



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



No. CEO/CPPA-G/ 3989

15th April, 2016

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

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

Monthly Energy Purchase Data for March-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. Certificate(s) provided by quarters concerned are enclosed herewith.

Registrar	4/10
Dy No.
Dated	20-04-16

D.A. (As Above)

For information &
20.4.16

— SAT-I

Copy to:

— SA (Pch)

— DG (MRE)

— DM / F

Chief Financial Officer

20.04.16

cc: chairman

VC/M (M&E)

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M (CA)

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Senior Advisor Tariff-1
Dy No: 3374
Date: 21-4-16

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
Mar-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	6,902.00	1,764,337,835	-	184,442,398	184,442,398
ii.	Jagran	Hydel	30.00	4,279,090	-	8,549,622	8,549,622
iii.	Pehure	Hydel	17.90	3,240	-	923	923
iv.	Malakand-III SHYDO	Hydel	81.46	32,273,000	-	8,068,250	8,068,250
v.	Laraib	Hydel	84.00	54,531,000	-	11,009,809	11,009,809
	Hydel Total:		7,115.36	1,855,424,165	-	212,071,002	212,071,002
	Ex-WAPDA GENCOs						
	GENCO-I						
i.	Jamshoro Block 1	RFO	205.00	50,285,000	284,587,958	4,651,363	289,239,321
	Unit 2-4	Gas	470.00	194,410,000	1,637,605,617	17,982,925	1,655,588,542
	Kotri 3-7	Gas	106.50	10,968,000	78,595,591	1,014,540	79,610,131
	Jamshoro Total		798.50	255,663,000	2,000,789,166	23,648,828	2,024,437,994
	GENCO-II						
ii.	Guddu CC 11-13	Gas	390	47,113,538	422,118,455	3,246,123	425,364,578
	Central Block 2	Gas		111,330,619	738,845,653	7,670,680	746,516,333
	Guddu CC 5-10	Gas	530	7,858,543	78,229,438	541,454	78,770,892
	Guddu 747	Gas	747	187,310,515	909,579,861	51,622,778	961,202,639
	Central Total		2,147.00	353,613,215	2,148,773,407	63,081,034	2,211,854,441
	GENCO-III						
iii.	Northern Block 1	RFO	558.00	153,928,301	951,865,274	20,010,679	971,875,953
	MG Unit 1-3	Gas		3,780,381	-	491,450	491,450
	Northern Block 2	RFO	270.00	54,871,686	325,824,709	7,133,319	332,958,028
	MG Unit 4	Gas		23,123,198	-	3,006,016	3,006,016
	Northern Block 3	RFO	360.00	44,396,011	301,071,072	5,771,481	306,842,553
	MG Unit 5-6	Gas		2,307,504	-	299,976	299,976
	Northern Block 4	Gas		64,568,686	388,419,387	8,393,929	396,813,316
	SPS FSD 1-2	Gas	97.00	15,514,000	156,028,952	2,016,820	158,045,772
	GTPS FSD 1-4	Gas	75.00	104,314	1,122,011	13,561	1,135,572
	Nandipur	RFO	411.35	110,696,000	756,623,407	78,306,350	834,929,758
	HSD			-	-	-	-
	Northern Total:		1,979.35	473,290,081	2,880,954,812	125,443,581	3,006,398,393
	GENCO-IV						
iv.		Coal	31.20	12,535,000	56,404,993	1,593,199	57,998,192
	Total:		31.20	12,535,000	56,404,993	1,593,199	57,998,192
	GENCOs Total:-		5,381.05	1,095,101,296	7,086,922,378	213,766,641	7,300,689,019
3	IPPs						
1	Kot Addu Block 1	RFO	325	59,228,100	245,462,032	26,967,768	272,429,800
		Gas		140,782,500	678,352,034	36,953,977	715,306,011
	Kot Addu Block 2	RFO	762	25,746,500	117,234,624	16,501,470	133,736,094
		Gas		118,841,600	620,527,429	36,488,649	657,016,078
	KAPCO Total		1,336.00	347,819,100	1,678,967,107	118,817,753	1,797,784,860
2	Hub Power	RFO	1,200.00	668,322,400	3,276,459,161	118,613,187	3,395,072,348
3	Kohinoor Energy	RFO	124.00	63,344,000	306,064,392	37,490,525	343,554,917
4	AES Lalpir	RFO	350.00	71,294,900	389,497,371	12,087,052	401,584,423
5	Pak Gen Power Limited	RFO	348.60	183,242,100	983,611,892	31,066,133	1,014,678,025
6	Southern Power	RFO	110.47	-	-	-	-
7	Habibullah	Gas	129.15	19,670,327	112,185,776	9,884,339	122,070,115
8	Fauji Kabirwala	Gas	151.20	80,803,510	424,807,938	60,111,206	484,919,144
9	Rousch	Gas	395.00	202,470,413	1,008,053,887	56,116,929	1,064,170,816
10	Saba Power	RFO	125.55	-	-	-	-
11	Japan Power	RFO	107.00	-	-	-	-
12	Uch	Gas	551.25	373,462,000	1,004,023,321	88,249,071	1,092,272,392
13	Altern	Gas	27.12	21,140,070	137,843,223	14,344,594	152,187,817
14	Liberty	Gas	211.85	70,907,700	523,462,700	23,249,018	546,711,718
15	Davis Energen	Gas	10.00	7,414,000	48,784,120	3,638,050	52,422,170
16	Chashma Nuclear	Nucl.	300.00	212,597,000	267,447,026	-	267,447,026
17	Chashma Nuclear-II	Nucl.	315.00	226,604,000	242,307,657	-	242,307,657
18	Tavanir Iran	Import	96.00	32,821,200	347,904,720	-	347,904,720
	Sub-Total:		5,888.19	2,581,912,720	10,751,420,291	573,667,857	11,325,088,148

Ans
15/4/16

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
Mar-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	97,969,263	372,472,099	90,357,051	462,829,150
2	Atlas Power	RFO	213.86	87,229,641	402,429,712	79,160,900	481,590,612
3	Nishat Power	RFO	195.31	77,305,727	371,315,734	70,154,947	441,470,681
4	Foundation Power	Gas	171.48	99,449,654	597,098,874	36,895,822	633,994,696
5	Orient	Gas	212.70	118,515,548	835,397,557	25,113,442	860,510,999
		HSD		3,836,426	42,123,957	1,333,158	43,457,115
6	Nishat Chunian	RFO	195.72	72,867,485	341,802,259	65,959,647	407,761,906
7	Saif Power	Gas	203.89	53,903,129	374,367,773	19,437,468	393,805,241
		HSD		-	-	-	0
8	Engro Energy	Gas	212.98	15,632,251	479,543,636	5,117,999	484,661,635
		Gas		85,372,556	623,330,669	30,443,853	653,774,522
9	Sapphire Power	HSD	203.17	4,691,948	57,194,846	2,414,478	59,609,324
10	Hubco Narowal	RFO	213.82	102,981,802	486,049,998	88,780,601	574,830,599
11	Liberty Power	RFO	196.14	68,311,946	316,567,316	69,104,365	385,671,681
12	Halmore	Gas	199.24	105,603,170	737,019,284	38,249,468	775,268,752
		HSD		3,365,554	39,173,817	1,759,848	40,933,665
13	Uch-II	Gas	380.75	37,830,484	379,736,694	8,137,337	387,874,031
14	JDW-I	Bagasse	26.35	14,471,100	91,312,261	6,799,917	98,112,178
15	JDW-III	Bagasse	26.35	16,509,210	100,735,210	7,501,591	108,236,801
16	RYK	Bagasse	24.01	12,490,800	75,088,444	5,367,297	80,455,741
17	Chiniot Power	Bagasse	62.40	30,761,360	182,947,036	15,193,036	198,140,072
Sub-Total:			2,831.95	1,109,099,054	6,905,707,177	667,282,225	7,572,989,402
IPPs Total:-			8,720.14	3,691,011,774	17,657,127,468	1,240,950,082	18,898,077,550
4	Others						
	i. TPS-Quetta	Gas	25.00	7,644,000	65,738,400	526,672	66,265,072
	ii. Zorlu	Wind	56.40	9,994,620	-	-	0
	iii. FFCEL	Wind	49.50	6,215,000	-	-	-
	iv. TGF	Wind	49.50	9,057,000	-	-	-
	v. Foundation	Wind	49.50	16,005,530	-	-	-
	vi. Sapphire Wind Power	Wind	49.50	10,131,880	-	-	-
	vii. Quid-e-Azam Solar Park	Solar	100.00	14,732,920	-	36,443,351	36,443,351
	viii. SPPs	Mixed	256.90	19,883,910	139,783,072	-	139,783,072
Others Total			636.30	93,664,860	205,521,472	36,970,023	242,491,495
G-Total:			21,852.85	6,735,202,095	24,949,571,318	1,703,757,748	26,653,329,066
Summary							
1	Hydel			1,855,424,165	-	212,071,002	212,071,002
2	Coal			12,535,000	56,404,993	1,593,199	57,998,192
3	HSD			11,893,928	138,492,621	5,507,484	144,000,105
4	F.O.			1,992,020,862	10,228,939,010	822,116,839	11,051,055,849
5	Gas			2,231,052,610	13,078,209,267	591,164,033	13,669,373,300
6	Nuclear			439,201,000	509,754,683	-	509,754,683
7	Import from Iran			32,821,200	347,904,720	-	347,904,720
8	Wind Power			51,404,030	-	-	0
9	Solar			14,732,920	-	36,443,351	36,443,351
10	Bagasse			74,232,470	450,082,952	34,861,840	484,944,792
11	Mixed			19,883,910	139,783,072	-	139,783,072
Total For The month				6,735,202,095	24,949,571,318	1,703,757,748	26,653,329,066
Prev. Adjustment				-	10,045,113,832	(190,538,139)	9,854,575,694
Grand Total:				6,735,202,095	34,994,685,150	1,513,219,609	36,507,904,759

Energy Sale Price

Energy Cost (Rs.)	34,994,685,150	1,513,219,609	36,507,904,759
Cost not chargeable to DISCOs (Rs.)	27,220,258		27,220,258
EPP (Chargeable) (Rs.)	34,967,464,892	1,513,219,609	36,480,684,501
Energy Sold (KWh)	6,582,512,618	6,582,512,618	6,582,512,618
Avg. Rate (Rs./KWh)	5.312176	0.229885	5.542061

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Supplemental EPP charges under PPA's			
			Mar-16
S.No.	Generators	Description	Amount (Million Rs.)
1	Hydel		-
2	GENCOS		-
3	IPPs	Start-Up	3.53
		PLAC	12.44
		Open Cycle	0.04
		Fuel Differential	798.05
		E-Duty	26.88
		Sub-Total:-	840.93
		Total (1 + 2 + 3)	840.93

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15/04/16


Detail Of Energy Imported From Small Power Producers					
DISCO	SPPs	Description	March Jan 2016	Rate (Rs./KWh)	
MEPCO	Indus Sugar Mills	Energy	312,752	6.29	
		Cost (Rs.)	1,967,210		
	Ashraf Sugar Mills	Energy	2,349,968	6.29	
		Cost (Rs.)	14,781,299		
	Din Wali Sugar Mills	Energy	1,079,170	6.29	
		Cost (Rs.)	6,787,979		
	Hamzah Sugar Mills	Energy	841,560	6.29	
		Cost (Rs.)	5,293,412		
Layyah Sugar Mills	Energy	3,027,924	6.29		
	Cost (Rs.)	19,045,642			
	DISCO's Total:-	Energy	7,611,374	6.29	
		Cost (Rs.)	47,875,542		
HESCO	Thatta Power (Pvt.) Ltd.,	Energy	44,100	6.80	
		Cost (Rs.)	299,880		
	Anoud Textile NCPP	Energy	-	6.80	
		Cost (Rs.)	-		
	Agar Textile Mills	Energy	9,356,608	7.80	
		Cost (Rs.)	72,981,542		
	Faran Sugar Mills	Energy	100,616	6.29	
		Cost (Rs.)	632,875		
	Omni (NPCC)	Energy	569,464	6.80	
		Cost (Rs.)	3,872,355		
	Bandhi Sugar Mills	Energy	808,680	6.29	
		Cost (Rs.)	5,086,597		
	Hi-Tech	Energy	175,664	7.80	
		Cost (Rs.)	1,370,179		
Mehran	Energy	227,040	6.29		
	Cost (Rs.)	1,428,082			
Tando Allah Yar Sugar Mills	Energy	114,054	6.29		
	Cost (Rs.)	717,400			
	DISCO's Total:-	Energy	11,396,226	7.58	
		Cost (Rs.)	86,388,910		
SEPCO	AL Noor Sugar Mills	Energy	801,960	6.29	
		Cost (Rs.)	5,044,328		
	Dadu Energy	Energy	6,300	6.80	
		Cost (Rs.)	42,840		
	Lodra Power	Energy	6,700	6.80	
		Cost (Rs.)	45,560		
		DISCO's Total:-	Energy	876,310	6.30
			Cost (Rs.)	5,518,620	
G-Total		Energy	19,883,910	7.03	
		Cost (Rs.)	139,783,072		

Ans
15/6/16

CERTIFICATE

Subject: MONTHLY FUEL CHARGES ADJUSTMENT OF DISCOS FOR
THE MONTH OF MARHC - 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 March 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.


18.04.2016
Chief Engineer (Network Operation)
NPCC, NTDCL, Islamabad

CERTIFICATE

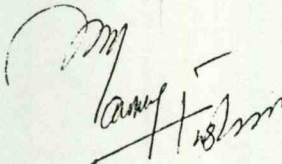
FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

REGARDING 1994 POWER POLICY (HUBCO & KAPCO INCLUSIVE)

FOR THE MONTH OF MARCH ,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.

 05/04/16

Manager Computer CPPA-G (WPPO).

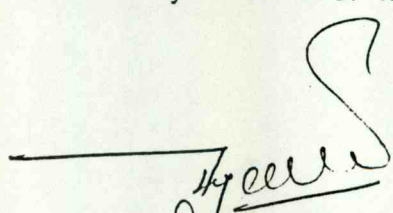
Certificate

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

This is to certify that:

- 1 All purchases have been made from the Generation Companies having valid Generation License issued by NEPRA.
- 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