



CENTRAL POWER PURCHASING AGENCY GUARANTEE LIMITED

(A Company of Government of Pakistan)

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No. CPPA-G/2020/CFO/19160-61

Dated: September 16, 2020

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

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

With reference to FCA mechanism provided in XWDISCO's tariff determination, attached please find the Energy Data for the month of August 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
- ADG (T) /
- Dir (DISCOs)
- MF

Kulqat
17/9
cc: chairman
- VC (MCI)
- M (CA)
- M (KE)
- M (M&E)


Chief Financial Officer

CC:

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

REGISTRAR

Dy. No: 13643
Date: 17/9/20

S.N	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	G=E+F	H	I= B+E+H	J=C+J	K=I+J			
1	Hydel																
	L	WAPDA	Hydel	6,902	3,705,958,710	-	242,914,283	242,914,283	-	-	-	-	-	242,914,283	242,914		
	E	Jagran	Hydel	30	18,187,201	-	47,063,061	47,063,061	-	-	-	-	-	47,063,061	47,063		
	H	Pehura	Hydel	18	-	-	-	-	-	-	-	-	-	-	-		
	Iv	Malakand-II SHYDO	Hydel	81	47,877,000	-	15,182,846	15,182,846	-	-	-	-	-	15,182,846	15,182		
	V	Larab	Hydel	84	18,228,988	-	9,768,318	9,768,318	-	-	-	-	-	9,768,318	9,768		
	Vt	Star Hydro	Hydel	147	81,450,108	-	14,263,788	14,263,788	-	-	-	-	-	14,263,788	14,263		
	Vii	Head Maralla	Hydel	8	3,956,590	-	-	-	-	-	-	-	-	-	-		
	Viii	Maslam Jhelum	Hydel	969	658,862,200	-	-	-	-	-	-	-	-	-	-		
	Vix	Tarbela Ext. 4	Hydel	1,478	900,649,000	-	138,883,448	138,883,448	-	-	-	-	-	138,883,448	138,883		
	Vx	Mira Power Limited	Hydel	101	33,618,110	-	8,606,477	8,606,477	-	-	-	-	-	8,606,477	8,606		
		Hydel Total:		9,818	5,469,564,891		471,638,988	471,638,988						471,638,988	471,638		
	2	EX-WAPDA GENCOs															
I		GENCO-I ***															
			Jamshoro Block 1	RFO	205	12,683,600	176,114,898	1,174,149	177,288,845	-	-	-	-	178,114,898	1,174,148	177,288	
			Unit 1	Gas	-	-	-	-	-	-	-	-	-	-	-	-	
			Jamshoro Block 2	RFO	470	-	-	-	-	-	-	-	-	-	-	-	
			Unit-2	RFO	-	(591,600)	(9,080,843)	(83,788)	(9,114,432)	-	-	-	-	(9,080,843)	(83,789)	(9,114)	
			Unit-3	RFO	-	(249,000)	(3,775,283)	(23,033)	(3,798,296)	-	-	-	-	(3,775,283)	(23,033)	(3,798)	
			Unit-4	RFO	-	-	-	-	-	-	-	-	-	-	-	-	
			Kotri 3-7	RFO	107	5,734,000	86,106,321	638,395	86,638,716	-	-	-	-	86,106,321	638,396	86,838	
			Jamshoro Block 4	RFO	-	-	-	-	-	-	-	-	-	-	-	-	
			Jamshoro Total		782	17,597,000	248,385,111	1,827,722	250,012,833					248,385,111	1,827,722	250,012	
			GENCO-II ***														
			Guddu CC Block 1 (OC)	Gas	390	163,061,100	1,685,668,884	12,812,221	1,878,171,905	-	-	-	-	1,685,668,884	12,812,221	1,878,171	
		Central Block 2 (CC)	Gas	-	43,394,110	342,136,621	2,989,864	345,128,375	-	-	-	-	342,136,621	2,989,864	348,128		
	Guddu (OC) Block-2	Gas	530	130,321,868	1,141,843,858	8,979,183	1,150,823,021	-	-	-	-	1,141,843,858	8,979,183	1,160,823			
	Block 3 (unit 3&4)	Gas	-	9,336,324	81,779,385	843,204	84,222,509	-	-	-	-	81,779,385	843,204	82,422			
	Guddu 747 (CC)	Gas	721	330,663,000	2,116,811,875	182,088,582	2,300,880,287	-	-	-	-	2,116,811,875	182,088,582	2,300,880			
	Central Total		1,641	613,604,100	3,884,371,359	194,680,813	3,879,052,172					3,884,371,359	194,680,813	3,879,052			
	GENCO-III ***																
	Northern Block 1	RFO	558	6,390,838	131,486,099	1,038,479	132,624,678	-	-	-	-	131,486,099	1,038,479	132,624			
	Unit 1	RFO	-	-	-	-	-	-	-	-	-	-	-	-			
	Unit 2	RFO	-	-	-	-	-	-	-	-	-	-	-	-			
	Unit 3	RFO	-	36,916,168	723,068,327	6,836,213	726,894,640	-	-	-	-	723,068,327	6,836,213	728,894			
	Unit 1	Gas	-	(482,165)	(5,138,637)	-	(5,138,637)	-	-	-	-	(5,138,637)	-	(5,138)			
	Unit 2	Gas	-	(787,612)	(8,331,168)	-	(8,331,168)	-	-	-	-	(8,331,168)	-	(8,331)			
	Unit 3	Gas	-	(173,740)	(1,778,248)	-	(1,778,248)	-	-	-	-	(1,778,248)	-	(1,778)			
	Unit 1	RLNG	-	-	-	-	-	-	-	-	-	-	-	-			
	Unit 2	RLNG	-	-	-	-	-	-	-	-	-	-	-	-			
	Unit 3	RLNG	-	-	-	-	-	-	-	-	-	-	-	-			
	Northern Block 2	RFO	272	-	-	-	-	-	-	-	-	-	-	-			
	Block-2 Unit 4	RFO	-	-	-	-	-	-	-	-	-	-	-	-			
	Block-2 Unit 4	GAS	-	(212,662)	(2,171,006)	-	(2,171,006)	-	-	-	-	(2,171,006)	-	(2,171)			
	Block-2 Unit 4	RLNG	-	-	-	-	-	-	-	-	-	-	-	-			
	Northern Block 3	RFO	355	-	-	-	-	-	-	-	-	-	-	-			
	Block-3 Unit 5	RFO	-	(183,278)	(1,771,810)	-	(1,771,810)	-	-	-	-	(1,771,810)	-	(1,771)			
	Block-3 Unit 5	Gas	-	-	-	-	-	-	-	-	-	-	-	-			
	Block-3 Unit 5	RLNG	-	-	-	-	-	-	-	-	-	-	-	-			
	Block-3 Unit 6	RFO	-	-	-	-	-	-	-	-	-	-	-	-			
	Block-3 Unit 6	Gas	-	(183,278)	(1,818,470)	-	(1,818,470)	-	-	-	-	(1,818,470)	-	(1,818)			
	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	216,172,000	1,662,980,793	135,833,688	1,788,814,681	88,613,463	-	88,613,463	-	1,739,484,266	136,833,688	1,875,322			
	Northern Total:		1,884	258,485,186	2,486,617,880	142,708,580	2,829,226,460	88,613,463		88,613,463		2,673,031,343	142,708,580	2,715,731			
	GENCO-IV																
	LAVORA	Coal	31	-	-	-	-	-	-	-	-	-	-	-			
	Sub-Total:		31														
	GENCOs Total:-		4,337	789,688,286	6,418,274,350	339,017,116	6,768,281,466	88,613,463		88,613,463		6,605,787,813	339,017,116	6,844,801			
3	IPP																
	Sub	1															
			Kot Addu Block 1	RFO	325	29,141,300	342,168,668	22,124,389	384,283,057	-	-	-	-	342,168,668	22,124,389	384,283	
			RLNG	-	182,778,000	1,426,207,103	79,998,800	1,606,286,403	-	-	-	-	-	1,426,207,103	79,998,800	1,606,286	
			HSD	-	27,297,800	474,418,790	12,013,851	486,438,741	-	-	-	-	-	474,418,790	12,013,851	488,438	
			Kot Addu Block 2	RFO	762	7,380,100	84,338,022	7,897,863	84,338,022	-	-	-	-	84,338,022	7,897,863	102,231	
			RLNG	-	387,190,800	3,146,629,857	187,988,643	3,333,618,400	-	-	-	-	-	3,146,629,857	187,988,643	3,333,618	
			HSD	-	-	-	-	-	-	-	-	-	-	-	-	-	
			Kot Addu Block 3	RLNG	249	34,227,600	303,873,848	33,778,353	337,460,199	-	-	-	-	303,873,848	33,778,353	337,460	
			HSD	-	-	-	-	-	-	-	-	-	-	-	-	-	
			KAPCO Total		1,336	648,025,500	5,785,402,288	343,797,397	6,129,199,682					5,785,402,288	343,797,397	6,129,199	
			Hub Power		1,200	768,800	13,130,114	178,922	13,309,038					13,130,114	178,922	13,301	
			Sub-Total:		1,200	768,800	13,130,114	178,922	13,309,038					13,130,114	178,922	13,301	
		Total:		1,200	768,800	13,130,114	178,922	13,309,038					13,130,114	178,922	13,301		

S.N o.	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	19	1,611,868	-	-	-	-	-	-	-	-	-	-
22	AEP Wind	Wind	50	16,588,817	-	-	-	-	-	-	-	-	-	-
23	Jhampir Wind	Wind	50	14,606,850	-	-	-	-	-	-	-	-	-	-
24	HAWA Wind	Wind	50	13,687,300	-	-	-	-	-	-	-	-	-	-
25	TGT	Wind	50	11,866,114	-	-	-	-	-	-	-	-	-	-
26	TGS	Wind	50	10,662,217	-	-	-	-	-	-	-	-	-	-
27	Tricon Boston-A	Wind	50	16,449,341	-	-	-	-	-	-	-	-	-	-
28	Tricon Boston-B	Wind	50	16,732,014	-	-	-	-	-	-	-	-	-	-
29	Tricon Boston-C	Wind	50	16,446,313	-	-	-	-	-	-	-	-	-	-
30	ZEPHVR Wind	Wind	50	16,628,644	-	-	-	-	-	-	-	-	-	-
31	SPPs	Mixed	267	20,268,760	134,737,008	-	134,737,008	-	-	-	-	134,737,008	-	134,737
Sub-Total			1,997	390,436,237	134,737,008	-	134,737,008	-	-	-	-	134,737,008	-	134,737
G-Total:			34,167	14,630,062,610	69,809,324,816	4,399,730,332	64,209,056,149	229,809,418	3,360,273	233,169,892	-	60,039,134,235	4,403,090,606	64,442,224

Primary															
1	Hydel			5,468,664,891	-	471,638,888	471,638,888	-	-	-	-	-	471,638,888	471,638	
2	Coal			2,630,303,260	16,262,099,775	1,021,167,041	16,263,266,816	212,182,293	1,131,373	213,323,666	-	16,474,282,066	1,022,288,414	16,496,680	
3	HSD			97,756,386	1,899,663,606	86,181,861	1,979,736,166	-	-	-	-	1,899,663,606	86,181,861	1,979,736	
4	F.O.			792,384,310	9,894,303,910	872,649,639	18,866,963,649	(22,047,017)	(2,819)	(22,848,838)	-	9,872,256,892	872,648,821	10,644,903	
5	Gas			1,462,448,328	9,867,283,830	862,819,362	10,619,813,212	(46,849,321)	(26,966)	(46,877,960)	-	9,820,444,609	862,680,723	10,473,036	
6	RLMG			3,868,020,769	21,481,260,166	1,286,627,436	22,767,787,602	86,613,463	(4,666)	86,608,967	-	21,967,773,648	1,286,622,969	22,354,298	
7	Nuclear			817,031,000	817,987,708	-	817,987,708	-	-	-	-	817,987,708	-	817,987	
8	Import from Iran			62,008,000	632,209,148	-	632,209,148	-	-	-	-	632,209,148	-	632,209	
9	Wind Power			310,134,077	-	-	-	-	-	-	-	-	-	-	
10	Solar			60,942,400	-	-	-	-	-	-	-	-	-	-	
11	Bagasse			20,039,410	119,879,769	16,066,187	134,836,866	-	2,266,244	2,266,244	-	119,879,769	17,321,441	137,201	
	Mixed			20,268,760	134,737,008	-	134,737,008	-	-	-	-	134,737,008	-	134,737	
Totals For The month				14,630,062,610	69,809,324,816	4,399,730,332	64,209,056,149	229,809,418	3,360,273	233,169,892	-	60,039,134,235	4,403,090,606	64,442,224	
Prev. Adjustments :								229,809,419	3,360,273	233,169,892					
GRAND TOTALS :				14,630,062,610	69,809,324,816	4,403,090,606	64,442,224,840								

Energy Cost (Rs.)	60,039,134,235	4,403,090,606	64,442,224,840
Cost not chargeable to DISCOs (Rs.)	557,474,708	-	557,474,708
EPP (Chargeable) (Rs.)	59,481,659,527	4,403,090,606	63,884,750,132
Energy Sold (KWh)	14,199,194,329	14,199,194,329	14,199,194,329
Avg. Rate (Rs./KWh)	4.1891	0.3101	4.4992

Reference Rate (Rs./KWh)	3.2045
FCA Rate (Rs./KWh)	0.9846

CERTIFICATE

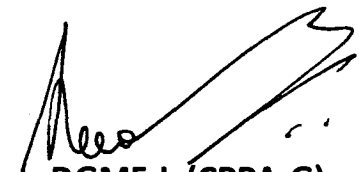
FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

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

Detail Of Energy Imported From Small Power Producers					
DISCO	SPPs	Contract Capacity (MW)	Description	Aug, 2020	Rate (Rs./KWh)
MEPCO	Kumhar Wala Power House-I	5.00	Energy	627,800	
			Cost (Rs.)	-	
	DISCO's Total:-	5.00	Energy	627,800	0.00
			Cost (Rs.)	-	
HESCO	Thatta Power (Pvt.) Ltd.,	18.80	Energy	3,499,000	6.80
			Cost (Rs.)	23,793,200	
	Anoud Textile NCPP	10.00	Energy	46,880	6.80
			Cost (Rs.)	318,784	
	Hi-Tech	8.00	Energy	1,239,680	7.80
			Cost (Rs.)	9,869,504	
	Lucky Cement Factory Ltd., N-Abad	20.00	Energy	14,848,400	6.80
			Cost (Rs.)	100,955,520	
	DISCO's Total:-	56.80	Energy	19,631,960	6.86
			Cost (Rs.)	134,737,008	
G-Total		61.80	Energy	20,259,760	6.65
			Cost (Rs.)	134,737,008	

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	59,358,136	9.9344	589,685,063	-	5,119,535	-	594,804
2	Foundation Power Company Daharki Ltd.	Gas	171	69,003,611	7.1480	493,238,277	22,272,631	37,062,455	-	552,573
3	Haimore Power Generation Company Limited	RLNG	199	53,681,533	7.2614	389,803,083	11,733,073	32,101,330	-	433,637
		HSD		16,383,369	18.2049	298,257,780	8,977,559	8,663,127	-	315,898
4	Huaneng Shandong Ruyi Energy (Pvt) Ltd	Coal	1,320	696,187,700	6.3129	4,394,963,331	49,223,589	64,108,028	-	4,508,294
5	Quaid-e-Azam Thermal Power (Pvt) Limited	RLNG	1,180	663,053,000	5.8503	3,879,041,441	62,452,567	398,468,512	-	4,339,962
6	Saif Power Limited	RLNG	204	111,454,538	7.2617	809,349,419	24,927,962	25,237,096	-	859,514
7	Sapphire Electric Company Limited	RLNG	203	18,139,074	6.8177	123,666,768	3,722,370	14,311,520	-	141,700
		HSD		54,075,226	18.7863	1,015,871,030	30,577,718	62,789,502	-	1,109,238
8	Uch-II Power (Pvt.) Limited	Gas	381	208,023,959	7.8425	1,631,430,514	25,124,030	22,631,034	-	1,679,188
9	Port Qasim Electric Power Company (Pvt.) Limited	Coal	1,320	771,842,700	4.3357	3,346,478,394	51,186,874	43,380,799	-	3,441,046
10	Orient Power Company (Private) Limited	RLNG	213	53,854,344	6.8177	367,162,761	11,308,613	30,211,465	-	408,682
11	Haveli Bahadur Shah	RLNG	1,230	661,439,900	5.7857	3,826,893,770	67,855,233	388,295,868	-	4,283,044
12	China Power Hub Generation company (Pvt.) Ltd	Coal	1,220	713,625,650	5.7262	4,086,363,197	-	109,907,971	-	4,196,271
13	Baloki	RLNG	1,320	694,030,100	5.8394	4,052,732,429	71,103,476	363,409,655	-	4,487,248
14	Engro Powergen Qadripur Limited	Gas	213	61,806,400	7.6810	474,734,959	17,369,224	51,605,104	-	543,708
					-				-	
		Sub-Total:	9,330	4,905,959,240		29,779,672,216	457,834,918	1,657,303,000	-	31,894,810
	IPP,s Total:-		9,330	4,905,959,240	-	29,779,672,216	457,834,918	1,657,303,000	-	31,894,810