



National Transmission & Dispatch Company Limited

Chief Operating Officer
Central Power Purchasing Agency

No. COO/CPPA/10268

13th November, 2014

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

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

Monthly Energy Purchase Data for October-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.

For information & w/h fl.

D.A. (As Above)

— SAT-I
Gp 10

Q — SA (Tech)
19/11 m/P

SAN (T-I)

18.11.14

cc: vc/m(LC)

m(T)

m(CPPA)

M(M&E)

General Manager
(CPPA)

Senior Advisor Tariff-I

Dy No: 7920
Date: 18-11-14

Registrar 9568

Dy No: 18-11-14
Date: 18-11-14

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
Oct/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	6,902.00	3,112,058,983	-	363,223,964	363,223,964
ii.	Jagran	Hydel	30.00	4,255,380	-	8,502,249	8,502,249
iii.	Pehure	Hydel	17.90	5,349,600	-	1,524,636	1,524,636
iv.	Malakand-III SHYDO	Hydel	81.46	35,849,000	-	8,962,250	8,962,250
v.	Laraib	Hydel	84.00	45,328,000	-	7,927,867	7,927,867
	Hydel Total:		7,115.36	3,202,840,963	-	390,140,966	390,140,966
2	Ex-WAPDA GENCOs						
	GENCO-I						
	Jamshoro Block 1	RFO	205.00	90,803,000	1,683,952,912	8,399,278	1,692,352,190
i.	Jamshoro Block 2	RFO	470.00	88,568,000	1,860,962,792	8,192,540	1,869,155,332
	Kotri 3-7	Gas	106.50	1,232,000	7,418,734	113,960	7,532,694
	Jamshoro Total		798.50	180,603,000	3,552,334,438	16,705,778	3,569,040,216
	GENCO-II						
	Central Block 2	Gas	390	213,988,660	1,193,371,959	14,743,819	1,208,115,778
ii.	Guddu CC 5-10	Gas	530	2,349,591	19,654,799	161,887	19,816,686
	Guddu Steam 3-4	Gas	340	36,371,907	243,404,439	2,506,024	245,910,463
	Central Block 4	Gas	140	25,877,542	185,541,976	1,782,963	187,324,939
	Central Total		1,400.00	278,587,700	1,641,973,173	19,194,693	1,661,167,866
	GENCO-III						
	Northern Block 1	RFO	558.00	176,506,856	3,325,672,954	4,412,671	3,330,085,625
	Northern Block 2	RFO	270.00	36,498,014	716,444,590	912,450	717,357,041
	Northern Block 3	RFO	360.00	79,472,321	1,707,205,216	1,986,808	1,709,192,024
	Northern Block 5 (SPS)	RFO	97.00	-	-	-	0
	Northern Total:		1,568.00	292,477,191	5,749,322,760	7,311,930	5,756,634,690
	GENCO-IV						
		Coal	31.20	124,000	557,975	15,760	573,735
	Total:		31.20	124,000	557,975	15,760	573,735
	GENCOs Total:-		3,797.70	751,791,891	10,944,188,346	43,228,160	10,987,416,506
3	IPPs						
1	Kot Addu Block 1	RFO	325	234,021,100	3,180,732,640	101,671,963	3,282,404,603
	Kot Addu Block 2	RFO	762	357,798,900	5,359,683,892	218,813,080	5,578,496,972
	KAPCO Total		1,336.00	591,820,000	8,540,416,532	320,485,043	8,860,901,575
2	Hub Power	RFO	1,200.00	590,290,200	9,375,954,518	102,443,011	9,478,397,529
3	Kohinoor Energy	RFO	124.00	82,949,000	1,190,348,212	46,851,043	1,237,199,255
4	AES Lalpir	RFO	350.00	163,757,300	2,530,644,396	26,494,457	2,557,138,853
5	Pak Gen Power Limited	RFO	348.60	110,016,600	1,842,222,356	17,799,696	1,860,022,052
6	Southern Power	RFO	110.47	-	-	-	0
7	Habibullah	Gas	129.15	57,786,381	229,868,447	24,559,210	254,427,657
8	Fauji Kabirwala	Gas	151.20	88,468,000	310,026,987	62,806,353	372,833,340
9	Rousch	Gas	395.00	287,029,879	1,174,022,877	75,919,181	1,249,942,058
10	Saba Power	RFO	125.55	-	-	-	0
11	Japan Power	RFO	107.00	-	-	-	0
12	Uch	Gas	551.25	167,778,000	391,692,564	146,094,929	537,787,493
13	Altern	Gas	27.12	11,524,060	52,676,135	7,460,676	60,136,811
14	Liberty	Gas	211.85	77,184,900	994,286,120	24,151,013	1,018,437,133
15	Davis Energen	Gas	10.00	7,825,000	43,193,218	3,799,038	46,992,256
16	Chashma Nuclear	Nucl.	300.00	211,638,000	262,431,120	-	262,431,120
17	Chashma Nuclear-II	Nucl.	315.00	191,782,000	215,754,750	-	215,754,750
18	Tavanir Iran	Import	96.00	40,751,400	403,438,860	-	403,438,860
	Sub-Total:		5,888.19	2,680,600,720	27,556,977,092	858,863,650	28,415,840,742

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

S.No.	Power Producer	Fuel	Dep. Capacity (MW)	Energy KWh	FCC Rs.	VO&M Rs.	Total Energy Cost (Rs.)
1	Attock-Gen	RFO	155.18	109,106,941	1,425,870,998	98,599,943	1,525,470,941
2	Atlas Power	RFO	213.86	123,150,384	1,708,715,687	109,505,321	1,818,221,008
3	Nishat Power	RFO	195.31	131,666,529	1,858,758,695	117,077,878	1,985,836,573
4	Foundation Power	Gas	171.48	124,952,645	490,402,446	45,445,277	535,847,723
5	Orient	Gas	212.70	-	-	-	-
		HSD		72,503,529	1,460,178,019	24,738,204	1,484,916,223
6	Nishat Chunian	RFO	195.72	131,406,416	1,843,287,375	116,570,632	1,959,858,007
7	Saif Power	Gas	205.27	-	-	-	-
		HSD		51,033,953	1,047,606,291	26,083,453	1,073,689,744
8	Engro Energy	Gas	212.98	121,277,361	507,772,558	38,917,905	546,690,463
9	Saphire Power	Gas	203.17	-	-	-	-
		HSD		64,052,077	1,308,088,054	32,371,923	1,340,459,977
10	Hubco Narowal	RFO	213.82	139,249,183	1,956,388,342	117,414,912	2,073,803,254
11	Liberty Power	RFO	196.14	135,347,543	1,911,826,096	134,102,346	2,045,928,442
12	Halmore	Gas	199.24	-	-	-	-
		HSD		57,893,979	1,168,795,610	29,728,558	1,198,524,168
13	Uch-II	Gas	380.75	222,856,663	858,227,601	31,066,219	889,293,820
14	JDW-I	Bagasse	26.35	9,772,700	139,377,104	10,379,249	149,756,353
15	JDW-III	Bagasse	26.35	14,381,940	82,986,670	6,179,920	89,166,590
16	Nandipur	HSD	425.00	-	-	-	-
Sub-Total:			2,375.87	1,508,651,843	17,779,281,548	938,181,738	18,717,463,286
IPP,s Total:-			8,264.06	4,189,252,563	45,336,258,640	1,797,045,388	47,133,304,028
4	Others						
	i. TPS-Quetta	Gas	25.00	16,296,000	140,145,600	1,122,794	141,268,394
	ii. Zorlu	Wind	56.40	6,627,000	-	22,439	22,439
	iii. FFCEL	Wind	49.50	4,780,000	-	-	-
	iv. SPPs	Mixed	256.90	93,929,174	936,156,938	-	936,156,938
Others Total			387.80	121,632,174	1,076,302,538	1,145,233	1,077,447,771
G-Total:			19,564.92	8,265,517,591	57,356,749,525	2,231,559,747	59,588,309,272
Summary							
1	Hydel			3,202,840,963	-	390,140,966	390,140,966
2	Coal			124,000	557,975	15,760	573,735
3	HSD			245,483,538	4,984,667,974	112,922,138	5,097,590,112
4	F.O.			2,780,608,287	43,489,671,673	1,231,248,028	44,720,919,701
5	Gas			1,462,798,589	6,841,706,460	480,651,248	7,322,357,708
6	Nuclear			403,420,000	478,185,870	-	478,185,870
7	Import from Iran			40,751,400	403,438,860	-	403,438,860
8	Wind Power			11,407,000	-	22,439	22,439
9	Mixed			118,083,814	1,158,520,713	16,559,168	1,175,079,881
Total For The month				8,265,517,591	57,356,749,525	2,231,559,747	59,588,309,272
Prev. Adjustment				-	361,093,091	1,386,705	362,479,796
Grand Total:				8,265,517,591	57,717,842,616	2,232,946,452	59,950,789,067

Energy Sale Price

Energy Cost (Rs.)	57,717,842,616	2,232,946,452	59,950,789,067
Cost not chargeable to DISCOs (Rs.)	124,456,711		124,456,711
EPP (Chargeable) (Rs.)	57,593,385,905	2,232,946,452	59,826,332,356
Energy Sold (KWh)	8,123,716,702	8,123,716,702	8,123,716,702
Avg. Rate (Rs./KWh)	7.089536	0.274868	7.364404

Supplemental EPP charges under PPA's			
			Oct/14
S.No.	Generators	Description	Amount (Million Rs.)
1	Hydel		-
2	GENCOS		-
3	IPPs	Start-Up	6.72
		PLAC	45.91
		Open Cycle	3.67
		Fuel Differential	751.42
		E-Duty	27.12
		Sub-Total:-	834.83
		Total (1 + 2 + 3)	834.83

S. No	IPPs	Block	Fuel	Dep Capacity (MW)	Energy (KWH)	Curr. Month EPP (Rs.)			GST	Prev. Adjustment FCC (Rs.)	Prev. Adjustment VO&M (Rs.)	Prev. GST Adjustment (Rs.)	Open Cycle	Bonus	Fuel Differential	E. Duty	Suppl. Total (Rs.)	Total EPP (Rs.)	
						FCC	VO&M	Total:											
1	KAPCO	B-I	RFO	1,345.00	234,021,100	3,180,732,640	101,671,963	3,282,404,603	558,008,783	(7,093,557)		(870)	1,450,948	-	308,615,415	-	312,695,252	3,588,006,298	
			Gas		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			HSD		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		B-II	RFO		357,798,900	5,359,683,892	218,813,080	5,578,496,972	948,344,485	(10,845,462)		(1,329)	2,218,379	-	471,847,435	-	478,085,170	6,045,736,680	
			Gas		0	-	-	-	0	-	-	-	-	-	-	-	-	-	
			HSD		0	-	-	-	0	-	-	-	-	-	-	-	-	-	
		B-III	Gas		0	-	-	-	0	-	-	-	-	-	-	-	-	-	
			HSD		0	-	-	-	0	-	-	-	-	-	-	-	-	-	
KAPCO Total:-					1,345.00	591,820,000	8,540,416,532	320,485,043	8,860,901,575	1,506,353,268	-17,939,019		(2,199)	3,669,327	-	780,462,850	-	790,780,422	9,633,742,978
2	HUBCO		RFO	1,200.00	590,290,200	9,375,954,518	102,443,011	9,478,397,529	1,611,327,565		-	-	-	-	-	-	45,978,752	9,524,376,281	
3	KEL		RFO	124.00	82,949,000	1,190,348,212	46,851,043	1,237,199,255	210,323,873		-	-	-	-	-	-	-	1,237,199,255	
4	AES LALPIR		RFO	347.30	163,757,300	2,530,644,396	26,494,457	2,557,138,853	434,713,605		-	-	-	-	-	-	-	2,557,138,853	
5	AES PAKGEN		RFO	348.60	110,016,600	1,842,222,356	17,799,696	1,860,022,052	316,203,749		-	-	-	-	-	-	-	1,860,022,052	
6	SEPCOL		RFO	110.17	0	-	-	-	0		-	-	-	-	-	-	-	-	
7	HCPCL		Gas	129.15	57,786,381	229,868,447	24,559,210	254,427,657	43,252,702	(63,191,371)		(10,742,533)	-	-	-	-	-	191,236,286	
8	FKPCL		Gas	151.00	88,468,000	310,026,987	62,806,353	372,833,340	63,381,668	(21,213,759)		(3,606,339)	-	-	-	-	-	351,619,581	
9	ROUSCH		Gas	395.00	287,029,879	1,174,022,877	75,919,181	1,249,942,058	212,490,150	(230,972,400)		(39,265,308)	-	(7,205,537)	(29,045,032)	-	(36,250,589)	982,719,089	
10	SABA		RFO	125.55	0	-	-	-	0		-	-	-	-	-	-	-	-	
11	JAPAN		RFO	107.00	0	-	-	-	0		-	-	-	-	-	-	-	-	
12	UCH		Gas	551.25	167,778,000	391,692,564	146,094,929	537,787,493	91,423,874		-	-	-	-	-	27,119,700	27,119,700	564,907,193	
13	ALTERN		Gas	26.40	11,524,060	52,676,135	7,460,676	60,136,811	10,223,258	(103)		(18)	-	-	-	-	-	60,136,708	
14	LIBERTY		Gas	211.85	77,184,900	994,286,120	24,151,013	1,018,437,133	173,134,313		-	-	-	7,205,537	-	-	7,205,537	1,025,642,670	
15	Davis Energon		Gas	9.50	7,825,000	43,193,218	3,799,038	46,992,256	7,988,683	(2,439,754)		(414,758)	-	-	-	-	-	44,552,502	
16	CHASNUPP		Nucl.	300.00	211,638,000	262,431,120	-	262,431,120	44,433,398		-	-	-	-	-	-	-	262,431,120	
17	CHASNUPP-II		Nucl.	315.00	191,782,000	215,754,750	-	215,754,750	36,515,293		-	-	-	-	-	-	-	215,754,750	
18	IRAN		RFO	96.00	40,751,400	403,438,860	-	403,438,860	0		-	-	-	-	-	-	-	403,438,860	
Sub Total				-	5,892.77	2,680,600,720	27,556,977,092	858,863,650	28,415,840,742	4,761,765,397	(335,756,406)	-	(54,031,155)	3,669,327	-	751,417,818	27,119,700	834,833,842	28,914,918,178
1	Attock Gen		RFO	156.18	109,106,941	1,426,870,998	98,599,943	1,525,470,941	259,330,060	(0)		-	-	-	-	-	-	1,525,470,941	
2	Atlas Power		RFO	213.86	123,150,384	1,708,715,687	109,505,321	1,818,221,008	309,097,571	(60,041)	(3,750)	(3,750)	-	-	-	-	-	1,818,157,217	
3	Nishat Power		RFO	195.31	131,666,529	1,868,758,695	117,077,878	1,985,836,573	337,592,217	(1,008,772)		-	-	-	-	-	-	1,984,827,801	
4	Foundation Power		Gas	171.48	124,952,645	490,402,446	45,445,277	535,847,723	91,094,113	(96,965,951)		-	-	-	-	-	-	438,881,772	
5	Orient		Gas	212.70	-	-	-	-	-	(16,573,566)		-	-	-	-	-	-	(16,573,566)	
			HSD		72,503,529	1,460,178,019	24,738,204	1,484,916,223	252,435,758	27,795,308	0	0	-	-	-	-	-	1,512,711,531	
6	Nishat Chunian		RFO	195.72	131,406,416	1,843,287,375	116,570,632	1,959,858,007	333,175,861	(1,988,742)		-	-	-	-	-	-	1,957,869,265	
7	Saif Power		Gas	205.27	0	-	-	-	-	-		-	-	-	-	-	-	-	
			HSD		51,033,953	1,047,606,291	26,083,453	1,073,689,744	182,527,256	(2,469)		-	-	-	-	-	-	1,073,687,275	
8	Engro Energy		Gas	212.98	121,277,361	507,772,558	38,917,905	546,690,463	92,937,379	(125,726,885)		-	-	-	-	-	-	420,963,578	
			HSD		-	-	-	-	-	-		-	-	-	-	-	-	-	
9	Sapphire Power Ltd		Gas	203.17	-	-	-	-	-	-		-	-	-	-	-	-	-	
			HSD		64,052,077	1,308,088,054	32,371,923	1,340,459,977	227,878,196	(1,803,673)		-	-	-	-	-	-	1,338,656,304	
10	HUBCO-Narowal		RFO	213.82	139,249,183	1,966,388,342	117,414,912	2,073,803,254	352,546,553		(9)	(9)	-	-	-	-	-	2,073,803,245	
11	Liberty Power		RFO	196.14	135,347,543	1,911,826,096	134,102,346	2,045,928,442	347,807,835	(2,329)	(164)	(164)	-	-	-	-	-	2,045,925,949	
12	Halmore		Gas	199.24	-	-	-	-	-	-		-	-	-	-	-	-	-	
			HSD		57,893,979	1,168,795,610	29,728,558	1,198,524,168	203,749,109	(16,982)		-	-	-	-	-	-	1,198,507,186	
13	Uch-II		Gas	375.20	222,856,663	858,227,601	31,066,219	889,293,820	151,179,949	56,626,548		-	-	-	-	-	-	945,920,368	
14	JDW		Bugasse	26.60	9,772,700	139,377,104	10,379,249	149,756,353	25,458,580		-	-	-	-	-	-	-	149,756,353	
Sub Total				-	2,777.67	1,494,269,903	17,696,294,878	932,001,818	18,628,296,696	3,166,810,438	(159,727,554)	(3,923)	(3,923)	-	-	-	-	1,468,565,219	
G-Total				-	8,670.43	4,174,870,623	45,253,271,970	1,790,865,468	47,044,137,438	7,928,575,835	(495,483,960)	(3,923)	(54,035,078)	3,669,327	-	751,417,818	27,119,700	834,833,842	47,383,483,397

Detail Of Energy Imported From Small Power Producers				
DISCO	SPPs	Description	Aug/2014	Rate (Rs./KWh)
FESCO	Sitara	Energy	16,748,990	17.214
		Cost (Rs.)	288,319,282	
	Galaxy	Energy	4,922,070	5.171
		Cost (Rs.)	25,453,993	
	DISCOs Total:-	Energy	21,671,060	14.479
		Cost (Rs.)	313,773,275	
HESCO	Thatta Power (Pvt.) Ltd.,	Energy	7,712,050	5.662
		Cost (Rs.)	43,666,307	
	Anoud Textile NCPP	Energy	7,789,280	7.538
		Cost (Rs.)	58,714,489	
	Agar Textile Mills	Energy	8,475,072	8.815
		Cost (Rs.)	74,708,702	
	Omni (NPCC)	Energy	7,050,800	10.455
		Cost (Rs.)	73,716,115	
	Hi-Tech	Energy	6,306,992	9.374
		Cost (Rs.)	59,121,406	
	Lucky Cement Factory Ltd., N- Abad	Energy	14,163,120	7.400
		Cost (Rs.)	104,812,259	
DISCO's Total:-	Energy	51,497,314	8.054	
	Cost (Rs.)	414,739,277		
SEPCO	Dadu Energy	Energy	12,317,000	10.425
		Cost (Rs.)	128,407,427	
	Lodra Power	Energy	8,443,800	9.384
		Cost (Rs.)	79,236,959	
	DISCO's Total:-	Energy	20,760,800	10.002
		Cost (Rs.)	207,644,386	
G-Total		Energy	93,929,174	9.967
		Cost (Rs.)	936,156,938	