



National Transmission & Dispatch Company Limited

Chief Operating Officer
Central Power Purchasing Agency

No. COO/CPPA/IT/9451

15th October, 2014

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

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

Monthly Energy Purchase Data for September-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 & u/c.

General Manager
(CPPA)

SAT-1
MF

20/10
cc: VC (M/C),
- MC,
- MC (M),
- MC (M/E)

Registrar	8597
Dy No.	
Dated	20-10-14

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
Sep/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	3,436,462,316	-	398,331,280	398,331,280
ii	Jagran	Hydel	30.00	10,392,010	-	20,763,236	20,763,236
iii	Pehure	Hydel	17.90	6,904,440	-	1,967,765	1,967,765
iv	Malakand-III SHYDO	Hydel	81.46	35,024,000	-	8,756,000	8,756,000
v	Laraib	Hydel	84.00	43,658,000	-	7,635,784	7,635,784
	Hydel Total:		6,968.36	3,532,440,766	-	437,454,065	437,454,065
2	Ex-WAPDA GENCOs						
	GENCO-I						
	Jamshoro Block 1	RFO	205.00	70,093,000	1,271,655,769	6,483,603	1,278,139,372
	Jamshoro Block 2	RFO	470.00	129,757,000	2,541,657,469	12,002,523	2,553,659,992
	Kotri 3-7	Gas	106.50	14,100,000	91,711,789	1,304,250	93,016,039
	Jamshoro Total		798.50	213,950,000	3,905,025,027	19,790,375	3,924,815,402
	GENCO-II						
	Central Block 2	Gas	390	110,775,711	617,773,985	7,632,446	625,406,431
	Guddu CC 5-10	Gas	530	40,776,980	341,107,593	2,809,534	343,917,127
	Guddu Steam 3-4	Gas	340	886,095	5,929,836	61,052	5,990,888
	Central Block 4	Gas	140	37,685,914	270,208,003	2,596,559	272,804,562
	Central Total		1,400.00	190,124,700	1,235,019,417	13,099,592	1,248,119,009
	GENCO-III						
	Northern Block 1	RFO	558.00	114,249,933	2,079,328,673	2,856,248	2,082,184,921
	Northern Block 2	RFO	270.00	93,115,375	1,723,803,630	2,327,884	1,726,131,515
	Northern Block 3	RFO	360.00	32,971,913	682,822,863	824,298	683,647,160
	Northern Block 5 (SPS)	RFO	97.00	1,224,000	29,644,056	30,600	29,674,656
	Northern Total:		1,568.00	241,561,221	4,515,599,222	6,039,031	4,521,638,252
	GENCO-IV						
		Coal	31.20	7,854,000	35,341,429	998,243	36,339,672
	Total:		31.20	7,854,000	35,341,429	998,243	36,339,672
	GENCOs Total:-		3,797.70	653,489,921	9,690,985,095	39,927,240	9,730,912,335
3	IPPs						
1	Kot Addu Block 1	RFO	325	221,077,500	3,032,256,757	96,048,539	3,128,305,296
	Kot Addu Block 2	RFO	762	426,292,500	6,424,451,719	260,700,559	6,685,152,278
	KAPCO Total		1,336.00	647,370,000	9,456,708,476	356,749,098	9,813,457,574
2	Hub Power	RFO	1,200.00	719,923,000	11,873,731,201	124,940,382	11,998,671,583
3	Kohinoor Energy	RFO	124.00	73,797,000	1,064,258,808	41,681,833	1,105,940,641
4	AES Lalpir	RFO	350.00	-	-	-	0
5	Pak Gen Power Limited	RFO	348.60	184,662,100	2,996,372,846	29,876,666	3,026,249,512
6	Southern Power	RFO	110.47	-	-	-	0
7	Habibullah	Gas	129.15	77,535,426	371,604,034	32,952,556	404,556,590
8	Fauji Kabirwala	Gas	151.20	91,306,000	356,014,754	64,850,178	420,864,932
9	Rousch	Gas	395.00	275,659,983	1,358,456,966	72,911,852	1,431,368,818
10	Saba Power	RFO	125.55	2,163,479	34,049,911	348,108	34,398,019
11	Japan Power	RFO	107.00	-	-	-	0
12	Uch	Gas	551.25	367,540,000	934,096,309	82,880,270	1,016,976,579
13	Altern	Gas	27.12	12,375,440	56,226,957	8,011,860	64,238,817
14	Liberty	Gas	211.85	69,209,100	892,114,246	21,655,401	913,769,647
15	Davis Energen	Gas	10.00	2,600,000	14,351,740	1,262,300	15,614,040
16	Chashma Nuclear	Nucl.	300.00	213,119,000	264,267,560	-	264,267,560
17	Chashma Nuclear-II	Nucl.	315.00	218,911,000	246,274,875	-	246,274,875
18	Tavanir Iran	Import	96.00	40,211,800	394,075,640	-	394,075,640
	Sub-Total:		5,888.19	2,996,383,328	30,312,604,323	838,120,504	31,150,724,827

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

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	100,423,552	1,371,653,456	87,549,253	1,459,202,709
2	Atlas Power	RFO	213.86	121,638,624	1,662,239,436	104,341,612	1,766,581,048
3	Nishat Power	RFO	195.31	119,252,135	1,642,239,882	102,294,481	1,744,534,363
4	Foundation Power	Gas	171.48	121,450,339	570,342,939	42,580,489	612,923,428
5	Orient	Gas	212.70	20,947,735	97,490,393	4,193,737	101,684,130
		HSD		84,779,031	1,686,625,171	27,824,478	1,714,449,649
6	Nishat Chunian	RFO	195.72	116,732,621	1,597,596,396	99,888,104	1,697,484,500
7	Saif Power	Gas	205.27	41,320,618	189,611,487	14,069,670	203,681,157
		HSD		66,008,908	1,345,101,259	32,443,378	1,377,544,637
8	Engro Energy	Gas	212.98	146,923,330	739,536,562	45,472,771	785,009,333
9	Saphire Power	Gas	203.17	18,953,364	85,680,794	6,383,493	92,064,287
		HSD		80,670,900	1,634,503,887	39,214,114	1,673,718,001
10	Hubco Narowal	RFO	213.82	129,337,424	1,802,924,515	105,474,678	1,908,399,193
11	Liberty Power	RFO	196.14	123,055,222	1,687,590,993	117,690,014	1,805,281,007
12	Halmore	Gas	199.24	-	-	-	-
		HSD		88,532,591	1,801,411,207	43,717,393	1,845,128,600
13	Uch-II	Gas	380.75	248,311,811	939,297,453	34,614,666	973,912,119
14	JDW	Bagasse	26.35	15,872,500	91,587,500	6,820,413	98,407,913
15	Nandipur	HSD	425.00	181,000	-	-	-
Sub-Total:			2,375.87	1,644,391,705	18,945,433,330	914,572,744	19,860,006,074
IPP,s Total:-			8,264.06	4,640,775,033	49,258,037,653	1,752,693,248	51,010,730,901
4	Others						
	i. TPS-Quetta	Gas	25.00	16,092,000	138,391,200	1,108,739	139,499,939
	ii. Zorlu	Wind	56.40	15,504,300	-	68,219	68,219
	iii. FFCEL	Wind	49.50	16,084,000	-	-	-
	iv. SPPs	Mixed	256.90	89,576,150	867,997,382	-	867,997,382
Others Total			387.80	137,256,450	1,006,388,582	1,176,958	1,007,565,540
G-Total:			19,417.92	8,963,962,170	59,955,411,329	2,231,251,512	62,186,662,841
Summary							
1	Hydel			3,532,440,766	-	437,454,065	437,454,065
2	Coal			7,854,000	35,341,429	998,243	36,339,672
3	HSD			320,172,430	6,467,641,524	143,199,363	6,610,840,887
4	F.O.			2,779,766,378	43,518,278,380	1,195,359,385	44,713,637,764
5	Gas			1,714,449,846	8,069,947,040	447,351,824	8,517,298,864
6	Nuclear			432,030,000	510,542,435	-	510,542,435
7	Import from Iran			40,211,800	394,075,640	-	394,075,640
8	Wind Power			31,588,300	-	68,219	68,219
9	Mixed			105,448,650	959,584,882	6,820,413	966,405,295
Total For The month				8,963,962,170	59,955,411,329	2,231,251,512	62,186,662,841
Prev. Adjustment				-	768,966,516	(9,512)	768,957,004
Grand Total:				8,963,962,170	60,724,377,845	2,231,241,999	62,955,619,845

Energy Sale Price

Energy Cost (Rs.)	60,724,377,845	2,231,241,999	62,955,619,845
Cost not chargeable to DISCOs (Rs.)	186,113,354		186,113,354
EPP (Chargeable) (Rs.)	60,538,264,491	2,231,241,999	62,769,506,491
Energy Sold (KWh)	8,934,906,079	8,934,906,079	8,934,906,079
Avg. Rate (Rs./KWh)	6.775479	0.249722	7.025200

Supplemental EPP charges under PPA's			
Sep/14			
S.No.	Generators	Description	Amount (Million Rs.)
1	Hydel		-
2	GENCOS		-
3	IPPs	PLAC	68.28
		Open Cycle	18.00
		Bonus	7.21
		Fuel Differential	1,148.43
		E-Duty	55.97
		Sub-Total:-	1,297.88
		Total (1 + 2 + 3)	1,297.88

Detail Of Energy Imported From Small Power Producers				
DISCO	SPPs	Description	Aug/2014	Rate (Rs./KWh)
FESCO	Sitara	Energy Cost (Rs.)	17,372,740 299,056,595	17.214
	Galaxy	Energy Cost (Rs.)	5,692,660 29,439,022	5.171
	DISCOs Total:-	Energy Cost (Rs.)	23,065,400 328,495,617	14.242
HESCO	Thatta Power (Pvt.) Ltd.,	Energy Cost (Rs.)	6,497,150 36,787,436	5.662
	Anoud Textile NCPP	Energy Cost (Rs.)	7,602,656 57,307,744	7.538
	Agar Textile Mills	Energy Cost (Rs.)	6,706,272 57,295,770	8.544
	Omni (NPCC)	Energy Cost (Rs.)	5,863,472 43,963,452	7.498
	Hi-Tech	Energy Cost (Rs.)	5,328,160 37,138,978	6.970
	Lucky Cement Factory Ltd., N- Abad	Energy Cost (Rs.)	14,689,440 108,707,219	7.400
	DISCO's Total:-	Energy Cost (Rs.)	46,687,150 341,200,600	7.308
SEPCO	Dadu Energy	Energy Cost (Rs.)	11,776,600 122,786,664	10.426
	Lodra Power	Energy Cost (Rs.)	8,047,000 75,514,501	9.384
	DISCO's Total:-	Energy Cost (Rs.)	19,823,600 198,301,165	10.003
G-Total		Energy Cost (Rs.)	89,576,150 867,997,382	9.690

September-14

September-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 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	221,077,500	3,032,256,757	96,048,539	3,128,305,296	531,811,900	(18,252,748)		(2,619,335)	6,147,884		403,631,077	418,287,350	3,528,339,898	
			Gas															
			HSD															
			B-II		RFO	426,292,500	6,424,451,719	260,700,559	6,685,152,278	1,136,475,887	(35,195,845)		(5,050,730)	11,854,652		778,301,278	806,562,223	7,456,518,656
			Gas		0				0									
			HSD		0				0									
			Gas		0				0									
			HSD		0				0									
KAPCO Total:-					1,345.00	647,370,000	9,456,708,476	356,749,098	9,813,457,574	1,668,287,788	(53,448,593)		(7,670,065)	18,002,536				
2	HURCO		RFO	1,200.00	719,923,000	11,873,731,201	124,940,382	11,998,671,583	2,039,774,754			(7,670,065)	18,002,536		1,181,932,355	1,224,849,573	10,984,858,554	
3	KEL		RFO	124.00	73,797,000	1,064,258,808	41,681,833	1,105,940,641	188,009,909							43,360,356	12,042,031,939	
4	AES LALPIR		RFO	347.30	0				0								1,105,940,641	
5	AES PAKGEN		RFO	348.60	184,662,100	2,996,372,846	29,876,666	3,026,249,512	514,462,477								3,026,249,512	
6	SEPCOL		RFO	110.17	0				0									
7	HCPC		Gas	129.15	77,535,426	371,604,034	32,952,556	404,556,590	68,774,620	(15,186)		(2,582)					404,541,404	
8	FKPCL		Gas	151.00	91,306,000	356,014,754	64,850,178	420,864,932	71,547,038	(63,405,343)		(10,778,908)					357,459,589	
9	ROUSCH		Gas	395.00	275,659,983	1,358,456,966	72,911,852	1,431,368,818	243,332,699	(27,482,782)		(5,610)		7,205,537	(33,498,070)	(26,292,533)	1,377,593,503	
10	SABA		RFO	125.55	2,163,479	34,049,911	348,108	34,398,019	5,847,663								34,398,019	
11	JAPAN		RFO	107.00	0				0									
12	UCH		Gas	551.25	367,540,000	934,096,309	82,880,270	1,016,976,579	172,886,018									
13	ALTERN		Gas	26.40	12,375,440	56,226,957	8,011,860	64,238,817	10,920,599	(19,323,452)		(3,284,987)			55,967,370	55,967,370	1,072,943,949	
14	LIBERTY		Gas	211.85	69,209,100	892,114,246	21,655,401	913,769,647	155,340,840	(850,697)		(144,619)					44,915,365	
15	Davis Energon		Gas	9.50	2,600,000	14,351,740	1,262,300	15,614,040	2,654,387	(6,638,283)		(1,105,969)					912,918,950	
16	CHASNUPP		Nucl.	300.00	213,119,000	264,267,560		264,267,560	44,744,334	(4,100,756)							8,975,757	
17	CHASNUPP-II		Nucl.	315.00	218,911,000	246,274,875		246,274,875	41,680,554	(58,570,245)							260,166,804	
18	IRAN		RFO	96.00	40,211,800	394,075,640		394,075,640	0			555,804,954					187,704,630	
Sub Total					5,892.77	2,996,383,328	30,312,604,323	838,120,504	31,150,724,827	5,228,263,121	(233,835,337)		932,812,214	18,002,536	7,205,537	1,148,434,285	55,967,370	1,297,884,766
1	Attock Gen		RFO	156.18	100,423,552	1,371,653,456	87,549,253	1,459,202,709	248,064,461	(1)							32,214,774,256	
2	Atlas Power		RFO	213.86	121,638,624	1,662,239,436	104,341,612	1,766,581,048	300,318,778		(1)						1,459,202,708	
3	Nishat Power		RFO	195.31	119,252,135	1,642,239,882	102,294,481	1,744,534,363	296,570,842								1,766,581,048	
4	Foundation Power		Gas	171.48	121,450,339	570,342,939	42,580,489	612,923,428	104,196,983	(88,758,247)							1,744,517,325	
5	Orient		Gas	212.70	20,947,735	97,490,393	4,193,737	101,684,130	17,266,302	(34)							524,165,181	
			HSD		84,779,031	1,686,625,171	27,824,476	1,714,449,649	291,456,440	(6,500,398)	(143)	(143)					101,684,096	
6	Nishat Chunian		RFO	195.72	116,732,621	1,597,596,396	99,886,104	1,697,484,500	288,572,364	(975,365)	(1,550)	(1,550)					1,705,949,108	
7	Spaf Power		Gas	205.27	41,320,618	189,611,487	14,069,670	203,681,157	34,625,797	(52)							1,596,507,585	
			HSD		66,008,908	1,345,101,259	32,443,378	1,377,544,637	234,182,588	27,258,671							203,681,105	
8	Engro Energy		Gas	212.98	146,923,330	739,536,562	45,472,771	785,009,333	133,451,581	191							1,404,803,308	
			HSD														785,009,524	
9	Sapphire Power Ltd		Gas	203.17	18,953,364	85,680,794	6,383,493	92,064,287	15,650,929								92,064,287	
			HSD		80,670,900	1,634,503,887	39,214,114	1,673,718,001	284,532,060	4,898,328							1,678,616,329	
10	HUBCO-Narowal		RFO	213.82	129,337,424	1,802,924,515	105,474,678	1,908,399,193	324,427,863	(162)							1,908,399,031	
11	Liberty Power		RFO	196.14	123,055,222	1,687,590,993	117,690,014	1,805,281,007	306,897,771	(142,206)	(7,787)	(7,787)					1,805,131,014	
12	Halmore		Gas	199.24	88,532,591	1,801,411,207	43,717,393	1,845,128,600	313,671,862	(2,197,620)							(2,197,620)	
			HSD															
13	Uch-II		Gas	375.20	248,311,811	939,297,453	34,614,666	973,912,119	165,565,060	9,759,503							1,854,888,103	
14	JDW		Bagasse	26.60	15,872,500	91,587,500	6,820,413	98,407,913	16,729,345	31,739,600							1,005,651,719	
Sub Total					2,777.67	1,644,210,705	18,945,433,330	914,572,744	19,860,006,074	3,376,201,033	(26,934,830)	(9,479)	(9,479)				98,407,913	
G-Total					8,670.43	4,640,594,033	49,258,037,653	1,752,693,248	51,010,730,901	8,604,464,153	(260,770,167)	(9,479)	932,802,735	18,002,536	7,205,537	1,148,434,285	55,967,370	1,297,884,766
																	52,047,836,021	