



No. CEO/CPGA-G/

15th February, 2018

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

Subject: - ENERGY PURCHASE DATA FOR THE MONTH OF JANUARY-2018

Monthly Energy Purchase Data for January-2018 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.

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 has been asked for to provide Generation License in respect of its Thermal Power Station at Quetta. Certificate(s) provided by quarters concerned are enclosed.

D.A. (As Above)

Chief Financial Officer

For information &
 ~~SAT-I~~
 16/02/18
 ce: chairman
 vc/m(mae)
 m(T)
 m(Lic)
 m(CA)

- Gen A.
- SA (Tech)
- DG (MAE)
- ADG (Lic)
- M/A

19/2/18

AD ECA

Registrar
 17/10
 Dy No.
 Dated 16-02-18

Senior Advisor Tariff-I
 Dy No: 1644
 Date: 19-2-18

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

S.No.	Power Producer	Fuel	Dep. Capacity (MW)	Energy KWh	FCC Rs.	VO&M Rs.	Total Energy Cost (Rs.)
1	Hydel						
	I. WAPDA	Hydel	6,002	691,668,478	-	53,483,861	53,483,861
	II. Jagan	Hydel	30	(2,882,690)	-	(6,169,614)	-8,169,614
	III. Pehura	Hydel	16	1,286,040	-	387,971	387,971
	IV. Malakand-B SHYDO	Hydel	81	7,666,000	-	1,916,500	1,916,500
	V. Loralb	Hydel	84	3,451,000	-	1,066,120	1,066,120
	VI. Star Hydro	Hydel	147	4,684,000	-	1,783,371	1,783,371
	VII. Head Marafa	Hydel	9	18,720	-	-	9
	Hydel Total:		7,115	606,343,048	-	83,420,196	83,420,196
	2	Ex-WAPDA GENCOs					
GENCO-I							
Jamshoro Block 1		RFG	205	69,483,600	706,216,271	6,500,374	710,719,848
Unit 1		Gas	-	-	-	-	-
Jamshoro Block 2			478				
Unit-2		RFO	-	(295,000)	(3,796,887)	(26,363)	(3,622,250)
		Gas	-	(288,600)	(1,756,609)	(28,686)	(1,786,295)
Unit-3		RFO	-	23,665,911	306,696,643	2,188,914	308,687,657
		Gas	-	14,820,988	97,941,621	1,370,941	69,312,762
Unit-4		RFO	-	(246,000)	(3,121,027)	(22,765)	(3,143,792)
		Gas	-	(240,000)	(1,393,488)	(22,200)	(1,415,688)
Kotri 2-7		Gas	167	-	-	-	-
Jamshoro Block 4		Gas	-	(166,760)	-	-	-
Jamshoro Total:			782	96,733,250	1,089,790,624	8,962,328	1,098,752,949
GENCO-II							
Guddu CC 11-13		Gas	390	37,875,975	243,934,847	2,616,646	245,681,392
Central Block 2		Gas	-	237,266,169	1,124,636,929	16,346,636	1,140,983,466
Guddu CC 1-10		Gas	530	117,006,976	831,980,003	9,061,719	840,921,721
		Gas	-	12,200,490	69,400,847	840,614	78,240,661
Guddu 747 (CC)		Gas	721	303,640,000	1,271,486,110	91,091,292	1,362,487,402
Guddu 747 (OC)	Gas	-	-	-	-	9	
Central Total:		1,641	707,872,700	3,540,517,936	118,886,705	3,659,384,641	
GENCO-III							
Northern Block 1							
Unit 1	RFO	556	31,621,888	383,706,229	4,211,267	387,917,518	
Unit 2	RFO	-	31,611,776	390,016,696	4,223,333	394,239,629	
Unit 3	RFO	-	23,639,238	283,951,648	3,164,922	287,136,470	
Northern Block 3	RFO	272	-	-	-	9	
Block-3 Unit 4	RFO	-	67,638,569	797,261,074	6,966,966	866,237,929	
Northern Block 3	RFO	-	-	-	-	9	
Block-3 Unit 5	RFO	355	6,113,917	64,763,166	683,219	66,446,376	
Block-3 Unit 6	RFO	-	9,741,266	128,738,742	1,391,433	128,040,176	
Northern Block 4	Gas	117	-	-	-	8	
Northern Block 5	RFO	97	-	-	-	9	
Northern Block 6	Gas	-	-	-	-	8	
Northern Block 6	Gas	75	-	-	-	9	
Nandipur	RLNG	411	291,307,000	2,321,576,163	114,268,608	2,436,826,768	
Northern Total:		1,864	466,170,383	4,268,932,498	136,810,764	4,504,843,252	
GENCO-IV							
Sub-Total:	Coal	31	-	-	-	-	
GENCOs Total:-		4,762	1,264,876,343	9,996,341,058	264,838,784	9,262,960,842	
3	CPPs						
	1						
	Kot Addu Block 1	RFO	326	77,763,120	686,371,068	37,263,468	723,634,837
		RLNG	-	188,333,420	1,676,313,973	49,768,002	1,728,191,978
		HSD	-	-	-	-	9
	Kot Addu Block 2	RFO	782	30,661,100	296,064,958	20,276,972	316,321,930
		RLNG	-	329,993,140	3,367,988,150	106,568,888	3,473,647,921
	Kot Addu Block 3	RLNG	249	36,314,220	383,366,521	22,804,646	406,970,166
		HSD	-	-	-	-	9
	KAPCO Total:		1,338	854,465,000	6,411,192,777	236,491,852	6,647,684,729
	2						
	Hub Power	RFO	1,200	403,066,600	4,692,161,000	77,162,084	4,766,343,083
	Kahinor Energy	RFO	124	66,696,000	634,096,392	35,254,479	689,382,871
	AES Lajpur	RFO	360	92,237,700	966,179,663	16,468,167	971,638,820
	Pak Gen Power Limited	RFO	349	98,674,900	1,042,084,009	17,606,760	1,089,690,769
	Habibullah	Gas	129	97,191,636	283,864,231	38,211,486	322,078,719
	Faisal Kabirwala	Gas	151	106,693,939	1,048,982,448	88,258,238	1,133,311,884
	Rousch	RLNG	368	278,610,304	2,563,497,053	60,669,569	2,644,186,812
	Saba Power	RFO	128	46,816,258	463,122,766	6,034,331	461,157,099
	Uch	Gas	551	404,438,900	1,138,416,371	98,197,648	1,236,613,917
Altam	Gas	27	8,484,390	98,919,286	2,119,068	98,029,333	
Liberty	Gas	212	-	-	-	9	
Davle Engernan	RLNG	10	-	-	-	9	
Chashma Nuclear-II	Nucl.	306	221,432,000	229,279,663	-	229,279,663	
Chashma Nuclear-III	Nucl.	316	162,291,606	161,769,627	-	161,769,627	
Chashma Nuclear-IV	Nucl.	340	234,464,000	262,529,341	-	262,529,341	
Chashma Nuclear-V	Nucl.	340	282,795,000	216,463,863	-	216,463,863	
Tayankir Iran	Import	96	37,831,400	419,368,358	-	419,368,358	
Sub-Total:		8,968	3,094,499,016	20,496,926,868	666,586,660	21,192,434,629	

Energy Procurement Report (Provisional)
Jan/2018

S.No.	Power Producer	Fuel	Dep. Capacity (MW)	Energy KWh	FCC Rs.	VO&M Rs.	Total Energy Cost (Rs.)
1	Attock-Gen	RFO	186	58,796,547	60,162,989	58,161,967	680,790,926
2	Atfex Power	RFO	214	165,291,846	964,977,943	104,333,684	1,069,311,627
3	Nishat Power	RFO	193	92,675,115	958,292,599	91,732,661	680,026,379
4	Foundation Power	Gas	171	128,974,370	518,809,655	82,260,415	583,979,270
5	Orient	RLNG	213	84,479,383	600,406,763	12,880,989	613,968,662
6	Nishat Chunan	RFO	196	99,738,362	905,279,177	96,583,463	1,003,662,640
7	Baif Power	RLNG	204	51,899,969	446,639,429	20,805,520	466,143,948
8	Engro Energy	Gas	213	135,826,466	583,236,381	49,956,074	633,192,435
9	Sapphire Power	RLNG	203	80,910,526	444,316,467	16,861,976	484,170,137
10	Habco Mahawal	RFO	214	117,291,441	1,313,278,670	110,066,282	1,123,342,852
11	Liberty Power	RFO	196	96,371,098	885,925,275	106,364,761	991,890,056
12	Halmora	RLNG	199	64,819,958	468,877,364	21,678,661	487,786,026
13	Uch-II	Gas	381	254,666,623	1,289,727,593	36,627,278	1,325,264,871
14	JDW-I	Bagasse	26	13,809,400	76,187,278	6,863,272	77,020,548
15	JDW-II	Bagasse	26	16,488,520	83,615,885	8,179,884	61,798,749
16	RYK	Bagasse	24	14,389,200	89,651,911	7,181,432	96,803,343
17	Chinhot Power	Bagasse	82	27,761,620	140,434,931	13,797,828	154,232,466
18	Fatima Energy	Coal	119	-	-	-	-
19	Narnza Sugar Mills	Bagasse	15	7,738,790	38,768,242	3,846,179	42,614,421
20	Layyah Ougar Mills	Bagasse	41	6,745,970	40,913,119	2,900,767	43,713,855
21	QATPL	RLNG	1,180	218,332,600	2,854,478,566	48,418,984	2,102,692,840
22	Havell Bahadur Shah	RLNG	1,230	42,178,900	411,398,282	13,800,938	428,196,138
23	Coal Fire Power Plant	Coal	1,320	716,273,203	4,104,219,732	94,589,117	4,198,776,849
24	Quif Power Gen	RFO	62	-	-	-	-
25	Rahman	RFO	97	6,873,710	66,103,399	6,164,042	68,287,411
26	Baloch	RLNG	1,320	19,007,800	187,709,609	6,211,781	194,001,090
27	Port Qasim	Coal	1,320	428,586,300	1,843,483,689	48,418,984	1,891,899,673
	Sub-Total:		9,598	2,816,343,488	16,589,104,956	1,041,979,480	19,531,064,435
	IPP's Total:		14,166	5,916,842,506	38,086,033,624	1,737,485,140	40,823,616,063
4	Others						
1	TPS-Quetta	Gas	23	(41,000)	(362,800)	(2,828)	-384,428
2	Zarku	Wind	56	4,800,480	-	38,243	38,243
3	FFCEL	Wind	50	4,162,760	-	9,777,467	6,777,467
4	TGF	Wind	50	4,694,800	-	6,838,092	9,638,092
6	Foundation	Wind	50	6,538,879	-	14,518,547	14,518,547
6	Sapphire Wind Power	Wind	50	6,391,790	-	10,619,382	10,619,382
7	Younus Energy Ltd.	Wind	50	5,770,988	-	11,269,143	11,389,143
8	Matro Wind Power	Wind	50	6,670,620	-	6,461,224	6,461,224
8	Gul Ahmad Wind Power	Wind	50	6,633,220	-	11,770,812	11,770,812
10	Master Wind Power	Wind	50	4,998,038	-	9,747,283	9,747,283
11	Taraga General	Wind	50	3,092,938	-	8,834,306	6,034,306
12	Tapsal Wind	Wind	31	3,368,916	-	6,672,743	6,672,743
13	HDPPL Wind	Wind	50	3,302,110	-	6,442,417	6,442,417
14	SEDL Wind	Wind	50	5,384,916	-	4,060,093	4,060,093
14	UEPL Wind	Wind	99	8,816,320	-	17,680,640	17,590,648
16	Quid-e-Azam Solar Park	Solar	52	12,214,640	-	33,060,373	33,680,373
17	Appollo Solar Park	Solar	100	12,718,160	-	31,866,448	31,566,448
19	Best Green Energy	Solar	100	12,833,850	-	32,194,996	32,194,996
19	Crest Energy	Solar	100	13,851,850	-	32,238,649	32,239,649
20	Harappa	Solar	18	1,873,490	-	3,508,049	3,508,049
21	AJ Solar	Solar	18	2,309,156	-	-	-
22	APP Wind Power	Wind	-	3,640	-	-	-
23	SPPs	Mixed	257	72,481,406	494,677,738	-	494,677,738
	Sub-Total		1,400	200,257,776	494,325,136	250,968,255	754,294,385
	G-Total:		29,444	7,982,320,473	48,576,700,020	2,315,514,378	50,884,214,398

Summary							
1	Hydel			606,343,848	-	53,420,198	53,420,198
2	Coal			1,144,669,503	5,947,783,421	142,975,161	8,090,678,323
3	HS6			-	-	-	6
4	F.O.			1,830,469,355	15,994,602,208	817,693,578	17,812,295,778
5	Gas			1,851,640,767	6,674,981,184	481,708,841	3,886,689,224
6	RLNG			1,602,886,094	14,823,942,248	617,006,328	15,340,948,674
8	Nuclear			620,962,000	889,993,324	-	869,993,324
7	Import from Iran			37,931,488	419,368,568	-	419,368,568
8	Wind Power			73,096,440	-	137,414,585	127,414,586
9	Solar			54,800,830	-	132,567,515	132,567,516
10	Bagasse			86,903,500	483,441,343	42,735,060	606,188,403
11	Mixed			72,401,406	494,677,738	-	494,677,738
	Total For The Month			7,982,320,473	48,576,700,020	2,315,514,378	50,884,214,398
	Prev. Adjustment			-	4,838,191,607	6,164,048	4,641,355,914
	Grand Total:			7,982,320,473	53,214,891,687	2,320,678,425	55,535,570,312
	Energy Cost (Rs.)			-	53,214,891,687	2,320,678,428	55,836,578,312
	Cost not chargeable to DISCOs (Rs.)			-	177,838,478	-	177,838,479
	EPP (Chargeable) (Rs.)			-	83,037,061,408	2,320,678,425	65,367,735,833
	Energy Sold (KWh)			7,896,964,541	7,896,964,541	-	7,696,964,541
	Avg. Rate (Rs./KWh)			-	6.866946	0.301431	7.190377

Sl. No	IPPs	Block	Fuel	Dep Capacity (MW)	Curr. Month EPP (Rs.)			Energy Payment Price (EPP)								
					Energy (KWH)	FCC	VO&M	Total:	Prev. EPP Adj. (Rs.)	Prev. EPP (Ver - Claim) (Rs.)	Start-Up	PLAC	Fuel Differential	E. Duty	Suppl. Total (Rs.)	Total EPP (Rs.)
1	KAPCO	B-I	RFO	77,763.120	686,371,069	37,263,468	723,634,537	-9,901	-	-	017,312	195,828,549	196,445,991	830,874,496		
			Gas	180,333,420	1,878,313,973	49,788,002	1,728,191,875	-13,685	-	-	1,431,552	-	1,431,552	1,729,519,842		
		B-II	HSD	-	-	-	-	9	-	-	-	-	-	-	-	
			RFO	1,345.00	30,081,108	296,654,958	20,278,972	316,931,030	-2,281	-	-	238,836	40,916,429	41,148,066	357,477,914	
		B-III	Gas	329,893,140	3,367,988,156	196,558,865	3,473,847,021	-25,042	-	-	2,816,804	-	2,816,804	3,478,241,583		
			HSD	38,314,220	383,365,521	22,604,645	465,976,166	-2,756	-	-	288,275	-	288,275	406,255,866		
KAPCO Total:-				1,345.00	654,468,000	6,411,162,777	238,461,952	6,647,884,729	-49,966	-	-	5,196,379	146,738,978	151,934,357	8,799,599,420	
2	HUBCO		RFO	1,200.00	403,665,500	4,662,151,009	77,192,084	4,769,343,083	-	-	63,956,816	164,983,279	168,839,298	4,937,382,391		
3	KEL		RFO	124.09	56,598,000	534,896,392	35,254,476	668,382,871	-	-	-	-	-	669,352,871		
4	AES LALPIR		RFO	347.30	92,237,798	956,178,883	16,458,157	971,836,820	-	-	-	-	-	971,836,820		
5	AES PAKGEN		RFO	348.80	98,674,800	1,042,064,896	17,606,796	1,059,890,768	-	-	-	-	-	1,059,890,768		
8	SEPCOL		RFO	119.17	0	-	-	-	-	-	-	-	-	-		
7	HPCP		Gas	129.15	97,101,636	283,884,231	39,211,466	322,075,719	(10,852)	-	-	-	-	322,059,887		
8	FKPCL		Gas	151.00	108,883,830	1,048,052,448	85,258,238	1,133,311,884	-	-	-	-	-	1,133,311,884		
9	ROUSCH		Gas	395.08	278,818,304	2,583,497,053	50,889,559	2,844,186,912	1,580,119,137	-	-	-	-	4,224,286,749		
19	SABA		RFO	125.55	45,010,258	453,122,789	6,834,331	491,137,099	-	-	-	-	-	491,137,099		
11	JAPAN		RFO	197.00	0	-	-	-	-	-	-	-	-	-		
12	UCH		Gas	551.25	404,439,000	1,138,416,371	98,187,546	1,236,913,817	313,119,300	-	-	-	-	1,549,732,217		
13	ALTERN		Gas	26.40	8,484,390	85,919,265	2,119,068	89,029,333	-	-	-	-	-	89,029,333		
14	LIBERTY		Gas	211.85	8	-	-	-	-	-	-	-	-	-		
15	Devle Energon		Gas	18.50	0	-	-	-	-	-	-	-	-	-		
16	CHASNUPP		Nucl.	300.00	221,432,800	229,270,893	-	229,270,893	-	-	-	-	-	229,270,893		
17	CHASNUPP-II		Nucl.	315.89	162,291,000	151,709,827	-	151,709,827	-	-	-	-	-	151,709,827		
18	CHASNUPP-III		Nucl.	315.89	234,464,000	282,529,341	-	282,529,341	284,525,293	-	-	-	-	547,054,634		
19	CHASNUPP-IV		Nucl.	346.89	202,795,000	218,483,863	-	218,483,863	-	-	-	-	-	218,483,863		
20	IRAN		RFO	98.00	37,931,400	418,358,558	-	419,358,558	-	-	-	-	-	419,358,558		
Sub Total				8,548.77	3,094,499,018	29,486,928,866	885,905,060	21,182,434,528	2,201,546,674	-	63,956,819	119,179,858	146,738,978	319,973,855	23,713,855,857	
1	Attock Gen		RFO	158.18	58,758,547	601,828,958	58,191,987	680,796,928	-	(2,133)	-	-	-	686,788,793		
2	Atlas Power		RFO	213.86	105,291,840	884,877,843	194,333,884	1,989,311,827	-	-	-	-	-	1,989,311,827		
3	Nihat Power		RFO	195.31	92,575,115	859,262,898	81,732,881	960,825,379	-	-	-	-	-	960,825,379		
4	Foundation Power		Gas	177.00	128,674,378	519,809,855	52,280,415	583,070,270	-	-	-	-	-	583,070,270		
5	Orient		Gas	212.74	54,479,383	500,406,783	12,680,009	513,056,862	-	-	-	-	-	513,056,862		
			HSD	-	0	-	-	-	-	-	-	-	-	-		
6	Nihat Chunlan		RFO	195.72	99,730,362	905,279,177	88,583,463	1,003,862,840	-	-	-	-	-	1,003,862,840		
			Gas	204.12	51,899,569	445,838,429	29,508,520	488,143,949	-	-	-	-	-	488,143,949		
			HSD	-	0	-	-	-	-	-	-	-	-	-		
8	Engro Energy		Gas	217.30	136,829,469	583,236,361	49,856,974	633,192,435	-	(64)	-	-	-	633,192,371		
			HSD	-	0	-	-	-	-	-	-	-	-	-		
			Gas	212.11	50,810,520	444,316,467	19,851,870	464,170,137	-	-	-	-	-	464,170,137		
			HSD	-	0	-	-	-	-	-	-	-	-	-		
19	HUCCO-Narowal		RFO	213.82	117,291,441	1,913,278,579	119,066,282	1,123,342,852	-	9,787,271	-	-	-	1,130,116,123		
11	Liberty Power		RFO	196.14	98,371,088	865,525,279	108,364,781	981,660,086	-	(1,157,984)	-	-	-	980,502,102		
			Gas	206.81	54,819,958	499,077,384	21,976,661	487,756,835	-	-	-	-	-	487,756,835		
			HSD	-	0	-	-	-	-	-	-	-	-	-		
13	Uch-II		Gas	375.20	294,858,523	1,289,727,593	35,527,278	1,329,254,871	-	-	-	-	-	1,329,254,871		
14	JDW-I		Bagasse	26.80	13,809,400	70,157,276	9,583,272	77,929,548	-	-	-	-	-	77,929,548		
15	JDW-III		Bagasse	26.60	18,458,520	83,815,805	8,179,584	91,795,746	-	-	-	-	-	91,795,746		
18	RYK		Bagasse	30.00	14,389,200	98,981,911	7,151,432	96,883,343	-	-	-	-	-	96,883,343		
17	RYK		Bagasse	-	0	-	-	-	-	-	-	-	-	-		
18	Chiniot Power		Bagasse	62.40	27,781,820	140,434,831	13,787,825	154,232,456	-	-	-	-	-	154,232,456		
			Bagasse	118.80	0	-	-	-	-	-	-	-	-	-		
			Coal	-	0	-	-	-	-	-	-	-	-	-		
20	Hamza		Bagasse	18.00	7,736,780	38,768,242	3,048,178	42,814,421	-	-	-	-	-	42,814,421		
21	Layyah		Bagasse	18.00	9,745,870	46,613,119	2,900,787	43,713,056	-	-	-	-	-	43,713,056		
22	QATPL		RLNG	1,180.00	215,332,860	2,884,478,556	48,415,984	2,162,682,546	21,747,841	489,777,158	-	-	-	2,814,417,340		
23	Haveli Bahadar shah		RLNG	1,230.00	42,178,900	411,395,202	13,800,936	426,196,136	-	(13,983)	-	-	-	425,182,245		
24	Coal Fire Power Plant		Coal	1,320.00	715,273,203	4,184,219,732	94,556,117	4,189,778,848	-	2	-	-	-	4,189,778,851		
25	Gulf Power Gen		RFO	82.00	0	-	-	-	-	-	-	-	-	-		
26	Reshman		RFO	97.00	5,573,710	55,163,389	5,164,842	60,799,411	-	-	-	-	-	60,799,411		
27	Baloki		RLNG	1,320.00	19,007,900	197,789,809	6,211,781	194,961,390	-	(177,782)	-	-	-	193,923,866		
28	Port Qasim		Coal	1,320.00	429,586,300	1,843,483,689	40,415,984	1,891,899,673	-	-	-	-	-	1,891,899,673		
Sub Total				9,800	2,816,343,469	19,589,164,956	1,841,979,468	19,831,084,435	21,747,841	485,192,958	63,956,819	110,176,858	146,738,978	0	319,973,855	20,149,025,832
G-Total				18,154.47	5,910,842,509	39,889,833,824	1,737,485,140	40,823,318,963	2,223,294,515	485,192,958	63,956,819	110,176,858	146,738,978	0	319,973,855	43,861,980,889

Supplemental EPP charges under PPA's

Jan/18

S.No.	Generators	Description	Amount (Million Rs.)
1	Hydel		-
2	GENCOS		-
		Start-Up	63.06
3	IPPs	PLAC	110.18
		Fuel Differential	146.74
		Sub-Total:-	319.97
		Total (1 + 2 + 3)	319.97