



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



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No. CEO/CPPA-G/CFO/7925

21st July, 2016

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

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

Monthly Energy Purchase Data for June-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 submitted that CPPA-G besides its best efforts could not furnish the FPA Data for June-2016 earlier as the data required for FPA working was received late from concerned quarter(s) due to Eid Holidays which is regretted please.

D.A. (As Above)


Chief Financial Officer

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

S.No.	Power Producer	Fuel	Dep. Capacity (MW)	Energy KWh	FCC Rs.	VO&M Rs.	Total Energy Cost (Rs.)
1	Hydel						
	WAPDA	Hydel	6,902.00	3,629,489,970	-	394,812,656	394,812,656
	Jagran	Hydel	30.00	16,620,920	-	33,208,598	33,208,598
	Peshawar	Hydel	17.50	4,413,600	-	1,257,876	1,257,876
	Malakand-II SHYDO	Hydel	81.46	53,834,000	-	13,458,500	13,458,500
Hydel Total:			7,115.35	3,739,784,490	-	453,721,899	453,721,899
2	Ex-WAPDA GENCOs						
	GENCO-I						
	Jamshoro Block 1	RFO	205.00	97,440,000	728,468,007	9,013,200	737,481,207
	Jamshoro Block 2	RFO	470.00	53,144,594	435,444,262	4,915,875	440,360,137
	Unit 2-4	Gas		127,580,406	1,099,119,623	11,801,188	1,110,920,811
	Kotri 3-7	Gas	106.50	40,313,000	301,601,439	3,728,953	305,330,392
	Jamshoro Total:		708.50	318,478,000	2,664,633,331	29,458,216	2,594,092,548
	GENCO-II						
	Central Block 1	RFO					0
	Quada CC 11-13	Gas	390	69,592,860	635,104,440	4,794,948	639,899,388
	Central Block 2	Gas		141,049,228	963,460,453	9,718,292	963,168,745
	Quada CC 3-10	Gas	530	1,589,814	18,119,919	105,538	16,229,457
	Quada 747	Gas	747	420,394,000	1,831,574,074	126,034,121	1,957,608,195
	Central Total:		2,147.00	632,625,900	3,436,248,896	140,658,699	3,576,905,795
	GENCO-III						
	Northern Block 1	RFO		309,345,016	2,568,131,401	40,214,852	2,608,346,253
	MG Unit 1-3	Gas	558.00	2,485,739	19,186,473	323,146	19,509,619
	Northern Block 2	RFO		130,031,781	1,057,316,125	16,904,132	1,074,220,256
	MG Unit 4	Gas	270.00	2,755,385	20,999,616	358,200	21,357,816
	Northern Block 3	RFO		156,602,966	1,458,294,317	20,358,386	1,478,652,703
	MG Unit 5-6	Gas	360.00	563,149	5,162,382	73,209	5,235,592
	Northern Block 4	Gas		26,410,196	158,873,169	3,433,325	162,306,494
	SPS PSD 1-2	Gas	87.00	14,847,000	149,320,733	1,930,110	151,250,843
	GPS PSD 1-4	Gas	75.00	(25,195)	(271,000)	(3,275)	(274,275)
	Randipur	RFO	411.35	139,477,000	880,310,944	98,666,030	978,978,974
	Northern Total:		1,678.35	782,493,036	6,317,324,159	182,258,114	6,499,582,274
	GENCO-IV						
		Coal	31.20	12,354,000	55,590,529	1,570,193	57,160,723
	Total:		31.20	12,354,000	55,590,529	1,570,193	57,160,723
	GENCO-V						
		RFO	425.00	-	-	-	-
	Total:		425.00	-	-	-	-
	GENCOs Total:		5,581.05	1,745,950,936	12,373,796,906	353,944,422	12,727,741,327
3	CPPA						
4	Kot Addu Block 1	RFO		187,685,100	1,076,408,214	85,456,858	1,161,865,072
		RLNG	328				0
		HSD		2,918,400	31,183,747	770,300	31,954,047
	Kot Addu Block 2	RFO	182	462,254,900	2,935,656,932	296,269,346	3,201,926,278
		RLNG		973,900	6,168,726	299,011	6,464,737
	Kot Addu Block 3	RLNG	248	5,407,800	35,410,650	3,200,463	38,611,113
		HSD		61,450,900	973,153,737	73,887,256	1,047,040,993
	KAPCO Total:		1,336.00	741,691,000	5,027,979,008	459,893,234	5,487,862,240
	Hub Power	RFO	1,208.00	706,753,000	4,689,657,149	125,433,794	4,815,090,943
	Kohistan Energy	RFO	124.00	72,502,000	489,544,587	42,910,742	532,455,329
	AEB Laspur	RFO	359.00	188,028,700	1,382,351,653	31,877,634	1,414,229,287
	Pak Gen Power Limited	RFO	344.60	175,690,800	1,286,893,072	39,785,915	1,326,478,987
	Southern Power	RFO	110.47	-	-	-	-
	Habibullah	Gas	129.15	75,805,641	440,370,130	38,069,600	478,439,730
	Fauji Kachwala	RLNG	161.29	93,451,490	548,524,160	12,288,216	560,822,376
	Roush	RLNG	386.00	266,384,521	1,346,734,619	73,831,436	1,420,566,055
	Saba Power	RFO	125.55	57,145,619	426,317,748	9,697,610	436,015,358
	Japan Power	RFO	107.30	-	-	-	-
	Lich	Gas	551.25	359,106,000	970,624,559	84,856,748	1,055,481,307
	Albera	Gas	27.12	19,404,600	128,993,156	13,171,842	142,166,998
	Liberty	Gas	311.85	128,109,900	843,040,410	42,004,314	885,044,724
	Davis Energen	RLNG	10.00	7,374,000	43,267,214	3,678,151	46,945,365
	Chashma Nuclear	Nuel	300.00	203,029,600	255,410,482	-	255,410,482
	Chashma Nuclear-II	Nuel	318.00	218,982,000	234,157,453	-	234,157,453
	Tavanir Iran	Import	88.00	43,597,067	462,128,910	-	462,128,910
Sub-Total:			5,888.19	3,357,065,338	18,577,794,308	977,499,236	19,555,293,544

Ans

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

S.No.	Power Producer	Fuel	Dep. Capacity (MW)	Energy KWh	FCC Rs.	VO&M Rs.	Total Energy Cost (Rs.)
1	Attock-Gen	RFO	188.18	103,374,736	582,707,710	95,125,432	577,833,142
2	Atlas Power	RFO	213.84	125,901,124	805,886,062	114,003,468	919,889,530
3	Nishat Power	RFO	185.31	111,873,118	596,208,031	101,301,108	697,509,139
4	Foundation Power	Gas	171.48	116,572,148	667,991,144	43,155,009	711,146,153
5	Orient	RLNG	212.70	96,854,585	503,882,717	20,504,121	524,386,838
6	Nishat Chashma	HSD		28,758,940	315,773,161	9,982,227	325,755,388
7	Self Power	RFO	184.72	119,175,869	692,031,501	107,651,862	799,683,063
8	Engro Energy	RLNG	203.89	74,284,989	538,569,892	26,757,453	565,327,345
9	Sapphire Power	HSD		27,890,408	335,978,249	14,500,222	350,478,471
10	Hubco Karawal	Gas	212.98	149,146,320	445,418,998	48,726,103	494,145,101
11	Liberty Power	RLNG	203.17	99,452,727	545,365,043	35,428,081	580,790,104
12	Hubco Karawal	HSD		28,748,601	350,445,446	14,779,847	365,225,093
13	Liberty Power	RFO	213.82	107,408,379	595,173,799	92,316,355	687,489,154
14	Halmare	RFO	196.14	116,953,705	701,006,585	118,017,984	819,024,569
15	Halmare	RLNG	199.24	99,024,156	542,000,842	35,836,842	577,837,684
16	Halmare	HSD		27,202,862	271,858,561	14,210,775	285,889,436
17	Dich-II	Gas	382.75	214,402,001	1,054,893,508	46,010,669	1,100,904,177
18	JOW-I	Bagasse	24.35	17,067,200	102,571,302	7,305,775	109,872,077
19	JOW-II	Bagasse	24.35	17,000,060	102,150,778	7,252,111	109,402,889
20	RYK	Bagasse	24.01	5,961,600	42,914,211	2,904,729	45,818,940
21	Chinnat Power	Bagasse	62.40	25,124,870	149,425,140	12,409,173	161,834,313
Sub-Total:			2,831.85	1,713,178,400	9,939,050,779	968,169,828	10,907,220,606
PPPs Total:			6,720.14	5,070,233,738	28,518,845,087	1,945,669,064	30,462,514,150
4	Others						
	i. TFS-Quetta	Gas	25.00	13,566,000	116,987,800	934,597	117,602,297
	ii. Zorlu	Wind	50.40	21,449,510	-	99,783	99,783
	iii. PFCEL	Wind	49.50	18,599,590	-	-	-
	iv. TDF	Wind	49.50	19,836,430	-	-	-
	v. Foundation	Wind	48.50	30,022,030	-	-	-
	vi. Sapphire Wind Power	Wind	48.50	21,219,230	-	-	-
	vii. Younus Energy Ltd.	Wind	49.50	(9,480)	-	-	-
	viii. Quide-Aram Solar Park	Solar	100.00	13,018,590	-	32,202,784	32,202,784
	ix. Appollo Solar Park	Solar	100.00	13,589,370	-	-	-
	x. Best Green Energy	Solar	100.00	9,942,550	-	-	-
	xi. Great Energy	Solar	100.00	9,760,370	-	-	-
	xii. SPPs	Mixed	256.80	9,783,437	75,842,920	-	75,842,920
	Others Total:		985.90	180,977,647	192,510,520	33,237,264	225,747,784
G-Total:			22,202.35	10,736,846,811	41,083,152,512	2,786,572,649	43,869,725,161
Summary							
1	Hydel			3,739,784,490	-	453,721,899	453,721,899
2	Coal			12,354,000	55,590,529	1,570,193	57,160,723
3	HSD			197,970,109	2,278,191,001	128,130,427	2,406,321,428
4	F.O.			3,420,788,407	23,359,606,058	1,449,919,283	24,809,527,381
5	Gas			1,923,668,189	9,858,240,825	479,230,737	10,337,471,562
6	RLNG			743,208,172	4,106,920,863	211,830,754	4,318,751,617
7	Nuclear			422,011,000	489,567,935	-	489,567,935
8	Import from Iran			43,597,067	462,128,910	-	462,128,910
9	Wind Power			111,117,330	-	99,783	99,783
10	Solar			48,410,880	-	32,202,784	32,202,784
11	Bagasse			66,153,730	397,061,430	29,868,789	426,928,219
12	Mixed			9,783,437	75,842,920	-	75,842,920
Total For The month:				10,736,846,811	41,083,152,512	2,786,572,649	43,869,725,161
Prev. Adjustment:				-	5,981,307,440	(908,661)	5,980,400,779
Grand Total:				10,736,846,811	47,064,459,952	2,785,665,988	49,830,125,940
Energy Sale Price							
Energy Cost (Rs.)				47,044,459,952	2,785,665,988		49,830,125,940
Cost not chargeable to DISCOs (Rs.)				34,501,812			34,501,812
EPP (Chargeable) (Rs.)				47,009,958,140	2,785,665,988		49,795,624,128
Energy Sold (KWh)				10,470,493,066	10,470,493,066		10,470,493,066
Avg. Rate (Rs./KWh)				4.489756	0.266049		4.755805

Ans

Energy Payment Price (EPP)

No	EPP's	Blk	Fuel	Des Capacity (MW)	Energy (MWh)	Cost (MWh) EPP (\$/M)					Pwr. (\$/M)	Pwr. EPP (\$/M)	Stand-Up	M.A.C	Open Crpt	Briest	Fuel Differential	Supply Total (M)	Total EPP (\$/M)
						FCI	WOM	Total	Per. (\$/M)	Total (\$/M)									
1	KAPCO	Blk	Ref			18,605,100	1,078,408,214	85,456,850		1,087,065,072	-60,532,097							9,708,105	1,113,141,160
		Blk	Gas			2,810,400	31,183,747	770,300		31,954,047	0		1,330	28,623				26,661	31,980,606
		Blk	HSD			442,284,900	2,000,696,532	229,296,346		2,229,992,878	0		160,300	4,026,828				4,207,136	2,296,133,434
		Blk	RFO			673,900	5,165,726	229,071		5,444,737	0		380	4,434				6,473,407	
		Blk	HCO								0								
2	NANCO TOSHI	Blk	Gas			8,407,400	38,410,450	3,200,463		38,611,113	0		2,109	47,109				38,660,331	
		Blk	HSD			82,450,305	923,163,737	73,887,246		1,047,044,203	0		33,145	718,253				720,413	1,047,794,408
3	HUBCO		RFO	1,200.00	709,773,000		4,858,857,146	151,433,734		4,815,000,343	10,805,517		32,999,402					43,504,919	4,858,775,862
4	KEI		RFO	124.00	72,522,000		435,544,587	43,910,742		431,633,828								832,465,279	
5	KEI LALPR		RFO	347.20	148,026,700		1,382,241,433	33,437,634		1,414,229,207								1,414,229,207	
6	KEI PAKDEN		RFO	348.60	174,020,800		1,290,493,872	38,795,315		1,329,479,287								1,329,479,287	
7	SEPCO		RFO	110.17	0														
8	FKPCL		Gas	129.15	73,805,641		440,370,100	20,093,500		479,437,200	(13,730)							478,423,992	
9	ROUSCH		Gas	151.00	93,451,400		848,524,160	12,298,215		860,822,375	3,470,472,398							3,473,920,867	
10	BAABA		Gas	385.00	206,394,327		1,346,734,619	79,831,438		1,420,566,055	(133,300,063)							1,287,266,000	
11	JAPAN		RFO	125.55	57,143,619		426,377,744	9,607,610		436,075,328	(97,042,727)							435,144,736	
12	LUCH		Gas	551.20	209,100,000		970,824,330	84,850,748		1,015,497,307	283,942,100							35,883,237	1,375,306,444
13	ALTECH		Gas	26.40	19,404,500		928,993,156	13,777,842		142,164,998	2,981,611							145,146,608	
14	LEBRITY		Gas	211.45	128,100,500		843,040,410	42,054,314		885,094,724								885,094,724	
15	CHANGHONG		Gas	10.50	7,574,500		43,287,216	3,878,181		46,945,395								46,945,395	
16	CHANGHONG		NGEL	200.00	201,009,000		255,410,402			255,410,402	2,137,278							237,272,792	
17	CHANGHONG		NGEL	315.00	218,982,000		234,157,453			234,157,453								234,157,453	
18	IRAN		RFO	98.00	43,547,707		462,128,910			462,128,910								462,128,910	
Sub Total					6,593,77	3,251,005,338	18,027,794,008	877,499,235		15,555,251,544	1,087,493,543	0	10,648,817	21,288,707	9,451,072	47,195,924	(32,990,067)	64,600,453	21,607,464,040
1	Abbas Qan		RFO	150.12	103,174,120		592,707,719	95,125,432		677,833,142	(11,800,053)							676,033,089	
2	Nahla Power		RFO	213.60	129,901,129		810,386,582	114,003,468		919,390,500								919,390,500	
3	Nahla Power		RFO	189.31	111,813,115		598,208,031	101,201,106		699,409,139	441,289							699,409,139	
4	Foundation Power		Gas	117.00	116,612,148		687,291,144	43,155,005		711,145,153	8,072,851							719,218,004	
5	Orkint		Gas	213.74	96,854,586		802,082,717	20,804,921		823,887,638								823,887,638	
6	Nahla Qan		RFO	195.72	119,173,009		682,031,691	107,551,582		789,583,273	(84,342)							789,508,931	
7	SAR Power		Gas	204.12	74,294,909		535,545,992	26,757,483		562,303,475	(316,573,083)							245,730,392	
8	Engho Energy		HSD	217.30	27,806,406		235,874,248	14,600,222		250,474,471								250,474,471	
9	Engho Energy		HSD		148,140,208		445,418,988	48,726,153		494,145,141	(373)							494,144,768	
10	Engho Energy		Gas	212.11	95,432,727		545,965,043	55,433,063		601,398,104	(34,708,066)							566,689,038	
11	HUBCO National		HSD	213.82	28,748,501		350,444,146	14,719,847		365,164,000								365,164,000	
12	HUBCO National		HSD	186.14	107,408,719		805,173,736	82,812,353		887,986,089	(80,812,354)							807,173,735	
13	HUBCO National		Gas	206.81	90,104,196		542,090,442	34,516,842		576,607,284	(38,251,726)							538,355,558	
14	HUBCO National		Gas	375.20	21,402,980		271,468,881	14,210,715		285,679,596								285,679,596	
15	HUBCO National		Gas	28.60	214,402,001		1,554,893,208	46,210,859		1,601,104,177								1,601,104,177	
16	HUBCO National		Gas	20.60	17,000,000		102,180,724	7,200,375		109,381,077								109,381,077	
17	HUBCO National		Gas	30.00	6,750,000		41,276,625	2,904,729		44,181,354	(105,782)							44,075,572	
18	HUBCO National		Gas		281,700		1,139,536	12,409,173		141,948,113	412,080							142,360,193	
Sub Total					2,803	1,713,378,400	9,516,845,087	968,163,832		10,297,220,606	1,450,108,325	10,685,517	31,288,707	9,451,072	47,195,924	(32,990,067)	64,600,453	10,453,131,631	

Supplemental EPP charges under PPA's			
Jun-16			
S.No.	Generators	Description	Amount (Million Rs.)
1	Hydel		-
2	GENCOS		-
3	IPPs	Start-Up	10.69
		PLAC	33.29
		Open Cycle	6.46
		Bonus	47.20
		Fuel Differential	-32.95
		Sub-Total:-	64.68
		Total (1 + 2 + 3)	64.68

Ans

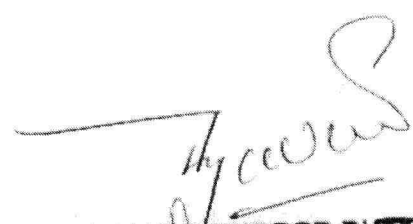
Certificate

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



AMJAD MAHBOOB BUTT
Deputy Manager (IT)
CPPA-Wapda House, Lahore

CERTIFICATE

Subject: **MONTHLY FUEL CHARGES ADJUSTMENT OF DISCOS FOR THE MONTH OF JUNE - 2016**

- I. It is certified that Merit order was followed as defined under section 2 (1) (x) of the NEPRA Licensing (Generation) Rules 2000, while Operating Power Plants in its fleet during month of June 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 low demand in the system and transmission / distribution network.

Chief Engineer (Network Operation)
NPCC, NTDC-T, Islamabad

CERTIFICATE

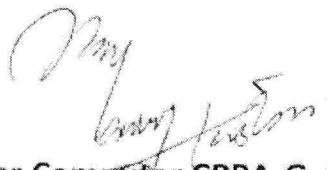
FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

REGARDING 1994 POWER POLICY (HUBCO & KAPCO INCLUSIVE)

FOR THE MONTH OF JUNE ,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).