



Central Power Purchasing Agency Guarantee Limited
A Company of Government of Pakistan



No. CEO/CPPA-GIDG(1T)/5399

23rd September, 2016

Registrar	By No. 9308
Dated	26-09-16

The Registrar NEPRA,
NEPRA Tower, Attaturk Avenue,
G-5/1, Islamabad.

Subject: - ENERGY PURCHASE DATA FOR THE MONTH OF AUGUST-2016

Monthly Energy Purchase Data for August-2016 along with complete detail of all charges taken into account is enclosed herewith. It is mentioned that Soft copy of the same is being sent to AD (Tariff), NEPRA.

It is certified that Energy during Billing Month was procured from all Power Producers having valid Generation License except TPS-Quetta of GENCO-II. Company has been asked for to provide Generation License in respect of its Thermal Power Station at Quetta. Certificate(s) provided by quarters concerned are enclosed herewith.

It is mentioned that FPA data could not be timely submitted due to late receipt of requisite information due to Eid holidays and shifting of CPPA staff/office record from Lahore to Islamabad which is regretted please.

D.A. (As Above)

For information & mfr pl.
— SATI-I
Gph:
— SAC(Pch)
— DG(MRE)
— Dir (LC)
— M/F
26.09.16
cc: chairman
vc(MGT)
M(LC)
M(CA)

Submitted
Chief Financial Officer - 24/9/16

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
Aug-2016

S.No.	Power Producer	Fuel	Dep. Capacity (MW)	Energy KWh	FCI Rs.	VO&M Rs.	Total Energy Cost (Rs.)
1	Hydel						
i.	WAPDA	Hydel	6,902.00	4,147,708,694	-	451,187,752	451,187,752
ii.	Jagran	Hydel	30.00	15,089,360	-	30,148,541	30,148,541
iii.	Pehure	Hydel	17.90	6,104,160	-	1,739,686	1,739,686
iv.	Malakand-III SHYDO	Hydel	81.46	50,018,000	-	12,504,500	12,504,500
v.	Laraib	Hydel	84.00	30,665,000	-	9,506,150	9,506,150
	Hydel Total:		7,115.36	4,249,585,214	-	505,088,629	505,088,629
	Ex-WAPDA GENCOs						
	GENCO-I						
	Jamshoro Block 1	RFO	205.00	67,338,000	571,247,891	6,228,765	577,476,656
	Jamshoro Block 2	RFO	470.00	93,961,079	876,566,999	8,691,400	885,258,399
	Unit 2-4	Gas		158,313,921	1,335,523,664	14,644,038	1,350,167,702
	Kotri 1-2	Gas	17.00	(413,050)	-	-	0
	Jamshoro Total		798.50	319,199,950	2,783,338,554	29,564,203	2,812,902,757
	GENCO-II						
	Guddu CC 11-13	Gas	390	79,576,663	726,216,627	5,482,832	731,699,459
	Central Block 2	Gas		132,305,778	894,347,368	9,115,868	903,463,236
	Guddu CC 5-10	Gas	530	18,395,403	186,521,108	1,267,443	187,788,551
	Guddu Steam 3-4	Gas	340	22,698,356	184,119,985	1,563,917	185,683,902
	Guddu 747	Gas	747	416,772,400	1,751,947,962	124,948,366	1,876,896,328
	Central Total		2,147.00	669,748,600	3,743,153,050	142,378,426	3,885,531,476
	GENCO-III						
	Northern Block 1	RFO	558.00	252,459,622	2,430,918,311	32,819,751	2,463,738,062
	MG Unit 1-3	Gas					0
	Northern Block 2	RFO	270.00	121,497,015	1,132,335,580	15,794,612	1,148,130,192
	Northern Block 3	RFO	360.00	140,337,478	1,499,814,100	18,243,872	1,518,057,972
	Nandipur	RFO	411.35	157,533,000	1,332,114,165	111,438,844	1,443,553,009
	HSD						
	Northern Total:		1,979.35	671,827,115	6,395,182,156	178,297,079	6,573,479,235
	GENCO-IV						
		Coal	31.20	10,438,000	46,968,912	2,163,797	49,132,709
	Total:		31.20	10,438,000	46,968,912	2,163,797	49,132,709
	GENCO-V						
		RFO	425.00	-	-	-	-
	Total:		425.00	-	-	-	-
	GENCOs Total:-		5,381.05	1,671,213,665	12,968,642,672	352,403,505	13,321,046,177
3	IPPs						
1	Kot Addu Block 1	RFO		216,848,800	1,444,600,330	99,120,000	1,543,720,330
		RLNG	325				0
		HSD		1,222,400	14,534,997	323,914	14,858,911
	Kot Addu Block 2	RFO		337,366,200	2,464,853,328	217,067,235	2,681,920,563
		RLNG	762	1,923,700	13,277,140	592,958	13,870,098
		HSD					0
	Kot Addu Block 3	RLNG	249	4,536,700	32,383,764	2,695,400	35,079,164
		HSD		26,791,200	361,574,548	24,102,078	385,676,626
	KAPCO Total		1,336.00	588,689,000	4,331,224,107	343,901,585	4,675,125,692
2	Hub Power	RFO	1,200.00	674,048,700	5,024,099,667	118,025,745	5,142,125,412
3	Kohinoor Energy	RFO	124.00	72,673,000	516,325,081	43,185,060	559,510,141
4	AES Lalpir	RFO	350.00	135,072,900	1,040,206,128	22,876,892	1,063,083,020
5	Pak Gen Power Limited	RFO	348.60	128,531,600	986,373,092	21,769,011	1,008,142,103
6	Southern Power	RFO	110.47	-	-	-	-
7	Habibullah	Gas	129.15	76,397,126	443,806,182	34,157,157	477,963,339
8	Fauji Kabirwala	Gas	151.20	92,842,570	488,100,835	12,218,082	500,318,917
9	Rousch	RLNG	395.00	277,706,580	1,842,708,231	77,269,128	1,919,977,359
10	Saba Power	RFO	125.55	42,944,170	341,998,781	7,313,392	349,312,173
11	Japan Power	RFO	107.00	-	-	-	-
12	Uch	Gas	551.25	381,686,000	1,022,142,813	90,077,896	1,112,220,709
13	Altern	Gas	27.12	20,762,920	137,686,400	14,070,832	151,767,232
14	Liberty	Gas	211.85	133,933,100	638,179,560	44,084,573	682,264,133
15	Davis Engren	RLNG	10.00	7,103,604	52,824,269	3,610,762	56,435,031
16	Chashma Nuclear	Nucl.	300.00	206,852,000	260,219,816	-	260,219,816
17	Chashma Nuclear-II	Nucl.	315.00	225,342,000	240,958,201	-	240,958,201
18	Tavanir Iran	Import	96.00	44,718,882	474,020,149	-	474,020,149
	Sub-Total:		5,888.19	3,109,304,152	17,840,873,312	832,560,115	18,673,433,427

Amir Khan

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
Aug-2016

S.No.	Power Producer	Fuel	Dep. Capacity (MW)	Energy KWh	FCC Rs.	VO&M Rs.	Total Energy Cost (Rs.)
1	Attock-Gen	RFO	156.18	97,602,597	552,101,214	89,813,910	641,915,124
2	Atlas Power	RFO	213.86	102,601,993	715,905,783	94,096,288	810,002,071
3	Nishat Power	RFO	195.31	101,619,827	690,264,170	93,185,381	783,449,551
4	Foundation Power	Gas	171.48	123,080,473	704,789,753	46,142,869	750,932,622
5	Orient	Gas	212.70	60,073,607	348,203,175	-	348,203,175
6	Nishat Chunian	HSD	195.72	30,435,249	386,990,603	10,694,949	397,685,552
7	Saif Power	RFO	203.89	108,256,608	740,216,312	98,946,540	839,162,852
8	Engro Enerov	Gas	212.98	73,729,888	404,285,418	26,881,917	431,167,335
9	Sapphire Power	HSD	203.17	25,383,976	312,516,594	13,359,587	325,876,181
10	Hubco Narowal	Gas	212.98	159,160,450	958,065,386	51,997,719	1,010,063,105
11	Liberty Power	Gas	203.17	55,052,025	306,419,703	19,851,760	326,271,463
12	Halmore	HSD	213.82	35,737,975	435,645,915	18,598,034	454,243,949
13	Uch-II	RFO	196.14	80,384,585	583,201,012	69,998,902	653,199,914
14	JDW-I	Gas	199.24	123,346,649	856,935,415	126,097,279	983,032,894
15	JDW-III	HSD	380.75	68,053,737	383,241,862	24,928,084	408,169,946
16	RYK	Gas	26.35	22,587,220	279,495,448	11,941,863	291,437,311
17	Chiniot Power	Bagasse	26.35	257,181,401	1,254,458,951	55,885,518	1,310,344,469
			24.01	17,115,990	102,892,774	7,354,741	110,247,515
			24.01	5,415,200	32,553,475	2,326,911	34,880,386
			62.40	29,023,360	172,610,569	14,334,633	186,945,202
Sub-Total:			2,831.95	1,593,242,700	10,325,393,030	883,913,623	11,209,306,653
IPP,s Total:-			8,720.14	4,702,546,852	28,166,266,342	1,716,473,738	29,882,740,080
4	Others						
	i. TPS-Quetta	Gas	25.00	14,387,000	123,728,200	991,264	124,719,464
	ii. Zorlu	Wind	56.40	17,258,470	-	81,741	81,741
	iii. FFCEL	Wind	49.50	12,960,970	-	-	-
	iv. TGF	Wind	49.50	14,346,030	-	-	-
	v. Foundation	Wind	49.50	28,508,790	-	-	-
	vi. Sapphire Wind Power	Wind	49.50	7,579,170	-	-	-
	vii. Younus Energy Ltd.,	Wind	49.50	1,979,130	-	-	-
	viii. Quid-e-Azam Solar Park	Solar	100.00	12,890,190	-	31,885,174	31,885,174
	ix. Appollo Solar Park	Solar	100.00	12,050,900	-	36,044,582	36,044,582
	x. Best Green Energy	Solar	100.00	13,454,620	-	-	-
	xi. Crest Energy	Solar	100.00	13,606,500	-	-	-
	xii. SPPs	Mixed	256.90	7,839,176	60,486,941	-	60,486,941
Others Total			985.80	156,860,946	184,215,141	69,002,761	253,217,902
G-Total:			22,202.35	10,780,206,677	41,319,124,155	2,642,966,633	43,962,090,788
Summary							
1	Hydel			4,249,585,214	-	505,086,629	505,086,629
2	Coal			10,438,000	46,968,912	2,163,797	49,132,709
3	HSD			142,158,020	1,790,758,105	79,020,425	1,869,778,530
4	F.O.			3,054,423,823	23,800,077,359	1,294,712,879	25,094,790,238
5	Gas			2,343,989,768	12,291,784,951	578,310,136	12,870,095,087
6	RLNG			291,270,584	1,941,193,404	84,168,248	2,025,361,652
6	Nuclear			432,194,000	501,178,017	-	501,178,017
7	Import from Iran			44,718,882	474,020,149	-	474,020,149
8	Wind Power			82,632,560	-	81,741	81,741
9	Solar			52,002,210	-	67,929,756	67,929,756
10	Bagasse			68,954,440	412,656,317	31,493,022	444,149,339
11	Mixed			7,839,176	60,486,941	-	60,486,941
Total For The month				10,780,206,677	41,319,124,155	2,642,966,633	43,962,090,788
Prev. Adjustment					156,944,486	-	156,944,486
Grand Total:				10,780,206,677	41,476,068,641	2,642,966,633	44,119,035,274
Energy Sale Price							
Energy Cost (Rs.)				41,476,068,641	2,642,966,633	44,119,035,274	
Cost not chargeable to DISCOs (Rs.)				150,768,374		150,768,374	
EPP (Chargeable) (Rs.)				41,325,300,267	2,642,966,633	43,968,266,900	
Energy Sold (KWh)				10,445,680,037	10,445,680,037	10,445,680,037	
Avg. Rate (Rs./KWh)				3.956210	0.253020	4.209230	

Shukail

Supplemental EPP charges under PPA's			
			Aug-16
S.No.	Generators	Description	Amount (Million Rs.)
1	Hydel		-
2	GENCOS		-
3	IPPs	Start-Up	-
		PLAC	-
		Open Cycle	-
		Fuel Differential	157.18
		Sub-Total:-	157.18
		Total (1 + 2 + 3)	157.18

Shukla

S. No	IPPs	Block	Fuel	Dep Capacity (MW)	Energy (KWH)	Energy Payment Price (EPP)											
						Curr. Month EPP (Rs.)			Prev. EPP Adj. (Rs.)	Prev. EPP (Ver - Claim) (Rs.)	Start-Up	PLAC	Open Cyclo	Bonus	Fuel Differential	Suppl. Total (Rs.)	Total EPP (Rs.)
						FCC	VO&M	Total:									
1	KAPCO	B-I	RFO	1,345.00	216,848,800	1,444,600,330	99,120,000	1,543,728,330	-591,358	(46,165,395)	-	-	-	-	57,899,534	57,899,534	1,554,863,111
			Gas		-	-	-	-	8	-	-	-	-	-	-	-	
		B-II	HSD		1,222,400	14,534,997	323,914	14,868,911	-366	-	-	-	-	-	326,386	326,386	15,184,931
			RFO		337,366,208	2,464,853,328	217,867,235	2,681,928,563	-920,815	-	-	-	-	-	98,878,182	98,878,182	2,771,878,738
		B-III	Gas		1,923,700	13,277,140	592,958	13,870,098	-576	-	-	-	-	-	513,636	513,636	14,383,158
			HSD		-	-	-	-	0	-	-	-	-	-	-	-	-
			Gas		4,536,700	32,383,764	2,695,488	35,079,164	-1,358	-	-	-	-	-	1,211,318	1,211,318	36,289,124
KAPCO Total:-					26,791,200	361,574,548	24,102,078	385,676,626	-8,022	-	-	-	-	7,153,362	7,153,362	392,821,966	
					588,689,000	4,331,224,107	343,901,585	4,675,125,692	-1,521,695	(46,165,395)	-	0	-	-	157,182,417	157,182,417	4,784,621,019
2	HUBCO		RFO	1,200.00	674,048,700	5,024,099,667	118,825,745	5,142,125,412	-	-	-	-	-	-	-	-	5,142,125,412
3	KEL		RFO	124.80	72,673,000	516,325,881	43,185,868	559,518,141	(196,205)	-	-	-	-	-	-	-	559,313,936
4	AES LALPIR		RFO	347.30	135,072,900	1,848,206,128	22,876,892	1,063,083,820	(133,186)	-	-	-	-	-	-	-	1,062,949,834
5	AES PAKGEN		RFO	348.60	128,531,680	986,373,892	21,769,811	1,008,142,183	(142,668)	-	-	-	-	-	-	-	1,087,999,443
6	SEPCOL		RFO	110.17	0	-	-	-	-	-	-	-	-	-	-	-	-
7	HCPC		Gas	129.15	76,397,126	443,886,182	34,157,157	477,963,339	-	-	-	-	-	-	-	-	477,963,339
8	FKPCL		Gas	151.00	92,842,570	488,100,835	12,218,082	580,318,917	56,432,570	-	-	-	-	-	-	-	556,751,487
9	ROUSCH		Gas	395.00	277,706,580	1,842,708,231	77,269,128	1,919,977,359	(381,442)	-	-	-	-	-	-	-	1,919,595,917
10	SABA		RFO	125.55	42,944,170	341,998,781	7,313,392	349,312,173	(48,731)	-	-	-	-	-	-	-	349,263,442
11	JAPAN		RFO	107.00	0	-	-	-	-	-	-	-	-	-	-	-	-
12	UCH		Gas	551.25	381,686,000	1,022,142,813	98,877,896	1,112,220,709	(442,482)	-	-	-	-	-	-	-	1,111,778,227
13	ALTERN		Gas	26.40	20,762,920	137,686,400	14,078,832	151,757,232	(1,833,524)	-	-	-	-	-	-	-	149,923,708
14	LIBERTY		Gas	211.85	133,933,100	638,179,560	44,884,573	682,264,133	(233,558)	-	-	-	-	-	-	-	682,038,575
15	Davis Energon		Gas	18.50	7,103,604	52,824,269	3,610,762	56,436,831	(4,386,232)	-	-	-	-	-	-	-	52,848,799
16	CHASNUPP		Nucl.	308.00	206,852,000	260,219,816	-	268,219,816	-	-	-	-	-	-	-	-	260,219,816
17	CHASNUPP-II		Nucl.	315.00	225,342,000	240,958,201	-	248,958,281	-	-	-	-	-	-	-	-	240,958,201
18	IRAN		RFO	96.00	44,718,882	474,020,149	-	474,820,149	-	-	-	-	-	-	-	-	474,020,149
Sub Total					5,893.77	3,109,304,152	17,848,873,312	832,568,115	18,673,433,427	47,112,855	(46,165,395)	-	-	-	157,182,417	157,182,417	18,831,563,384
1	Attock Gen		RFO	156.18	97,602,597	552,101,214	89,813,918	641,915,124	-	0	-	-	-	-	-	-	641,915,124
2	Atlas Power		RFO	213.86	102,601,993	715,905,783	94,896,288	810,002,871	-	-	-	-	-	-	-	-	810,002,871
3	Nishat Power		RFO	195.31	101,619,827	690,264,170	93,185,381	783,449,551	(688,879)	-	-	-	-	-	-	-	782,760,672
4	Foundation Power		Gas	177.00	123,080,473	704,789,753	46,142,869	750,932,622	-	0	-	-	-	-	-	-	750,932,622
5	Orient		Gas	60.073,607	348,203,175	-	-	348,203,175	(394)	-	-	-	-	-	-	-	348,202,781
6	Nishat Chunian		HSD	212.74	30,435,249	386,990,683	10,694,949	397,685,552	-	-	-	-	-	-	-	-	397,685,552
7	Saif Power		RFO	195.72	108,256,608	748,216,312	98,946,548	839,162,852	2,068,437	-	-	-	-	-	-	-	841,231,289
8	Engro Energy		Gas	204.12	73,729,888	404,285,418	26,881,917	431,167,335	(9,969,901)	-	-	-	-	-	-	-	421,197,434
9	Liberty Power		HSD	217.30	25,383,976	312,516,594	13,359,587	325,876,181	-	-	-	-	-	-	-	-	325,876,181
10	Engro Energy		Gas	217.30	159,160,450	958,865,386	61,997,719	1,018,863,105	(0)	-	-	-	-	-	-	-	1,010,063,105
11	Sapphire Power Ltd		HSD	212.11	55,052,025	386,419,783	19,851,760	326,271,463	(92,597,444)	-	-	-	-	-	-	-	233,674,019
12	HUBCO-Narawal		RFO	213.82	80,384,585	583,201,812	69,998,902	653,199,914	135,095,008	-	-	-	-	-	-	-	454,243,949
13	Liberty Power		RFO	196.14	123,346,649	856,935,415	126,097,279	983,832,694	(289)	-	-	-	-	-	-	-	983,032,485
14	Halmore		Gas	206.81	68,053,737	383,241,862	24,928,084	408,169,946	-	-	-	-	-	-	-	-	408,169,946
15	Uch-II		HSD	225.87	22,587,220	279,455,448	11,941,863	291,437,311	-	-	-	-	-	-	-	-	291,437,311
16	JOW-I		Gas	375.20	257,181,401	1,254,458,951	55,885,518	1,310,344,469	(712)	-	-	-	-	-	-	-	1,310,343,757
17	JOW-II		Bagasse	26.60	17,399,900	184,599,499	7,476,737	112,076,236	54,543,553	-	-	-	-	-	-	-	166,619,789
18	JOW-III		Bagasse	26.60	17,115,990	102,892,774	7,354,741	110,247,515	51,599,193	-	-	-	-	-	-	-	161,846,788
19	RYK		Bagasse	30.00	5,415,200	32,553,475	2,326,911	34,880,386	(198,065)	-	-	-	-	-	-	-	34,682,321
20	RYK		Bagasse	30.00	0	-	-	0	-	-	-	-	-	-	-	-	-
21	Chiniot Power		Bagasse	62.40	29,023,350	172,618,569	14,334,633	186,945,202	876,858	-	-	-	-	-	-	-	187,822,060
Sub Total					2,803	1,593,242,700	10,325,393,030	883,913,623	11,209,386,653	-	140,727,447	-	-	-	-	-	11,350,034,100
G-Total					8,696.67	4,702,546,852	28,166,266,342	1,716,473,738	29,882,740,080	47,112,855	94,562,052	0	0	0	0	157,182,417	30,181,597,404

Signature

CERTIFICATE

Subject: MONTHLY FUEL CHARGES ADJUSTMENT OF DISCOS FOR THE MONTH OF AUGUST – 2016

- 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 August 2016
- 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 plant was operated on partial load due to less demand in the system and transmission / distribution network constraints.


20-09-2016
Chief Engineer (Network Operation)
NPCC, NTDCL, Islamabad

CERTIFICATE

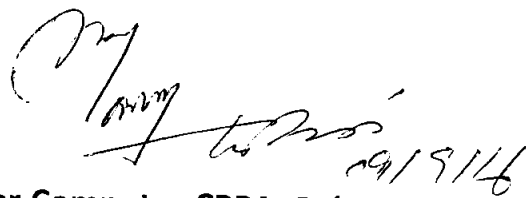
FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

REGARDING 1994 POWER POLICY (HUBCO & KAPCO INCLUSIVE)

FOR THE MONTH OF AUGUST ,2016

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 Purchaser 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 Sales / Purchases have been made in accordance with the Power Purchase Agreement.
2. The above statement is true and based on facts and verifiable documentary evidence. In case of any deviation / Variation observed if not rectified at later stage, WPPO will be responsible for the consequences arising out of any misstatement under NEPRA Act, Rules & XRegulations made there under a relevant Law of the country, whichever is applicable.



Manager Computer CPPA-G (WPPO).

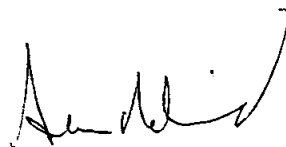
Certificate

For Fuel Adjustment in the Consumer-End Tariff
Regarding 2002 Power Policy for the Month of August-2016

This is to certify that:

- 1) All purchases have been made from the Generation Companies having valid Generation License issued by NEPRA except TPS-Quetta.
- 2) Invoicing of all Electricity purchases have been made strictly in accordance with the rates, Terms & Conditions as determined/approved/specified by NEPRA and notified in the Official Gazette, however, payment regarding periodical adjustments are made as per decision of NEPRA.

The above statement is true and based on facts and verifiable documentary evidence. In case of any deviation/variation, CPPA will be responsible for consequences arising out of any misstatement under NEPRA Act, Rules & Regulation made there under or relevant law of the country whichever is applicable.



Aamer Rashid
Addl. Manager (IT), CPPA
WAPDA House, Lahore