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



No. CEO/CPPA-G/ 615

22nd January, 2016

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

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

Monthly Energy Purchase Data for December-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), NEPRA.

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)

[Signature]
22/1/16
Chief Financial Officer

Urgent.

For information & u/c R.

SAT-1

ME

Copy to:

- Sr. Tech,
- Dir (Lic,
- Consultant (G)
- Consultant (T&D)

cc: Chairman
- mct,

Senior Advisor Tariff-1
By No. 715
Date 26-1-16

By No. 860
Dated 26-01-16

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

Dec-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	1,735,178,022	-	-	-
ii.	Jagran	Hydel	30.00	2,984,790	-	160,733,110	150,733,180
iii.	Pehuro	Hydel	17.90	3,969,000	-	5,963,610	5,963,610
iv.	Malakand-II SHYDO	Hydel	81.45	22,619,000	-	1,131,165	1,131,165
v.	Loralb	Hydel	84.00	37,856,000	-	5,654,760	5,654,760
	Hydel Total:		7,116.36	1,802,706,812	-	7,648,134	7,648,134
	Ex-WAPDA GENCOs					171,130,819	171,130,839
	GENCO-I						
	Jamshoro Block 1	RFO	205.00	39,610,500	302,277,462	3,663,911	305,941,423
	Jamshoro Block 2	RFO	470.00	45,743,448	380,215,361	4,231,269	384,446,630
	Unit 2-4	Gas		195,954,052	1,629,555,473	18,125,710	1,847,632,223
	Kotri 3-7	Gas	108.50	64,775,000	439,792,906	5,068,668	444,859,694
	Jamshoro Total		758.50	336,083,000	2,751,842,192	31,087,878	2,782,929,870
	GENCO-II						
	Central Block 2	Gas	390	135,319,002	898,044,657	9,323,479	907,368,036
	Guddu CC 5-10	Gas	530	3,035,177	30,214,580	209,124	30,423,704
	Guddu Steam 3-4	Gas	340	21,061,421	167,647,201	1,460,443	169,097,644
	Guddu 747	Gas	747	68,930,919	330,868,411	18,997,361	349,865,772
	Central Total		2,147.00	228,338,519	1,426,774,749	29,980,407	1,456,755,156
	GENCO-III						
	Northern Block 1	RFO					
	MG Unit 1-3	Gas	558.00	58,816,885	531,861,683	1,470,422	533,322,105
	Northern Block 2	RFO		33,114,296	296,763,698	827,857	297,591,555
	MG Unit 4	Gas	270.00				
	Northern Block 3	RFO	360.00	18,877,913	192,379,148	471,943	192,851,098
	Nandipur	RFO					
	Adjustment	HSD	411.35	138,707,000	1,021,154,463	61,746,885	1,082,901,148
	Northern Total:		1,979.35	246,516,094	2,042,148,991	64,516,912	2,106,665,904
	GENCO-IV						
		Coal	31.20	9,999,000	44,993,500	1,270,871	46,264,373
	Total:		31.20	9,999,000	44,993,500	1,270,871	46,264,373
	GENCOs Total:-		5,381.05	820,934,613	6,265,759,433	126,665,870	6,392,615,303
3	IPPs						
1	Kot Addu Block 1	RFO	325	177,060,800	1,134,710,667	77,718,241	1,212,428,909
		Gas		40,479,100	283,875,070	10,243,001	294,118,072
	Kot Addu Block 2	RFO	782	235,517,200	1,659,723,790	145,516,151	1,805,239,947
		Gas		41,000	315,370	12,131	327,506
	KAPCO Total		1,336.00	459,902,000	3,178,902,579	239,209,721	3,418,112,306
2	Hub Power	RFO	1,200.00	737,454,600	5,211,245,770	123,538,151	5,334,783,922
3	Kohinoor Energy	RFO	124.00	78,238,000	495,882,358	44,859,061	540,841,424
4	AES Lalpur	RFO	350.00	215,122,600	1,498,940,933	35,174,051	1,534,114,984
5	Pak Gen Power Limited	RFO	348.80				
6	Southern Power	RFO	110.47				
7	Habibullah	Gas	129.15	10,457,428	59,644,075	6,065,444	64,709,519
8	Fauji Kabinwala	Gas	151.20	102,712,230	539,988,796	73,692,531	613,681,329
9	Roush	Gas	398.00	217,707,079	1,603,861,456	58,194,331	1,882,055,796
10	Saba Power	RFO	125.55				
11	Japan Power	RFO	107.00				
12	Uch	Gas	651.25	408,867,000	1,054,102,783	93,160,789	1,147,283,572
13	Altern	Gas	27.12				
14	Liberty	Gas	211.85	159,388,000	1,114,738,108	50,391,525	1,165,129,637
15	Davis Energen	Gas	10.00	5,689,000	37,302,020	2,781,778	40,083,798
16	Chashma Nuclear	Nucl.	300.00				
17	Chashma Nuclear-II	Nucl.	315.00	228,372,000	242,059,680		242,059,680
18	Tavanir Iran	Import	96.00	34,661,067	363,941,204		363,941,204
	Sub-Total:		5,888.19	2,656,629,004	19,400,609,662	725,887,407	16,126,497,069

Am
25/01/16

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

S No.	Power Producer	Fuel	Dep. Capacity (MW)	Energy KWh	FCC Rs.	VO&M Rs.	Total Energy Cost (Rs.)
1	Attock-Gen	RFO	156.16	109,876,367	534,724,801	100,923,214	835,648,065
2	Atta Power	RFO	213.86	126,706,424	877,293,101	113,813,611	991,106,792
3	Nishat Power	RFO	196.31	138,466,253	948,467,020	125,367,315	1,073,824,365
4	Foundation Power	Gas	171.48	89,827,971	521,873,838	33,263,218	555,137,136
5	Orient	Gas	212.70	51,688,420	387,827,437	10,957,911	378,785,388
		HSD		32,064,847	435,405,774	11,145,711	446,551,515
6	Nishat Chunian	RFO	195.72	127,562,669	889,130,812	115,205,410	1,004,336,292
7	Saf Power	Gas	203.89	89,308,747	406,003,698	21,382,815	429,396,363
		HSD		18,247,331	239,222,509	9,499,511	249,722,970
8	Engro Energy	Gas	212.90	127,406,896	775,974,190	41,623,506	817,597,696
9	Sapphire Power	Gas	203.17	45,973,780	322,980,174	16,398,817	339,379,021
		HSD		25,463,518	343,767,453	13,108,814	358,886,067
10	Hubco Narowal	RFO	213.82	77,429,690	544,538,523	66,465,611	611,004,164
11	Liberty Power	RFO	199.14	130,331,780	892,615,596	131,465,616	1,024,081,262
12	Halmore	Gas	189.24	53,483,301	388,915,053	19,377,010	388,292,063
		HSD		16,840,759	224,303,044	8,807,717	233,110,761
13	Uch-II	Gas	380.76	238,636,701	1,154,610,152	50,569,710	1,205,179,882
14	JDW-I	Bagasse	28.35	14,435,300	83,294,669	6,202,818	89,497,417
15	JDW-III	Bagasse	28.35	15,198,810	87,700,173	6,530,919	94,231,102
16	RYK	Bagasse	24.01	12,189,900	74,584,079	5,331,215	79,915,324
17	Chiniot Power	Bagasse	62.40	13,694,950	79,284,585	6,862,716	86,147,301
Sub-Total:			2,831.95	1,520,721,301	10,174,498,580	914,313,418	11,088,810,036
IPP's Total:-			8,720.14	4,177,250,305	25,575,106,242	1,840,200,813	27,215,307,105
4	Others						
	i. TPS-Quetta	Gas	25.00	(39,000)	(335,400)	(2,617)	-338,087
	ii. Zorlu	Wind	56.40	6,494,870	-	19,014	19,024
	iii. FFCBL	Wind	49.50	6,403,000	-	-	-
	iv. TGF	Wind	49.50	6,411,800	-	-	-
	v. Foundation	Wind	49.50	6,753,550	-	-	-
	vi. Sapphire Wind Power	Wind	49.50	6,025,430	-	-	-
	vii. Quid-e-Azam Solar Park	Solar	100.00	10,865,690	-	26,877,311	26,877,371
	viii. SPPs	Mixed	256.90	31,963,168	229,988,752	-	229,988,752
Others Total			636.30	78,878,508	229,653,352	26,893,719	256,547,050
G-Total:			21,852.85	6,879,770,238	32,070,519,027	1,965,081,210	34,035,600,307

Summary

1	Hydel			1,802,706,812	-	171,130,819	171,130,839
2	Coal			9,999,000	44,993,600	1,270,813	48,264,373
3	HSD			99,420,352	1,342,988,482	48,281,813	1,391,248,265
4	F.O.			2,484,424,315	17,411,905,176	1,152,258,918	18,584,164,083
5	Gas			2,087,550,224	12,109,800,948	540,314,713	12,650,115,662
6	Nuclear			226,372,000	242,059,680	-	242,059,680
7	Import from Iran			34,661,067	363,941,204	-	383,941,204
8	Wind Power			36,088,650	-	19,014	19,024
9	Solar			10,865,690	-	26,877,311	26,877,371
10	Bagasse			65,718,960	324,863,406	24,927,718	349,791,144
11	Mixed			31,963,168	229,988,752	-	229,988,752
Total For The month				6,879,770,238	32,070,519,027	1,965,081,210	34,035,600,307
Prev. Adjustment				-	4,446,592,607	680,320,911	5,126,913,509
Grand Total:				6,879,770,238	36,517,111,635	2,645,402,111	39,162,813,816

Energy Sale Price

Energy Cost (Rs.)	36,517,111,635	2,645,402,111	39,162,813,816
Cost not chargeable to DISCOs (Rs.)	111,393,129	-	111,393,129
EPP (Chargeable) (Rs.)	36,405,718,506	2,645,402,111	39,051,120,607
Energy Sold (KWh)	6,673,798,963	6,673,798,963	6,673,798,963
Avg. Rate (Rs./KWh)	5.455022	0.396316	5.851408

Ans
25/1/16

Supplemental EPP charges under PPA's			
Dec-15			
S.No.	Generators	Description	Amount (Million Rs.)
1	Hydel		-
2	GENCOS		-
3	IPPs	Start-Up	2.32
		PLAC	13.06
		Open Cycle	51.02
		Fuel Differential	683.90
		E-Duty	14.27
		Sub-Total:-	764.57
		Total (1 + 2 + 3)	764.57

Ans
28/01/16

EPF without Mark-UP
December-15

S/N		IPPS	Block	Fuel	Capacity (MW)	Energy (MWh)	Energy Payment Price (EPF)													
							FCG	Our Month EPF (Rs.)	GCAT	Prev. Adjustment	Adjusted	GST	BratUP	PLUC	Open Cycle	Fuel Differential	F. Rate	Suppl. Total (Rs.)	GST On Suppl.	Total EPF (Rs.)
1	KAPCO	B-II	RFO	1,345.00	1,345.00	1,134,716.667	77,718.242	1,27,028.809	212,486.782	(2,042.656)	(166,969)	-	-	18,043.273	331,948.481	-	331,948.481	1,588,977.808	1,588,977.808	
			HSD		259,696	3,381,898	69,896	3,447,283	1,658,684	(46)	(667)	-	-	28,483	4,440,318	-	4,440,318	28,483	28,483	
			Gas		41,000	1,000,732.790	145,515.187	1,000,239.947	201,041,868	(4,041,483)	(607,831)	-	-	28,178,818	451,182,611	-	451,182,611	3,478,478	3,478,478	
			HSD			315,370	12,148	321,493	50,875	(1)	(166)	-	-	4,443	4,548	-	4,548	164,150,334	2,277,401,121	
			Gas									-	-			-		222,053		
KAPCO Total:						6,345,306	96,888,094	5,656,235	102,558,419	40,560,464	(113)	-	-	755,145	728,145	-	728,145	104,278,511	104,278,511	
2	HUBCO	RFO	RFO	1,300.00	1,300.00	1,134,716.667	77,718.242	1,27,028.809	212,486.782	(2,042.656)	(166,969)	-	-	18,043.273	331,948.481	-	331,948.481	1,588,977.808	1,588,977.808	
			HSD		259,696	3,381,898	69,896	3,447,283	1,658,684	(46)	(667)	-	-	28,483	4,440,318	-	4,440,318	28,483	28,483	
			Gas		41,000	1,000,732.790	145,515.187	1,000,239.947	201,041,868	(4,041,483)	(607,831)	-	-	28,178,818	451,182,611	-	451,182,611	3,478,478	3,478,478	
			HSD			315,370	12,148	321,493	50,875	(1)	(166)	-	-	4,443	4,548	-	4,548	164,150,334	2,277,401,121	
			Gas									-	-			-		222,053		
			RFO	1,300.00	1,300.00	1,134,716.667	77,718.242	1,27,028.809	212,486.782	(2,042.656)	(166,969)	-	-	18,043.273	331,948.481	-	331,948.481	1,588,977.808	1,588,977.808	
			HSD		259,696	3,381,898	69,896	3,447,283	1,658,684	(46)	(667)	-	-	28,483	4,440,318	-	4,440,318	28,483	28,483	
			Gas		41,000	1,000,732.790	145,515.187	1,000,239.947	201,041,868	(4,041,483)	(607,831)	-	-	28,178,818	451,182,611	-	451,182,611	3,478,478	3,478,478	
			HSD			315,370	12,148	321,493	50,875	(1)	(166)	-	-	4,443	4,548	-	4,548	164,150,334	2,277,401,121	
			Gas									-	-			-		222,053		
HUBCO Total:						6,345,306	96,888,094	5,656,235	102,558,419	40,560,464	(113)	-	-	755,145	728,145	-	728,145	104,278,511	104,278,511	
3	AES LAUR	RFO	RFO	1,300.00	1,300.00	1,134,716.667	77,718.242	1,27,028.809	212,486.782	(2,042.656)	(166,969)	-	-	18,043.273	331,948.481	-	331,948.481	1,588,977.808	1,588,977.808	
			HSD		259,696	3,381,898	69,896	3,447,283	1,658,684	(46)	(667)	-	-	28,483	4,440,318	-	4,440,318	28,483	28,483	
			Gas		41,000	1,000,732.790	145,515.187	1,000,239.947	201,041,868	(4,041,483)	(607,831)	-	-	28,178,818	451,182,611	-	451,182,611	3,478,478	3,478,478	
			HSD			315,370	12,148	321,493	50,875	(1)	(166)	-	-	4,443	4,548	-	4,548	164,150,334	2,277,401,121	
			Gas									-	-			-		222,053		
			RFO	1,300.00	1,300.00	1,134,716.667	77,718.242	1,27,028.809	212,486.782	(2,042.656)	(166,969)	-	-	18,043.273	331,948.481	-	331,948.481	1,588,977.808	1,588,977.808	
			HSD		259,696	3,381,898	69,896	3,447,283	1,658,684	(46)	(667)	-	-	28,483	4,440,318	-	4,440,318	28,483	28,483	
			Gas		41,000	1,000,732.790	145,515.187	1,000,239.947	201,041,868	(4,041,483)	(607,831)	-	-	28,178,818	451,182,611	-	451,182,611	3,478,478	3,478,478	
			HSD			315,370	12,148	321,493	50,875	(1)	(166)	-	-	4,443	4,548	-	4,548	164,150,334	2,277,401,121	
			Gas									-	-			-		222,053		
AES LAUR Total:						6,345,306	96,888,094	5,656,235	102,558,419	40,560,464	(113)	-	-	755,145	728,145	-	728,145	104,278,511	104,278,511	
4	AES PAKGEN	RFO	RFO	1,300.00	1,300.00	1,134,716.667	77,718.242	1,27,028.809	212,486.782	(2,042.656)	(166,969)	-	-	18,043.273	331,948.481	-	331,948.481	1,588,977.808	1,588,977.808	
			HSD		259,696	3,381,898	69,896	3,447,283	1,658,684	(46)	(667)	-	-	28,483	4,440,318	-	4,440,318	28,483	28,483	
			Gas		41,000	1,000,732.790	145,515.187	1,000,239.947	201,041,868	(4,041,483)	(607,831)	-	-	28,178,818	451,182,611	-	451,182,611	3,478,478	3,478,478	
			HSD			315,370	12,148	321,493	50,875	(1)	(166)	-	-	4,443	4,548	-	4,548	164,150,334	2,277,401,121	
			Gas									-	-			-		222,053		
			RFO	1,300.00	1,300.00	1,134,716.667	77,718.242	1,27,028.809	212,486.782	(2,042.656)	(166,969)	-	-	18,043.273	331,948.481	-	331,948.481	1,588,977.808	1,588,977.808	
			HSD		259,696	3,381,898	69,896	3,447,283	1,658,684	(46)	(667)	-	-	28,483	4,440,318	-	4,440,318	28,483	28,483	
			Gas		41,000	1,000,732.790	145,515.187	1,000,239.947	201,041,868	(4,041,483)	(607,831)	-	-	28,178,818	451,182,611	-	451,182,611	3,478,478	3,478,478	
			HSD			315,370	12,148	321,493	50,875	(1)	(166)	-	-	4,443	4,548	-	4,548	164,150,334	2,277,401,121	
			Gas									-	-			-		222,053		
AES PAKGEN Total:						6,345,306	96,888,094	5,656,235	102,558,419	40,560,464	(113)	-	-	755,145	728,145	-	728,145	104,278,511	104,278,511	
5	BENCOL	RFO	RFO	1,300.00	1,300.00	1,134,716.667	77,718.242	1,27,028.809	212,486.782	(2,042.656)	(166,969)	-	-	18,043.273	331,948.481	-	331,948.481	1,588,977.808	1,588,977.808	
			HSD		259,696	3,381,898	69,896	3,447,283	1,658,684	(46)	(667)	-	-	28,483	4,440,318	-	4,440,318	28,483	28,483	
			Gas		41,000	1,000,732.790	145,515.187	1,000,239.947	201,041,868	(4,041,483)	(607,831)	-	-	28,178,818	451,182,611	-	451,182,611	3,478,478	3,478,478	
			HSD			315,370	12,148	321,493	50,875	(1)	(166)	-	-	4,443	4,548	-	4,548	164,150,334	2,277,401,121	
			Gas									-	-			-		222,053		
			RFO	1,300.00	1,300.00	1,134,716.667	77,718.242	1,27,028.809	212,486.782	(2,042.656)	(166,969)	-	-	18,043.273	331,948.481	-	331,948.481	1,588,977.808	1,588,977.808	
			HSD		259,696	3,381,898	69,896	3,447,283	1,658,684	(46)	(667)	-	-	28,483	4,440,318	-	4,440,318	28,483	28,483	
			Gas		41,000	1,000,732.790	145,515.187	1,000,239.947	201,041,868	(4,041,483)	(607,831)	-	-	28,178,818	451,182,611	-	451,182,611	3,478,478	3,478,478	
			HSD			315,370	12,148	321,493	50,875	(1)	(166)	-	-	4,443	4,548	-	4,548	164,150,334	2,277,401,121	
			Gas									-	-			-		222,053		
BENCOL Total:						6,345,306	96,888,094	5,656,235	102,558,419	40,560,464	(113)	-	-	755,145	728,145	-	728,145	104,278,511	104,278,511	
6	WPCOL	RFO	RFO	1,300.00	1,300.00	1,134,716.667	77,718.242	1,27,028.809	212,486.782	(2,042.656)	(166,969)	-	-	18,043.273	331,948.481	-	331,948.481	1,588,977.808	1,588,977.808	
			HSD		259,696	3,381,898	69,896	3,447,283	1,658,684	(46)	(667)	-	-	28,483	4,440,318	-	4,440,318	28,483	28,483	
			Gas		41,000	1,000,732.790	145,515.187	1,000,239.947	201,041,868	(4,041,483)	(607,831)	-	-	28,178,818	451,182,611	-	451,182,611	3,478,478	3,478,478	
			HSD			315,370	12,148	321,493	50,875	(1)	(166)	-	-	4,443	4,548	-	4,548	164,150,334	2,277,401,121	
			Gas									-	-			-		222,053		
			RFO	1,300.00	1,300.00	1,134,716.667	77,718.242	1,27,028.809	212,486.782	(2,042.656)	(166,969)	-	-	18,043.273	331,948.481	-	331,948.481	1,588,977.808	1,588,977.808	
			HSD		259,696	3,381,898	69,896	3,447,283	1,658,684	(46)	(667)	-	-	28,483	4,440,318	-	4,440,318	28,483	28,483	
			Gas		41,000	1,000,732.790	145,515.187	1,000,239.947	201,041,868	(4,041,483)	(607,831)	-	-	28,178,818	451,182,611	-	451,182,611	3,478,478	3,478,478	
WPCOL Total:						6,345,306	96,888,094	5,656,235	102,558,419	40,560,464	(113)	-	-	755,145	728,145	-	728,145	104,278,511	104,278,511	
7	SARF POWER	RFO	RFO	1,300.00	1,300.00	1,134,716.667	77,718.242	1,27,028.809	212,486.782	(2,042.656)	(166,969)	-	-	18,043.273	331,948.481	-	331,948.481	1,588,977.808	1,588,977.808	
			HSD		259,696	3,381,898	69,896	3,447,283	1,658,684	(46)	(667)	-	-	28,483	4,440,318	-	4,440,318	28,483	28,483	
			Gas		41,000	1,000,732.790	145,515.187	1,000,239.947	201,041,868	(4,041,483)	(607,831)	-	-	28,178,818	451,182,611	-	451,182,611	3,478,478		

CERTIFICATE

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

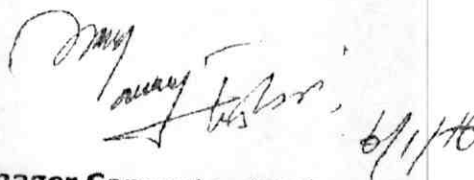
- I. It is certified that Merit order was followed as defined under section 2 (I) (x) of the
Electricity Regulation Act, 1997, while operating power plants in its
fleet during month of December 2015
- II. Claimed Partial Loading Adjustment charges (PLAC) was not due to fuel
constraint but was strictly 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.


19-1-2016
Chief Engineer (Network Operat.on)
NPCC, NTDC, Islamabad

CERTIFICATE
FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF
REGARDING 1994 POWER POLICY (HUBCO & KAPCO INCLUSIVE)
FOR THE MONTH OF DECEMBER ,2015

This is to certify that :-

- i) All purchases have been made from IPP's Under 1994 Policy, including HUBCO , KAPCO & Chasnupp and Excluding Tavanir, having valid generation License issued by NEPRA.
 - ii) Invoices of all Electricity Purchaser have been made strictly in accordance with the rates, Terms & conditions as stipulated in the respective Power Purchase Agreement.
 - iii) All payments to IPP's are being made after observing all formalities provided in the respective Power Purchase Agreement.
 - iv) All Sales / Purchases have been made in accordance with the Power Purchase Agreement.
2. The above statement is true and based on facts and verifiable documentary evidence. In case of any deviation / Variation observed if not rectified at later stage, WPPO will be responsible for the consequences arising out of any misstatement under NEPRA Act, Rules & XRegulations made there under a relevant Law of the country, whichever is applicable.


Manager Computer CPPA-G .