



No. CPPA-G/2018/CFO/9700-01

Dated: May 16th, 2018

The Registrar NEPRA
NEPRA Tower Attaturk Avenue (East),
Sector G-5/1, Islamabad.

For information & ref. of
 - SAT-I
 - SAC (Tech) - DG (M&E)
 - ADG (L) - M/F
 17 05 18
 = claiming
 v. / M (CA)
 M (T)
 M (M&E)
 M (L)

SUBJECT: ENERGY PURCHASE DATA FOR THE MONTH OF APRIL 2018.

Please find annexed monthly purchase data for April, 2018 along-with complete detail of all charges incurred and taken into account. It is mentioned that soft copy of the same is being sent to AD (Tariff) NEPRA.

It is certified that energy during billing month, was procured from all power producers having valid generation license except TPS-Quetta of GENCO-II. Company is asked for the provision of generation license in respect of TPS-Quetta. Certificates provided by quarter concerned are enclosed.

[Signature]
Chief Financial Officer

- CC:
- Chief Executive Officer, CPPA-G.
 - Master File

REGISTRAR
 Dy. No.: 4829
 Dated: 17-05-18

Senior Advisor Tariff-1
 Dy. No.: 4249
 Date: 17-5-18

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 ADG (L)
 17/5

ADG
 525
 8-50-81
 18-05-18

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
Apr/2018

S No	Power Producer	Fuel	Dep. Capacity (MW)	Energy MWh	FCC Rs	VoM Rs	Total Energy Cost (Rs.)
Hydel							
1	WAPDA	Hydel	8,987	1,389,896,404	-	133,847,811	133,847,811
2	Jagan	Hydel	35	8,939,308	-	18,858,721	18,858,721
3	Penung	Hydel	18	1,388,888	-	386,138	386,138
4	Malakand-8 SHRO	Hydel	61	48,062,806	-	12,815,368	12,815,368
5	Larabi	Hydel	88	32,781,886	-	16,159,594	16,159,594
6	Siar Hydro	Hydel	147	45,236,186	-	7,915,268	7,915,268
7	Head Marata	Hydel	8	441,000	-	-	8
Hydel Total:			2,278	1,927,840,784	-	184,188,583	184,188,582
WAPDA GENCOs							
GENCO-I							
	Jamshoro Block 1	RFO	205	(545,000)	-	(58,413)	(58,413)
	Unit 1	Gas	-	-	-	-	-
	Jamshoro Block 2	RFO	476	-	-	-	-
	Unit-2	RFO	-	41,783,600	254,690,538	5,664,835	258,555,373
	Unit-3	RFO	-	-	-	-	-
	Unit-4	RFO	-	(492,008)	(2,881,887)	(41,816)	(2,723,797)
	Unit-5	Gas	-	59,880,098	347,558,489	5,537,858	353,088,248
	Unit-6	RFO	-	1,240,804	15,743,473	114,784	15,858,257
	Unit-7	Gas	197	11,725,050	82,285,992	1,084,833	63,550,528
	Jamshoro Block 8	Gas	-	-	-	-	-
Jamshoro Total:			782	113,815,668	677,577,765	10,549,388	688,087,242
GENCO-II							
	Quardu CC Block 1 (CC)	Gas	388	121,861,511	777,997,202	8,375,358	288,332,290
	Quardu Block 7 (CC)	Gas	153,851,882	728,395,068	-	18,569,601	278,541,688
	Quardu (CC) Block 7	Gas	530	187,348,807	763,282,957	7,388,331	770,889,290
	Quardu 1st (CC)	Gas	721	148,725,868	851,548,513	44,652,525	898,149,438
General Total:			1,641	527,332,869	2,537,751,742	70,957,447	2,953,123,488
GENCO-III							
Northern Block 1							
	Unit 1	RFO	556	25,536,464	481,155,393	3,948,072	465,101,465
	Unit 2	RFO	-	27,661,828	398,765,602	3,855,634	384,981,436
	Unit 3	RFO	-	38,691,834	527,492,588	5,302,824	532,795,385
	Unit 4	Gas	-	1,853,982	9,551,612	219,182	9,771,814
	Unit 5	Gas	-	177,516	1,942,648	23,716	1,971,894
	Unit 6	Gas	-	1,883,514	9,584,563	224,917	8,619,400
	Unit 7	RLNG	-	4,703,640	84,908,944	824,303	65,534,347
Northern Block 2			273	45,558,285	684,588,854	8,886,716	619,452,564
	Block-2 Unit 4	RFO	-	-	-	-	6
	Block-2 Unit 4	Gas	-	-	-	-	6
	Block-2 Unit 4	RLNG	-	4,243,288	58,478,872	588,897	59,641,769
Northern Block 3			355	15,271,369	218,781,389	2,046,255	217,821,844
	Block-3 Unit 8	RFO	-	-	-	-	9
	Block-3 Unit 8	Gas	-	638,378	5,968,127	113,141	5,199,268
	Block-3 Unit 8	RFO	-	3,434,908	35,345,876	335,303	35,871,129
Northern Block 4			117	4,418,876	18,982,271	589,286	20,581,537
Northern Block 5			97	-	-	-	6
Northern Block 6			78	(10,878)	(46,523)	(1,426)	87,849
Northern Block 8			811	259,356,000	2,188,738,534	187,244,833	2,293,083,067
Northern Total:			1,804	437,308,308	8,520,430,936	731,004,252	4,657,441,198
GENCO-IV							
	Sub-Total:	Gas	31	-	-	-	-
Sub-Total:			31	-	-	-	-
GENCOs Total:			8,782	1,082,152,808	6,118,186,384	212,475,988	2,331,841,478
IPPs							
KAPCOs Fossil							
1	Kel Sada Block 1	RFO	328	88,859,880	635,186,752	38,016,357	685,263,019
		RLNG	-	175,134,939	1,723,219,404	45,488,332	1,772,766,138
		HSD	-	-	-	-	6
	Kel Sada Block 7	RFO	180	88,455,620	608,144,729	54,235,375	983,365,184
		RLNG	-	412,058,308	4,347,853,184	133,145,777	6,481,662,569
		HSD	-	168,896,668	1,144,558,755	45,158,726	1,209,789,483
Sub-Total:			1,228	848,089,000	8,558,988,334	232,028,489	8,392,006,703
2	Hub Power	RFO	1,200	137,509,490	4,090,162,137	62,727,140	4,181,864,271
3	Mahinwar Energy	RFO	124	55,848,000	587,486,651	34,848,584	632,116,165
4	SES Laha	RFO	350	139,139,100	1,518,717,850	23,320,886	1,842,938,938
5	Pat Gen Power Limited	RFO	346	85,781,100	1,061,609,816	18,916,233	1,027,825,270
6	Mahoutlah	Gas	128	44,835,473	168,444,767	23,781,678	178,209,585
7	Fauji Mahinwar	Gas	151	100,174,150	1,974,521,474	78,432,052	1,992,853,526
8	Boush	RLNG	385	254,618,662	2,578,685,218	74,654,735	2,850,760,449
9	Saba Power	RFO	126	34,218,981	400,139,735	6,107,567	406,247,292
10	Uch	Gas	551	281,387,000	1,878,773,258	64,828,872	1,747,599,333
11	Alam	Gas	21	4,488,980	35,625,911	3,118,182	33,836,062
12	Liberty	Gas	312	39,787,800	488,344,556	13,781,091	481,948,000
13	Davis Engern	RLNG	10	-	-	-	0
14	Chashma Nuclear-I	NucL	303	198,943,000	172,652,262	-	172,682,782
15	Chashma Nuclear-II	NucL	515	228,690,000	206,291,864	-	208,291,864
16	Chashma Nuclear-III	NucL	340	223,287,000	258,814,454	-	259,014,454
17	Chashma Nuclear-IV	NucL	340	223,040,000	240,230,200	-	240,230,200
18	Tarabai San	Import	98	48,388,000	571,554,695	-	571,554,695
Sub-Total:			9,581	3,192,588,106	23,195,503,427	762,861,087	23,868,384,833
1	Attock-Gm	RFO	156	78,404,842	613,831,813	76,921,588	692,863,513
2	Atisa Power	RFO	214	121,850,532	1,148,115,539	124,863,119	1,312,819,649
3	Mihal Power	RFO	156	100,482,942	1,637,909,811	103,598,985	1,741,989,898
4	Foundation Power	Gas	17	163,243,674	408,542,584	43,816,212	452,152,557
5	Osani	RLNG	213	138,718,625	1,286,342,691	34,203,418	1,328,547,110
		HSD	-	117,527	1,885,252	47,175	2,032,427

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
April 2018

S No	Power Producer	Fuel	Rpt. Capacity (MW)	Energy KWH	FCC Rs.	VO&M Rs.	Total Energy Cost (Rs.)
6	Mishra Chitravan	RFO	196	81,863,818	894,811,988	84,204,917	578,816,005
7	Sall Power	RLNG	204	128,148,073	1,108,883,115	50,841,873	1,159,024,991
8	Engie Energy	Gas	213	118,275,848	584,425,703	44,185,954	548,530,766
8	Saphira Power	RLNG	203	122,864,370	1,138,148,874	56,616,154	1,188,762,228
15	Huaco Harwar	RFO	314	164,252,029	1,523,831,485	100,855,378	1,133,886,787
11	Liberty Power	RFO	196	118,331,105	1,140,745,533	135,485,115	1,276,235,948
12	Hanata	RLNG	198	123,841,546	1,132,372,585	51,832,266	1,184,205,181
13	Uchil	Gas	381	299,847,795	1,948,763,875	26,817,688	1,974,781,551
14	JOWI	Bagasse	26	15,785,400	88,869,876	8,508,331	198,518,391
15	JOWI	Bagasse	26	17,194,250	108,749,423	8,278,356	118,056,618
14	RM	Bagasse	34	13,308,500	82,873,547	7,281,135	51,154,892
17	Chirpal Power	Bagasse	62	27,181,558	188,779,008	14,651,071	163,421,080
16	Falms Energy	Coal	119				
16	Hansa Sugar Mills	Bagasse	15	7,925,150	45,797,705	4,271,784	53,476,489
20	Laxmi Sugar Mills	Bagasse	41	2,832,848	40,574,598	3,021,895	43,598,193
21	GRPL	RLNG	1,183	477,637,000	3,845,834,059		3,545,838,999
22	Haveli Bahadur Shah	RLNG	1,230	259,917,499	2,172,528,437	4,571,028	2,177,998,465
23	Coal Fire Power Plant	Coal	1,320	397,296,825	5,135,991,940	355,792,317	3,459,485,237
24	Cutt Power Gen	RFO	62				
25	Rashman	RFO	97	1,429,389			
26	Batali	RLNG	1,326	237,463,600	1,827,138,257	8,447,589	1,935,583,843
17	Port Qasim	Coal	1,320	684,453,400	3,893,177,467		3,993,177,467
Sub-Total:			8,998	3,996,858,669	29,845,988,953	1,346,018,862	21,195,877,813
IPP's total:			19,165	2,188,344,775	52,955,316,378	2,708,891,998	55,864,782,347
Others							
1	TPO-Quetta	Gas	25	(28,866)	(249,800)		-349,800
2	Sarta	Wind	56	11,798,930		77,859	77,859
3	PFCEL	Wind	50	8,994,350		21,130,387	21,139,307
4	IGP	Wind	50	6,523,406		26,851,485	20,851,493
5	Foundation	Wind	95	14,194,390		42,693,952	42,093,682
6	Saphira Wind Power	Wind	56	8,743,830		20,940,341	20,949,341
7	Touhuf Energy Ltd.	Wind	50	10,975,270		22,287,168	22,387,166
8	Maha Wind Power	Wind	50	16,897,540		15,172,321	15,132,321
9	Gul Ahmad Wind Power	Wind	50	19,412,839		21,415,067	21,418,967
10	Master Wind Power	Wind	50	11,017,770		22,840,249	22,869,768
11	Tanaga General	Wind	50	6,178,889		18,878,674	18,878,914
17	Tapal Wind	Wind	31	6,823,230		13,929,182	13,929,187
13	HSEPL Wind	Wind	50	8,813,816		20,184,863	20,184,953
14	SEDL Wind	Wind	50	10,125,328		7,877,831	7,877,831
15	UEPL Wind	Wind	95	22,833,813		46,556,532	48,350,552
16	Quaid-e-Azam Solar Park	Solar	52	18,135,178		45,847,372	45,867,372
17	Appachi Solar Park	Solar	100	16,568,990		46,956,322	48,856,322
18	Best Green Energy	Solar	100	14,550,250		48,558,913	48,558,913
19	Crast Energy	Solar	100	10,742,220		47,399,587	47,399,557
20	Harappa	Solar	18	3,049,480		5,264,525	5,294,925
21	ei Solar	Solar	16	1,749,876		3,258,951	3,259,951
22	ATP Wind	Wind	50	18,251,491		38,595,264	38,595,384
23	Jhangli Wind	Wind	50	14,535,939		29,902,423	29,992,423
24	NAWA Wind	Wind	50	13,375,816		27,516,234	27,519,234
25	SPPs	Mixed	257	54,259,539	388,533,421		388,533,421
Sub-Total:			1,559	325,841,492	269,292,937	585,410,894	953,702,619
G-Total:			29,398	18,125,879,939	91,442,785,792	3,900,967,042	64,533,729,025
Summary							
1	Input			1,277,886,784		194,166,863	184,186,993
2	Coal			1,401,916,625	8,928,348,407	555,283,519	5,384,062,724
3	HSD			112,327	1,595,252	47,175	2,832,427
4	F.S.			1,530,542,619	12,400,746,612	828,356,390	16,277,098,463
5	Gas			1,849,935,896	8,337,473,729	412,138,830	8,249,812,188
6	RLNG			3,655,884,886	24,317,589,584	830,933,371	24,947,822,038
8	Nuclear			839,950,000	885,385,100		859,385,100
7	Import from Iran			48,396,000	371,554,855		371,554,855
8	Wind Power			208,886,532		389,527,744	389,527,344
9	Solar			79,831,436		185,843,259	195,843,259
10	Bagasse			84,832,630	547,226,183	47,004,381	594,230,544
11	Mixed			58,368,539	388,533,421		388,533,421
Total for the month				16,135,879,638	81,441,769,383	2,999,567,042	64,533,729,025
Pre. adjustments					861,832,774	(58,640,048)	831,198,884
GRAND TOTAL:				19,125,879,639	82,134,591,157	3,949,320,232	65,164,527,389
Energy Cost (Rs.)					82,124,867,153	3,040,320,232	85,164,927,389
Cost not chargeable to DISCOs (Rs.)					141,052,940		181,952,549
EPP (Chargeable) (Rs.)					61,963,524,617	3,049,320,232	65,002,874,845
Energy Sold (KWH)					9,427,830,874	5,877,430,970	5,877,930,874
Avg. Rate (Rs./KWH)					6,272,929	0,307,789	6,580,718
Reference Rate (Rs./KWH)					6,7227	0,3577	7,0804
FCA Rate (Rs./KWH)					(0,4498)	(0,0499)	(0,4997)

Supplemental EPP charges under PPA's

Apr/18

S.No.	Generators	Description	Amount (Million Rs.)
1	Hydel		-
2	GENCOS		-
3	IPPs	Start-Up	42.85
		PLAC	82.23
		Open Cycle	0.00
		Bonus	0.00
		Fuel Differential	66.01
		E-Duty	30.44
		Sub-Total:-	221.53
		Total (1 + 2 + 3)	221.53

Detail Of Energy Imported From Small Power Producers						
DISCO	SPPs	Contract Capacity	Description	April, 18	Rate (Rs./KWh)	
FESCO	Bhone sugar Mills	1.00	Energy Cost (Rs.)	14 88	6.29	
	DISCOs Total:-	43.60	Energy Cost (Rs.)	14 88	7.29	
MEPCO	Indus Sugar Mills	3.00	Energy Cost (Rs.)	80 503	6.29	
	Kumhar Wala Power House-I	5.00	Energy Cost (Rs.)	249,800 1,571,242	6.29	
	Kumhar Wala Power House-II	10.50	Energy Cost (Rs.)	440,360 2,769,864	6.29	
	Layyah Sugar Mills	3.00	Energy Cost (Rs.)	(12) (79)	6.29	
	DISCO's Total:-	34.00	Energy Cost (Rs.)	690,228 4,341,534	6.29	
HESCO	Thatta Power (Pvt.) Ltd.,	18.80	Energy Cost (Rs.)	9,068,900 61,668,520	6.80	
	Anoud Textile NCPP	10.00	Energy Cost (Rs.)	77,760 528,768	6.80	
	Agar Textile Mills	2.00	Energy Cost (Rs.)	7,365,648 57,452,054	7.80	
	Faran Sugar Mills	4.00	Energy Cost (Rs.)	448,752 2,822,650	6.29	
	Omni (N CPP)	10.00	Energy Cost (Rs.)	2,387,544 16,235,299	6.80	
	Omni - 1 (N CPP)	10.00	Energy Cost (Rs.)	2,553,264 17,362,195	6.80	
	Omni - 2 (N CPP)	10.00	Energy Cost (Rs.)	2,421,624 16,467,043	6.80	
	Chamber Sugar Mills	3.40	Energy Cost (Rs.)	(2,634) (16,568)	6.29	
	Bandhi Sugar Mills		Energy Cost (Rs.)	669,200 4,209,268	6.29	
	Sanghar Sugar Mills	3.40	Energy Cost (Rs.)	221,792 1,395,072	6.29	
	Habib Sugar Mills	3.40	Energy Cost (Rs.)	153,204 963,653	6.29	
	Hi-Tech	8.00	Energy Cost (Rs.)	159,888 1,247,126	7.80	
	Mehran	2.00	Energy Cost (Rs.)	252,888 1,590,666	6.29	
	Tando Allah Yar Sugar Mills	Energy	Energy Cost (Rs.)	566,718 3,564,656	6.29	
	Lucky Cement Factory Ltd., N-Abad	20.00	Energy Cost (Rs.)	11,208,248 76,216,032	6.80	
	DISCO's Total:-	105.00	Energy Cost (Rs.)	37,552,788 227,877,197	6.07	
	SEPCO	AL Noor Sugar Mills	Energy	Energy Cost (Rs.)	1,069,800 6,729,042	6.29
		Dadu Energy	19.20	Energy Cost (Rs.)	9,292,900 63,191,720	6.80
Lodra Power		16.00	Energy Cost (Rs.)	9,763,800 66,393,840	6.80	
DISCO's Total:-		35.20	Energy Cost (Rs.)	20,126,500 136,314,602	6.77	
G-Total		217.80	Energy Cost (Rs.)	58,369,530 368,533,421	6.31	