



National Transmission & Dispatch Company Limited

Chief Operating Officer
Central Power Purchasing Agency

No. COO/CPPA/IT/4756

28th May, 2015

The Registrar NEPA,
NEPA Tower, Attaturk Avenue,
G-5/1, Islamabad.
051-9206500

Subject: - ENERGY PURCHASE DATA FOR THE MONTH OF APRIL-2015

Monthly Energy Purchase Data for April-2015 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), NEPA.

Further, 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.

It is submitted that CPPA from May-14 to March-15 has been charging the energy supplied by Nandipur 425 MW Power Plant on the provisional basis. Cost of the same based upon actual invoices raised by the company has been adjusted as per detail annexed herewith.

Besides above, this office is also in receipt of Memo No. 5-PF/02/2013-Subsidy from MoW&P. Copy of the same is annexed herewith.

D.A. (As Above)

For information &
— SAT-I
Gm to:
— SA (Tech) 8
— Engr (G) 3/6 cc: chairman
— Dir (Lic) VC/m(CA)
— M/F DICT-111 m(T)
n(M&E)
m(Lic)

General Manager
(CPPA)

Registrar 5962
Dy No. 01-06-15
01-06-15

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
Apr-2015

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	1,388,315,126	-	120,601,647	120,601,647
	ii. Jagran	Hydel	30.00	10,113,790	-	20,207,352	20,207,352
	iii. Pehure	Hydel	17.90	3,291,120	-	937,969	937,969
	iv. Malakand-III SHYDO	Hydel	81.46	51,690,000	-	12,897,500	12,897,500
	v. Loralb	Hydel	84.00	19,439,000	-	3,773,110	3,773,110
	Hydel Total:		7,115.36	1,472,749,036	-	158,417,479	158,417,479
	Ex-WAPDA GENCOs						
	GENCO-I						
	Jamshoro Block 1	RFO	205.00	66,676,000	699,508,266	6,075,030	706,583,296
	Jamshoro Block 2	RFO	470.00	237,423,964	2,715,960,320	21,961,717	2,737,922,037
	Unit 2-4	Gas		11,093,036	76,768,246	1,026,106	77,794,362
	Kotri 3-7	Gas	106.50	44,491,700	284,675,275	4,115,482	288,690,757
	Jamshoro Total		798.50	358,684,700	3,776,812,107	33,178,335	3,809,990,442
	GENCO-II						
	Central Block 2	Gas	390	169,569,357	946,654,390	11,683,329	957,337,719
	Quddu CC 5-10	Gas	530	7,594,054	63,525,781	523,230	64,049,011
	Quddu Steam 3-4	Gas	340	10,613,380	71,025,800	731,262	71,757,062
	Central Block 4	Gas	140	11,383,009	81,616,175	784,289	82,400,464
	Quddu 747	Gas	747	291,210,044	1,280,566,457	80,257,488	1,360,823,946
	Central Total		2,147.00	490,369,844	2,442,388,603	93,979,598	2,536,368,202
	GENCO-III						
	Northern Block 1	RFO	558.00	278,564,205	3,106,536,733	6,964,105	3,113,500,838
	Northern Block 2	RFO	270.00	66,410,491	737,413,276	1,660,262	739,073,538
	Northern Block 3	RFO	360.00	162,023,812	2,026,524,119	4,050,595	2,030,574,714
	GTPS FSD 5-9	Gas	117.00	9,613,424	48,598,820	240,336	48,837,155
	SPS FSD 1-2	Gas	97.00	2,188,000	18,491,882	54,700	18,546,582
	GTPS FSD 1-4	Gas	75.00	978,576	8,845,055	24,464	8,869,519
	Northern Total:		1,568.00	519,778,508	5,946,407,884	12,994,463	5,959,402,347
	GENCO-IV						
	Coal		31.20	13,119,000	59,032,876	1,667,425	60,700,301
	Total:		31.20	13,119,000	59,032,876	1,667,425	60,700,301
	GENCO-V						
	Nandipur	RFO	425.00	43,126,000	559,648,065	30,507,332	590,155,397
	Total:		425.00	43,126,000	559,648,065	30,507,332	590,155,397
	GENCOs Total:-		4,544.70	1,426,078,052	12,784,289,536	172,327,153	12,956,616,688
3	IPPs						
	1 Kot Addu Block 1	RFO		219,246,500	1,847,021,511	113,790,995	1,960,812,506
		Gas	325	8,854,100	83,068,996	4,595,361	87,864,357
		HSD		1,319,400	15,944,315	684,781	16,629,096
	Kot Addu Block 2	RFO		313,862,100	2,954,367,644	162,897,380	3,117,265,024
		Gas	762	114,267,200	1,183,724,088	59,305,751	1,243,029,839
	Kot Addu Block 3	Gas	249	88,808,000	976,675,463	46,092,187	1,022,767,640
		HSD		23,479,700	337,292,038	12,186,185	349,478,223
	KAPCO Total		1,336.00	769,837,000	7,398,094,045	399,552,640	7,797,646,685
	2 Hub Power	RFO	1,200.00	514,180,200	4,950,113,828	93,910,124	5,044,023,952
	3 Kohinoor Energy	RFO	124.00	77,527,000	650,819,909	44,498,379	695,318,288
	4 AES Lalpur	RFO	350.00	201,543,600	1,999,497,932	33,136,388	2,032,634,320
	5 Pak Gen Power Limited	RFO	348.50	-	-	-	-
	6 Southern Power	RFO	110.47	-	-	-	-
	7 Habibullah	Gas	129.15	66,617,652	264,998,356	32,462,785	297,461,141
	8 Fauji Kadirwa	Gas	151.20	95,852,000	410,050,011	69,151,674	479,201,685
	9 Rousch	Gas	395.00	211,161,077	863,700,796	56,763,149	920,463,945
	10 Saba Power	RFO	125.55	-	-	-	-
	11 Japan Power	RFO	107.00	-	-	-	-
	12 Uch	Gas	551.25	352,945,000	918,203,468	80,894,994	999,098,462
	13 Altern	Gas	27.12	20,436,630	92,968,332	13,446,301	106,414,633
	14 Liberty	Gas	211.85	84,142,100	958,231,339	26,757,188	984,988,527
	15 Davis Energen	Gas	10.00	7,456,000	41,156,445	3,679,070	44,835,515
	16 Chashma Nuclear	Nucl.	300.00	212,732,000	263,787,680	-	263,787,680
	17 Chashma Nuclear-II	Nucl.	315.00	219,250,000	246,656,250	-	246,656,250
	18 Tavanir Iran	Import	96.00	38,436,100	392,048,220	-	392,048,220
	Sub-Total:		5,888.19	2,872,116,359	19,450,326,611	854,252,692	20,304,579,303

Ans
28/10/15

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
Apr-2015

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	105,256,998	800,927,475	93,068,238	893,995,713
2	Atlas Power	RFO	213.88	123,666,752	1,058,085,119	107,494,374	1,165,579,493
3	Nishat Power	RFO	195.31	121,600,346	1,107,294,114	105,705,301	1,212,999,415
4	Foundation Power	Gas	171.48	117,015,781	457,709,504	41,622,513	499,332,017
5	Orient	Gas	212.70	13,167,489	112,306,810	2,678,267	114,985,077
6	Nishat Chunian	RFO	195.72	108,572,494	1,049,674,042	94,230,068	1,143,904,110
7	Saif Power	Gas	205.27	-	-	-	-
8	Engro Energy	HSD	212.98	85,703,501	1,157,191,155	42,808,899	1,200,000,054
9	Sapphire Power	Gas	203.17	-	-	-	-
10	Hubco Narowal	HSD	213.82	96,386,120	1,368,207,149	47,605,110	1,415,812,259
11	Liberty Power	RFO	195.14	112,469,566	1,057,094,271	92,866,113	1,149,960,384
12	Halmora	RFO	199.24	129,279,182	1,097,337,211	125,349,095	1,222,686,306
13	Uch-II	Gas	380.75	-	-	-	-
14	JDW-I	HSD	26.35	48,807,594	664,967,206	24,491,651	689,458,657
15	JDW-II	Gas	26.35	216,976,787	868,610,612	30,246,564	898,857,176
16	RYK	Bagasse	30.00	17,197,200	99,165,131	7,389,637	106,554,768
		Bagasse	26.35	17,170,650	98,935,759	7,378,228	106,313,987
		Bagasse	30.00	10,841,000	62,554,738	4,558,378	67,213,116
Sub-Total:			2,375.87	1,439,401,803	12,660,655,782	866,111,794	13,526,767,576
IPP, s Total:-			8,264.06	4,311,518,162	32,110,982,393	1,720,364,486	33,831,346,879
Others							
4	I. TPS-Quetta	Gas	25.00	7,875,000	67,725,000	542,588	68,267,588
	II. Zorku	Wind	56.40	12,687,000	-	36,568	36,568
	III. FFCEL	Wind	49.50	10,526,000	-	-	-
	IV. TFG	Wind	49.50	12,250,700	-	-	-
	V. Foundation	Wind	49.50	17,072,000	-	-	-
	VI. SPPs	Mixed	256.90	71,755,954	487,815,577	-	487,815,577
Others Total			486.80	132,166,654	555,540,577	579,156	556,119,733
G-Total:			20,410.92	7,341,511,904	45,450,812,506	2,051,688,272	47,502,500,779
Summary							
1	Hydel			1,472,749,036	-	158,417,479	158,417,479
2	Coal			13,119,000	59,032,876	1,667,425	60,700,301
3	HSD			371,196,658	5,144,157,349	166,295,984	5,310,492,332
4	F.O.			2,880,219,210	28,417,823,835	1,138,165,495	29,555,989,331
5	Gas			1,964,309,396	10,178,795,090	567,679,079	10,746,474,169
6	Nuclear			431,982,000	610,443,930	-	610,443,930
7	Import from Iran			38,436,100	392,048,220	-	392,048,220
8	Wind Power			52,535,700	-	36,568	36,568
9	Bagasse			45,208,850	260,655,628	19,426,243	280,081,871
10	Mixed			71,755,954	487,815,577	-	487,815,577
Total For The month				7,341,511,904	45,450,812,506	2,051,688,272	47,502,500,779
Prev. Adjustment				-	(157,259,077)	80,322,314	-76,936,763
Grand Total:				7,341,511,904	45,293,553,430	2,132,010,586	47,425,564,016

Energy Sale Price

Energy Cost (Rs.)	45,293,553,430	2,132,010,586	47,425,564,016
Cost not chargeable to DISCOs (Rs.)	66,872,096		66,872,096
EPP (Chargeable) (Rs.)	45,237,681,334	2,132,010,586	47,369,691,920
Energy Sold (KWh)	7,178,073,394	7,178,073,394	7,178,073,394
Avg. Rate (Rs./KWh)	6.302204	0.297017	6.599221

Ans
28/04/15

April-15

S.No	IPPs	Block	Fuel	Dep Capacity (MW)	Energy (KWH)	Energy Payment Price (EPP)								
						Curr. Month EPP (Rs.)			Prev. Adjustment FCC	Prev. Adjustment VO&M	Fuel Differential	Suppl. Total (Rs.)	Total EPP (Rs.)	
						FCC	VO&M	Total:						
1	KAPCO	B-I	RFO	1,345.00	219,246,500	1,847,021,511	113,790,995	1,960,812,506	(18,514,125)		146,788,910	146,788,910	2,089,087,292	
			Gas		8,854,100	83,068,996	4,595,361	87,664,357	(747,679)	-	-	86,916,678		
			HSD		1,319,400	15,944,315	684,781	16,629,096	(111,416)	-	-	16,517,680		
		B-II	RFO		313,862,100	2,954,367,644	162,897,380	3,117,265,024	(26,503,876)		210,135,513	210,135,513	3,300,896,661	
			Gas		114,267,200	1,183,724,088	59,305,751	1,243,029,839	(9,649,218)		-	-	1,233,380,621	
			HSD		0	-	-	-	-		-	-	-	
		B-III	Gas		88,808,000	976,675,453	46,092,187	1,022,767,640	(7,499,332)		-	-	1,015,268,308	
			HSD		23,479,700	337,292,038	12,186,185	349,478,223	(1,982,728)		-	-	347,495,495	
KAPCO Total:-					1,345.00	769,837,000	7,398,094,045	399,552,640	7,797,646,685	-65,008,373		356,924,423	356,924,423	8,089,562,735
2	HUBCO		RFO	1,200.00	514,180,200	4,950,113,828	93,910,124	5,044,023,952	-	-	-	-	5,044,023,952	
3	KEL		RFO	124.00	77,527,000	650,819,909	44,498,379	695,318,288	-	-	-	-	695,318,288	
4	AES LALPIR		RFO	347.30	201,543,600	1,999,497,932	33,136,388	2,032,634,320	-	-	-	-	2,032,634,320	
5	AES PAKGEN		RFO	348.60	0	-	-	-	-	-	-	-	-	
6	SEPCOL		RFO	110.17	0	-	-	-	-	-	-	-	-	
7	HCPC		Gas	129.16	66,617,652	284,998,356	32,462,785	297,461,141	(8,042)	-	-	-	297,453,099	
8	FKPCL		Gas	151.00	95,852,000	410,050,011	69,151,674	479,201,685	(68,927,725)	-	-	-	410,273,960	
9	ROUSCH		Gas	395.00	211,161,077	863,700,796	56,763,149	920,463,945	(18,083)	-	-	-	920,445,862	
10	SABA		RFO	125.55	0	-	-	-	-	-	-	-	-	
11	JAPAN		RFO	107.00	0	-	-	-	-	-	-	-	-	
12	UCH		Gas	551.25	352,945,000	918,203,468	80,894,994	999,098,462	-	-	-	-	999,098,462	
13	ALTERN		Gas	26.40	20,436,630	92,968,332	13,446,301	106,414,633	(7,832)	-	-	-	106,406,801	
14	LIBERTY		Gas	211.85	84,142,100	958,231,339	26,757,188	984,988,527	-	-	-	-	984,988,527	
15	Davis Energon		Gas	9.50	7,456,000	41,156,445	3,679,070	44,835,515	-	-	-	-	44,835,515	
16	CHASNUPP		Nucl.	300.00	212,732,000	263,787,680	-	263,787,680	-	-	-	-	263,787,680	
17	CHASNUPP-II		Nucl.	315.00	219,250,000	246,656,250	-	246,656,250	-	-	-	-	246,656,250	
18	IRAN		RFO	96.00	38,436,100	392,048,220	-	392,048,220	-	-	-	-	392,048,220	
Sub Total				-	5,892.77	2,872,116,359	19,450,326,611	854,252,692	20,304,579,303	(133,970,055)	-	356,924,423	356,924,423	20,527,533,671
1	Attock Gen		RFO	156.18	105,256,998	800,927,475	93,068,238	893,995,713	0	(0)	-	-	893,995,713	
2	Atlas Power		RFO	213.86	123,556,752	1,058,085,119	107,494,374	1,165,579,493	7,738	-	-	-	1,165,587,231	
3	Nishat Power		RFO	195.31	121,500,346	1,107,294,114	105,705,301	1,212,999,415	(121,476)	-	-	-	1,212,877,939	
4	Foundation Power		Gas	171.48	117,015,781	457,709,504	41,622,513	499,332,017	(530,165)	(46,382)	-	-	498,755,470	
5	Orient	Gas	212.70	13,167,489	112,306,810	2,678,267	114,985,077	-	-	(36)	-	-	114,985,041	
		HSD		115,500,343	1,600,595,486	38,519,358	1,639,114,844	22,419,501	(6,036)	-	-	1,661,528,309		
6	Nishat Chunian		RFO	195.72	108,572,494	1,049,674,042	94,230,068	1,143,904,110	(129,321)	-	-	-	1,143,774,789	
7	Salf Power	Gas	205.27	0	-	-	-	-	(0)	-	-	-	(0)	
		HSD		85,703,501	1,157,191,155	42,808,899	1,200,000,054	(31,873,468)	-	-	1,168,126,586			
8	Engro Energy		Gas	212.98	0	-	-	-	(3,294)	3	-	-	(3,291)	
9	Sapphire Power Ltd	HSD	203.17	-	-	-	-	-	-	-	-	-	-	
		Gas		-	-	-	-	(48)	-	-	-	(48)		
		HSD		96,386,120	1,368,207,149	47,605,110	1,415,812,259	(57,382,782)	-	-	1,358,429,477			
		RFO		213.82	112,469,566	1,057,094,271	92,866,113	1,149,960,384	(1,834,207)	(8)	-	1,148,126,169		
11	Liberty Power		RFO	196.14	129,279,182	1,097,337,211	125,349,095	1,222,686,306	(12,516)	(0)	-	-	1,222,673,790	
12	Halmore	Gas	199.24	-	-	-	-	-	-	-	-	-	-	
		HSD		48,807,594	664,967,206	24,491,651	689,458,857	(1,048,267)	(0)	-	-	688,410,590		
13	Uch-II		Gas	375.20	216,976,787	868,610,612	30,246,564	898,857,176	(288,977,359)	-	-	-	609,879,817	
14	JDW-I		Bagasse	26.60	17,197,200	99,165,131	7,389,637	106,554,768	-	-	-	-	106,554,768	
15	JDW-III		Bagasse	26.60	17,170,650	98,935,759	7,378,228	106,313,987	-	-	-	-	106,313,987	
16	RYK		Bagasse	30.00	10,841,000	62,554,738	4,658,378	67,213,116	(375,064)	-	-	-	66,838,053	
Sub Total				-	2,834.27	1,439,401,803	12,660,655,782	866,111,794	13,526,767,576	(359,860,728)	(52,460)	-	-	13,166,854,388
G-Total				-	9,727.03	4,311,518,162	32,110,982,393	1,720,364,486	33,831,346,879	(1,028,830,783)	(52,460)	356,924,423	356,924,423	33,694,388,069

Ans
- 2/1/15

Supplemental EPP charges under PPA's			
			Apr-15
S.No.	Generators	Description	Amount (Million Rs.)
1	Hydel		-
2	GENCOS		-
3	IPPs	Fuel Differential	356.92
		Sub-Total:-	356.92
		Total (1 + 2 + 3)	356.92

Ans
28/6/15

Detail of Energy Received From Nandipur 425 MW

Month	Energy Generated (KWh)			Cost Involved (Rs.)				
	HSD	RFO	Total	FCC			VO&M	Gross Total
				HSD FCC	RFO FCC	Total		
	(1)	(2)	(3=1+2)	(3)	(4)	(5=3+4)	(6)	(7=5+6)
May-14	3,068,000	-	3,068,000	99,374,668	-	99,374,668	2,170,308	101,544,971
Jun-14	10,731,000	-	10,731,000	346,363,414	-	346,363,414	7,591,109	353,954,523
Jul-14	19,562,000	-	19,562,000	631,335,908	-	631,335,908	13,838,159	645,174,067
Aug-14	4,872,000	-	4,872,000	157,236,492	-	157,236,492	3,446,453	160,682,945
Sep-14	181,000	-	181,000	5,841,504	-	5,841,504	128,039	5,969,543
Oct-14	171,906	-	171,906	5,548,008	-	5,548,008	121,606	5,669,614
Nov-14	-	5,070,000	5,070,000	-	102,299,925	102,299,925	3,586,518	105,886,443
Dec-14	279,576	38,762,424	39,042,000	9,022,896	797,212,919	806,235,815	27,618,311	833,854,126
Jan-15	106,624	10,337,376	10,444,000	3,441,130	225,444,732	228,885,862	7,388,086	236,273,948
Total:-	38,972,106	54,169,800	93,141,906	1,258,164,020	1,124,957,576	2,383,121,596	65,888,584	2,449,010,180
Feb-15	431,697	16,065,213	16,496,910	11,996,083	192,043,556	204,039,639	11,669,814	215,709,553
Mar-15	110,022	36,361,978	36,472,000	3,008,812	480,737,899	483,746,711	25,800,293	509,547,004
G-Total:-	39,513,825	106,596,991	146,110,816	1,273,168,915	1,797,739,031	3,070,907,946	103,358,791	3,174,266,737

Reconciliation

Description	FCC	VO&M	Total
Already Charged			

January-15 (May-14 To Jan-15)	2,602,801,664	0	2,602,801,664
Feb-15	138,409,075	6,763,733	145,172,808
Mar-15	353,413,680	14,953,520	368,367,200

A. Total Rs.:-	3,094,624,419	21,717,253	3,116,341,672
Generator's			
B. Invoiced Amount	3,070,907,946	103,358,791	3,174,266,737
May-14 To Mar-15			
C=B-A Diff. upto Mar-15 charged in Apr, 15	(23,716,473)	81,641,538	57,925,065

Ans
28/05/15

MOST IMMEDIATE

No. 5-PF/02/2013-Subsidy.
Government of Pakistan
Ministry of Water and Power

Islamabad, the 21st May, 2015.

The Registrar, NEPRA,
NEPRA Building, G-5,
Islamabad

Subject: **POLICY GUIDELINES UNDER SECTION 31(4) OF THE NEPRA ACT, 1997 WITH REGARD TO FUEL CHARGE ADJUSTMENTS AND SUBSIDY RATIONALIZATION OF EX-WAPDA DISTRIBUTION COMPANIES**

I am directed to say that the National Power Policy, 2013 (Policy), duly approved by the Council of Common Interests vide decision No. 1/3/2013 dated 31st July 2013, inter alia, stipulates that:

- i. Low end consumers will be protected from any price escalation;
 - ii. To the extent possible, tariff rationalization will be done in order to eliminate subsidy within the industrial, commercial and bulk consumers; and
 - iii. A level playing field will be created by providing power at comparable prices to all industrial users.
2. Accordingly, a subsidy is provided to domestic consumers consuming up to 300 units and also to agriculture consumers where a flat rate is applied to them. Out of the total bulk of subsidy, more than 85% subsidy is provided to domestic consumers.
3. In terms of section 31(4) of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (the NEPRA Act), the tariff determined by NEPRA is subject to a monthly adjustments on account to changes in the fuel charge component of the NEPRA determined tariff (FCA). Over the past few months, this adjustment has been negative on account of lowered oil prices.
4. As a result for example, the domestic category consuming up to 100 units will actually pay less than life line consumers resulting in a benefit being passed onto a category which is already benefitting from a benefit subsidy (in addition to cross subsidy built in by NEPRA in tariff) being given to domestic consumers having consumption of up to 300 units.

ADG (17)
22/5

o/c

-2-

5. Accordingly, in order to maintain the benefit to the relevant consumer categories, while at the same time saving the amount being given in subsidies, the ECC of the Cabinet has been pleased to approve the issuance of the following Policy Guidelines under section 31(4) of NEPRA Act on 21.5.2015, i.e. that:

"Any negative adjustment on account of monthly FCA will not be passed on to the Domestic consumers who have subsidized electricity tariff."

6. Consequently, these guidelines are hereby issued to NEPRA for further necessary action accordingly. It may be noted that earlier, the Federal Government has also issued similar guidelines with respect to Agricultural tube wells consumers, which are presently being implemented by NEPRA.

S. Mateen
(Syed Mateen Bukhari)
Section Officer (T)

Copy to:-

1. P.S. to Minister for Water and Power. *22/5/15*
2. SPS to Secretary, M/o Water and Power. *22/5*
3. P.S. to A.S. (II), M/o Water and Power.
4. APS to J.S. (PF), M/o Water and Power. *22-5-15*