



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



No. CEO/CPPA-G/CFO/9022

15th August, 2016

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

Received through Fax

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

Monthly Energy Purchase Data for July-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.

D.A. (As Above)

[Signature]
Chief Financial Officer

URGENT

For information & n/c

SAT-1
ME

17/8

DOCT-III

cc: chairman
- ve/mci,
- mcl,
- mcca,

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

S.No.	Power Producer	Fuel	Dep. Capacity (MW)	Energy KWh	FCC Rs.	VO&M Rs.	Total Energy Cost (Rs.)	
1	Hydel							
	i. WAPDA	Hydel	6,002.00	3,856,783,380	-	419,540,894	419,540,894	
	ii. Jagan	Hydel	30.00	18,808,590	-	33,177,968	33,177,968	
	iii. Pahari	Hydel	17.80	4,393,000	-	1,251,720	1,251,720	
	iv. Matikand-II SHYDO	Hydel	81.48	61,766,000	-	12,939,000	12,939,000	
	v. Lareli	Hydel	84.00	18,488,000	-	5,727,582	5,727,582	
	Hydel Total:		7,115.36	3,948,024,960	-	472,637,166	472,637,166	
2	Ex-WAPDA GENCOs							
	GENCO-I							
	Jamshoro Block 1	RFO	205.00	75,223,500	824,664,094	6,958,174	631,622,268	
	Jamshoro Block 2	RFO		80,853,862	744,389,464	7,478,984	751,678,428	
	Unit 2-4	Gas	470.00	175,126,838	1,477,038,693	16,189,233	1,493,238,926	
	Kotri 3-7	Gas	188.50	27,246,390	202,986,711	2,520,199	205,506,910	
	Jamshoro Total		798.60	358,449,390	3,049,089,962	33,156,549	3,082,246,531	
	GENCO-II							
	Central Block 1	RFO					0	
	Guido CC 11-13	Gas	390	60,881,851	556,600,471	4,184,704	559,796,175	
	Central Block 2	Gas		179,708,881	1,214,784,883	12,382,011	1,227,168,894	
	Guido CC 8-10	Gas	530	8,597,768	90,219,364	513,056	90,832,420	
	Guido Steam 3-4	Gas	340	10,069,200	81,839,655	696,146	82,534,701	
	Guido 747	Gas	747	431,672,200	1,781,073,519	129,386,346	1,890,468,865	
	Central Total		2,147.00	691,150,100	3,703,517,792	147,270,263	3,850,788,055	
	GENCO-III							
	Northern Block 1	RFO	558.00	305,201,104	2,848,029,981	38,676,144	2,887,706,124	
	MG Unit 1-3	Gas					0	
	Northern Block 2	RFO	270.00	115,464,764	1,058,206,641	16,010,411	1,070,217,080	
	MG Unit 4	Gas					0	
	Northern Block 3	RFO	380.00	125,351,227	1,304,068,733	16,298,677	1,320,362,405	
	MG Unit 5-6	Gas					0	
	Northern Block 4	Gas		31,192,339	167,640,634	4,056,004	181,695,639	
	SPS FSD 1-2	Gas	97.00	10,863,000	109,252,460	1,412,191	110,664,640	
	GTPS FSD 1-4	Gas	75.00	(32,338)	(347,842)	(4,204)	-362,046	
	Nasirpur	RFO	411.36	148,248,000	1,018,342,011	104,870,634	1,123,212,646	
	HSD							
	Northern Total:		1,979.35	736,288,195	8,622,190,909	181,315,861	8,703,506,469	
	GENCO-IV							
		Coal	31.20	5,389,000	24,294,420	688,215	24,980,633	
	Total:		31.20	5,389,000	24,294,420	688,215	24,980,633	
	GENCOs Total:		5,381.06	1,791,286,669	13,299,092,783	362,428,916	13,881,621,588	
3	PPs							
	1	Kot Addu Block 1	RFO		214,478,800	1,376,448,125	98,030,674	1,488,478,803
			RLNG	328	9,856,100	54,716,845	2,644,497	57,260,342
			HSD		3,169,000	36,461,566	839,455	37,241,021
		Kot Addu Block 2	RFO	762	363,623,100	2,477,703,074	227,506,978	2,785,212,060
			RLNG		62,667,400	394,278,690	19,285,231	413,663,921
		Kot Addu Block 3	RLNG	249	49,202,800	327,798,159	28,638,663	366,428,722
			HSD		42,127,800	562,131,567	37,892,044	590,823,611
		KAPCO Total		1,338.08	733,625,000	5,273,499,026	414,739,444	5,828,208,470
	2	Hub Power	RFO	1,200.00	614,226,900	4,454,730,281	107,560,788	4,562,281,069
	3	Kohinoor Energy	RFO	124.00	66,018,300	463,785,826	39,230,406	503,015,932
	4	AES Lalpur	RFO	350.00	160,484,300	1,266,306,765	27,310,642	1,282,617,385
	5	Pak Gen Power Limited	RFO	348.80	171,879,908	1,348,956,849	29,263,443	1,378,218,392
	6	Southern Power	RFO	110.47				
	7	Habibullah	Gas	129.15	77,379,436	448,284,166	38,924,719	484,108,965
	8	Fauji Kadirwala	RLNG	151.20	92,273,500	485,111,189	12,143,249	497,264,413
	9	Roush	RLNG	395.00	258,748,676	1,306,840,985	71,982,042	1,378,833,047
	10	Baba Power	RFO	128.55	54,144,940	421,491,205	9,177,647	430,668,883
	11	Japan Power	RFO	107.00				
	12	Uch	Gas	551.25	369,736,000	877,614,087	102,153,515	1,079,787,602
	13	Allam	Gas	27.12	20,026,190	133,826,677	13,645,164	147,471,841
	14	Liberty	Gas	211.85	145,872,600	851,218,049	81,313,863	732,828,812
	15	Devia Energen	RLNG	10.00	7,519,000	54,975,160	3,840,418	58,516,588
	16	Chashma Nuclear	Nucl.	308.00	209,689,000	263,788,782		263,788,782
	17	Chashma Nuclear-II	Nucl.	315.00	224,891,000	240,475,946		240,475,946
	18	Tawaneh Iran	Import	88.00	46,886,537	485,936,692		485,936,692
	Sub-Total:		8,888.19	3,261,290,676	18,199,110,533	951,175,218	19,150,286,789	

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

S.No.	Power Producer	Fuel	Dep. Capacity (MW)	Energy KWh	FCC Rs.	VO&M Rs.	Total Energy Cost (Rs.)
1	Attock-Gas	RFO	156.18	104,873,808	618,744,737	95,769,532	714,513,269
2	Atisa Power	RFO	213.86	114,457,055	755,242,918	104,968,565	870,211,431
3	Nishat Power	RFO	185.31	118,088,773	741,006,569	108,900,498	847,906,977
4	Foundation Power	Gas	171.48	120,883,244	693,145,750	44,878,937	737,820,697
5	Orient	RLNG	212.70	114,588,235	620,706,519	24,551,960	645,258,478
		HSD		20,228,304	247,774,889	7,108,221	264,882,890
6	Nishat Chaman	RFO	185.72	120,615,984	790,954,890	108,551,505	899,516,295
7	Saif Power	RLNG	203.89	140,289,615	753,886,859	51,149,594	804,826,453
		HSD		-	-	-	0
8	Engro Energy	Gas	212.96	151,286,257	733,082,413	49,425,874	782,506,287
9	Sapphire Power	RLNG	203.17	132,164,793	612,602,290	47,077,099	668,679,389
		HSD		-	-	-	0
10	Hubco Narawal	RFO	213.82	118,780,364	801,823,598	103,433,938	905,257,528
11	Liberty Power	RFO	196.14	125,542,304	808,896,759	128,584,735	936,383,493
12	Halmora	RLNG	199.24	134,030,925	734,910,646	48,506,782	783,416,438
		HSD		-	-	-	0
13	Uchail	Gas	380.75	222,035,718	1,088,385,731	47,848,851	1,136,044,596
14	JOWA	Bagasse	26.35	17,808,000	197,190,622	7,552,058	114,842,620
15	JOWA-II	Bagasse	26.35	17,487,200	198,233,588	7,514,256	112,747,835
16	RYK	Bagasse	24.01	9,086,200	86,204,082	3,903,911	80,108,008
17	Chinot Power	Bagasse	82.40	24,480,780	146,475,478	12,081,185	167,556,647
Sub-Total:			2,831.95	1,805,655,437	10,424,987,809	998,003,551	17,422,897,355
MPP's Total:-			8,720.14	5,058,844,115	28,623,998,342	1,949,177,811	30,573,177,154
Others							
i.	TPS-Quetta	Gas	25.00	13,324,000	114,586,400	918,021	115,504,424
ii.	Zorlu	Wind	56.40	25,908,820	-	113,991	113,990
iii.	PFCEL	Wind	49.50	21,636,580	-	-	-
iv.	TGF	Wind	49.50	21,800,000	-	-	-
v.	Foundation	Wind	49.50	31,714,640	-	-	-
vi.	Sapphire Wind Power	Wind	49.50	28,382,380	-	-	-
vii.	Yousue Energy Ltd.	Wind	49.50	3,637,950	-	-	-
viii.	Quik-e-Azam Solar Park	Solar	100.00	13,870,240	-	34,308,421	34,308,428
ix.	Appollo Solar Park	Solar	100.00	14,455,100	-	38,044,581	38,044,582
x.	Best Green Energy	Solar	100.00	14,647,430	-	-	-
xi.	Grest Energy	Solar	100.00	14,633,700	-	-	-
xii.	SPPs	Mixed	256.90	8,108,912	82,679,783	-	82,679,783
Others Total			985.80	208,858,752	177,288,183	71,368,021	248,552,204
G-Total:			22,202.35	11,005,746,502	42,100,357,307	2,855,630,901	44,955,988,211
Summary							
1	Hydel			3,948,024,950	-	472,637,181	472,637,165
2	Coal			8,399,000	24,294,420	686,211	24,980,633
3	HSD			86,526,184	836,307,782	48,838,721	882,147,612
4	F.C.			3,188,702,783	23,910,812,186	1,378,080,191	28,288,872,382
5	Gas			2,064,889,773	10,617,237,712	650,059,721	11,067,297,437
6	RLNG			1,000,813,443	5,345,318,330	308,728,461	6,655,048,791
7	Nuclear			434,890,000	804,264,708	-	504,264,708
8	Import from Iran			45,906,837	485,638,692	-	485,638,692
9	Wind Power			129,848,370	-	113,991	113,990
10	Solar			57,506,470	-	70,364,801	70,364,068
11	Bagasse			68,841,160	414,103,684	31,161,421	445,256,111
12	Mixed			8,108,912	82,679,783	-	82,679,783
Total For The month				11,005,746,502	42,100,357,307	2,855,630,901	44,955,988,211
Prev. Adjustment					4,701,373,747	14,212,811	4,716,586,558
Grand Total:				11,005,746,502	46,801,731,054	2,869,843,712	49,671,574,575

Energy Sale Price

Energy Cost (Rs.)	46,801,731,054	2,869,843,521	49,671,574,575
Cost not chargeable to DISCOs (Rs.)	123,251,199		123,251,199
EPR (Chargeable) (Rs.)	48,678,479,665	2,869,843,521	49,541,323,177
Energy Sold (KWh)	10,714,812,813	10,714,812,813	10,714,812,813
Avg. Rate (Rs./KWh)	4,538,444	2,677,631	4,624,283

Supplemental EPP charges under PPA's			
Jul-16			
S.No.	Generators	Description	Amount (Million Rs.)
1	Hydel		-
2	GENCOS		-
3	IPPs	Start-Up	0.00
		PLAC	0.00
		Open Cycle	0.00
		Bonus	0.00
		Fuel Differential	0.00
	Sub-Total:-		0.00
	Total (1 + 2 + 3)		0.00

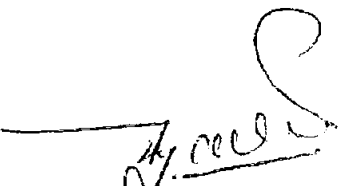
Certificate

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

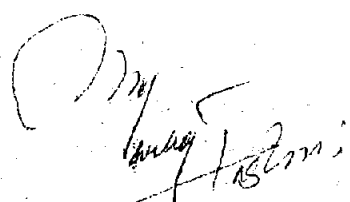
FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

REGARDING 1994 POWER POLICY (HUBCO & KAPCO INCLUSIVE)

FOR THE MONTH OF JULY ,2016

This is to certify that :-

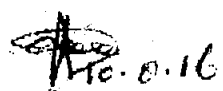
- i) All purchases have been made from IPP's Under 1994 Policy, including HUBCO, KAPCO & Chasnupp and Excluding Tavanir, having valid generation License issued by NEPRA.
 - ii) Invoices of all Electricity Purchaser have been made strictly in accordance with the rates, Terms & conditions as stipulated 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 & Regulations made there under a relevant Law of the country, whichever is applicable.


Manager Computer CPPA-G (WPPO).

CERTIFICATE

Subject: MONTHLY FUEL CHARGES ADJUSTMENT OF DISCOS FOR THE MONTH OF JULY - 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 July 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.


Chief Engineer (Network Operation)
NPCC, NTDCI, Islamabad