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National Transmission & Dispatch Company Limited

Chief Operating Officer
Central Power Purchasing Agency

No. COO/CPPA/IT/8606

12th September, 2014

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

Subject: - ENERGY PURCHASE DATA FOR THE MONTH OF AUGUST-2014

Monthly Energy Purchase Data for August-2014 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.

Kindly let us know, in case any further clarification/information is desired.

D.A. (As Above)

for information v/c R.

SAT-1
mf

General Manager
(CPPA)

- 17/9/14

cc: v/c/m (LCC)
- m (CT)
- m (CA)
- m (MCE)

Registrar 7630
By No.....
Dated 17-09-14

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
Aug/2014

S.No.	Power Producer	Fuel	Dep. Capacity (MW)	Energy KWh	FCC Rs.	VO&M Rs.	Total Energy Cost (Rs.)
1	Hydel						
i.	WAPDA	Hydel	6,755.00	4,191,827,886	-	388,040,057	388,040,057
ii.	Jagran	Hydel	30.00	16,881,800	-	33,889,477	33,889,477
iii.	Pahure	Hydel	17.90	6,726,240	-	1,916,978	1,916,978
iv.	Maitland-R SHYDO	Hydel	81.46	44,160,000	-	11,040,000	11,040,000
v.	Larab	Hydel	84.00	23,362,000	-	4,084,286	4,084,286
	Hydel Total:		6,968.36	4,282,927,726	-	418,770,777	418,770,777
2	Ex-WAPDA GENCOs						
	GENCO-I						
	Jamshoro Block 1	RFO	205.00	81,317,000	1,420,402,898	11,823,492	1,432,226,390
	Unit 1	Gas					0
	Jamshoro Block 2	RFO	470.00	161,558,637	3,351,370,078	23,480,666	3,274,860,733
	Unit 2-4	Gas		8,174,163	37,348,686	752,323	38,102,018
	Kotri 3-7	Gas	108.50	13,474,000	83,314,742	1,959,120	85,273,862
	Jamshoro Total		798.50	261,624,000	4,792,437,413	38,025,590	4,830,463,003
	GENCO-II						
	Central Block 2	Gas	390	59,793,296	600,759,253	6,186,758	606,946,011
	Guddu CC 8-10	Gas	530	42,271,984	363,613,601	2,912,540	366,526,141
	Guddu Steam 3-4	Gas	340	92,882,584	820,107,278	6,384,452	826,491,730
	Central Block 4	Gas	140	27,042,236	193,892,832	1,863,210	195,756,042
	Central Total		1,400.00	261,770,100	1,668,372,964	17,348,980	1,685,719,924
	GENCO-III						
	Northern Block 1	RFO	558.00	278,072,487	6,082,230,011	6,951,812	5,069,181,823
	Northern Block 2	RFO	270.00	120,245,310	2,178,048,196	3,006,133	2,181,054,329
	Northern Block 3	RFO	380.00	143,441,761	2,985,435,306	3,686,044	2,989,021,349
	GTPS FSD 5-8	Gas	117.00	-	-	-	0
	Northern Block 6 (SPS)	RFO	97.00	21,348,000	521,879,818	533,650	522,413,468
	SPS FSD 1-2	Gas	-	-	-	-	0
	GTPS FSD 1-4	Gas	75.00	-	-	-	0
	Northern Total		1,568.00	563,105,558	10,737,583,327	14,077,839	10,751,670,966
	GENCO-IV						
		Coal	31.20	4,699,000	21,144,560	697,243	21,741,803
	Total:		31.20	4,699,000	21,144,560	697,243	21,741,803
	GENCOs Total:-		3,797.70	1,081,096,668	17,219,548,284	70,047,431	17,289,595,695
3	PPPs						
1	Kot Addu Block 1	RFO	325	209,108,600	2,769,128,548	90,847,647	2,859,976,196
		HSD		14,863,000	291,198,108	3,743,240	294,941,346
	Kot Addu Block 2	RFO	742	439,550,200	8,392,320,452	288,808,388	8,681,128,838
		Gas		18,349,800	83,605,313	4,759,946	88,585,259
	Kot Addu Block 3	Gas	249	34,238,500	181,509,793	19,334,828	200,844,419
		HSD		-	-	-	0
	KAPCO Total		1,326.00	714,108,000	9,717,962,211	387,523,848	10,105,484,056
2	Heb Power	RFO	1,200.00	723,739,100	11,228,188,769	125,802,658	11,353,771,427
3	Kohinoor Energy	RFO	124.00	72,773,000	1,045,731,126	41,103,480	1,086,834,588
4	AES Lalpur	RFO	350.00	-	-	-	0
5	Pak Gas Power Limited	RFO	348.80	194,181,700	3,092,482,051	31,418,469	3,123,980,520
6	Southern Power	RFO	110.47	-	-	-	0
7	Habibullah	Gas	129.15	78,930,193	383,910,638	32,270,333	396,180,988
8	Fajri Kabinwala	Gas	151.20	98,376,000	448,956,419	69,871,527	518,827,046
9	Roush	Gas	395.00	280,191,279	1,146,051,317	74,110,200	1,220,161,517
10	Saba Power	RFO	125.58	8,802,549	135,980,488	1,384,154	137,364,642
11	Japan Power	RFO	107.00	-	-	-	0
12	Uch	Gas	541.25	350,593,000	897,265,393	79,048,722	976,324,115
13	Altam	Gas	27.12	20,757,490	113,681,859	13,438,399	127,099,968
14	Liberty	Gas	211.86	141,815,400	1,634,702,892	44,383,678	1,679,099,670
15	Devis Energen	Gas	10.00	6,833,000	38,289,467	3,366,972	41,835,438
16	Chashma Nuclear	Nucl.	300.00	211,203,000	261,881,720	-	261,881,720
17	Chashma Nuclear-II	Nucl.	316.00	224,723,000	252,813,375	-	252,813,375
18	Tavanir Iran	Import	96.00	43,262,090	423,968,482	-	423,968,482
	Sub-Total:		6,886.19	3,187,198,801	30,799,894,903	903,541,617	31,703,436,420

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
Aug/2014

S.No.	Power Producer	Fuel	Dep. Capacity (MW)	Energy KWh	FCC Rs.	VO&M Rs.	Total Energy Cost (Rs.)
1	Attock-Gas	RFO	199.18	113,230,379	1,517,281,801	98,714,244	1,615,996,045
2	Atlas Power	RFO	213.85	133,586,160	1,841,673,262	114,590,208	1,956,263,470
3	Mahat Power	RFO	195.31	137,069,187	1,911,363,064	117,577,949	2,028,941,013
4	Foundation Power	Gas	171.49	110,891,891	622,066,006	38,878,627	660,944,833
5	Orient	Gas	212.70	37,237,865	140,208,591	7,456,019	147,663,510
		HSD		84,644,048	1,780,421,742	27,780,177	1,788,201,919
6	Mahat Chunian	RFO	196.72	127,376,142	1,775,279,417	108,996,765	1,884,276,182
7	Self Power	Gas	205.27	29,963,412	138,100,378	10,202,542	146,302,920
		HSD		67,879,097	1,432,709,186	33,411,728	1,466,120,912
8	Engro Energy	Gas	213.65	95,090,410	388,513,783	29,430,482	427,944,265
		Gas		65,160,711	248,091,482	18,172,169	266,263,641
		HSD		59,236,945	1,243,750,640	28,796,079	1,272,545,919
10	Hubei Newcoal	RFO	213.82	134,442,365	1,887,699,201	109,637,749	1,997,336,850
11	Liberty Power	RFO	198.14	137,003,967	1,925,555,735	131,030,594	2,057,586,329
		Gas		11,296,211	51,260,811	3,864,434	65,116,245
12	Halmora	HSD	199.24	71,985,311	1,526,228,628	35,546,347	1,561,774,975
13	Uch-II	Gas	360.75	239,276,475	909,109,674	33,355,141	942,464,715
14	JDW	Bagasse	28.35	16,994,909	98,063,972	7,302,709	105,368,681
15	Nandipur	HSD	428.00	4,872,000			
Sub-Total:			2,376.45	1,667,327,296	19,326,267,474	854,740,949	20,261,006,423
EPP's Total:			8,264.64	4,834,526,067	60,126,162,377	1,858,282,486	61,984,444,843
4	Others						
	I. TPS-Quetta	Gas	25.00	15,472,000	133,059,200	1,096,021	134,125,221
	II. Zorku	Wind	56.40	20,410,000	41,707	90,195	131,902
	III. FPCEL	Wind	49.50	16,795,000	41,738	-	41,738
	iv. SPPs	Mixed	256.90	89,494,330	656,867,112	-	656,867,112
Others Total:			387.80	142,161,330	890,009,767	1,186,216	891,186,873
G-Total:			19,418.50	10,340,713,781	68,336,720,397	2,348,256,891	70,683,977,268
Summary							
1	Hydel			4,262,627,726	-	418,770,777	418,770,777
2	Coal			4,699,009	21,144,560	597,243	21,741,803
3	HSD			303,580,401	6,254,308,501	129,276,869	6,383,565,069
4	F.O.			3,236,862,844	60,833,010,216	1,289,103,088	62,222,113,265
5	Gas			1,889,981,899	9,233,569,015	503,116,329	9,736,665,346
6	Nuclear			435,926,000	614,708,095	-	614,708,095
7	Import from Iran			43,262,090	423,968,482	-	423,968,482
8	Wind Power			37,206,000	83,446	90,195	173,840
9	Mixed			106,479,230	954,931,083	7,302,709	962,233,792
Total For The month				10,340,713,781	68,336,720,397	2,348,256,891	70,683,977,268
Prev. Adjustment:				-	1,111,899,683	(5)	1,111,899,588
Grand Total:				10,340,713,781	69,447,819,991	2,348,256,886	71,795,676,677

Energy Sale Price

Energy Cost (Rs.)	69,447,819,991	2,348,256,886	71,795,676,677
Cost not chargeable to DISCOs (Rs.)	43,079,119		43,079,119
EPP (Chargeable) (Rs.)	69,404,840,872	2,348,256,886	71,752,797,758
Energy Sold (KWh)	10,234,941,907	10,234,941,907	10,234,941,907
Avg. Sale (Rs./KWh)	6.781137	0.230735	7.010872

Supplemental EPP charges under PPA's			
Aug/14			
S.No.	Generators	Description	Amount (Million Rs.)
1	Hydel		-
2	GENCOS		-
3	IPPs	PLAC	32.01
		Open Cycle	0.28
		Bonus	73.75
		Fuel Differential	966.91
		E-Duty	29.24
		Sub-Total:-	1,102.19
		Total (1 + 2 + 3)	1,102.19

August-14

August-14																			
S. No	IPPs	Block	Fuel	Dep Capacity (MW)	Energy (KWH)	Energy Payment Price (EPP)													
						Curr. Month EPP (Rs.)			GST	Prev. Adjustment FCC (Rs.)	Prev. Adjustment VOM (Rs.)	Prev. GST Adjustment (Rs.)	Start-Up	Open Cycle	Bonus	Fuel Differential	E. Duty	Suppl. Total (Rs.)	Total EPP (Rs.)
						FCC	VOM	Total											
1	KAPCO	B-I	RFO	1,345.00	200,106,500	2,769,128,348	90,847,847	2,859,976,195	486,185,853	(7,083,687)	-	166,821	-	82,924	-	304,717,658	-	314,173,183	3,167,056,281
			Gas		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			HSD		14,863,086	281,196,105	3,743,246	284,941,345	56,140,029	(804,167)	-	10,888	-	6,801	-	21,666,968	-	22,338,594	318,768,172
			RFO		436,550,200	8,392,320,452	288,808,386	8,681,128,838	1,132,391,902	(14,909,851)	-	316,481	-	174,819	-	640,828,666	-	660,484,567	7,308,623,444
		B-II	Gas		16,349,800	63,605,313	4,789,944	68,595,259	13,061,194	(584,699)	-	11,788	-	6,492	-	-	-	739,317	69,779,875
			HSD		0	-	-	-	0	-	-	-	-	-	-	-	-	-	-
			Gas		34,238,500	181,808,793	19,334,628	200,844,419	34,143,531	(1,161,402)	-	24,648	-	12,884	-	-	-	1,548,821	201,231,238
			HSD		0	-	-	-	0	-	-	-	-	-	-	-	-	-	-
KAPCO Total:-				1,345.00	714,108,000	9,717,962,211	367,623,846	10,106,486,056	1,717,832,630	-24,223,287	-	614,096	-	283,838	-	966,968,232	-	999,196,272	11,080,450,121
2	HUBCO		RFO	1,200.00	723,739,100	11,228,168,769	125,682,666	11,353,771,427	1,030,141,126	-	-	-	-	-	-	-	-	11,353,771,427	
3	KEL		RFO	124.00	72,773,000	1,045,731,125	41,183,460	1,086,914,585	184,761,879	(20,976)	-	(3,688)	-	-	-	7,768,798	-	7,768,798	1,094,683,400
4	AES LALPIR		RFO	347.30	0	-	-	-	0	5,183	-	883	-	-	-	16,142,642	-	16,142,642	16,142,736
5	AES PAKGEN		RFO	348.50	194,181,700	3,092,562,051	31,418,489	3,123,980,539	531,078,888	8,481	-	933	-	-	-	17,512,887	-	17,512,887	3,141,493,426
6	SEPCOL		RFO	110.17	0	-	-	-	0	-	-	-	-	-	-	-	-	-	-
7	HCPC		Gas	128.15	75,930,183	263,918,626	32,279,333	296,188,958	67,350,765	(19,888)	-	(2,064)	-	-	-	822,222	-	-	296,981,119
8	FKPCL		Gas	151.00	98,378,000	448,966,419	65,871,627	514,838,046	87,860,586	115,108,080	-	19,568,373	-	-	-	5,886,822	-	-	637,891,946
9	ROUSCH		Gas	395.00	280,191,278	1,148,051,317	74,310,200	1,222,361,517	207,427,458	(34,016)	-	(5,742)	-	-	-	-	-	-	1,222,377,502
10	SABA		RFO	125.55	8,802,548	138,580,488	1,384,184	137,344,842	23,351,989	(713,038)	-	(121,215)	-	-	-	-	-	-	136,651,612
11	JAPAN		RFO	107.00	0	-	-	-	0	-	-	-	-	-	-	-	-	-	-
12	UCH		Gas	551.25	350,593,000	897,265,383	79,854,722	976,324,118	165,075,100	(36,496)	-	(6,204)	-	-	-	24,008,825	-	29,242,150	1,029,536,898
13	ALTERN		Gas	28.40	20,737,490	113,641,569	13,438,369	127,079,938	21,808,093	(402,462)	-	(68,418)	-	-	-	-	-	-	126,677,466
14	LIBERTY		Gas	211.85	141,815,400	1,634,762,882	44,393,678	1,679,096,570	285,445,417	(871,167)	-	(148,097)	-	-	-	1,580,468	-	1,580,468	1,679,775,873
15	Davis Engron		Gas	9.60	6,933,000	38,268,467	3,868,972	41,636,439	7,078,024	9,936,647	-	1,796,292	-	-	-	-	-	-	51,671,086
16	CHASNUPP		Nucl.	300.00	211,303,000	261,891,729	-	261,891,729	44,342,070	(22,924,310)	-	-	-	-	-	-	-	-	238,967,419
17	CHASNUPP-II		Nucl.	315.00	224,728,000	252,813,375	-	252,813,375	42,787,266	(25,425,431)	-	-	-	-	-	-	-	-	228,387,944
18	IRAN		RFO	98.00	43,282,000	423,968,482	-	423,968,482	0	-	-	-	-	-	-	-	-	-	423,968,482
Sub Total				5,892.77	3,187,188,801	24,799,884,883	963,641,817	21,783,436,420	5,317,138,984	48,387,849	-	75,825,518	-	283,530	-	966,968,232	29,242,150	1,102,187,970	32,895,612,239
1	Attock Gen		RFO	158.18	113,230,379	1,517,281,881	98,714,244	1,615,996,045	274,719,328	-	-	-	-	-	-	-	-	-	1,615,996,045
2	Atlas Power		RFO	213.86	133,506,180	1,841,873,282	114,699,288	1,956,572,570	332,547,790	(1,855)	-	-	-	-	-	-	-	-	1,956,570,715
3	Nisbat Power		RFO	195.31	137,009,187	1,911,263,964	117,577,943	2,028,841,913	344,919,972	(87,200)	-	-	-	-	-	-	-	-	2,028,843,813
4	Foundation Power		Gas	171.48	110,891,891	822,068,886	38,878,827	860,947,713	95,380,588	(10)	-	-	-	-	-	-	-	-	860,947,713
5	Orient		Gas	212.70	37,237,855	146,308,581	7,456,019	153,764,600	26,102,814	(72)	-	-	-	-	-	-	-	-	153,764,528
6	Nisbat Chunian		RFO	195.72	127,376,142	1,776,279,417	108,955,785	1,885,235,202	320,320,781	(1,967,899)	-	(1)	-	-	-	-	-	-	1,885,233,235
7	Saif Power		Gas	206.27	29,983,412	136,108,376	10,202,542	146,310,918	24,671,486	(18)	-	-	-	-	-	-	-	-	146,310,898
8	Engro Energy		Gas	213.56	95,090,410	396,513,783	28,438,482	424,952,265	72,750,825	(1,856)	-	-	-	-	-	-	-	-	424,950,409
			HSD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Sapphire Power Ltd		Gas	203.17	55,189,711	246,891,482	18,172,188	265,063,671	46,264,919	(89)	-	-	-	-	-	-	-	-	265,063,582
			HSD	-	59,236,945	1,243,758,640	28,796,979	1,272,545,619	216,332,803	(1,940)	-	-	-	-	-	-	-	-	1,272,543,679
10	HUBCO-Narowal		RFO	213.82	134,442,365	1,887,599,201	109,537,749	1,997,136,950	339,547,282	(1,940)	-	-	-	-	-	-	-	-	1,997,134,825
11	Liberty Power		RFO	196.14	137,003,957	1,928,566,736	121,038,394	2,049,605,130	340,789,878	(89,000)	-	-	-	-	-	-	-	-	2,049,604,229
12	Halmore		Gas	199.24	11,296,211	61,259,811	3,864,434	65,124,245	9,368,582	(10)	-	-	-	-	-	-	-	-	65,116,244
			HSD	-	71,886,311	1,626,328,628	38,648,347	1,664,976,975	288,881,748	(2,453,886)	-	(2)	-	-	-	-	-	-	1,662,523,089
13	Uch-II		Gas	375.20	229,278,476	989,109,674	33,365,141	1,022,443,815	168,218,802	(2)	-	-	-	-	-	-	-	-	1,022,441,803
14	JOW		Gas	26.60	16,394,980	98,083,972	7,382,708	105,466,680	17,812,336	(78)	-	-	-	-	-	-	-	-	105,466,602
Sub Total				2,778.25	1,662,488,286	19,328,267,474	964,749,940	20,293,017,414	3,447,771,432	(26,099,841)	-	(5)	-	-	-	-	-	-	20,293,011,817
G-Total				8,671.01	4,849,654,067	50,126,162,377	1,958,292,466	51,984,444,843	6,764,910,426	22,288,088	(5)	78,828,808	-	283,530	-	966,968,232	29,242,150	1,102,187,970	53,109,920,818