



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

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through e-mail

No. CEO/CPPA-G/8317

21<sup>st</sup> September, 2015

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

**Subject: - REVISED ENERGY PURCHASE DATA FOR THE MONTH OF AUGUST-2015**

1. This is in continuation of this office letter no. CE/CPPA-G/8139 dated 14.09.2015.
2. Monthly Energy Purchase Data for August-2015 revised on account of application of Gas rates instead of RLNG rates claimed by generators along with 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.

D.A. (As Above)

For information & n/c p.

SAT-1  
MF

Q  
3099

DD(Tariff)

Chief Financial Officer

cc: chairman

- VC/M (CA)
- MCI
- M (M&E)
- M (LIC)

Senior Advisor (Tariff)  
By No. 93887  
Date: 29-9-15

Registrar  
10/4.5  
By No. ....  
Dated: 28-9-15

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

S.No.	Power Producer	Fuel	Dep. Capacity (MW)	Energy KWh	FCC Rs.	VO&M Rs.	Total Energy Cost (Rs.)
1	<b>Hydel</b>						
i.	WAPDA	Hydel	6,902.00	4,283,561,474	-	372,108,702	372,108,702
ii.	Jagran	Hydel	30.00	15,992,710	-	31,953,435	31,953,435
iii.	Pehure	Hydel	17.90	5,154,120	-	1,468,924	1,468,924
iv.	Malekand-III SHYDO	Hydel	81.46	39,393,000	-	9,848,250	9,848,250
v.	Larsib	Hydel	84.00	38,287,000	-	7,431,507	7,431,507
	<b>Hydel Total:</b>		<b>7,115.36</b>	<b>4,382,388,304</b>	<b>-</b>	<b>422,810,818</b>	<b>422,810,818</b>
	<b>Ex-WAPDA GENCOs</b>						
	<b>GENCO-I</b>						
	Jamshoro Block 1	RFO	205.00	(310,000)	-	-	0
	Jamshoro Block 2	RFO	470.00	1,519,575	18,974,028	140,561	19,114,589
	Unit 2-4	Gas		255,483,425	1,768,087,776	23,632,217	1,791,719,993
	Kotri 3-7	Gas	106.50	57,665,470	358,808,620	5,334,056	364,142,676
	<b>Jamshoro Total</b>		<b>798.50</b>	<b>314,358,470</b>	<b>2,145,870,424</b>	<b>29,108,833</b>	<b>2,174,977,257</b>
	<b>GENCO-II</b>						
	Central Block 2	Gas	390	207,411,925	1,158,694,823	14,290,682	1,170,985,505
	Guddu CC 5-10	Gas	530	20,733,940	173,443,555	1,428,568	174,872,123
	Central Block 4	Gas	140	294,535	2,111,814	20,293	2,132,107
	Guddu 747	Gas	747	429,210,393	2,060,209,886	118,290,384	2,178,500,271
	<b>Central Total</b>		<b>2,147.00</b>	<b>657,650,793</b>	<b>3,392,460,078</b>	<b>134,029,928</b>	<b>3,526,490,008</b>
	<b>GENCO-III</b>						
	Northern Block 1	RFO	558.00	284,198,038	3,074,474,036	7,104,951	3,081,578,987
	Northern Block 2	RFO	270.00	66,785,230	714,812,962	1,669,631	716,482,593
	Northern Block 3	RFO	360.00	151,567,284	1,846,223,111	3,789,182	1,850,012,293
	<b>Northern Total:</b>		<b>1,568.00</b>	<b>602,550,552</b>	<b>5,635,510,109</b>	<b>12,563,764</b>	<b>5,648,073,873</b>
	<b>GENCO-IV</b>						
		Coal	31.20	3,003,000	13,512,699	381,681	13,894,581
	<b>Total:</b>		<b>31.20</b>	<b>3,003,000</b>	<b>13,512,699</b>	<b>381,681</b>	<b>13,894,581</b>
	<b>GENCO-V</b>						
	Nandipur	RFO	425.00	60,560,000	743,954,485	42,640,144	786,794,629
	<b>Total:</b>		<b>425.00</b>	<b>60,560,000</b>	<b>743,954,485</b>	<b>42,640,144</b>	<b>786,794,629</b>
	<b>GENCOs Total:-</b>		<b>4,969.70</b>	<b>1,538,122,815</b>	<b>11,931,307,995</b>	<b>218,922,350</b>	<b>12,150,230,346</b>
3	<b>IPPs</b>						
1	Kot Addu Block 1	RFO		223,895,900	1,756,073,419	98,275,837	1,854,349,256
		Gas	325	286,278	17,547	303,825	
		HSD		2,801,900	39,854,168	712,940	40,567,108
	Kot Addu Block 2	RFO	762	404,403,855	3,457,799,253	249,883,994	3,707,663,247
		Gas		211,295,175	13,745,200	225,040,375	
	Kot Addu Block 3	Gas	249	204,465,499	23,462,662	227,928,361	
		HSD		27,332,700	440,883,181	23,612,366	464,495,569
	<b>KAPCO Total</b>		<b>1,336.00</b>	<b>746,067,000</b>	<b>6,110,656,973</b>	<b>409,690,768</b>	<b>6,520,347,741</b>
2	Hub Power	RFO	1,200.00	634,884,800	5,819,604,689	106,355,693	5,926,160,382
3	Kohinoor Energy	RFO	124.00	73,603,000	627,862,369	42,013,359	669,875,728
4	AES Lalpir	RFO	350.00	162,408,700	1,812,571,174	29,825,099	1,842,396,273
5	Pak Gen Power Limited	RFO	348.60	-	-	-	-
6	Southern Power	RFO	110.47	-	-	-	-
7	Habibullah	Gas	129.15	74,376,774	356,429,345	31,966,171	388,395,516
8	Fauji Kabinwala	Gas	151.20	93,397,570	327,301,984	134,042,506	461,344,490
9	Rousch	Gas	395.00	287,767,686	1,418,222,487	76,927,283	1,495,149,770
10	Saba Power	RFO	125.65	-	-	-	-
11	Japan Power	RFO	107.00	-	-	-	-
12	Uch	Gas	551.25	371,522,000	970,517,204	84,669,864	1,055,187,068
13	Altern	Gas	27.12	20,567,070	112,621,274	13,454,977	126,076,251
14	Liberty	Gas	211.85	133,766,500	852,908,643	42,303,291	895,211,934
15	Davis Energen	Gas	10.00	7,538,000	41,609,006	3,720,003	45,329,009
16	Chashma Nuclear	Nucl.	300.00	149,177,000	184,979,480	-	184,979,480
17	Chashma Nuclear-II	Nucl.	316.00	32,501,000	36,563,625	-	36,563,625
18	Tavanir Iran	Import	98.00	44,215,300	464,260,650	-	464,260,650
	<b>Sub-Total:</b>		<b>5,888.19</b>	<b>2,851,832,400</b>	<b>19,136,308,903</b>	<b>974,969,014</b>	<b>20,111,277,917</b>

**CENTRAL POWER PURCHASING AGENCY (CPPA)**  
**Energy Procurement Report (Provisional)**  
**Aug-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	102,174,352	690,918,673	91,752,568	782,671,241
2	Atlas Power	RFO	213.88	121,983,800	1,048,275,041	107,772,511	1,156,047,552
3	Nishat Power	RFO	195.31	117,293,091	1,133,030,532	103,628,446	1,236,658,978
4	Foundation Power	Gas	171.48	112,372,918	531,640,251	40,577,861	572,218,112
5	Orient	Gas	212.70	51,880,319	194,878,327	10,692,535	205,570,862
		HSD		81,365,880	876,763,953	20,729,388	899,493,341
6	Nishat Chunian	RFO	195.72	108,836,580	1,092,842,070	95,917,678	1,188,759,748
7	Saif Power	Gas	203.89	31,084,012	116,054,115	10,898,055	128,952,170
		HSD		49,385,388	479,329,022	24,988,996	504,318,018
8	Engro Energy	Gas	212.98	137,655,543	695,958,395	43,870,822	739,829,217
9	Sapphire Power	Gas	203.17	40,827,908	152,433,564	13,822,823	166,258,387
		HSD		57,973,973	846,981,580	29,010,168	875,991,748
10	Hubco Narowal	RFO	213.82	108,297,493	954,020,214	91,002,333	1,045,022,547
11	Liberty Power	RFO	196.14	125,333,389	1,177,656,956	123,478,455	1,301,137,411
		Gas		-	-	-	-
12	Halmore	HSD	199.24	80,349,265	1,175,088,658	40,849,566	1,215,918,224
13	Uch-II	Gas	380.75	247,691,943	989,684,311	51,866,693	1,041,551,004
14	JDW-I	Bagasse	25.35	17,685,700	103,883,500	7,675,291	110,765,253
15	JDW-III	Bagasse	26.35	18,069,400	92,899,476	8,905,021	99,804,497
16	RYK	Bagasse	24.01	-	-	-	-
Sub-Total:			2,831.95	1,588,440,734	12,353,126,801	915,440,809	13,268,568,610
IPP's Total:-			8,720.14	4,440,273,134	31,489,434,704	1,890,409,823	33,379,844,627
4	Others						
	I. TPS-Quetta	Gas	25.00	15,771,000	135,630,800	1,086,622	136,717,222
	II. Zorlu	Wind	56.40	22,437,000	-	111,145	111,145
	III. FFCEL	Wind	49.50	19,110,000	-	-	-
	IV. TFG	Wind	49.50	19,093,100	-	-	-
	V. Foundation	Wind	49.50	33,849,000	-	-	-
	VI. Quid-e-Azam Solar Park	Solar	100.00	14,738,400	-	36,458,906	36,458,906
	VII. SPPs	Mixed	256.90	33,665,112	226,571,912	-	226,571,912
Others Total			586.80	158,463,612	362,202,512	37,654,673	399,857,186
G-Total:			21,392.00	10,519,247,865	43,782,946,211	2,569,797,665	46,352,742,876
<b>Summary</b>							
1	Hydel			4,382,388,304	-	422,810,818	422,810,818
2	Coal			3,003,000	13,512,899	381,881	13,894,581
3	HSD			279,209,066	3,860,880,582	139,903,446	4,000,784,008
4	F.O.			2,767,434,687	25,969,295,012	1,195,430,441	27,184,725,453
5	Gas			2,684,691,776	12,831,092,933	760,121,315	13,591,214,248
6	Nuclear			181,678,000	221,543,105	-	221,543,105
7	Import from Iran			44,215,300	464,260,650	-	464,260,650
8	Wind Power			94,289,100	-	111,145	111,145
9	Solar			14,738,400	-	36,458,906	36,458,906
10	Bagasse			33,935,100	195,788,138	14,561,912	210,370,050
11	Mixed			33,865,112	226,571,912	-	226,571,912
Total For The month				10,519,247,865	43,782,946,211	2,569,797,665	46,352,742,876
Prev. Adjustment				-	(2,263,563,595)	(6,967)	-2,263,572,562
Grand Total:				10,519,247,865	41,519,381,617	2,569,788,698	44,089,170,314

**Energy Sale Price**

Energy Cost (Rs.)	41,519,381,617	2,569,788,698	44,089,170,314
Cost not chargeable to DISCOs (Rs.)	99,484,777	-	99,484,777
EPP (Chargeable) (Rs.)	41,419,896,840	2,569,788,698	43,989,685,537
Energy Sold (KWh)	10,220,891,207	10,220,891,207	10,220,891,207
Avg. Rate (Rs./KWh)	4.052474	0.251425	4.303899

Supplemental EPP charges under PPA's			
			Aug-15
S.No.	Generators	Description	Amount (Million Rs.)
1	Hydel		-
2	GENCOS		-
3	IPPs	Start-Up	11.85
		PLAC	78.81
		Fuel Differential	281.89
	Sub-Total:-		372.55
	Total (1 + 2 + 3)		372.55

AUGUST-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	Fuel Differential	Suppl. Total (Rs.)	Total EPP (Rs.)	
						FCC	VO&M	Total:										
1	KAPCO	B-I	RFO	1,345.00	223,895,900	1,756,073,419	98,275,837	1,854,349,256	315,239,374			(58,538,752)	-	258,767	110,340,072	110,598,838	(315,784,685)	
			Gas		69,300	286,278	17,547	383,825	51,650			(192,679,661)	-	80	-	80	383,905	
			HSD		2,801,900	39,854,168	712,940	40,567,108	14,806,994			(732,571)	-	3,238	-	3,238	40,570,346	
		B-II	RFO		404,403,655	3,457,799,253	249,663,994	3,707,663,247	630,302,752	(2,280,732,779)		(105,733,446)	-	467,387	199,297,657	199,765,045	3,907,428,292	
			Gas		46,438,500	211,295,175	13,745,200	225,040,375	38,256,864			(12,141,588)	-	53,671	-	53,671	225,094,046	
			HSD		0	-	-	-	0			-	-	-	-	-	-	
		B-III	Gas		41,125,045	204,465,499	23,462,662	227,928,361	38,747,821			(10,752,358)	-	47,530	-	47,530	227,975,891	
			HSD		27,332,700	440,883,181	23,612,388	464,495,569	169,540,883			(7,146,277)	-	31,590	-	31,590	464,527,159	
KAPCO Total:-					1,345.00	746,067,000	6,110,656,973	409,690,768	6,520,347,741	1,206,946,338	(2,280,732,779)		(387,724,653)	-	662,263	309,637,729	310,499,992	4,550,114,954
2	HUBCO		RFO	1,200.00	634,884,800	5,818,804,689	106,355,693	5,926,160,382	1,007,447,251		-		-	11,848,536	77,944,863	-	89,793,399	6,015,953,781
3	KEL		RFO	124.00	73,603,000	627,882,369	42,013,359	669,875,728	113,878,874		-		-	-	-	-	-	669,875,728
4	AES LALPIR		RFO	347.30	182,408,700	1,812,571,174	29,825,099	1,842,396,273	313,207,366		-		-	-	-	-	-	1,842,396,273
5	AES PAKGEN		RFO	348.60	0	-	-	-	0		-		-	-	-	-	-	-
6	SEPCOL		RFO	110.17	0	-	-	-	0		-		-	-	-	-	-	-
7	HCPC		Gas	129.15	74,376,774	356,429,345	31,966,171	388,395,516	66,027,238	(14,437)		(2,454)	-	-	-	-	-	388,381,079
8	FKPCL		Gas	151.00	93,397,570	327,301,984	134,042,506	461,344,490	78,428,563		-		-	-	-	-	-	461,344,490
9	ROUSCH		Gas	395.00	287,787,686	1,418,222,487	78,927,283	1,495,149,770	254,175,461	(33,770)		(5,741)	-	-	(27,747,071)	(27,747,071)	-	1,487,368,929
10	SABA		RFO	125.55	0	-	-	-	0		-		-	-	-	-	-	-
11	JAPAN		RFO	107.00	0	-	-	-	0		-		-	-	-	-	-	-
12	UCH		Gas	551.25	371,522,000	970,517,204	84,889,984	1,055,187,068	179,381,802		-		-	-	-	-	-	1,055,187,068
13	ALTERIN		Gas	26.40	20,567,070	112,821,274	13,454,977	126,076,251	21,432,963	(76,501)		(13,005)	-	-	-	-	-	125,999,750
14	LIBERTY		Gas	211.85	133,736,520	852,908,643	42,303,291	895,211,934	152,186,029		-		-	-	-	-	-	895,211,934
15	Davis Energon		Gas	9.50	7,538,000	41,609,006	3,720,903	48,329,009	7,705,932	(68,368)		(9,823)	-	-	-	-	-	45,270,841
16	CHASNUPP		Nucl.	300.00	149,177,000	184,979,480	-	184,979,480	31,319,711		-		-	-	-	-	-	184,979,480
17	CHASNUPP-II		Nucl.	315.00	32,501,000	36,563,625	-	36,663,625	6,188,190		-		-	-	-	-	-	36,563,625
18	IRAN		RFO	96.00	44,215,300	464,260,650	-	464,260,650	0	3,061,527		34,013,455	-	-	-	-	-	487,342,177
Sub Total				-	5,892.77	2,951,832,400	19,136,308,903	974,969,014	20,111,277,917	3,438,325,717	(2,277,834,328)	-	(353,742,321)	11,848,536	78,807,126	281,890,658	372,848,320	18,205,989,909
1	Attock Gen		RFO	156.18	102,174,352	690,918,673	91,752,568	782,671,241	133,054,111	0		-	-	-	-	-	-	782,671,241
2	Atlas Power		RFO	213.86	121,983,600	1,048,275,041	107,772,511	1,156,047,552	196,528,084		-	-	-	-	-	-	-	1,156,047,552
3	Nishat Power		RFO	195.31	117,293,091	1,133,038,532	103,628,446	1,236,658,978	210,232,026	(938,998)		-	-	-	-	-	-	1,235,719,980
4	Foundation Power		Gas	171.48	112,372,918	531,640,251	40,577,661	572,218,112	97,277,079	(0)		-	-	-	-	-	-	572,218,112
5	Orient		Gas	212.70	51,650,319	184,678,327	10,892,535	205,370,862	34,913,047	(1,472,067,255)	(441)	(441)	-	-	-	-	-	(1,266,686,834)
		HSD	61,365,880		878,763,953	20,729,388	899,493,341	152,913,868	(8,955,993)	(3,945)	(3,945)	-	-	-	-	899,533,403		
6	Nishat Chunian		RFO	195.72	108,836,580	1,092,842,070	95,817,678	1,188,759,748	202,069,157	(255,844)		-	-	-	-	-	-	1,188,504,204
7	Saf Power		Gas	203.89	31,084,012	118,054,115	10,898,056	128,952,170	21,581,889		-		-	-	-	-	-	128,952,170
		HSD	49,385,368		479,329,022	24,988,996	504,318,018	85,734,063		-		-	-	-	-	504,318,018		
8	Engro Energy		Gas	212.98	137,655,543	696,958,385	43,870,822	739,829,217	125,770,967	2,822,753,780	0	0	-	-	-	-	-	2,762,582,998
		HSD	-		-	-	-	-	-	-		-	-	-	-	-	-	
9	Sapphire Power Ltd		Gas	203.17	40,827,908	152,433,564	13,822,823	166,256,387	28,263,586	(789,883,926)		-	-	-	-	-	-	(803,827,539)
		HSD	57,973,973		846,981,580	29,010,168	875,991,748	148,918,597		-		-	-	-	-	875,991,748		
10	HUBCO-Narowal		RFO	213.82	108,297,493	954,020,214	91,902,333	1,045,922,547	177,653,833	(1,829,398)		-	-	-	-	-	-	1,043,093,148
11	Liberty Power		RFO	196.14	125,333,389	1,177,658,956	123,478,455	1,301,137,411	221,193,360	(18,298,889)	(761)	(761)	-	-	-	-	-	1,285,837,761
12	Halmora		Gas	199.24	-	-	-	-	-	-		-	-	-	-	-	-	-
		HSD	80,348,265		1,178,068,658	40,849,566	1,215,918,224	206,708,088		-		-	-	-	-	1,215,918,224		
13	Uch-II		Gas	375.20	247,691,943	989,684,311	61,866,693	1,041,551,004	177,063,671	34,984,110	(3,821)	(3,821)	-	-	-	-	-	1,076,531,293
14	JDW-I		Bagasse	26.60	17,865,700	103,088,662	7,676,891	110,765,553	18,830,144		-		-	-	-	-	-	110,765,553
15	JDW-II		Bagasse	26.60	18,069,400	92,699,476	6,905,021	99,604,497	16,932,764		-		-	-	-	-	-	99,604,497
16	RYK		Bagasse	30.00	-	-	-	-	-		-		-	-	-	-	-	-
Sub Total				-	2,832.89	1,588,440,734	12,353,125,801	915,440,809	13,268,566,610	2,255,656,324	(211,582,113)	(8,067)	(8,967)	-	-	-	-	13,056,975,530
G-Total				-	8,725.65	4,440,273,134	31,489,434,704	1,890,409,823	33,379,844,527	5,693,982,041	(2,489,416,441)	(8,067)	(353,751,288)	11,848,536	78,807,126	281,890,658	372,848,320	31,262,965,439