

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/2019/CFO/ 22376-77

Dated: September 17th, 2019

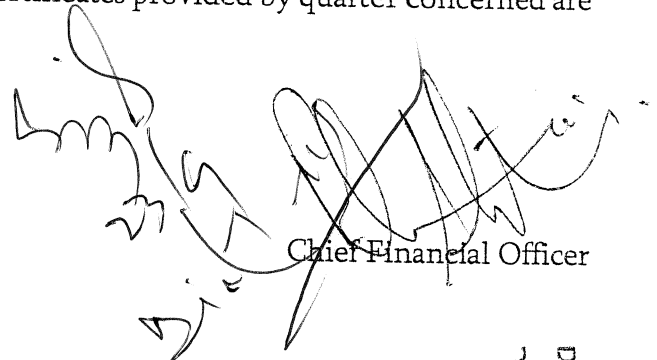
The Registrar NEPRA
NEPRA Tower Attaturk Avenue (East),
Sector G-5/1, Islamabad.

For information & m/a M.
— SAT-II — ADG-TI —
Cable: 18-09-19
— SAC (R.H.) — DG (MSE) —
— ADG (C.H.) — KA (MSE) — VC
— MF — m (T)
m (CA)
m (C.H.)

SUBJECT: ENERGY PURCHASE DATA FOR THE MONTH OF AUGUST, 2019.

Please find annexed monthly purchase data for August, 2019 along-with complete detail of all charges incurred and taken into account. It is mentioned that soft copy of the same is being sent to NEPRA.

It is certified that energy during billing month, was procured from all power producers having valid generation license. Certificates provided by quarter concerned are enclosed.


Chief Financial Officer

CC:

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

REGISTRAR
Dy. No. 8553
Date: 18-09-19

Senior Advisor Tariff-I
Dy. No. 7808
Date: 18-09-19

ADG (Tariff)
Dy. No. 134
Date: 20-09-19

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

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

S. No.	Power Producer	Fuel	Dep. Capacity (MW)	Energy KWh	FCC Rate (Rs./KWh)	Fuel Cost (Rs.)	Heat Degradation Factor (DH) Rs.	Load Correction Factor (KL) Rs.	Any other Cost as per PPA (Rs.)	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.)		
1	Attock-Gas	RFO	155	15,592,441	13.2497	205,595,166	-	-	-	205,595,166	19,616,890	226,212,016	-	-	-	-	205,595,166	19,616,890	226,212,016		
2	Atisa Power	RFO	214	26,345,677	13.9166	366,694,940	-	-	-	366,694,940	32,671,274	399,366,214	-	-	-	-	366,694,940	32,671,274	399,366,214		
3	Nishat Power	RFO	195	15,467,721	-	-	-	-	-	-	-	-	31,711,425	13,271,382	44,982,807	-	31,711,425	13,271,382	44,982,807		
4	Foundation Power	Gas	171	6,180	535,242,636	6,180	20,339,125	40,434,319	-	596,016,080	56,091,568	652,107,648	39,340,138	(369,066)	38,971,072	-	635,356,218	55,722,552	691,078,720		
5	Orient	RLNG	213	80,795,408	13.6472	975,378,328	29,358,888	97,892,853	-	1,102,630,069	29,005,558	1,131,635,627	110,644,531	-	-	-	1,213,274,600	29,005,558	1,242,280,158		
6	Nishat Churiani	RFO	196	94,271,918	12.0962	1,140,331,975	-	-	-	1,140,331,975	116,623,790	1,256,955,764	-	(1,025)	237,697,428	-	1,378,030,427	116,622,765	1,494,653,192		
7	Saif Power	RLNG	204	96,596,123	13.1673	1,166,267,778	35,104,660	70,560,854	-	1,271,933,292	58,992,474	1,330,925,766	79,617,021	10,290,454	89,907,475	-	1,351,550,313	69,282,928	1,420,833,241		
8	Engro Energy	Gas	213	98,154,277	8.1995	778,802,459	-	26,017,560	-	804,820,019	51,246,348	856,066,367	-	-	-	-	804,820,019	51,246,348	856,066,367		
9	Sagshin Power	RLNG	203	90,140,000	13.4496	1,088,188,108	30,469,267	93,685,892	-	1,212,343,267	54,435,546	1,266,778,813	76,370,011	8,403,318	84,773,329	-	1,288,713,278	62,838,864	1,351,552,142		
10	Hukio Narawal	RFO	214	63,969,079	13.4099	857,818,952	-	-	-	857,818,952	72,361,822	930,180,775	186,753,072	(379)	186,752,693	-	1,044,572,004	72,361,444	1,116,933,468		
11	Liberty Power	RFO	196	95,916,758	13.8365	1,327,344,056	-	-	-	1,327,344,056	131,175,758	1,458,519,814	-	-	-	-	1,327,344,056	131,175,758	1,458,519,814		
12	Hatmore	RFO	196	95,916,758	13.8365	1,327,344,056	-	-	-	1,327,344,056	131,175,758	1,458,519,814	-	-	-	-	1,327,344,056	131,175,758	1,458,519,814		
13	Juchil	Gas	361	231,599,436	6.7059	1,463,886,529	49,561,810	19,637,992	-	1,553,086,330	79,308,746	1,632,395,076	(13,888)	-	(13,888)	-	1,553,072,442	79,308,746	1,632,381,158		
14	JDW-II	Bagasse	26	17,984,400	6.2089	111,663,341	-	-	-	111,663,341	11,626,915	123,290,256	-	-	-	-	111,663,341	11,626,915	123,290,256		
22	China Hub Power (Pvt.) Ltd	Coal	-	456,191,300	5.0830	2,316,823,428	-	-	-	2,316,823,428	214,729,527	2,531,552,955	-	-	-	-	2,316,823,428	214,729,527	2,531,552,955		
23	Engro PowerGen Thar TPS	Coal	-	259,237,000	5.0830	1,515,938,671	-	-	-	1,515,938,671	140,380,156	1,656,318,827	-	-	-	-	1,515,938,671	140,380,156	1,656,318,827		
24	Layyah Sugar Mills	Bagasse	41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
25	DATPL	RLNG	1180	598,160,300	10.7280	5,708,124,110	68,497,489	640,461,021	-	6,417,082,620	189,556,999	6,606,639,619	326,138,827	-	326,138,827	-	6,743,221,447	189,556,999	6,932,778,446		
26	Hawaii Bahadur Shah	RLNG	1230	673,923,300	10.2778	6,924,599,583	75,534,995	556,201,103	-	6,926,335,681	212,016,270	7,138,351,951	312,805,635	-	312,805,635	-	7,239,141,316	212,016,270	7,451,157,586		
27	Coal Fire Power Plant	Coal	1320	508,254,269	6.9447	3,421,974,341	21,558,438	86,146,782	-	3,529,679,561	92,502,277	3,622,181,838	35,081,694	(1,294,527)	33,787,167	-	3,564,761,255	91,207,750	3,655,969,005		
28	Gulf Power Gen	RFO	67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
29	Restman	RFO	97	981,890	14.2604	14,002,144	-	-	-	14,002,144	1,021,853	15,023,997	44,926,388	-	-	-	58,928,532	1,021,853	59,950,385		
30	Baloki	RLNG	1320	538,836,700	10.4167	5,013,696,497	60,164,357	539,062,872	-	5,612,923,726	169,356,375	5,782,280,101	275,818,281	-	275,818,281	-	5,888,742,007	169,356,375	6,058,098,382		
31	Port Qasim	Coal	1320	611,228,556	5.0417	2,990,313,463	27,809,915	63,520,624	-	3,081,644,002	302,619,258	3,384,263,260	(126,293,013)	16,876,304	(109,416,709)	-	2,955,358,989	319,495,562	3,274,846,551		
32	Sub-Total:	-	-	4,830,690,804	-	36,055,200,838	439,105,345	2,296,628,723	-	40,792,934,906	2,072,918,739	42,865,853,645	1,709,036,950	47,176,461	1,756,213,412	-	42,501,971,856	2,120,095,201	44,622,067,057		
33	IPP's Total:	-	-	16,166	-	7,038,346,896	-	-	-	58,454,923,396	2,785,153,016	61,240,076,412	1,710,901,449	47,176,461	1,758,077,911	-	384,579,975	60,550,404,820	2,832,379,478	63,382,374,298	
4	Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1	TPS-Quetta	Gas	25	(24,000)	-	-	-	-	-	-	(206,400)	(206,400)	-	-	-	-	-	(206,400)	(206,400)	(206,400)	
2	Dorla	Wind	56	14,243,790	-	-	-	-	-	-	94,009	94,009	-	-	-	-	-	94,009	94,009	94,009	
3	PFCEL	Wind	50	10,503,450	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4	TGF	Wind	50	12,325,900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5	Foundation	Wind	99	20,921,750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6	Sagshin Wind Power	Wind	50	11,914,847	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7	Yousaf Energy Ltd.	Wind	50	11,446,050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8	Mato Wind Power	Wind	50	13,110,110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9	Gul Ahmad Wind Power	Wind	50	11,812,760	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10	Master Wind Power	Wind	50	12,926,681	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11	Tanaga General	Wind	50	10,412,370	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
12	Tapal Wind	Wind	31	8,673,160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13	HDPL Wind	Wind	50	10,873,600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14	SEDL Wind	Wind	50	11,956,871	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
15	UEPL Wind	Wind	99	23,190,525	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
16	Quila-e-Kaum Solar Park	Solar	52	14,204,670	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
17	Appollo Solar Park	Solar	100	14,204,670	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
18	Best Green Energy	Solar	100	14,360,780	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
19	Crest Energy	Solar	100	14,529,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
20	Harappa	Solar	16	2,922,280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
21	A Solar	Solar	16	1,588,320	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
22	AEP Wind	Wind	50	18,068,608	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
23	Jhampir Wind	Wind	50	16,970,370	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
24	HAWA Wind	Wind	50	16,217,960	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25	TOT	Wind	50	11,094,949	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
26	TGS	Wind	50	11,210,474	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
27	Tricon Boston-A	Wind	50	16,481,989	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
28	Tricon Boston-B	Wind	50	15,511,078	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
29	Tricon Boston-C	Wind	50	15,197,466	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
30	EDPWR Wind	Wind	50	17,265,929	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
31	SPH	Mixed	257	10,018,320	-	69,681,424	-	-	-	69,681,424	-	69,681,424	-	-	-	-	69,681,424	-	69,681,424	69,681,424	
32	Sub-Total	-	-	394,235,527	-	69,681,424	-	-	-	69,681,424	-	69,681,424	-	-	-	-	-	69,681,424	-	69,681,424	
33	G-Total:	-	-	30,599	-	14,051,560,410	-	65,163,277,935	-	439,105,345	2,296,628,723	67,901,012,037	3,651,259,751	71,552,271,788	1,741,341,576	47,176,461	1,788,518,037	384,579,975	70,026,933,588	3,698,436,213	73,725,369,800
Summary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1	Hydel	-	-	5,867,513,533	-	-	-	-	-	-	441,817,627	441,817,627	-	-	-	-	-	441,817,627	-	441,817,627	
2	Coal	-	-	1,873,911,725	-	10,247,049,903	49,368,354	149,667,405	-	10,446,085,662	790,231,218	11,196,316,880	(91,211,318)	15,581,777	(75,629,542)	-	10,354,874,343	765,812,995	11,120,687,338		
3	HSO	-	-	-	-	6,329,667,859	-	-	-	6,329,667,859	427,739,723	6,757,407,582	531,529,464	13,269,978	544,799,447	-	6,861,197,323	441,009,701	7,302,207,024		
4	F.O.	-	-	505,921,170	-	12,617,528,462	69,900,935	86,089,871	-	12,773,519,301	734,901,995	13,508,421,296	39,326,250	(369,066)	38,957,184	-	13,197,425,526	734,532,929	13,931,958,455		
5	Gas	-	-	3,216,039,653	-	34,599,942,250	319,836,057	2,062,871,447	-	36,982,649,753	1,284,848,265	38,267,498,018	1,261,697,180	18,693,712	1,280,390,953	-	38,244,346,933	1,303,542,037	39,547,888,971		
6	RLNG	-	-	-	-	580,871,078	-	-	-	580,871,078	-	580,871,078	-	-	-	-	580,871,078	-			

Detail Of Energy Imported From Small Power Producers								
DISCO	SPPs	Contract Capacity	Description	Aug, 19	Rate (Rs./KWh)			
MEPCO	Kumhar Wala Power House-I	5.00	Energy	844,440				
			Cost (Rs.)	-				
	DISCO's Total:-	34.00	Energy	844,440	0.00			
			Cost (Rs.)	-				
HESCO	Thatta Power (Pvt.) Ltd.,	18.80	Energy	1,867,000	6.80			
			Cost (Rs.)	12,695,600				
	Anoud Textile NCPP	10.00	Energy	26,560	6.80			
			Cost (Rs.)	180,608				
	Agar Textile Mills	2.00	Energy	6,928,000	7.80			
			Cost (Rs.)	54,038,400				
	Hi-Tech	8.00	Energy	354,720	7.80			
			Cost (Rs.)	2,766,816				
DISCO's Total:-	105.00	Energy	9,176,280	7.59				
		Cost (Rs.)	69,681,424					
		SEPCO	Lodra Power (Shikarpur)		16.00	Energy	(2,400)	
						Cost (Rs.)	-	
DISCO's Total:-	35.20		Energy	(2,400)	0.00			
			Cost (Rs.)	-				
G-Total		217.80	Energy	10,018,320	6.96			
			Cost (Rs.)	69,681,424				

Detail Of Energy Supplemental Charges

Power Producer		Supp. Charges							Total Supplemental
		Start-up	PLAC	Open Cycle	Bonus	Fuel Diff.	ED	Others	
IPPs 1994									
1	Kot Addu Block 1	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Kot Addu Block 2	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
	Kot Addu Block 3	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
KAPCO Total		-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	293,229,400	293,229,400
11	Altern	-	-	-	-	-	-	-	-
12	Liberty	-	-	-	-	-	-	91,350,575	91,350,575
13	Davis Energen	-	-	-	-	-	-	-	-
14	Chashma Nuclear	-	-	-	-	-	-	-	-
15	Chashma Nuclear-II	-	-	-	-	-	-	-	-
16	Chashma Nuclear-III	-	-	-	-	-	-	-	-
17	Chashma Nuclear-IV	-	-	-	-	-	-	-	-
18	Tavanir Iran	-	-	-	-	-	-	-	-
Sub-Total:		-	-	-	-	-	-	384,579,975	384,579,975
1	Attock-Gen	-	-	-	-	-	-	-	-
2	Atlas Power	-	-	-	-	-	-	-	-
3	Nishat Power	-	-	-	-	-	-	-	-
4	Foundation Power	-	-	-	-	-	-	-	-
5	Orient	-	-	-	-	-	-	-	-
6	Nishat Chunian	-	-	-	-	-	-	-	-
7	Saif Power	-	-	-	-	-	-	-	-
8	Engro Energy	-	-	-	-	-	-	-	-
9	Sapphire Power	-	-	-	-	-	-	-	-
10	Hubco Narowal	-	-	-	-	-	-	-	-
11	Liberty Power	-	-	-	-	-	-	-	-
12	Halmore	-	-	-	-	-	-	-	-
13	Uch-II	-	-	-	-	-	-	-	-
14	JDW-II	-	-	-	-	-	-	-	-
15	JDW-III	-	-	-	-	-	-	-	-
16	RYK	-	-	-	-	-	-	-	-
17	Chiniot Power	-	-	-	-	-	-	-	-
18	Fatima Energy	-	-	-	-	-	-	-	-
19	Hamza Sugar Mills	-	-	-	-	-	-	-	-
20	Layyah Sugar Mills	-	-	-	-	-	-	-	-
21	QATPL	-	-	-	-	-	-	-	-
22	Haveli Bahadur Shah	-	-	-	-	-	-	-	-
23	Coal Fire Power Plant	-	-	-	-	-	-	-	-
24	Gulf Power Gen	-	-	-	-	-	-	-	-
25	Reshman	-	-	-	-	-	-	-	-
26	Baloki	-	-	-	-	-	-	-	-
27	Port Qasim	-	-	-	-	-	-	-	-
Sub-Total		-	-	-	-	-	-	-	-
G-Total:		-	-	-	-	-	-	384,579,975	384,579,975