-	-	-	-	-	-	-	-	-	-	-	
Unit 4		Gas	-	-	-	-	-	-	-	-	-	-	-	-	
Unit 4		RLNG	-	-	-	-	-	-	-	-	-	-	-	-	
Kotri 3/7		RFO	107	17,604,500	261,293,031	1,628,416	262,921,447					261,293,031	1,628,416	262,921,447	
Jamshoro Block 4		Gas	-	(250,030)	-	-	-	-	-	-	-	-	-	-	
Gas		-	-	-	-	-	-	-	-	-	-	-	-	-	
Jamshoro Total			782	64,247,970	910,497,183	5,966,065	916,463,248					910,497,183	5,966,065	916,463,248	
GENCO-II ***															
Guddu CC Block 1 (CC)		Gas	390	239,770,200	2,052,828,799	16,520,167	2,069,348,966						2,052,828,799	16,520,167	2,069,348,966
Central Block 2 (CC)		Gas	-	54,357,282	428,574,554	3,745,217	432,319,771						428,574,554	3,745,217	432,319,771
Guddu (CC) Block 2		Gas	530	177,848,613	1,557,989,420	12,253,769	1,570,243,189						1,557,989,420	12,253,769	1,570,243,189
Block 3 (Unit 3&4)	Gas	-	7,564,305	66,264,825	521,181	66,786,006						66,264,825	521,181	66,786,006	
Guddu 747 (CC)	Gas	721	307,189,900	1,969,050,771	169,199,701	2,138,250,472						1,969,050,771	169,199,701	2,138,250,472	
Central Total		1,641	546,959,200	4,021,879,570	185,719,868	4,207,599,438						4,021,879,570	185,719,868	4,207,599,438	
GENCO-III ***															
Northern Block 1	RFO	556	37,476,164	771,064,580	6,089,877	777,154,457						771,064,580	6,089,877	777,154,457	
Unit 1	RFO	-	40,420,094	842,900,431	6,568,266	849,468,697						842,900,431	6,568,266	849,468,697	
Unit 2	RFO	-	58,937,714	1,186,557,634	9,577,379	1,196,135,013						1,186,557,634	9,577,379	1,196,135,013	
Unit 3	RFO	-	(636,038)	(6,641,191)	-	(6,641,191)						(6,641,191)	-	(6,641,191)	
Unit 1	Gas	-	(611,144)	(6,465,354)	-	(6,465,354)						(6,465,354)	-	(6,465,354)	
Unit 2	Gas	-	(94,224)	(963,308)	-	(963,308)						(963,308)	-	(963,308)	
Unit 3	Gas	-	-	-	-	-	-	-	-	-	-	-	-	-	
Unit 1	RLNG	-	-	-	-	-	-	-	-	-	-	-	-	-	
Unit 2	RLNG	-	-	-	-	-	-	-	-	-	-	-	-	-	
Unit 3	RLNG	-	-	-	-	-	-	-	-	-	-	-	-	-	
Unit 3	RLNG	-	-	-	-	-	-	-	-	-	-	-	-	-	
Northern Block 2	RFO	272	-	-	-	-	-	-	-	-	-	-	-	-	
Block-2 Unit 4	RFO	-	-	-	-	-	-	-	-	-	-	-	-	-	
Block-2 Unit 4	Gas	-	(291,456)	(2,975,533)	-	(2,975,533)						(2,975,533)	-	(2,975,533)	
Block-2 Unit 4	RLNG	-	-	-	-	-	-	-	-	-	-	-	-	-	
Northern Block 3	RFO	355	20,921,013	447,816,376	3,399,665	451,216,041						447,816,376	3,399,665	451,216,041	
Block-3 Unit 5	RFO	-	(415,762)	(4,511,184)	-	(4,511,184)						(4,511,184)	-	(4,511,184)	
Block-3 Unit 5	Gas	-	34,985	401,862	5,685	407,547						401,862	5,685	407,547	
Block-3 Unit 5	RLNG	-	2,314,535	50,898,013	376,112	51,274,125						50,898,013	376,112	51,274,125	
Block-3 Unit 6	RFO	-	(377,479)	(4,204,135)	-	(4,204,135)						(4,204,135)	-	(4,204,135)	
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	295,797,000	2,234,175,717	184,163,211	2,418,338,928						2,234,175,717	184,163,211	2,418,338,928	
Northern Total:		1,884	453,476,402	5,508,053,908	210,180,195	5,718,234,103						5,508,053,908	210,180,195	5,718,234,103	
GENCO-IV LAKHRA															
Coal	Coal	31	-	-	-	-	-	-	-	-	-	-	-	-	
Sub-Total:		31	-	-	-	-	-	-	-	-	-	-	-	-	
GENCOs Total:		4,337	1,064,682,572	10,440,430,651	401,866,128	10,842,296,789						10,440,430,651	401,866,128	10,842,296,789	
3	IPPs														
	Sub	1	Kot Addu Block 1	RFO	325	67,464,400	823,394,058	51,141,001	874,535,059				823,394,058	51,141,001	874,535,059
	RLNG	-	141,876,300	1,104,597,013	62,092,335	1,166,689,348						1,104,597,013	62,092,335	1,166,689,348	
	HSD	-	31,143,700	633,832,807	13,706,576	647,539,383						633,832,807	13,706,576	647,539,383	
	Kot Addu Block 2	RFO	762	25,487,200	341,394,853	27,209,393	368,604,246					341,394,853	27,209,393	368,604,246	
	RLNG	-	365,871,600	3,119,601,595	187,220,673	3,306,822,268						3,119,601,595	187,220,673	3,306,822,268	
	HSD	-	219,500	5,501,763	129,854	5,631,617						5,501,763	129,854	5,631,617	
	Kot Addu Block 3	RLNG	249	20,661,600	182,132,855	20,385,766	202,518,621						182,132,855	20,385,766	202,518,621
	HSD	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	KAPCO Total		1,336	652,724,300	6,210,454,944	361,885,598	6,572,340,542						6,210,454,944	361,885,598	6,572,340,542
2	Hub Power	RFO	1,200	-	-	-	-	-	-	-	-	-	-	-	
3	Kohinoor Energy	RFO	124	50,241,000	586,113,350	49,618,413	635,731,763					586,113,350	49,618,413	635,731,763	

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

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	Aj Solar	Solar	18	1,695,890	-	-	-	-	-	-	-	-	-	-	
22	AEP Wind	Wind	50	16,635,604	-	-	-	-	-	-	-	-	-	-	
23	Jhampir Wind	Wind	50	16,741,160	-	-	-	-	-	-	-	-	-	-	
24	HAWA Wind	Wind	50	16,048,450	-	-	-	-	-	-	-	-	-	-	
25	TGT	Wind	50	13,075,385	-	-	-	-	-	-	-	-	-	-	
26	YGS	Wind	50	12,168,556	-	-	-	-	-	-	-	-	-	-	
27	Tricon Boston-A	Wind	50	17,174,425	-	-	-	-	-	-	-	-	-	-	
28	Tricon Boston-B	Wind	50	16,098,515	-	-	-	-	-	-	-	-	-	-	
29	Tricon Boston-C	Wind	50	16,056,218	-	-	-	-	-	-	-	-	-	-	
30	ZEPHYR Wind	Wind	50	19,304,495	-	-	-	-	-	-	-	-	-	-	
31	SPPs	Mixed	257	30,026,440	197,473,632	-	197,473,632	-	-	-	-	197,473,632	-	197,473,632	
Sub-Total			1,897	437,715,156	197,473,632	138,278	197,611,910	-	-	-	-	197,473,632	138,278	197,611,910	
G-Total:			34,157	14,710,755,728	63,149,871,977	4,081,914,107	67,231,786,084	568,437,689	-	568,437,689	370,490,193	64,088,799,858	4,081,914,107	68,170,713,965	
Summary															
1	Hydel			5,406,990,659	-	464,117,730	464,117,730	-	-	-	-	-	464,117,730	464,117,730	
2	Coal			2,581,161,150	16,271,355,169	786,011,263	17,057,366,432	-	-	-	-	16,271,355,169	786,011,263	17,057,366,432	
3	HSD			113,091,804	2,090,337,847	67,527,763	2,157,865,610	-	-	-	-	2,090,337,847	67,527,763	2,157,865,610	
4	F.O.			859,813,926	11,952,559,975	838,877,815	12,791,437,790	-	-	-	-	11,952,559,975	838,877,815	12,791,437,790	
5	Gas			1,478,552,731	10,375,314,608	659,791,546	11,035,106,154	-	-	-	370,490,193	10,745,804,801	659,791,546	11,405,596,344	
6	RLNG			3,032,687,652	20,784,076,989	1,240,125,395	22,024,202,384	568,437,689	-	568,437,689	-	21,352,514,678	1,240,125,395	22,592,640,073	
6	Nuclear			715,527,000	688,134,461	-	688,134,461	-	-	-	-	688,134,461	-	688,134,461	
7	Import from Iran			50,251,800	581,458,553	-	581,458,553	-	-	-	-	581,458,553	-	581,458,553	
8	Wind Power			344,461,906	-	138,278	138,278	-	-	-	-	-	138,278	138,278	
9	Solar			63,226,810	-	-	-	-	-	-	-	-	-	-	
10	Bagasse			34,963,850	209,160,743	25,324,317	234,485,060	-	-	-	-	209,160,743	25,324,317	234,485,060	
11	Mixed			30,026,440	197,473,632	-	197,473,632	-	-	-	-	197,473,632	-	197,473,632	
Totals For The month				14,710,755,728	63,149,871,977	4,081,914,107	67,231,786,084	568,437,689	-	568,437,689	370,490,193	64,088,799,858	4,081,914,107	68,170,713,965	
Prev. Adjustments :				-	938,927,882	-	938,927,882	-	-	-	-	-	-	-	-
GRAND TOTALs :				14,710,755,728	64,088,799,858	4,081,914,107	68,170,713,965	-	-	-	-	-	-	-	-

Energy Cost (Rs.)	64,088,799,858	4,081,914,107	68,170,713,965
Cost not chargeable to DISCOs (Rs.)	528,657,080	-	528,657,080
EPP (Chargeable) (Rs.)	63,560,142,778	4,081,914,107	67,642,056,885
Energy Sold (KWh)	14,418,686,616	14,418,686,616	14,418,686,616
Avg. Rate (Rs./KWh)	4.4082	0.2831	4.6913
Reference Rate (Rs./KWh)	3.5420	-	-
FCA Rate (Rs./KWh)	0.8662	-	-

CENTRAL POWER PURCHASING AGENCY (CPPA)

Detail Breakup of FCC Claimed

For the Month of July 2020

S.N o.	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	Engro Energy	Gas	213	45,607,095	7.9345	361,868,265	-	39,565,492	-	401,433,757
2	Foundation Power	Gas	171	85,163,488	7.1480	608,749,194	27,308,589	41,486,907	-	677,544,690
3	Coal Fire Power Plant	Coal	1,320	774,188,500	6.6508	5,148,972,876	58,330,223	59,082,761	-	5,266,385,860
4	China Hub Power (Pvt.) Ltd	Coal	1,220	490,089,450	6.1258	3,002,189,953	-	45,320,112	-	3,047,510,065
5	Port Qasim	Coal	1,320	879,493,000	4.7818	4,205,559,627	63,708,478	13,544,851	-	4,282,812,956
6	QATPL	RLNG	1,180	591,834,800	5.6743	3,358,248,206	61,166,632	440,921,469	-	3,860,336,307
7	Orient	RLNG	213	38,774,126	6.8177	264,350,362	8,633,567	15,957,648	-	288,941,577
8	Saif Power	RLNG	204	123,928,005	6.8183	844,978,316	26,907,359	28,633,490	-	900,519,165
9	Sapphire Electric Power	RLNG	203	45,372,834	8.0350	364,570,725	11,553,733	19,274,232	-	395,398,690
		HSD	203	37,644,125	17.9899	677,212,465	21,834,463	48,184,972	-	747,231,900
10	Halmore	RLNG	199	73,433,567	6.8181	500,677,400	15,969,344	29,865,588	-	546,512,332
11	Haveli Bahadur Shah	RLNG	1,230	749,110,800	5.6200	4,210,002,696	72,559,876	296,757,487	-	4,579,320,059
12	Baloki	RLNG	1,320	573,838,021	5.6642	3,250,333,313	23,673,178	301,363,608	-	3,575,370,100
		Sub-Total:	8,997	4,508,477,812	-	26,797,713,398	391,645,442	1,379,958,617	-	28,569,317,457
	IPP,s Total:-		8,997	4,508,477,812	-	26,797,713,398	391,645,442	1,379,958,617	-	28,569,317,457

Detail Of Energy Imported From Small Power Producers					
DISCO	SPPs	Contract Capacity (MW)	Description	July, 2020	Rate (Rs./KWh)
MEPCO	Kumhar Wala Power House-I	5.00	Energy	1,026,600	
			Cost (Rs.)	-	
	DISCO's Total:-	34.00	Energy	1,026,600	0.00
			Cost (Rs.)	-	
HESCO	Thatta Power (Pvt.) Ltd.,	18.80	Energy	2,448,000	6.80
			Cost (Rs.)	16,646,400	
	Anoud Textile NCPP	10.00	Energy	4,320	6.80
			Cost (Rs.)	29,376	
	Hi-Tech	8.00	Energy	274,720	7.80
			Cost (Rs.)	2,142,816	
	Lucky Cement Factory Ltd., N-Abad	20.00	Energy	26,272,800	6.80
			Cost (Rs.)	178,655,040	
	DISCO's Total:-	105.00	Energy	28,999,840	0.00
			Cost (Rs.)	197,473,632	
G-Total		198.60	Energy	30,026,440	6.58
			Cost (Rs.)	197,473,632	

Detail Of Energy Supplemental Charges

Power Producer	Supp. Charges							Total Supplemental
	Start-up	PLAC	Open Cycle	Bonus	Fuel Diff.	ED	Others	
2 Hub Power	-	-	-	-	-	-	-	-
3 Kohinoor Energy	-	-	-	-	-	-	-	-
4 AES Lalpir	-	-	-	-	-	-	-	-
5 Pak Gen Power Limited	-	-	-	-	-	-	-	-
6 Habibullah	-	-	-	-	-	-	-	-
7 Fauji Kabirwala	-	-	-	-	-	-	-	-
8 Rousch	-	-	-	-	-	-	-	-
9 Saba Power	-	-	-	-	-	-	-	-
10 Uch	-	-	-	-	-	-	271,004,000	271,004,000
11 AItern	-	-	-	-	-	-	-	-
12 Liberty	-	-	-	-	-	-	99,486,193	99,486,193
13 Davis Energen	-	-	-	-	-	-	-	-
14 Chashma Nuclear	-	-	-	-	-	-	-	-
15 Chashma Nuclear-II	-	-	-	-	-	-	-	-
16 Chashma Nuclear-III	-	-	-	-	-	-	-	-
17 Chashma Nuclear-IV	-	-	-	-	-	-	-	-
18 Tavanir Iran	-	-	-	-	-	-	-	-
Sub-Total:	-	-	-	-	-	-	370,490,193	370,490,193
Sub-Total:	-	-	-	-	-	-	-	-
G-Total:	-	-	-	-	-	-	370,490,193	370,490,193