



National Transmission & Dispatch Company Limited

Chief Operating Officer
Central Power Purchasing Agency

No. COO/CPPA/1522

22nd May, 2015

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

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

Monthly Energy Purchase Data for March-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.

Besides above, as advised by Authority, detail of SPP's cost not charged due to court cases is attached herewith.

Kindly let us know, in case any further clarification/information is desired.

D.A. (As Above)

For information &
M/A.

~~SAT-I~~

Copy to:

26.05.15

General Manager
(CPPA)

- SA (Tech) 28/5-cc: chairman
- Dir (Lic) vc/m(ca)
- Consultant (Gen.) DDC-III M(T)
- Consultant (Dist.) M(M&E)
- M/F M(Lic)

Serial No. 4773
By No. 4773
Date: 27-5-15

Registrar 5663
Dy No.
Dated 26-05-15

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
Mar-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	1,269,733,348	-	110,300,466	110,300,466
ii.	Jagran	Hydel	30.00	1,599,100	-	3,195,002	3,195,002
iii.	Pehure	Hydel	17.90	904,680	-	257,834	257,834
iv.	Malakand-III SHYDO	Hydel	81.46	40,363,000	-	10,090,750	10,090,750
v.	Laraib	Hydel	84.00	51,559,000	-	10,347,891	10,347,891
	Hydel Total:		7,115.36	1,364,159,128	-	134,191,943	134,191,943
	Ex-WAPDA GENCOs						
	GENCO-I						
	Jamshoro Block 1	RFO	205.00	68,805,000	771,018,580	6,364,463	777,383,043
	Jamshoro Block 2	RFO	470.00	256,071,000	3,155,262,287	23,686,568	3,178,948,855
	Kotri 3-7	Gas	106.50	14,609,010	93,551,373	1,351,333	94,902,706
	Jamshoro Total		798.50	339,485,010	4,019,832,240	31,402,363	4,051,234,603
	GENCO-II						
	Central Block 2	Gas	390	218,038,884	1,215,959,248	15,022,879	1,230,982,127
	Guddu CC 5-10	Gas	530	4,760,757	39,824,684	328,016	40,152,700
	Guddu Steam 3-4	Gas	340	32,392,466	216,773,622	2,231,841	219,005,463
	Central Block 4	Gas	140	20,064,193	143,860,264	1,382,423	145,242,687
	Guddu 747	Gas		245,627,472	1,121,535,037	67,694,931	1,189,229,968
	Central Total		1,400.00	520,883,772	2,737,952,855	86,660,090	2,824,612,946
	GENCO-III						
	Northern Block 1	RFO	558.00	152,405,237	1,847,458,096	3,810,131	1,851,268,227
	MG Unit 1-3	Gas		-	-	-	0
	Northern Block 2	RFO	270.00	47,510,605	573,151,004	1,187,765	574,338,770
	MG Unit 4	Gas		-	-	-	0
	Northern Block 3	RFO	360.00	66,473,086	897,069,156	1,661,827	898,730,983
	GTPS FSD 5-9	Gas	117.00	2,876,559	14,551,404	71,964	14,623,368
	GTPS FSD 1-4	Gas	75.00	9,441	85,334	236	85,570
	Northern Total:		1,568.00	269,276,928	3,332,314,995	6,731,923	3,339,046,918
	GENCO-IV						
		Coal	31.20	7,582,000	34,117,484	963,672	35,081,156
	Total:		31.20	7,582,000	34,117,484	963,672	35,081,156
	GENCO-V						
	Nandipur	RFO	425.00	36,472,000	353,413,680	14,953,520	368,367,200
	Total:		425.00	36,472,000	353,413,680	14,953,520	368,367,200
	GENCOs Total:-		3,797.70	1,173,699,710	10,477,631,254	140,711,569	10,618,342,823
3	IPPs						
1	Kot Addu Block 1	RFO		205,067,900	1,643,998,607	107,875,586	1,751,874,193
		Gas	325	1,413,700	6,221,729	743,674	6,965,403
		HSD		2,360,300	34,359,745	1,241,631	35,601,376
	Kot Addu Block 2	RFO	762	198,277,200	1,783,865,682	104,303,351	1,888,169,033
		Gas		31,948,600	156,460,111	16,806,501	173,266,612
		Gas	249	34,549,100	184,794,475	18,174,490	202,968,965
		HSD		15,342,200	263,461,628	8,070,736	271,532,364
	KAPCO Total		1,336.00	488,959,000	4,073,161,976	257,215,970	4,330,377,946
2	Hub Power	RFO	1,200.00	554,787,100	5,661,773,349	101,326,577	5,763,099,926
3	Kohinoor Energy	RFO	124.00	65,617,000	568,184,967	37,662,365	605,847,332
4	AES Lalpur	RFO	350.00	147,051,400	1,406,141,808	24,177,162	1,430,318,970
5	Pak Gen Power Limited	RFO	348.60	-	-	-	-
6	Southern Power	RFO	110.47	-	-	-	-
7	Habibullah	Gas	129.15	40,213,518	159,965,353	19,596,049	179,561,402
8	Fauji Kabirwala	Gas	151.20	89,105,000	381,186,676	64,284,114	445,470,790
9	Rousch	Gas	395.00	150,280,191	614,682,983	40,397,487	655,080,470
10	Saba Power	RFO	125.55	-	-	-	-
11	Japan Power	RFO	107.00	-	-	-	-
12	Uch	Gas	551.25	383,921,000	986,395,137	87,994,693	1,074,389,830
13	Altern	Gas	27.12	20,425,140	92,968,332	13,446,301	106,414,633
14	Liberty	Gas	211.85	4,673,000	669,299,041	4,673,000	673,972,041
15	Davis Energen	Gas	10.00	6,071,000	27,814,287	2,947,471	30,761,758
16	Chashma Nuclear	Nucl.	300.00	224,068,000	277,844,320	-	277,844,320
17	Chashma Nuclear-II	Nucl.	315.00	227,893,000	256,379,625	-	256,379,625
18	Tavanir Iran	Import	96.00	32,808,739	334,649,138	-	334,649,138
	Sub-Total:		5,888.15	2,435,873,088	15,510,446,992	653,721,189	16,164,168,181

Am
22/05/15

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
Mar-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	107,742,149	876,773,939	95,362,576	972,136,515
2	Atlas Power	RFO	213.86	129,594,576	1,081,036,453	112,837,997	1,193,874,450
3	Nishat Power	RFO	195.31	122,835,081	952,760,356	106,952,505	1,059,712,861
4	Foundation Power	Gas	171.48	107,131,391	424,157,655	38,095,923	462,253,578
5	Orient	Gas	212.70	5,679,074	23,284,203	1,149,451	24,433,654
6	Nishat Chunian	HSD	195.72	67,518,549	882,086,560	22,409,407	904,495,967
7	Saif Power	RFO	205.27	119,228,214	1,020,564,571	103,561,627	1,124,126,198
8	Engro Energy	Gas	212.98	10,687,680	40,112,980	3,680,837	43,793,817
9	Saphire Power	HSD	203.17	74,245,809	1,034,396,500	36,907,592	1,071,304,092
10	Hubco Narowal	Gas	212.98	140,500,896	591,238,257	44,103,231	635,341,488
11	Liberty Power	Gas	203.17	5,949,721	22,739,645	2,026,475	24,766,120
12	Halmore	HSD	203.17	59,466,740	836,838,623	29,227,911	866,066,534
13	Uch-II	RFO	213.82	126,946,749	1,077,928,319	105,416,584	1,183,344,903
14	JDW-I	RFO	196.14	135,832,694	1,039,476,059	131,975,045	1,171,451,104
15	JDW-III	Gas	199.24	-	-	-	-
16	RYK	HSD	199.24	83,909,569	1,133,041,560	41,904,439	1,174,945,999
		Gas	380.75	98,778,979	395,688,881	13,769,790	409,458,671
		Bagasse	26.35	13,643,800	78,727,455	5,862,741	84,590,196
		Bagasse	26.35	15,358,920	88,624,040	6,599,728	95,223,768
		Bagasse	30.00	12,872,200	74,275,169	5,531,184	79,806,353
Sub-Total:			2,375.87	1,437,922,791	11,673,751,225	907,375,043	12,581,126,268
IPP's Total:-			8,264.06	3,873,795,879	27,184,198,217	1,561,096,232	28,745,294,449
4	Others						
	i. TPS-Quetta	Gas	25.00	(39,000)	(335,400)	(2,687)	-338,087
	ii. Zorlu	Wind	56.40	9,762,000	-	36,568	36,568
	iii. FFCEL	Wind	49.50	8,168,000	-	-	-
	iv. TFG	Wind	49.50	9,852,700	-	-	-
	v. Foundation	Wind	49.50	5,503,000	-	-	-
	vi. SPPs	Mixed	256.90	96,194,728	845,600,995	-	845,600,995
Others Total			486.80	129,441,428	845,265,595	33,881	845,299,475
G Total			19,663.92	6,541,096,145	38,507,095,066	1,836,033,625	40,343,128,690

Summary

1	Hydel			1,364,159,128	-	134,191,943	134,191,943
2	Coal			7,582,000	34,117,484	963,672	35,081,156
3	HSD			302,843,167	4,184,184,616	139,761,716	4,323,946,332
4	F.O.			2,540,716,991	24,709,876,913	1,083,115,649	25,792,992,562
5	Gas			1,669,669,772	7,622,815,312	459,970,424	8,082,785,735
6	Nuclear			451,961,000	534,223,945	-	534,223,945
7	Import from Iran			32,808,739	334,649,138	-	334,649,138
8	Wind Power			33,285,700	-	36,568	36,568
9	Bagasse			41,874,920	241,626,664	17,993,653	259,620,317
10	Mixed			96,194,728	845,600,995	-	845,600,995
Total For The month				6,541,096,145	38,507,095,066	1,836,033,625	40,343,128,690
Prev. Adjustment				-	(129,984,390)	14,237,895	-115,746,495
Grand Total:				6,541,096,145	38,377,110,676	1,850,271,520	40,227,382,195

Energy Sale Price

Energy Cost (Rs.)	38,377,110,676	1,850,271,520	40,227,382,195
Cost not chargeable to DISCOs (Rs.)	48,371,964		48,371,964
EPP (Chargeable) (Rs.)	38,328,738,712	1,850,271,520	40,179,010,231
Energy Sold (KWh)	6,344,521,206	6,344,521,206	6,344,521,206
Avg. Rate (Rs./KWh)	6.041234	0.291633	6.332867

Am
22/6/15

Supplemental EPP charges under PPA's			
			Mar-15
S.No.	Generators	Description	Amount (Million Rs.)
1	Hydel		-
2	GENCOS		-
3	IPPs	Start-Up	10.83
		Open Cycle	13.83
		Bonus	14.81
		E-Duty	28.74
		Sub-Total:-	68.22
		Total (1 + 2 + 3)	68.22

Amr
22/05/15

March-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	Open Cycle	Bonus	E. Duty	Suppl. Total (Rs.)	Total EPP (Rs.)	
						FCC	VO&M	Total:											
1	KAPCO	B-I	RFO	1,345.00	205,067,900	1,643,998,607	107,875,586	1,751,874,193	297,819,613	(5,451,800)		(926,806)	-	5,800,306	-	-	5,800,306	1,752,222,698	
			Gas		1,413,700	6,221,729	743,674	6,965,403	1,184,119	(37,584)		(6,389)	-	39,986	-	-	39,986	6,967,806	
			HSD		2,360,300	34,359,745	1,241,631	35,601,376	6,052,234	(62,749)		(10,667)	-	66,761	-	-	66,761	35,605,387	
		B-II	RFO		198,277,200	1,783,865,682	104,303,351	1,888,169,033	320,988,736	(5,271,267)		(896,115)	-	5,608,232	-	-	5,608,232	1,888,505,998	
			Gas		31,948,600	156,460,111	16,806,501	173,266,612	29,455,324	(849,364)		(144,392)	-	903,660	-	-	903,660	173,320,907	
			HSD		0	-	-	-	0	-		-	-	-	-	-	-	-	
		B-III	Gas		34,549,100	184,794,475	18,174,490	202,968,965	34,504,724	(918,500)		(156,145)	-	977,215	-	-	977,215	203,027,680	
			HSD		15,342,200	263,461,628	8,070,736	271,532,364	46,160,502	(407,878)		(69,339)	-	433,951	-	-	433,951	271,558,438	
KAPCO Total:-					1,345.00	488,959,000	4,073,161,976	257,215,970	4,330,377,946	736,164,251	-12,999,142		(2,209,854)	-	13,830,110	-	-	13,830,110	4,331,208,914
2	HUBCO		RFO	1,200.00	554,787,100	5,661,773,349	101,326,577	5,763,099,926	979,726,975		-	-	-	10,834,923	-	-	-	10,834,923	5,773,934,849
3	KEL		RFO	124.00	65,617,000	568,184,967	37,662,365	605,847,332	102,994,046	(15,953)		(2,712)	-	-	-	-	-	605,831,379	
4	AES LALPIR		RFO	347.30	147,051,400	1,406,141,808	24,177,162	1,430,318,970	243,154,225		-	-	-	-	-	5,227,430	-	5,227,430	1,435,546,400
5	AES PAKGEN		RFO	348.60	0	-	-	-	0		-	-	-	-	-	-	-	-	-
6	SEPCOL		RFO	110.17	0	-	-	-	0		-	-	-	-	-	-	-	-	-
7	HCPC		Gas	129.15	40,213,518	159,965,353	19,596,049	179,561,402	30,525,438	(8,419)		(1,431)	-	-	-	-	-	-	179,552,983
8	FKPCL		Gas	151.00	89,105,000	381,186,676	64,284,114	445,470,790	75,730,034		-	-	-	-	-	-	-	-	445,470,790
9	ROUSCH		Gas	395.00	150,280,191	614,682,983	40,397,487	655,080,470	111,363,880	(18,945)		(3,220)	-	-	-	-	-	-	655,061,525
10	SABA		RFO	125.55	0	-	-	-	0		-	-	-	-	-	-	-	-	-
11	JAPAN		RFO	107.00	0	-	-	-	0		-	-	-	-	-	-	-	-	-
12	UCH		Gas	551.25	383,921,000	986,395,137	87,994,693	1,074,389,830	182,646,271		-	-	-	-	-	9,579,543	28,743,670	38,323,213	1,112,713,043
13	ALTERN		Gas	26.40	20,425,140	92,968,332	13,446,301	106,414,633	18,090,488	828		141	-	-	-	-	-	-	106,415,461
14	LIBERTY		Gas	211.85	4,673,000	669,299,041	4,673,000	673,972,041	114,575,247		-	-	-	-	-	-	-	-	673,972,041
15	Davis Energon		Gas	9.50	6,071,000	27,814,287	2,947,471	30,761,758	5,229,499		-	-	-	-	-	-	-	-	30,761,758
16	CHASNUPP		Nucl.	300.00	224,068,000	277,844,320	-	277,844,320	47,043,077		-	-	-	-	-	-	-	-	277,844,320
17	CHASNUPP-II		Nucl.	315.00	227,893,000	256,379,625	-	256,379,625	43,390,827		-	-	-	-	-	-	-	-	256,379,625
18	IRAN		RFO	96.00	32,808,739	334,649,138	-	334,649,138	0	2,119,108		-	-	-	-	-	-	-	336,768,246
Sub Total				-	5,892.77	2,435,873,088	15,510,446,992	653,721,189	16,164,168,181	2,690,634,858	(10,922,523)	-	(2,217,076)	10,834,923	13,830,110	14,806,973	28,743,670	68,215,676	16,221,461,334
1	Attock Gen		RFO	156.18	107,742,149	876,773,939	95,362,576	972,136,515	165,263,208	0	-	-	-	-	-	-	-	-	972,136,515
2	Atlas Power		RFO	213.86	129,594,576	1,081,036,453	112,837,997	1,193,874,450	202,958,657		-	-	-	-	-	-	-	-	1,193,874,450
3	Nishat Power		RFO	195.31	122,835,081	952,760,356	106,952,505	1,059,712,861	180,151,886	(1,250,065)		-	-	-	-	-	-	-	1,058,462,796
4	Foundation Power		Gas	171.48	107,131,391	424,157,655	38,095,923	462,253,578	78,583,408	(1,545,821)	(137,724)	(137,724)	-	-	-	-	-	-	460,570,033
5	Orient	Gas	212.70	5,679,074	23,284,203	1,149,451	24,433,654	4,153,721		-		-	-	-	-	-	-	-	24,433,654
		HSD	67,518,549	882,086,560	22,409,407	904,495,967	153,764,314	(501)	(2,329)	(2,329)	-	-	-	-	-	-	-	904,493,137	
6	Nishat Chunian		RFO	195.72	119,228,214	1,020,564,571	103,561,627	1,124,126,198	191,101,454	(87,140)		-	-	-	-	-	-	-	1,124,039,058
7	Saif Power	Gas	205.27	10,687,680	40,112,980	3,680,837	43,793,817	7,444,949		-		-	-	-	-	-	-	-	43,793,817
		HSD	74,245,809	1,034,396,500	36,907,592	1,071,304,092	182,121,696	(23,135,677)		-	-	-	-	-	-	-	-	1,048,168,415	
8	Engro Energy	Gas	212.98	140,500,896	591,238,257	44,103,231	635,341,488	108,008,053		(279)	0	0	-	-	-	-	-	-	635,341,209
		HSD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	Sapphire Power Ltd	Gas	203.17	5,949,721	22,739,645	2,026,475	24,766,120	4,210,248		-		-	-	-	-	-	-	-	24,766,120
		HSD	59,466,740	836,838,623	29,227,911	866,066,534	147,231,311	(40,528,059)		-		(1)	-	-	-	-	-	-	825,538,475
10	HUBCO-Narowal		RFO	213.82	126,946,749	1,077,928,319	105,416,584	1,183,344,903	201,168,634	(8)	(1)	(6)	-	-	-	-	-	-	1,183,344,894
11	Liberty Power		RFO	196.14	135,832,694	1,039,476,059	131,975,045	1,171,451,104	199,146,668	(83,322)		-	-	-	-	-	-	-	1,171,367,782
12	Halmore	Gas	199.24	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-
		HSD	83,909,569	1,133,041,560	41,904,439	1,174,945,999	199,740,820	(6,868,981)		-		-	-	-	-	-	-	-	1,168,077,018
13	Uch-II		Gas	375.20	98,778,979	395,688,881	13,769,790	409,458,671	69,607,974	(117,477,919)	14,376,552	(6,713,026)	-	-	-	-	-	-	306,357,304
14	JDW-I		Bagasse	26.60	13,643,800	78,727,455	5,862,741	84,590,196	14,380,333	2,071,281		-	-	-	-	-	-	-	86,661,477
15	JDW-III		Bagasse	26.60	15,358,920	88,624,040	6,599,728	95,223,768	16,188,041	1,628,948	1,397	1,397	-	-	-	-	-	-	96,854,113
16	RYK		Bagasse	30.00	12,872,200	74,275,169	5,531,184	79,806,353	13,567,080		-	-	-	-	-	-	-	-	79,806,353
Sub Total				-	2,834.27	1,437,922,791	11,673,751,225	907,375,043	12,581,126,268	2,138,791,466	(187,277,543)	14,237,895	(6,851,890)	-	-	-	-	-	12,408,086,620
G-Total				-	8,727.03	3,873,795,879	27,184,198,217	1,561,096,232	28,745,294,449	4,829,425,524	(198,200,066)	14,237,895	(9,068,766)	10,834,923	13,830,110	14,806,973	28,743,670	68,215,676	28,629,547,954

Ans
22/6/15

Detail of SPP's Cost Dis-allowed by NEPRA (Court Cases)

Month	Energy Sold (MkWh) (1)	FPA CPPA Worked out (Rs./kWh) (2)	Amount Involved (Mill. Rs.) (3=1*2)	FPA NEPRA Approved (Rs./kWh) (4)	Amount Involved (Mill. Rs.) (5=1*4)	Difference (Mill. Rs.) (6=3-5)
Oct-13	8,169	8.2367	67,283	8.2501	67,392	-109.71
Nov-13	6,618	7.2431	47,935	7.2977	48,297	-361.41
Dec-13	6,700	8.8714	59,439	8.8793	59,492	-52.60
Jan-14	6,197	11.7766	72,974	11.8273	73,289	-314.46
Feb-14	5,868	7.5831	44,499	7.5780	44,469	29.68
Mar-14	6,435	8.9029	57,288	8.9067	57,312	-24.49
Apr-14	6,909	8.4925	58,670	8.4927	58,672	-1.65
May-14	8,328	7.5569	62,936	7.5498	62,877	58.97
Jun-14	9,347	7.4414	69,557	7.4333	69,481	75.49
Jul-14	10,233	7.4979	76,724	7.4953	76,698	26.35
Aug-14	10,235	6.7811	69,405	6.7739	69,330	74.03
Sep-14	8,935	6.7755	60,538	6.7665	60,458	80.23
Oct-14	8,124	7.0793	57,510	7.0667	57,408	102.53
Nov-14	6,534	4.4997	29,402	4.4495	29,074	328.21
Dec-14	6,577	6.3241	41,596	6.2902	41,373	222.68
Jan-15	6,009	9.2792	55,754	9.2763	55,737	17.44
Feb-15	5,769	4.6236	26,672	4.5712	26,370	302.36

Net Diff:-

453.63

Ans
22/07/15