

Received through Fax



Central Power Purchasing Agency Guarantee Limited

A Company of Government of Pakistan



No: CEO/CPPA(G)/11150

24th November, 2015

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

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

Monthly Energy Purchase Data for October-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.

D.A. (As Above)

For information & m/f H.

- SAT-I

Gen. M.

25.11.15

- SA(Tech)

cc: chairman

- Consultant (Gen)

VC/m(OA)

- m/f

m(T)

m(M&E)

m(WC)

25/11

DD (T-CE)

Addl. DGM Finance (CPPA-G)

Registrar	12251
Dy No.	25-11-15
Dated	25-11-15

Senior Advisor Tariff
Dy No: 11020
Date: 25-11-15

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
Oct-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	2,416,189,537	-	209,891,969	209,891,969
	ii. Jagan	Hydel	30.00	5,462,830	-	10,914,734	10,914,734
	iii. Pehura	Hydel	17.80	5,158,690	-	1,469,642	1,469,642
	iv. Malakand-III SHYDO	Hydel	81.46	14,272,000	-	8,193,260	8,193,260
	v. Loralib	Hydel	84.00	54,681,000	-	10,813,582	10,813,582
	Hydel Total:		7,115.36	2,495,782,007	-	242,083,178	242,083,178
2	Ex-WAPDA GENCOs						
	GENCO-I						
	Jamshoro Block 2	RFO	470.00	21,391,309	182,287,849	1,978,616	184,266,545
	Unit 2-4	Gas		290,206,691	2,419,378,235	26,844,119	2,446,222,364
	Kotri 3-7	Gas	106.50	87,083,510	627,761,627	6,208,150	633,967,877
	Jamshoro Total		798.50	378,381,510	3,129,427,811	35,028,915	3,164,456,576
	GENCO-II						
	Central Block 2	Gas	390	147,552,421	979,232,989	10,166,376	989,399,346
	Guddu CC 5-10	Gas	530	687,679	6,846,707	47,381	6,893,088
	Guddu 747	Gas	747	510,069,516	2,448,333,677	140,675,159	2,588,908,836
	Central Total		2,147.00	658,309,516	3,434,412,353	150,788,515	3,585,201,288
	GENCO-III						
	Northern Block 1	RFO	558.00	332,567,465	2,854,923,671	8,314,187	2,863,237,758
	Northern Block 2	RFO	270.00	(481,597)	(3,842,162)	(11,290)	-3,853,452
	Northern Block 3	RFO	360.00	141,808,389	1,370,008,062	3,540,509	1,373,548,271
	Northern Total:		1,568.00	473,724,227	4,221,069,471	11,843,406	4,232,932,577
	GENCO-IV						
		Coal	31.20	4,606,000	20,726,079	585,423	21,311,501
	Total:		31.20	4,606,000	20,726,079	585,423	21,311,501
	GENCO-V						
	Nandipur	RFO	425.00	39,996,000	-	-	-
	Total:		425.00	39,996,000	-	-	-
	GENCOs Total:-		4,969.70	1,565,017,563	10,805,655,514	198,246,408	11,003,901,822
3	IPPs						
	1 Kot Addu Block 1	RFO	325	186,332,800	1,172,301,262	81,788,064	1,254,089,326
		Gas		-	-	-	-
	Kot Addu Block 2	RFO	782	242,334,800	1,675,342,993	149,728,354	1,825,071,347
		Gas		-	-	-	-
	Kot Addu Block 3	Gas	248	-	-	-	-
		HSD		111,360	1,790,093	98,140	1,888,233
	KAPCO Total		1,338.00	538,640,000	3,744,937,871	288,527,358	4,033,465,227
	2 Hub Power	RFO	1,200.00	651,935,100	4,629,855,920	109,211,948	4,739,067,888
	3 Kohinoor Energy	RFO	124.00	72,349,000	508,041,056	41,297,582	549,338,618
	4 AES Lalpur	RFO	380.00	191,989,300	1,450,326,530	31,391,694	1,481,718,124
	5 Pak Gen Power Limited	RFO	348.60	-	-	-	-
	6 Southern Power	RFO	110.47	-	-	-	-
	7 Habibullah	Gas	128.15	51,831,776	295,623,198	25,104,649	320,729,847
	8 Fauji Kabirwala	Gas	151.20	98,182,480	521,431,901	71,161,064	592,591,965
	9 Rouseh	Gas	385.00	285,222,463	2,171,092,489	78,241,585	2,247,334,074
	10 Saba Power	RFO	126.65	-	-	-	-
	11 Japan Power	RFO	107.00	-	-	-	-
	12 Uch	Gas	551.25	189,950,000	402,996,826	194,551,133	597,547,959
	13 Alern	Gas	27.12	21,401,530	139,666,847	14,003,681	153,667,528
	14 Liberty	Gas	211.85	186,496,900	976,643,730	49,484,320	1,025,128,060
	15 Davis Energen	Gas	10.00	7,527,000	48,527,660	3,693,499	53,221,159
	16 Chashma Nuclear	Nucl.	300.00	-	-	-	0
	17 Chashma Nuclear-II	Nucl.	318.00	226,681,000	254,947,750	-	264,940,750
	18 Tavanir Iran	Import	95.00	40,460,462	424,834,851	-	424,834,851
	Sub-Total:		5,888.19	2,633,827,021	15,668,919,429	904,668,591	16,473,868,020

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

S.No.	Power Producer	Fuel	Dep. Capacity (MW)	Energy KWh	FCC Rs.	VO&M Rs.	Total Energy Cost (Rs.)
1	Attock-Gen	RFO	158.18	108,540,664	611,271,088	98,038,618	709,309,703
2	Atlas Power	RFO	213.88	127,090,224	868,193,228	116,067,489	983,260,716
3	Nisat Power	RFO	195.31	119,808,037	836,854,772	108,472,385	944,327,158
4	Foundation Power	Gas	171.48	121,551,589	681,916,401	45,010,642	726,928,843
5	Orient	Gas	212.70				
		HSD		27,770,187	368,040,393	9,852,917	378,593,310
6	Nisat Chunian	RFO	195.72	108,183,592	834,315,504	98,596,856	932,912,060
7	Salt Power	Gas	203.89				
		HSD		15,815,571	194,343,519	8,233,138	202,577,167
8	Engro Energy	Gas	212.96	129,053,444	776,562,862	42,161,160	818,724,822
9	Sapphire Power	Gas	203.17				
		HSD		58,155,987	687,049,328	29,938,101	716,988,027
10	Hubco Narowal	RFO	213.82	111,958,201	833,528,370	98,102,165	929,830,728
11	Liberty Power	RFO	196.14	118,513,261	863,468,147	119,544,126	973,010,473
12	Halmore	Gas	199.24	-	-	11,448,187	11,448,597
		HSD		70,862,911	874,522,375	37,061,102	911,663,677
13	Uch-II	Gas	380.75	235,439,753	1,132,151,872	50,548,115	1,182,700,787
14	JDW-I	Bagasse	28.38	-	-	-	-
15	JDW-III	Bagasse	28.38	-	-	-	-
16	RYK	Bagasse	24.01	-	-	-	-
17	Chiriot Power	Bagasse	82.40	69,590	-	-	-
Sub-Total:			2,831.95	1,635,592,189	11,509,804,835	955,806,882	12,465,413,497
IPP's Total:-			8,720.14	4,169,415,190	27,078,724,264	1,860,275,253	28,938,999,517
4	Others						
	i. TPS-Quetta	Gas	25.00	14,782,000	127,125,200	1,018,480	128,143,680
	ii. Zorlu	Wind	56.40	9,388,000	-	22,439	22,439
	iii. FFCEL	Wind	49.50	7,117,000	-	-	-
	iv. TFG	Wind	49.50	8,881,600	-	-	-
	v. Foundation	Wind	49.50	10,830,000	-	-	-
	vi. Sapphire Wind Power	Wind	49.50	1,426,070	-	-	-
	vii. Quid-e-Azam Solar Park	Solar	100.00	14,049,310	-	34,752,373	34,752,373
	viii. SPPs	Mixed	256.90	10,826,188	81,292,238	-	81,292,238
Others Total:			836.30	76,902,178	208,417,438	35,793,292	244,210,730
G-Total:			21,441.50	8,297,100,928	38,092,797,216	2,338,398,131	40,429,195,347
Summary							
1	Hydel			2,496,762,007	-	242,083,178	2,496,762,007
2	Coal			4,804,000	20,728,079	585,423	21,311,601
3	HSD			172,737,728	2,127,082,988	84,990,116	2,212,073,101
4	F.O.			2,572,811,206	18,675,874,185	1,063,061,057	19,738,935,242
5	Gas			2,721,892,760	16,508,046,128	910,903,545	17,418,949,873
6	Nuclear			226,841,000	254,940,750	-	254,940,750
7	Import from Iran			40,460,462	424,834,851	-	424,834,851
8	Wind Power			37,244,670	-	22,439	22,439
9	Solar			14,049,310	-	34,752,373	34,752,373
10	Bagasse			69,590	-	-	0
11	Mixed			10,826,188	81,292,238	-	81,292,238
Total For The month				8,297,100,928	38,092,797,216	2,338,398,131	40,429,195,347
Prev. Adjustment				-	5,742,041,370	300,024	5,742,341,394
Grand Total:				8,297,100,928	44,834,838,586	2,338,698,155	47,171,536,741

Energy Sale Price

Energy Cost (Rs.)	44,834,838,586	2,338,698,155	47,171,536,741
Cost not chargeable to DISCOs (Rs.)	62,312,447		62,312,447
EPP (Chargeable) (Rs.)	44,772,526,139	2,338,698,155	47,109,224,294
Energy Sold (KWh)	8,107,755,246	8,107,755,246	8,107,755,246
Avg. Rate (Rs./KWh)	5,522.185	0.288205	5,810.391

Supplemental EPP charges under PPA's				Oct-15
S.No.	Generators	Description	Amount (Million Rs.)	
1	Hydel			-
2	GENCOS			-
3	IPPs	Start-Up		3.42
		PLAC		24.88
		Open Cycle		0.15
		Fuel Differential		721.76
		Sub-Total:-		750.22
		Total (1 + 2 + 3)		750.22

EPP Without Mark-Up
October-15

S. No		IPPs	Block	Fuel	Dep Capacity (MW)	Energy (KWH)	Energy Payment Price (EPP)															
							Curr. Month EPP (Rs.)			GST	Prev. Adjustment	Prev. Adjustment	Prev. GST	Start-UP	PLAC	Open Cycle	Fuel Differential	E. Duty	Suppl. Total (Rs.)	GST On Suppl.	Total EPP (Rs.)	
							FOU	VOEM	Total													
1	KAPCO	B-I	RFO	1,346.00	188,322,800	1,172,301,262	81,788,864	1,254,090,326	250,817,865	1,134,701,197		(25,514,222)		60,688	43,638	313,733,855		313,848,143	53,359,173	2,702,838,883		
			Gas		149,808	1,081,899	37,828	1,119,825	190,370	1,108,223,361		(26,529)		49	43			92		1,110,343,278		
			HSD							18,091,580										10,021,890		
		B-II	RFO		242,334,800	1,878,342,993	149,728,264	1,828,071,347	368,014,289	1,668,200,670		(33,182,480)		78,878	69,839	408,035,814		408,174,321	69,398,123	3,881,546,247		
			Gas		21,219,000	167,908,173	6,386,687	174,378,730	29,027,554	-385,187,831		(2,805,488)		6,807	6,087			13,083		(211,894,897)		
			HSD		21,700	337,278	7,418	344,897	172,349	0		(2,871)			8			6		344,703		
		B-III	Gas		88,670,700	728,085,172	60,568,887	778,674,089	132,034,502	88,425,812		(12,161,823)		28,862	25,477			54,338		605,154,220		
HSD	111,300		1,700,083	95,140	1,885,233	943,117	88,434,359		(15,268)		36	32			68		88,320,090					
KAPCO Total:-						1,345.00	538,840,000	3,764,937,874	288,527,358	4,833,883,227	778,800,118		(73,782,413)		178,381	164,822	721,769,789		722,889,972	122,758,296	8,498,474,486	
2	HUBCO		RFO	1,289.00	601,835,100	4,828,886,820	108,211,948	4,739,887,898	505,641,528				3,415,987	24,709,289				722,889,972	122,758,296	8,498,474,486		
3	KEL		RFO	124.88	72,348,000	808,041,888	41,287,862	849,328,818	83,387,505									28,125,258		4,767,192,124		
4	AES LALPUR		RFO	347.30	101,080,300	1,450,328,520	31,301,884	1,481,718,124	251,802,081	(34,883,230)		(5,943,748)								1,440,734,894		
5	AES PAKGEN		RFO	348.88	0	0	0	0	0	0												
6	SEPCOL		RFO	118.17	0	0	0	0	0	0												
7	HCPC		Gas	129.15	51,831,776	295,823,198	25,106,848	320,729,847	54,524,074	(13,882)		(2,311)								328,718,256		
8	FKPCL		Gas	181.88	89,182,480	821,431,801	71,160,084	892,881,885	100,740,834	(72,334,311)		(12,388,833)								820,287,864		
9	ROUSCH		Gas	398.88	265,222,463	2,171,883,483	78,341,585	2,347,334,074	382,048,793	(348,344,411)		(58,878,589)								1,800,888,863		
10	SABA		RFO	128.88	0	0	0	0	0	0												
11	JAPAN		RFO	107.88	0	0	0	0	0	0												
12	UCH		Gas	581.35	189,950,000	602,888,838	184,551,133	887,547,888	101,583,153											887,547,888		
13	ALTERN		Gas	28.48	21,401,530	139,888,847	14,808,881	153,887,828	28,123,480	21,168,246		3,604,882								887,547,888		
14	LIBERTY		Gas	211.88	158,488,800	878,843,730	48,484,330	1,028,128,088	174,271,790											1,028,128,088		
15	Devle Enargen		Gas	9.88	7,527,000	48,527,888	3,883,488	53,221,158	9,047,587	7,534,888		1,280,888								60,785,488		
16	CHASHUPP		Nucl.	308.88	0	0	0	0	0	0												
17	CHASHUPP-II		Nucl.	318.88	228,841,000	234,840,780		234,840,780	43,147,308											284,840,780		
18	IRAN		RFO	88.88	40,480,482	434,834,881		434,834,881	0											254,840,730		
Sub Total						5,892.77	2,533,827,021	15,588,918,428	984,564,581	18,473,888,028	2,821,208,883	3,278,934,558		(148,825,414)	3,415,987	24,884,870	164,822	721,769,789	0	780,215,228	122,753,296	20,498,768,808
1	Attock Gen		RFO	156.18	106,540,564	811,371,888	98,838,818	708,388,783	120,582,650	0										708,388,783		
2	Atlee Power		RFO	213.88	127,080,224	888,183,228	115,867,488	883,388,718	167,154,322											883,388,718		
3	Mehar Power		RFO	195.31	118,808,037	838,854,772	108,472,388	844,327,198	160,535,617	(585,130)										843,782,888		
4	Foundation Power		Gas	171.48	121,551,558	881,818,881	48,818,842	728,838,843	123,577,580		1	(1)								728,838,843		
5	Orient		Gas	212.70	110,287,888	728,838,813	23,378,787	781,415,808	132,848,888				(1)							781,415,808		
6	Mehar Chaudhri		RFO	195.72	108,183,882	834,318,884	98,884,888	832,812,888	158,265,050		(21)									832,812,888		
7	Self Power		Gas	203.89	113,344,711	788,828,888	40,882,437	821,711,803	138,888,888	17,478,725										838,888,888		
8	Engro Energy		HSD		15,815,871	184,342,818	8,233,838	202,877,157	98,571,478											202,877,157		
			Gas	212.98	128,053,444	778,882,882	42,181,788	818,724,822	138,183,188		(23)									818,724,822		
			HSD																			
9	Sapphire Power Ltd		Gas	203.17	80,191,811	418,721,888	21,478,842	440,182,847	74,832,882		(22)									440,182,847		
			HSD		58,188,887	687,848,338	29,838,701	718,888,827	348,814,242		(23)									718,888,827		
10	HUBCO-Ranawal		RFO	213.82	111,855,201	838,888,878	95,183,358	828,888,728	158,087,224											828,888,728		
11	Liberty Power		RFO	198.14	118,513,281	883,888,147	118,844,338	872,818,473	185,411,783	(880,188)		(18,436)								872,818,473		
12	Halmore		Gas	189.24			11,448,887	11,448,887	1,448,280											11,448,887		
			HSD		70,882,911	874,822,378	37,881,382	911,888,677	443,881,808											911,888,677		
13	Ush-II		Gas	375.20	218,438,763	1,132,181,872	60,848,818	1,192,700,787	281,888,134	18,448,814										1,201,248,802		
14	JDW-I		Bagasse	26.80						888,187										888,187		
15	JDW-II		Bagasse	26.80						888,187										888,187		
16	RYK		Bagasse	30.00						888,187										888,187		
17	Chimot Power		Bagasse	62.40						888,187										888,187		
Sub Total						2,832.89	1,838,822,579	11,809,804,838	958,808,882	12,485,413,487	2,820,253,847	38,210,184	300,834		(22,174)					12,808,023,706		
C-Total						8,725.65	4,188,348,600	27,878,734,264	1,848,275,263	28,938,998,617	5,641,691,748	3,212,284,743	300,834	(148,825,414)	3,415,987	24,884,870	164,822	721,769,789		750,215,228	122,753,296	33,801,778,512

Detail Of Energy Imported From Small Power Producers				
DISCO	SPPs	Description	Oct-2014	Rate (Rs./KWh)
FESCO	Galaxy	Energy	1,498,870	6.80
		Cost (Rs.)	10,187,184	
	DISCOs Total:-	Energy	1,498,870	6.80
		Cost (Rs.)	10,187,184	
HESCO	Thatta Power (Pvt.) Ltd.,	Energy	87,000	6.80
		Cost (Rs.)	456,600	
	Anoud Textile NCPP	Energy	10,444	6.80
		Cost (Rs.)	71,599	
	Agar Textile Mills	Energy	7,696,400	7.80
		Cost (Rs.)	60,173,920	
	Omni (NPCC)	Energy	21,200	6.80
		Cost (Rs.)	144,160	
	Hi-Tech	Energy	90,384	7.80
		Cost (Rs.)	704,998	
	Lucky Cement Factory Ltd., N-Abad	Energy	1,833,608	6.80
		Cost (Rs.)	10,428,480	
DISCO's Total:-	Energy	9,308,128	7.62	
	Cost (Rs.)	70,878,854		
SEPCO	Dadu Energy	Energy	6,280	6.80
		Cost (Rs.)	35,360	
	Lodra Power	Energy	10,300	6.80
		Cost (Rs.)	110,840	
	DISCO's Total:-	Energy	21,500	6.80
		Cost (Rs.)	148,200	
G-Total		Energy	10,826,188	7.51
		Cost (Rs.)	81,292,238	



National Transmission & Despatch Company Ltd.

Phone: 051-9257061
Exchange: 051-9258177-8
Fax No. 051-9257146

Office of the
General Manager (S.O)
National Power Control Center
H-8/1 Islamabad.

No 13400 /GM(SO)/NPCC/PC-I/CPPA

Dated: 17-11-2015

General Manager (CPPA)
Central Power Purchasing Agency,
Lahore

Attention: DG (IT), CPPA

Subject: CERTIFICATE AS PER AUTHORITY DIRECTIONS FOR THE MONTH
OF OCTOBER - 2015

Reference: Your office letter # GM/CPPA/IT/3106 dated 08th April 2015

Enclose please find herewith the certificate as required through above referred letter.

D.A/As Above

Director General (IT), CPPA
Diary No. 502
Dated 17.11.2015

17-11-15
Chief Engineer (Network Operation)
NPCC, NTDCL, Islamabad

Mr. General-00

E/Directorate/NTDCL/CPPA 2015

CERTIFICATE

**Subject: MONTHLY FUEL CHARGES ADJUSTMENT OF DISCOS FOR
THE MONTH OF OCTOBER - 2015**

- 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 October 2015
- 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.


17.11.15
Chief Engineer (Network Operation)
NPCC, NTDCL, Islamabad