



Central Power Purchasing Agency Guarantee Limited
A Company of Government of Pakistan



No. CEO/CPPA-G/IT/7512

25th August, 2015

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

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

Monthly Energy Purchase Data for July-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)

Senior Advisor Tariff-II
By No: 8477
Date: 28-8-15

Chief Financial Officer

For information & a/c

- SAT-I
- MF

27-8

Siagis
Dir (T-II)

- DPLI-cc: Chairman
- VC/MCAI
 - MCTI
 - MCMEI
 - MLCI

Registrar	9/84
DY NO.	27-08-15
Dated	

Senior Advisor Tariff-II
Diary No: 2794
Date: 27-08-15

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
Jul-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	4,405,397,793	-	382,692,501	382,692,501
ii	Jagran	Hydel	30.00	15,693,170	-	31,354,954	31,354,954
iii	Pehure	Hydel	17.90	3,934,440	-	1,121,315	1,121,315
iv	Malakand-III SHYDO	Hydel	81.46	45,778,000	-	11,444,500	11,444,500
v	Laraib	Hydel	84.00	58,001,000	-	11,257,994	11,257,994
	Hydel Total:		7,115.36	4,528,804,403	-	437,871,264	437,871,264
2	Ex-WAPDA GENCOs						
i	GENCO-I						
	Jamshoro Block 1	RFO	205.00	43,153,000	512,957,421	3,991,653	516,949,074
	Jamshoro Block 2	RFO	470.00	6,472,640	82,013,726	598,719	82,612,445
	Unit 2-4	Gas		293,953,360	2,041,831,934	27,190,686	2,069,022,620
	Kotri 3-7	Gas	106.50	58,973,110	383,284,585	5,455,013	388,739,598
	Jamshoro Total		798.50	402,552,110	3,020,087,666	37,236,070	3,057,323,736
ii	GENCO-II						
	Central Block 2	Gas	390	231,017,554	1,288,338,695	15,917,109	1,304,255,804
	Guddu CC 5-10	Gas	530	6,069,146	50,769,620	418,164	51,187,784
	Guddu Steam 3-4	Gas	340	-	-	-	0
	Central Block 4	Gas	140	-	-	-	0
	Guddu 747	Gas	747	435,599,079	2,090,875,579	120,051,106	2,210,926,685
	Central Total		2,147.00	672,685,779	3,429,983,894	136,386,380	3,566,370,274
iii	GENCO-III						
	Northern Block 1	RFO	558.00	263,922,794	3,244,526,509	6,598,070	3,251,124,579
	Northern Block 2	RFO	270.00	37,394,449	459,573,754	934,861	460,508,615
	Northern Block 3	RFO	360.00	102,455,895	1,431,055,404	2,561,397	1,433,616,802
	GTPS FSD 5-9	Gas	117.00	7,804,675	39,453,413	195,117	39,648,529
	GTPS FSD 1-4	Gas	75.00	737,325	6,664,459	18,433	6,682,893
	Northern Total:		1,568.00	412,315,138	5,181,273,539	10,307,878	5,191,581,418
iv	GENCO-IV						
		Coal	31.20	5,846,000	26,305,831	743,027	27,048,857
	Total:		31.20	5,846,000	26,305,831	743,027	27,048,857
v	GENCO-V						
	Nandipur	RFO	425.00	152,029,000	2,085,802,080	107,545,315	2,193,347,395
	Total:		425.00	152,029,000	2,085,802,080	107,545,315	2,193,347,395
	GENCOs Total:-		4,969.70	1,645,428,027	13,743,453,011	292,218,670	14,035,671,680
3	IPPs						
1	Kot Addu Block 1	RFO		195,469,800	1,784,179,023	85,806,896	1,869,985,919
		Gas	325	36,347,500	350,473,353	9,197,510	359,670,863
		HSD		2,992,000	39,277,153	761,598	40,038,751
	Kot Addu Block 2	RFO	762	212,704,000	2,147,940,021	131,443,613	2,279,383,634
		Gas		131,636,200	1,392,182,669	38,962,638	1,431,145,307
	Kot Addu Block 3	Gas	249	14,843,300	162,359,445	8,468,497	170,827,942
		HSD		13,985,200	208,627,495	12,088,498	220,715,993
	KAPCO Total		1,336.00	607,978,000	6,085,039,159	286,729,250	6,371,768,409
2	Hub Power	RFO	1,200.00	561,031,200	5,881,813,750	93,983,755	5,975,797,505
3	Kohinoor Energy	RFO	124.00	71,339,000	681,048,013	40,721,045	721,769,058
4	AES Lalpur	RFO	350.00	131,689,800	1,516,091,860	21,532,204	1,537,624,064
5	Pak Gen Power Limited	RFO	348.60	-	-	-	-
6	Southern Power	RFO	110.47	-	-	-	-
7	Habibullah	Gas	129.15	72,175,683	345,916,394	30,999,458	376,915,852
8	Fauji Kabinwala	Gas	151.20	92,984,330	325,853,828	66,713,060	392,566,888
9	Rousch	Gas	395.00	282,236,281	1,390,860,393	75,448,040	1,466,308,433
10	Saba Power	RFO	125.55	-	-	-	-
11	Japan Power	RFO	107.00	-	-	-	-
12	Uch	Gas	551.25	368,684,000	964,165,192	84,023,084	1,048,188,276
13	Altern	Gas	27.12	20,951,910	114,704,645	13,784,262	128,488,907
14	Liberty	Gas	211.85	131,813,800	842,245,051	41,681,942	883,926,993
15	Davis Energen	Gas	10.00	7,948,000	43,872,165	3,922,338	47,794,503
16	Chashma Nuclear	Nucl.	300.00	205,563,000	254,898,120	-	254,898,120
17	Chashma Nuclear-II	Nucl.	315.00	223,200,000	251,100,000	-	251,100,000
18	Tavanir Iran	Import	96.00	43,243,433	441,083,017	-	441,083,017
	Sub-Total:		5,888.19	2,820,838,437	19,138,691,587	759,538,438	19,898,230,025

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
Jul-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	94,821,410	746,638,335	85,149,626	831,787,961
2	Atlas Power	RFO	213.86	90,565,543	874,757,315	80,014,657	954,771,972
3	Nishat Power	RFO	195.31	112,425,788	1,120,864,500	97,810,436	1,218,674,936
4	Foundation Power	Gas	171.48	119,879,454	567,692,802	43,288,471	610,981,273
5	Onent	Gas	212.70	84,281,108	723,951,095	17,370,338	741,321,433
		HSD		36,415,362	578,607,974	12,301,116	590,909,090
6	Nishat Chunian	RFO	195.72	101,234,444	1,027,040,922	89,217,915	1,116,258,837
		Gas		80,868,489	699,256,159	28,352,492	727,608,651
7	Saif Power	HSD	205.27	32,429,531	524,284,665	16,409,343	540,694,008
8	Engro Energy	Gas	212.98	129,458,018	655,051,170	41,258,270	696,309,440
		Gas		79,349,929	464,204,501	27,510,618	491,715,119
9	Sapphire Power	HSD	203.17	-	-	17,489,948	17,489,948
10	Hubco Narowal	RFO	213.82	94,934,558	966,993,549	79,773,502	1,046,767,051
11	Liberty Power	RFO	196.14	118,464,293	1,175,287,520	116,711,021	1,291,998,541
		Gas		-	-	-	-
12	Halmore	HSD	199.24	39,328,770	615,406,733	19,994,747	635,401,480
13	Uch-II	Gas	380.75	227,469,667	916,424,823	47,632,148	964,056,971
14	JDW-I	Bagasse	26.35	18,024,400	104,004,393	7,745,085	111,749,478
15	JDW-III	Bagasse	26.35	17,531,270	101,119,230	7,533,187	108,652,417
16	RYK	Bagasse	24.01	171,900	991,897	2,230	994,127
Sub-Total:			2,833.33	1,477,653,934	11,862,577,583	835,565,150	12,698,142,733
IPP,s Total:-			8,721.52	4,298,492,371	31,001,269,170	1,595,103,588	32,596,372,758
4	Others						
	i. TPS-Quetta	Gas	25.00	15,444,000	132,818,400	1,064,092	133,882,492
	ii. Zorlu	Wind	56.40	21,415,000	-	111,145	111,145
	iii. FCEL	Wind	49.50	16,004,000	-	-	-
	iv. TFG	Wind	49.50	18,087,400	-	-	-
	v. Foundation	Wind	49.50	33,898,000	-	-	-
	vi. Quid-e-Azam Solar Park	Solar	100.00	12,669,610	-	31,339,547	-
	vii. SPPs	Mixed	256.90	36,963,120	245,781,540	-	245,781,540
Others Total			586.80	154,481,130	378,599,940	32,514,784	379,775,177
G-Total:			21,393.38	10,627,205,931	45,123,322,120	2,357,708,306	47,449,690,879
Summary							
1	Hydel			4,528,804,403	-	437,871,264	437,871,264
2	Coal			5,846,000	26,305,831	743,027	27,048,857
3	HSD			125,150,863	1,966,204,020	79,045,250	2,045,249,270
4	F.O.			2,390,107,614	25,738,583,702	1,044,394,685	26,782,978,387
5	Gas			2,930,525,918	15,993,250,370	748,922,886	16,742,173,256
6	Nuclear			428,763,000	505,998,120	-	505,998,120
7	Import from Iran			43,243,433	441,083,017	-	441,083,017
8	Wind Power			89,404,400	-	111,145	111,145
9	Solar			12,669,610	-	31,339,547	31,339,547
10	Bagasse			35,727,570	206,115,521	15,280,501	221,396,022
11	Mixed			36,963,120	245,781,540	-	245,781,540
Total For The month				10,627,205,931	45,123,322,120	2,357,708,306	47,481,030,426
Prev. Adjustment				-	1,598,221	(4,701)	1,593,520
Grand Total:				10,627,205,931	45,124,920,342	2,357,703,605	47,482,623,946
Energy Sale Price							
Energy Cost (Rs.)				45,124,920,342	2,357,703,605		47,482,623,946
Cost not chargeable to DISCOs (Rs.)				30,705,345			30,705,345
EPP (Chargeable) (Rs.)				45,094,214,997	2,357,703,605		47,451,918,601
Energy Sold (KWh)				10,352,366,712	10,352,366,712		10,352,366,712
Avg. Rate (Rs./KWh)				4.355933	0.227745		4.583678

Supplemental EPP charges under PPA's

Jul-15

S.No.	Generators	Description	Amount (Million Rs.)
1	Hydel		-
2	GENCOS		-
3	IPPs		-
	Total (1 + 2 + 3)		-

Detail Of Energy Imported From Small Power Producers				
DISCO	SPPs	Description	Aug-2014	Rate (Rs./KWh)
FESCO	Galaxy	Energy	6,487,320	5.040
		Cost (Rs.)	32,695,444	
	DISCOs Total:-	Energy	6,487,320	5.040
		Cost (Rs.)	32,695,444	
HESCO	Thatta Power (Pvt.) Ltd.,	Energy	196,100	6.800
		Cost (Rs.)	1,333,480	
	Anoud Textile NCPP	Energy	5,447,424	6.800
		Cost (Rs.)	37,042,483	
	Agar Textile Mills	Energy	5,560,528	7.800
		Cost (Rs.)	43,372,118	
	Omni (NPCC)	Energy	1,101,200	6.800
		Cost (Rs.)	7,488,160	
	Bandhi Sugar Mills	Energy	-	6.290
		Cost (Rs.)	-	
	Hi-Tech	Energy	290,128	7.800
		Cost (Rs.)	2,262,998	
	Lucky Cement Factory Ltd., N- Abad	Energy	14,073,120	6.800
		Cost (Rs.)	95,697,216	
DISCO's Total:-	Energy	26,668,500	7.019	
	Cost (Rs.)	187,196,456		
SEPCO	Dadu Energy	Energy	1,849,700	6.800
		Cost (Rs.)	12,577,960	
	Lodra Power	Energy	1,957,600	6.800
		Cost (Rs.)	13,311,680	
	DISCO's Total:-	Energy	3,807,300	6.800
		Cost (Rs.)	25,889,640	
G-Total		Energy	36,963,120	6.649
		Cost (Rs.)	245,781,540	

EPP Without Mark-Up
July-15

S.No	Ipps	Block	Fuel	Dep Capacity (MW)	Energy (KWH)	Curr. Month EPP (Rs.)				Energy Payment Price (EPP)							Total EPP (Rs.)	
						FCC	VO&M	Total	GST	Prev. Adjustment FCC	Prev. Adjustment VO&M	Prev. GST Adjustment	Start-Up	PLAC	Bonus	Fuel Differential		E. Duty
1	KAPCO	B-I	RFO	1,345.00	195,469,800	1,784,179,023	85,806,886	1,869,985,919	317,897,606	-	-	-	-	-	-	-	-	1,869,985,919
		Gas	36,347,500		350,473,353	9,197,510	359,670,863	61,144,047	-	-	-	-	-	-	-	-	359,670,863	
		HSD	2,992,000		39,277,153	761,598	40,038,751	37,819,958	-	-	-	-	-	-	-	-	40,038,751	
		RFO	212,704,000		2,147,940,021	131,443,613	2,279,383,634	387,495,218	-	-	-	-	-	-	-	-	2,279,383,634	
		B-II	Gas		131,636,200	1,392,182,669	38,962,638	1,431,145,307	243,294,702	-	-	-	-	-	-	-	1,431,145,307	
		HSD			0	-	-	-	0	-	-	-	-	-	-	-	-	-
		Gas			14,843,300	162,359,445	8,468,497	170,827,942	29,040,750	-	-	-	-	-	-	-	-	170,827,942
		HSD			13,985,200	208,627,495	12,088,498	220,715,993	37,521,719	-	-	-	-	-	-	-	-	220,715,993
KAPCO Total:-					607,978,000	6,085,039,159	286,729,250	6,371,768,409	1,114,214,000	0	-	-	-	-	-	-	0	6,371,768,409
2	HUBCO		RFO	1,200.00	561,031,200	5,881,813,750	93,983,755	5,975,797,505	1,015,885,560	-	-	-	-	-	-	-	-	5,975,797,505
3	KEL		RFO	124.00	71,339,000	681,048,013	40,721,045	721,769,058	122,700,740	-	-	-	-	-	-	-	-	721,769,058
4	AES LALPIR		RFO	347.30	131,689,800	1,516,091,860	21,532,204	1,537,624,064	261,396,091	-	-	-	-	-	-	-	-	1,537,624,064
5	AES PAKGEN		RFO	348.60	0	-	-	-	0	-	-	-	-	-	-	-	-	-
6	SEPCOL		RFO	110.17	0	-	-	-	0	-	-	-	-	-	-	-	-	-
7	HCPCL		Gas	129.15	72,175,683	345,916,394	30,999,458	376,915,852	64,075,695	-	-	-	-	-	-	-	-	376,915,852
8	FKPCL		Gas	161.00	92,984,330	325,853,828	66,713,060	392,566,888	66,736,371	-	-	-	-	-	-	-	-	392,566,888
9	ROUSCH		Gas	395.00	282,236,281	1,390,860,393	75,448,040	1,466,308,433	249,272,434	-	-	-	-	-	-	-	-	1,466,308,433
10	SABA		RFO	126.55	0	-	-	-	0	-	-	-	-	-	-	-	-	-
11	JAPAN		RFO	107.00	0	-	-	-	0	-	-	-	-	-	-	-	-	-
12	UCH		Gas	551.25	368,684,000	964,165,192	84,023,084	1,048,188,276	178,192,007	-	-	-	-	-	-	-	-	1,048,188,276
13	ALTERN		Gas	28.40	20,951,910	114,704,645	13,784,282	128,488,907	21,843,114	-	-	-	-	-	-	-	-	128,488,907
14	LIBERTY		Gas	211.85	131,813,800	842,245,051	41,681,942	883,926,993	150,267,589	-	-	-	-	-	-	-	-	883,926,993
15	Davis Energy		Gas	9.50	7,948,000	43,872,165	3,922,338	47,794,503	8,125,066	-	-	-	-	-	-	-	-	47,794,503
16	CHASNUPP		Nucl	300.00	205,363,000	254,898,120	-	254,898,120	43,157,952	-	-	-	-	-	-	-	-	254,898,120
17	CHASNUPP-II		Nucl	316.00	223,200,000	251,100,000	-	251,100,000	42,487,280	-	-	-	-	-	-	-	-	251,100,000
18	IRAN		RFO	96.00	43,243,433	441,083,017	-	441,083,017	0	-	-	-	-	-	-	-	-	441,083,017
Sub Total					2,820,838,437	19,138,691,587	755,538,438	19,898,230,025	3,338,363,897	-	-	-	-	-	-	-	-	19,898,230,025
1	Attock Gen		RFO	156.18	94,821,410	746,638,335	85,149,626	831,787,961	141,403,953	(0)	-	-	-	-	-	-	-	831,787,961
2	Atlas Power		RFO	213.86	90,565,543	874,757,315	80,014,657	954,771,972	162,311,235	(1)	-	-	-	-	-	-	-	954,771,971
3	Nishat Power		RFO	195.31	112,425,788	1,120,864,500	97,810,436	1,218,674,936	207,174,739	(173,872,304)	-	-	-	-	-	-	-	1,044,802,632
4	Foundation Power		Gas	171.48	119,679,454	567,692,802	43,288,471	610,981,273	103,866,816	-	-	-	-	-	-	-	-	610,981,273
5	Orient		Gas	212.70	84,281,108	723,921,035	17,370,338	741,291,373	126,024,644	372,077,590	-	-	-	-	-	-	-	1,113,399,023
6	Nishat Chunlan		HSD		36,415,362	578,607,974	12,301,116	590,909,090	100,454,545	-	-	-	-	-	-	-	-	590,909,090
7	Saif Power		Gas	195.72	101,234,444	1,027,040,922	89,217,915	1,116,258,837	189,764,002	(186,987,656)	-	-	-	-	-	-	-	919,271,181
8	Engro Energy		Gas	205.27	80,868,489	699,286,159	28,352,482	727,638,641	123,683,471	-	-	-	-	-	-	-	-	727,638,641
			HSD		32,429,531	524,284,865	16,409,343	540,694,008	91,917,981	8,948,789	-	-	-	-	-	-	-	549,642,797
			Gas		129,458,018	655,051,170	41,258,270	696,309,440	118,372,605	(496)	-	-	-	-	-	-	-	696,308,944
9	Sapphire Power Ltd		Gas	203.17	79,349,929	464,204,501	27,510,618	491,715,119	83,591,570	(410,851,855)	(13,273,282)	(13,273,282)	-	-	-	-	-	87,589,972
			HSD		0	-	17,489,948	17,489,948	2,973,291	391,048,376	13,273,287	13,273,287	-	-	-	-	-	421,811,610
10	HUBCO Narowal		RFO	213.82	94,934,558	966,993,549	79,773,502	1,046,767,051	177,950,399	(1,719)	-	-	-	-	-	-	-	1,046,765,332
11	Liberty Power		RFO	196.14	118,464,293	1,175,267,820	116,711,021	1,291,998,841	219,639,752	(701,887)	-	-	-	-	-	-	-	1,291,296,654
12	Halmore		Gas	199.24	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			HSD		38,328,770	615,406,733	19,994,747	635,401,480	108,018,252	2,086,789	-	-	-	-	-	-	-	637,488,269
13	Uch-II		Gas	375.20	227,469,667	916,424,823	47,632,148	964,056,971	163,889,685	16,648,779	-	-	-	-	-	-	-	980,705,750
14	JOW-I		Bagasse	26.60	18,024,400	104,004,393	7,745,085	111,749,478	18,997,411	888,187	-	-	-	-	-	-	-	112,637,675
15	JOW-III		Bagasse	26.60	17,531,270	101,119,230	7,533,187	108,652,417	18,470,911	1,083,834	-	-	-	-	-	-	-	109,736,251
16	KRK		Bagasse	30.00	-	-	-	-	-	0	-	-	-	-	-	-	-	0
Sub Total					2,834,277	14,774,482,034	835,562,931	12,697,148,606	2,158,515,263	10,366,535	(3)	(3)	-	-	-	-	-	12,707,515,137
G Total					8,727.03	4,298,320,471	31,000,277,272	1,595,101,359	32,595,378,631	5,496,879,160	10,366,535	(3)	(3)	-	-	-	-	32,605,745,162