



No. CEO/CPPA-G/41601

15<sup>th</sup> December, 2017

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

**Subject: - ENERGY PURCHASE DATA FOR THE MONTH OF NOVEMBER-2017**

Monthly Energy Purchase Data for November-2017 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.

Further Para-8 of Authority decision in the matter of Fuel Charges Adjustment for the Month September, 2017 for XWDISCOs is referred to. Previous adjustment/Supplemental charges on prescribed format received from Northern Power Generation Company has already been sent and accordingly an adjustment of Rs. 15,858,114,575 is accounted for in the instant FPA Data.

D.A. (As Above)

For information & mfa pt.  
 — SAT-I  
 — SA (Tech)  
 — DG (M&E)  
 — Dir (L-1)  
 — DRD/DR-II/MF

18/12/17  
 cc: chairman  
 VC/M (M&E)  
 M(T)  
 M(L-1)  
 M(CA)

Chief Financial Officer

Registrar  
 Dy No. 12041  
 Dated 18-12-17

9880  
 19-12-17

CENTRAL POWER PURCHASING AGENCY (CPPA)  
Energy Procurement Report (Provisional)  
Nov/2017

S.No.	Power Producer	Fuel	Dep. Capacity (MW)	Energy KWh	FCC Rs.	VO&M Rs.	Total Energy Cost (Rs.)	
1	<i>Hydel</i>							
	i. WAPDA	Hydel	6,902.00	2,138,387,150	-	193,096,360	193,096,360	
	ii. Jagran	Hydel	30.00	2,537,000	-	5,068,926	5,068,926	
	iii. Pehure	Hydel	17.80	4,063,680	-	1,158,149	1,158,149	
	iv. Malakand-II SHYDO	Hydel	81.48	13,530,000	-	3,382,500	3,382,500	
	v. Laralb	Hydel	84.00	53,956,000	-	20,988,884	20,988,884	
	<b>Hydel Total:</b>		<b>7,115.36</b>	<b>2,212,473,830</b>		<b>223,694,818</b>	<b>223,694,818</b>	
2	<i>Ex-WAPDA GENCOs</i>							
	<b>GENCO-I</b>							
		Jamshoro Block 1	RFO	205.00	(512,500)	-	-	0
		Unit-2	RFO	-	-	-	-	0
					(512,500)	(3,124,046)	(47,406)	-3,171,452
		Unit-3	RFO	-	-	-	-	0
				470.00	-	-	-	0
					(335,500)	(1,990,723)	(31,034)	-2,021,757
		Unit-4	RFO	-	-	-	-	0
		Unit-4	Gas	-	43,247,500	251,103,635	4,000,394	255,104,029
		Kotri 3-7	Gas	108.50	-	-	-	0
		Jamshoro Block 4	Gas	-	11,787,000	61,980,402	1,090,298	63,070,700
		<b>Jamshoro Total</b>		<b>781.50</b>	<b>53,674,000</b>	<b>307,989,288</b>	<b>5,012,251</b>	<b>312,981,519</b>
		<b>ii. GENCO-II</b>						
		Guddu CC 11-13	Gas	390	66,056,706	422,743,082	4,551,307	427,294,389
		Central Block 2	Gas	-	206,761,588	980,111,946	14,245,873	994,357,819
		Guddu CC 5-10	Gas	530	66,401,420	472,140,657	4,575,058	478,715,715
		Guddu 747 (CC)	Gas	720.79	243,592,200	879,227,464	73,028,842	952,256,406
		<b>Central Total</b>		<b>1,640.79</b>	<b>629,760,403</b>	<b>3,021,280,250</b>	<b>99,635,931</b>	<b>3,120,916,161</b>
		<b>iii. GENCO-III</b>						
		<b>Northern Block 1</b>						
		Unit 1	RFO	-	-	-	-	0
		Unit 2	RFO	558.00	-	-	-	0
		Unit 3	RFO	-	-	-	-	0
		Block-2 Unit 4	RFO	272.20	-	-	-	0
		Block-3 Unit 6	RFO	-	-	-	-	0
		Block-3 Unit 6	RFO	355.32	-	-	-	0
		Nandipur	RLNG	411.35	201,912,000	1,398,950,426	75,212,220	1,474,162,648
	<b>Northern Total:</b>		<b>1,883.87</b>	<b>201,912,000</b>	<b>1,398,950,426</b>	<b>75,212,220</b>	<b>1,474,162,648</b>	
	<b>iv. GENCO-IV</b>							
		Coal	31.20	-	-	-	0	
	<b>Total:</b>		<b>31.20</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0</b>	
	<b>GENCOs Total:-</b>		<b>4,762.36</b>	<b>885,346,403</b>	<b>4,728,199,944</b>	<b>179,860,402</b>	<b>4,908,060,346</b>	
3	<i>IPPs</i>							
	1	Kot Addu Block 1	RFO	325	60,739,600	491,622,066	28,421,795	520,043,861
			RLNG	-	17,300,900	154,225,983	11,395,581	165,621,564
			HSD	-	-	-	-	0
		Kot Addu Block 2	RFO	782	126,128,400	939,037,093	34,024,213	973,081,306
			RLNG	-	125,242,000	1,022,856,878	39,518,654	1,062,175,532
		Kot Addu Block 3	RLNG	249	10,189,100	86,041,250	6,197,145	92,238,395
			HSD	-	-	-	-	0
		<b>KAPCO Total</b>		<b>1,338.00</b>	<b>339,600,000</b>	<b>2,693,583,270</b>	<b>119,557,388</b>	<b>2,813,140,658</b>
	2	Hub Power	RFO	1,200.00	242,434,400	2,406,471,639	42,804,647	2,449,276,286
	3	Kohinoor Energy	RFO	124.00	15,212,000	144,573,959	9,252,627	153,826,586
	4	AES Lalpir	RFO	350.00	20,302,000	204,931,271	3,537,217	208,468,488
	5	Pak Gen Power Limited	RFO	348.60	-	-	-	0
	7	Habibullah	Gas	129.15	73,713,667	240,235,505	33,724,021	273,959,526
	8	Fauji Kabirwala	Gas	181.20	69,724,270	578,878,457	53,305,459	632,183,916
	9	Rouneh	RLNG	395.00	172,900,392	1,357,446,358	49,248,274	1,406,694,632
	10	Saba Power	RFO	125.55	284,501	2,871,127	49,589	2,920,716
	12	Uch	Gas	551.25	371,798,000	1,003,473,487	90,272,554	1,093,746,041
	13	Altern	Gas	27.12	18,848,280	174,947,528	13,146,379	188,093,905
	14	Liberty	Gas	211.85	112,406,900	776,301,657	37,903,607	814,205,264
	15	Oasis Energen	RLNG	10.00	-	-	-	0
	16	Chashma Nuclear-II	Nuci.	300.00	215,716,000	224,430,926	-	224,430,926
	17	Chashma Nuclear-I	Nuci.	316.00	204,240,000	191,944,752	-	191,844,752
	18	Chashma Nuclear-III	Nuci.	340.00	197,320,000	221,925,804	-	221,925,804
	19	Chashma Nuclear-IV	Nuci.	340.00	16,933,000	15,913,633	-	15,913,633
	28	Tavanir Iran	Import	86.00	40,633,200	431,930,916	-	431,930,916
		<b>Sub-Total:</b>		<b>6,568.19</b>	<b>2,112,064,610</b>	<b>10,669,860,287</b>	<b>452,801,762</b>	<b>11,122,662,049</b>
		1	Attock-Gen	RFO	166.18	34,378,711	316,433,147	33,158,267
	2	Atlas Power	RFO	213.86	34,702,836	324,917,385	32,929,521	357,846,886
	3	Mehat Power	RFO	166.31	30,740,129	269,305,915	29,166,234	298,472,149
	4	Foundation Power	Gas	171.48	113,270,787	455,912,103	43,903,757	499,815,860
	5	Orient	RLNG	212.70	-	-	-	0
		HSD	-	-	-	-	0	

**ENERGY PROCUREMENT REPORT (PROVISIONAL)**  
**Nov/2017**

S.No.	Power Producer	Fuel	Dep. Capacity (MW)	Energy KWh	FCC Rs.	VO&M Rs.	Total Energy Cost (Rs.)
8	Nihat Chunian	RFO	196.72	31,986,865	290,039,078	30,278,788	320,317,844
7	Saif Power	RLNG	203.89	-	-	-	0
		HSD	-	-	-	-	0
8	Engro Energy	Gas	212.98	120,875,264	520,291,775	42,197,555	562,489,330
9	Saphire Power	RLNG	203.17	-	-	-	0
		HSD	-	-	-	-	8
10	Hubco Narowal	RFD	213.82	37,202,551	325,616,286	33,664,586	359,280,872
11	Liberty Power	RFO	196.14	14,902,920	141,167,431	15,780,702	156,968,133
12	Halmora	RLNG	199.24	-	-	-	0
		HSD	-	-	-	-	0
13	Uch-I	Gas	368.76	213,560,440	1,080,202,286	29,770,325	1,109,972,611
14	JDW-I	Bagasse	28.35	14,135,880	87,808,762	6,984,499	94,793,261
15	JDW-II	Bagasse	28.35	16,233,890	100,841,678	8,021,165	108,862,843
18	RYK	Bagasse	24.81	4,830,500	28,551,200	2,287,930	30,839,130
17	Chiniot Power	Bagasse	62.40	12,041,670	74,670,396	5,527,127	80,197,522
18	Fatima Energy	Bagasse	116.80	-	-	-	-
		Coal	-	-	-	-	-
19	Hamze Sugar Mills	Bagasse	16.80	3,729,460	22,563,233	1,683,868	24,166,901
20	Layyah Sugar Mills	Bagasse	41.88	4,690,310	28,376,376	2,016,833	30,393,209
21	QATPL	RLNG	1,188.88	79,111,100	738,835,810	26,067,107	764,902,917
22	Haveli Bahadur Shah	RLNG	1,230.88	30,140,000	253,311,630	9,861,808	263,173,438
23	Coal Fire Power Plant	Coal	1,328.88	753,891,800	3,235,175,881	-	3,235,175,881
24	Gulf Power Gen	RFO	62.88	-	-	-	-
25	Reshman	RFO	97.88	-	-	-	-
26	Baleki	RLNG	1,328.88	33,064,200	276,360,503	10,805,381	287,165,884
27	Port Qasim	Coal	1,320.88	207,860,900	891,993,480	-	891,993,480
<b>Sub-Total:</b>			<b>9,598.15</b>	<b>1,791,150,133</b>	<b>9,462,394,335</b>	<b>364,025,231</b>	<b>9,826,419,566</b>
<b>IPPs Total:-</b>			<b>16,166.34</b>	<b>3,903,214,743</b>	<b>20,132,254,622</b>	<b>618,826,993</b>	<b>20,949,061,615</b>
<b>4</b>	<b>Others</b>						
1	TPS-Quette	Gas	25.00	(34,000)	(292,400)	(2,343)	-294,743
2	Zorlu	Wind	56.40	3,095,900	-	4,798,955	4,798,955
3	FFCEL	Wind	49.50	3,737,740	-	6,926,780	6,926,780
4	TGF	Wind	49.50	3,100,000	-	5,744,920	5,744,920
5	Foundation	Wind	49.50	7,098,350	-	13,154,662	13,154,662
8	Saphire Wind Power	Wind	49.50	5,488,330	-	10,170,973	10,170,973
7	Younus Energy Ltd.,	Wind	49.50	5,754,850	-	10,664,888	10,664,888
8	Metro Wind Power	Wind	49.50	3,500,000	-	6,486,200	6,486,200
9	Gul Ahmad Wind Power	Wind	49.50	6,203,880	-	11,497,030	11,497,030
18	Master Wind Power	Wind	49.50	5,913,890	-	10,959,621	10,959,621
11	Tenaga Generasi	Wind	49.50	3,670,210	-	6,801,633	6,801,633
12	Tapal Wind	Wind	30.50	4,038,840	-	7,484,779	7,484,778
13	HOPPL Wind	Wind	49.50	3,986,130	-	7,387,096	7,387,096
14	SEDL Wind	Wind	49.50	5,766,560	-	4,372,206	4,372,206
15	UEPL Wind	Wind	68	9,742,530	-	18,054,857	18,054,857
16	Quid-e-Azam Solar Park	Solar	51.50	9,815,210	-	24,278,903	24,278,903
17	Appollo Solar Park	Solar	100.00	18,284,760	-	25,440,392	25,440,382
18	Best Green Energy	Solar	100.00	10,358,510	-	25,622,810	25,622,810
19	Creat Energy	Solar	100.00	10,398,190	-	25,720,963	25,720,963
26	Harappa	Solar	18.00	1,347,220	-	2,521,188	2,521,188
21	SPPs	Mixed	256.90	56,126,328	381,820,246	-	381,820,246
<b>Others Total</b>			<b>1,381.80</b>	<b>189,393,428</b>	<b>381,527,846</b>	<b>228,086,503</b>	<b>609,614,349</b>
<b>G-Total:</b>			<b>29,425.86</b>	<b>7,170,428,404</b>	<b>25,241,982,412</b>	<b>1,448,468,717</b>	<b>28,690,451,129</b>

**Summary**

1	Hydel			2,212,473,830	-	223,694,818	223,694,819
2	Coal			961,752,700	4,127,169,362	-	4,127,169,362
3	HSD			-	-	-	0
4	F.O.			648,502,413	5,857,006,377	293,068,165	6,150,074,541
5	Gas			1,778,108,511	8,159,199,914	448,869,487	8,608,069,411
6	RLNG			869,659,692	5,287,828,938	229,306,170	5,516,135,009
6	Nuclear			634,209,000	654,215,115	-	654,215,115
7	Import from Iran			40,633,200	431,930,916	-	431,930,916
8	Wind Power			71,097,210	-	124,504,599	124,504,599
9	Solar			42,203,890	-	103,584,246	103,584,246
10	Bagasse			55,461,630	342,811,644	28,441,222	369,252,866
11	Mixed			56,126,328	381,820,248	-	381,820,246
	<b>Total For The month</b>			<b>7,170,428,404</b>	<b>25,241,982,412</b>	<b>1,448,468,717</b>	<b>28,690,451,129</b>
	<b>Prev. Adjustment</b>				<b>15,776,205,275</b>	<b>627,606,806</b>	<b>18,403,812,081</b>
	<b>Grand Total:</b>			<b>7,170,428,404</b>	<b>41,018,187,687</b>	<b>2,076,075,523</b>	<b>43,094,263,210</b>
				<b>Energy Cost (Rs.)</b>	<b>41,018,187,687</b>	<b>2,076,075,523</b>	<b>43,094,263,210</b>
				<b>Cost not chargeable to DISCOs (Rs.)</b>	<b>231,034,694</b>		<b>231,034,694</b>
				<b>EPP (Chargeable) (Rs.)</b>	<b>40,787,162,993</b>	<b>2,076,075,523</b>	<b>42,863,228,516</b>
				<b>Energy Sold (KWh)</b>	<b>6,994,467,774</b>	<b>6,994,467,774</b>	<b>8,994,467,774</b>
				<b>Avg. Rate (Rs/KWh)</b>	<b>5.831345</b>	<b>0.296817</b>	<b>6.128162</b>

*Signature*

**Supplemental EPP charges under PPA's**

**Nov/17**


<b>S.No.</b>	<b>Generators</b>	<b>Description</b>	<b>Amount (Million Rs.)</b>
1	Hydel		-
2	GENCOS		-
		Start-Up	3.92
		PLAC	18.72
3	IPPs	Bonus	33.66
		Fuel Differential	-57.73
		E-Duty	28.53
		<b>Sub-Total:-</b>	<b>27.10</b>
		<b>Total (1 + 2 + 3)</b>	<b>27.10</b>

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Sl. No	IPPs	Block	Fuel	Dep Capacity (MW)	Energy (KWH)	Curr. Month EPP (Rs.)			Prev. EPP Adj. (Rs.)	Prev. EPP (Ver - Claim) (Rs.)	Start-Up	PLAC	Fuel Differential	E. Duty	Suppl. Total (Rs.)	Total EPP (Rs.)		
						FCC	VO&M	Total:										
						Energy Payment Price (EPP)												
1	KAPCO	B-I	RFO	1,346.88	60,739,890	491,622,066	28,421,785	520,043,851	-17,781	-	-	-	-	-	-	520,026,069		
			Gas		17,300,900	154,225,983	11,385,581	165,611,564	-5,066	-	-	-	-	-	-	-	165,616,499	
		B-II	HSG		-	-	-	-	-	-	6	-	-	-	-	-	-	-
			RFO		126,128,400	839,937,093	34,824,213	873,061,306	-38,823	-	-	-	-	-	-	-	873,024,363	
		B-III	Gas		125,242,099	1,022,656,878	38,518,854	1,062,175,532	-38,863	-	-	-	-	-	-	-	1,062,136,869	
HSG	16,189,100	86,641,250	9,197,145	82,238,395	-2,883	-	-	6	-	-	-	-	-	82,235,412				
KAPCO Total:-				1,345.00	336,600,000	2,993,583,278	119,557,388	2,813,140,858	-90,415	-	-	0	-	-	2,813,041,243			
2	HUBCO		RFO	1,289.00	242,434,408	2,406,471,836	42,804,647	2,449,276,286	-	-	3,917,920	16,722,778	-	-	22,640,898	2,471,819,984		
3	KEL		RFO	124.08	15,212,000	144,573,959	6,252,627	153,928,586	-	-	-	-	-	-	153,928,586			
4	AES LALPIR		RFO	347.38	20,302,000	204,831,271	3,537,217	208,468,488	-	-	-	-	-	-	208,468,488			
5	AES PAKGEN		RFO	348.60	0	-	-	-	-	-	-	-	-	-	-			
6	SEPCOL		RFO	118.17	0	-	-	-	-	-	-	-	-	-	-			
7	HCPC		Gas	129.15	73,713,687	240,235,505	33,724,821	273,958,528	(17,320)	-	-	-	-	-	273,942,208			
8	FKPCL		Gas	151.09	68,724,270	578,878,457	53,305,458	632,183,916	341,743,401	-	-	-	-	-	973,927,317			
9	ROUSCH		Gas	365.89	172,900,392	1,357,448,358	49,248,274	1,406,894,832	(815,396,128)	-	-	-	(57,720,421)	-	(57,720,421)	533,589,985		
10	SABA		RFO	125.56	284,501	2,871,127	48,898	2,820,716	-	-	-	-	-	-	2,820,719			
11	JAPAN		RFO	197.68	0	-	-	-	-	-	-	-	-	-	-			
12	UCH		Gas	551.25	371,798,090	1,983,473,487	99,272,554	1,993,748,041	178,184,000	-	-	-	28,529,770	82,199,816	1,331,120,867			
13	ALTERN		Gas	28.48	18,848,280	174,047,525	13,145,378	186,993,908	74,880,858	-	-	-	-	-	252,774,863			
14	LIBERTY		Gas	211.85	112,406,990	776,381,657	37,983,887	814,206,284	-	-	-	-	-	-	814,285,264			
15	Devta Energon		Gas	19.50	0	-	-	-	-	-	-	-	-	-	-			
16	CHASNUPP		Nucl.	309.08	215,716,000	224,430,828	-	224,430,928	-	-	-	-	-	-	224,430,928			
17	CHASNUPP-II		Nucl.	315.88	204,249,000	181,844,752	-	181,844,752	-	-	-	-	-	-	181,844,752			
18	CHASNUPP-III		Nucl.	315.88	197,320,900	221,926,804	-	221,926,804	-	-	-	-	-	-	221,926,804			
19	CHASNUPP-IV		Nucl.	340.88	18,833,000	15,913,833	-	15,913,833	-	-	-	-	-	-	15,913,833			
20	IRAN		RFO	96.90	40,833,290	431,930,816	-	431,930,816	13,239,199	-	-	-	-	-	448,179,115			
Sub Total				-	6,548.77	2,112,064,910	19,988,080,287	482,001,752	11,122,862,649	(219,865,383)	-	3,817,920	16,722,778	(57,720,421)	28,529,778	27,101,293	16,836,886,939	
1	Attock Gen		RFO	156.18	34,378,711	319,433,147	33,158,267	349,591,414	-	(9)	-	-	-	-	349,581,405			
2	Atlas Power		RFO	213.86	34,702,838	324,917,385	32,928,521	357,846,886	-	-	-	-	-	-	357,846,886			
3	Nisat Power		RFO	195.31	38,740,129	289,385,915	29,188,234	298,472,149	-	(8)	-	-	-	-	298,472,149			
4	Foundation Power		Gas	177.00	113,278,767	455,812,103	43,903,757	499,818,890	-	(9,233)	-	-	-	-	499,808,927			
5	Orient		HSD	212.74	0	-	-	-	-	(3)	-	-	-	-	(3)			
6	Nisat Chunian		RFO	185.72	31,988,885	290,839,079	30,279,768	326,317,944	-	(744,121)	-	-	-	-	319,573,723			
7	Saif Power		HSD	204.12	0	-	-	-	-	-	-	-	-	-	-			
8	Engro Energy		Gas	217.30	120,975,264	520,291,775	42,197,555	582,468,330	-	(535)	-	-	-	-	582,468,795			
9	Sapphire Power Ltd		HSD	212.11	0	-	-	-	-	-	-	-	-	-	-			
10	HUBCO-Narowal		RFO	213.82	37,202,551	325,516,266	33,984,588	359,299,872	-	(130,118)	-	-	-	-	359,169,754			
11	Liberty Power		RFO	196.14	14,902,920	141,187,431	15,786,702	156,968,133	-	(284,911)	-	-	-	-	156,683,222			
12	Halmere		HSD	206.81	0	-	-	-	-	-	-	-	-	-	-			
13	Uch-II		Gas	375.20	213,560,440	1,080,292,286	28,770,325	1,108,872,811	-	6	-	-	-	-	1,108,872,812			
14	JDW-I		Bagasse	28.60	14,135,800	67,909,792	6,804,496	64,793,291	-	634,444	-	-	-	-	65,427,765			
15	JDW-III		Bagasse	26.60	16,233,890	198,841,978	8,921,188	188,882,843	-	554,244	-	-	-	-	189,417,087			
16	RYK		Bagasse	30.00	4,830,500	28,551,200	2,287,636	30,839,136	-	6	-	-	-	-	30,839,130			
17	RYK		Bagasse	0	0	-	-	-	-	-	-	-	-	-	-			
18	Chinot Power		Bagasse	62.40	12,041,870	74,976,398	5,527,127	80,197,522	-	1,184,286	-	-	-	-	81,381,808			
19	Fatima		Coel	118.80	0	-	-	-	-	-	-	-	-	-	-			
20	Hamza		Bagasse	18.00	3,726,480	22,563,233	1,863,868	24,189,861	3,944,774	-	-	-	-	-	28,011,975			
21	Layyah		Bagasse	18.00	4,890,318	28,378,378	2,015,833	30,393,209	-	-	-	-	-	-	30,393,209			
22	QATPL		RLNG	1,180.00	78,111,108	738,835,810	26,087,197	764,902,817	5,850,952	(8,991,565)	-	-	-	-	761,782,304			
23	Haveli Behadar Shah		RLNG	1,230.00	30,148,000	263,311,830	9,881,808	263,173,438	-	(10,261,186)	-	-	-	-	252,692,256			
24	Coal Fire Power Plant		Cosil	1,320.00	753,881,000	3,235,175,881	-	3,235,175,881	-	-	-	-	-	-	3,235,175,881			
25	Gulf Power Gen		RFO	62.00	0	-	-	-	-	-	-	-	-	-	-			
26	Rashman		RFO	97.00	0	-	-	-	-	-	-	-	-	-	-			
27	Paloki		RLNG	-	33,064,209	278,390,503	10,605,381	287,168,884	-	(11,338,379)	-	-	-	-	275,830,505			
28	Pert Gasim		Coal	1,320.00	207,880,900	881,893,488	-	881,893,488	-	-	-	-	-	-	881,893,488			
Sub Total				-	8,286	1,791,158,133	9,482,384,338	364,625,231	9,629,419,586	8,695,726	(26,488,970)	-	-	-	9,603,030,616			
G-Total				-	3,983,214,743	26,132,254,622	916,926,993	20,948,981,915	(290,869,577)	(29,408,976)	3,917,920	16,722,778	(57,720,421)	28,529,778	27,181,293	29,745,985,261		

Period	Revised	FCC		Revised	VO&M	
		Verified (Already	Net		Verified (Already	Net
2014-15	68,777,411,300	65,682,737,335	3,094,673,965	527,790,736	109,707,404	418,083,332
2015-16	45,019,586,214	40,361,294,584	4,658,291,630	612,577,427	430,284,954	182,292,473
2016-17	58,991,553,091	50,886,404,111	8,105,148,980	694,663,244	674,260,240	20,403,004
	172,788,550,605	156,930,436,030	15,858,114,575	1,835,031,407	1,214,252,598	620,778,809

Relevant Documents Attached



**NORTHERN POWER GENERATION COMPANY LIMITED**  
**MEHMOOD KOT ROAD, TPS MUZAFFAR GARH.**  
**Phone# 066-9200173, Fax# 066-9200172**

**Office of the Finance Director**

No: FD/NPGCL/CPC/ 3959

Dated: 16.11.2017



Chief Financial Officer (CPPA-G)  
 Ground Floor, ENERCON Building, G-5/2,  
 Islamabad.

**Subject: - DIFFERENTIAL CLAIM OF EPP INVOICE FOR THE PERIOD JULY-2014 TO JUNE-2017**

Reference: - Your office letter no. CEO/CPPA-G/38124 dated 08.11.2017.

Enclosed please find herewith subject cited information on prescribed format for your information and necessary action.

DA/As Above

DGMF I	<input checked="" type="checkbox"/>
DGMF-II	<input type="checkbox"/>
DGMF-III	<input type="checkbox"/>
DGHR&A	<input type="checkbox"/>
ADVISE (T)	<input type="checkbox"/>

For

**Finance Director,**  
 NPGCL, TPS,  
 Muzaffargarh.

CC to.

1. Master File.

CTO	<input checked="" type="checkbox"/>
CFO	<input type="checkbox"/>
CLO	<input type="checkbox"/>
Company Secretary	<input type="checkbox"/>
DG HR/Amn	<input type="checkbox"/>
Chief Information Officer	<input type="checkbox"/>
SO Technical	<input type="checkbox"/>
Advisor Treasury	<input type="checkbox"/>
Manager S&P	<input type="checkbox"/>
Manager EPP	<input type="checkbox"/>

Chief Information Officer

No: 632

Date: 21-11-2017

1- C.I.O.  
 ✓ Ad. T-T.  
 ✓ DGMF-2

Advisor T-T

*[Handwritten signature and date 27/11]*

**DETAIL OF DIFFERENTIAL CLAIM OF ENERGY PURCHASE PRICE  
NORTHERN POWER GENERATION COMPANY (GENCO-II) TPS MUZAFFARGARH  
FOR THE PERIOD JULY-2014 TO JUNE-2017**

Month	Energy Delivered (Kwh)	Already Claimed (Rs.)	FCC Claimed Rs./kWh including VOM & P.Load	FCC Amount (Already Vortied)	FCC Allowed Rs./kWh including VOM & P.Load	Revised Claimed (Rs.)	Revised FCC Notified Rs./kWh including VOM & P.Load	Difference betw. Allowed and Revised FCC Rs./kWh including VOM & P.Load	Amount (Rs. In Million) including VOM & P.Load
Jul-14	640,691,023	12,698,168,905.32	19.81949	12,078,454,690.00	18.85223	12,698,168,905.32	19.81949	0.96726	619,714,215
Aug-14	563,105,558	11,302,364,739.98	20.07148	10,733,108,296.00	19.06056	11,302,364,739.98	20.07148	1.01092	569,256,444
Sep-14	241,581,221	4,808,643,933.78	19.90652	4,507,750,922.00	18.66090	4,808,643,933.78	19.90652	1.24562	300,893,012
Oct-14	292,477,191	6,061,490,330.78	20.72466	5,741,784,361.00	19.63156	6,061,490,330.78	20.72466	1.09310	319,705,970
Nov-14	31,933,954	622,091,275.33	19.48056	563,541,407.00	17.64709	622,091,275.33	19.48056	1.83347	58,549,868
Dec-14	228,136,312	3,504,167,123.24	15.35997	3,307,599,939.00	14.49835	3,504,167,123.24	15.35997	0.86162	196,567,184
Jan-15	392,915,586	4,860,154,586.34	12.39788	4,662,791,711.00	11.89440	4,860,154,586.34	12.39788	0.50346	197,362,875
Feb-15	174,141,215	1,887,818,346.14	10.84073	1,773,914,575.00	10.18664	1,887,818,346.14	10.84073	0.65409	113,903,771
Mar-15	269,276,928	3,516,098,989.94	13.05756	3,330,140,745.00	12.36697	3,516,098,989.94	13.05756	0.69058	185,958,245
Apr-15	519,778,508	6,247,237,010.00	12.01904	5,950,292,788.00	11.44775	6,247,237,010.00	12.01904	0.57129	296,944,222
May-15	549,663,195	6,859,236,897.63	12.47898	6,527,007,023.00	11.87456	6,859,236,897.63	12.47898	0.60442	332,229,875
Jun-15	485,515,477	7,046,511,608.25	14.51346	6,616,058,275.00	13.62687	7,046,511,608.25	14.51346	0.88559	430,453,333
<b>Total 2014-15</b>	<b>4,388,296,168</b>	<b>69,413,983,747</b>		<b>65,792,444,732</b>		<b>69,413,983,747</b>			<b>3,621,539,015</b>
Jul-15	412,315,138	5,550,055,394.39	13.46071	5,186,124,377.00	12.57806	5,550,055,394.39	13.46071	0.88265	363,931,017
Aug-15	502,550,552	5,986,229,364.05	11.91170	5,643,507,086.00	11.22973	5,986,229,364.05	11.91170	0.68197	342,722,278
Sep-15	473,908,490	4,653,320,053.57	9.81903	4,329,694,701.00	9.13614	4,653,320,053.57	9.81903	0.68289	323,625,353
Oct-15	473,724,227	4,456,928,733.76	9.40828	4,232,219,619.00	8.93393	4,456,928,733.76	9.40828	0.47435	224,709,115
Nov-15	116,410,905	1,194,614,990.19	10.26205	1,119,991,817.00	9.62102	1,194,614,990.19	10.26205	0.64103	74,623,173
Dec-15	110,809,094	989,442,446.63	8.92925	931,395,489.00	8.40541	989,442,446.63	8.92925	0.52385	58,046,958
Jan-16	559,966,999	4,440,107,405.80	7.92923	4,237,313,342.00	7.56708	4,440,107,405.80	7.92923	0.36215	202,794,064
Feb-16	305,565,841	2,075,826,106.63	6.79116	1,981,410,524.00	6.48228	2,075,826,106.63	6.79116	0.30888	94,415,533
Mar-16	362,594,081	2,442,008,894.39	6.73463	2,038,097,881.00	5.62253	2,442,008,894.39	6.73463	1.11229	403,311,013
Apr-16	465,911,046	3,713,495,811.38	7.97040	3,403,876,590.00	7.30585	3,713,495,811.38	7.97040	0.66455	309,619,221
May-16	578,782,009	4,658,768,891.12	8.04926	3,692,180,427.00	6.37922	4,658,768,891.12	8.04926	1.67004	966,588,464
Jun-16	643,016,036	5,655,896,534.32	8.64037	3,995,167,551.00	6.21317	5,655,896,534.32	8.64037	2.42720	1,560,728,983
<b>Total 2015-16</b>	<b>5,005,654,418</b>	<b>45,716,694,626</b>		<b>48,791,579,404</b>		<b>45,716,694,626</b>			<b>4,925,115,222</b>
Jul-16	588,040,195	5,812,306,813.37	9.54409	3,577,488,701.00	6.08375	5,812,306,813.37	9.54409	3.46034	2,034,818,112
Aug-16	514,294,115	5,139,895,165.95	9.99408	3,385,994,460.00	6.58377	5,139,895,165.95	9.99408	3.41031	1,753,900,706
Sep-16	534,419,825	5,117,876,733.84	9.57651	3,636,857,493.00	8.80524	5,117,876,733.84	9.57651	2.77127	1,481,019,241
Oct-16	492,451,109	5,225,294,856.32	10.61079	4,918,496,331.00	9.98779	5,225,294,856.32	10.61079	0.62300	306,798,525
Nov-16	148,562,351	1,588,426,755.95	10.69199	1,583,359,511.00	10.65788	1,588,426,755.95	10.69199	0.03411	5,067,245
Dec-16	379,040,082	4,253,866,305.57	11.22273	4,236,569,588.00	11.17710	4,253,866,305.57	11.22273	0.04563	17,296,718
Jan-17	462,744,970	5,375,796,365.42	11.51925	5,187,271,508.00	11.20978	5,375,796,365.42	11.81935	0.40957	189,524,857
Feb-17	102,238,108	1,196,463,767.09	11.70272	1,116,153,987.00	10.91720	1,196,463,767.09	11.70272	0.78552	80,309,780
Mar-17	384,795,004	4,758,476,063.96	12.36626	4,204,128,030.00	10.92563	4,758,476,063.96	12.36626	1.44063	554,348,034
Apr-17	582,632,631	6,969,881,732.55	11.96274	6,249,650,100.00	10.72657	6,969,881,732.55	11.96274	1.23617	720,231,633
May-17	683,443,446	7,807,933,882.87	11.42440	7,372,251,513.00	10.78692	7,807,933,882.87	11.42440	0.63748	435,682,370
Jun-17	609,777,318	6,638,997,890.80	10.88758	6,092,443,128.00	9.99126	6,638,997,890.80	10.88758	0.89632	546,554,763
<b>Total 2016-17</b>	<b>5,482,439,159</b>	<b>59,686,216,333</b>		<b>51,560,664,350</b>		<b>59,686,216,333</b>			<b>8,125,551,983</b>
<b>Grand Total 2014-17</b>	<b>14,876,389,745</b>	<b>174,816,894,706</b>		<b>158,144,688,486</b>		<b>174,816,894,706</b>			<b>16,672,206,220</b>



**Northern Power Generation Company Limited**  
**Genco-III, T.P.S, Muzaffargarh.**  
**Differential EPP For the Period From July-14 To June-15**

Month	NEO Claimed	NEO Verified	Revised FCC Rs.
	kWh	kWh	
Jul-14	640,691,023	640,691,023	12,512,504,271
Aug-14	563,105,558	563,105,558	11,234,792,073
Sep-14	241,561,221	241,561,221	4,779,656,587
Oct-14	282,477,191	282,477,191	6,026,393,068
Nov-14	31,933,954	31,933,954	618,259,201
Dec-14	278,136,312	278,136,312	3,476,790,766
Jan-15	392,015,586	392,015,586	4,812,916,708
Feb-15	174,141,215	174,141,215	1,866,834,330
Mar-15	269,276,928	269,276,928	3,483,651,120
Apr-15	519,778,508	519,778,508	6,184,603,700
May-15	549,663,195	549,663,195	6,793,002,483
Jun-15	485,515,477	485,515,477	6,988,006,993
<b>Total</b>	<b>4,388,215,168</b>	<b>4,388,215,168</b>	<b>68,777,411,300</b>
Already Verified FCC (Rs.)			65,682,737,335
<b>Differential Verified FCC (Rs.) ( A )</b>			<b>3,094,673,965</b>
<b>Revised VO&amp;M (01-07-14 to 31-12-14)</b>	1,997,705,755	0.1200	239,748,631
<b>Revised VO&amp;M (01-01-15 to 31-06-15)</b>	2,380,000,000	0.1205	288,042,105
<b>Revised Verified Total VO&amp;M (Rs.)</b>			<b>527,790,736</b>
Already Verified VO&M (Rs.)			109,707,404
<b>Differential Verified VO&amp;M (Rs.) ( B )</b>			<b>418,083,331</b>
<b>Differential EPP Verified (FCC + VO&amp;M) (Rs.) ( A+B )</b>			<b>3,512,757,297</b>
GST @ 17%			597,168,740
<b>Total Differential Payable (EPP + GST) (Rs.)</b>			<b>4,109,926,037</b>
Total Differential Claimed (Rs.)			4,237,200,647
Total Disallowed (Rs.)			127,274,610

**Northern Power Generation Company Limited**  
**Genco-III, T.P.S, Muzaffargarh.**  
**Already Verified EPP Summary For the Period From July-14 To June-15**

Month	FCC (Rs.)	VOM (Rs.)	Total (FCC+ VOM) (Rs.)	GST @ 17% (Rs.)	Total EPP + GST (Rs.)
Jul-14	12,062,437,417	16,017,276	12,078,454,693	2,053,337,298	14,131,791,987
Aug-14	10,719,030,660	14,077,639	10,733,108,300	1,824,628,411	12,557,736,706
Sep-14	4,501,711,892	6,039,031	4,507,750,923	766,317,657	5,274,068,579
Oct-14	5,734,472,432	7,311,930	5,741,784,362	976,103,342	6,717,887,702
Nov-14	562,743,060	798,349	563,541,409	95,802,039	659,343,446
Dec-14	3,301,896,531	5,703,408	3,307,599,939	562,291,990	3,869,891,929
Jan-15	4,652,991,321	9,800,390	4,662,791,711	792,674,591	5,455,466,302
Feb-15	1,769,561,045	4,353,530	1,773,914,575	301,565,478	2,075,480,053
Mar-15	3,323,408,821	6,731,923	3,330,140,744	566,123,927	3,896,264,672
Apr-15	5,937,298,325	12,994,463	5,950,292,788	1,011,549,774	6,961,842,562
May-15	6,513,265,443	13,741,580	6,527,007,023	1,109,591,194	7,636,598,217
Jun-15	6,603,920,388	12,137,887	6,616,058,275	1,124,729,907	7,740,788,182
<b>Total</b>	<b>65,682,737,335</b>	<b>109,707,404</b>	<b>65,792,444,739</b>	<b>11,184,715,606</b>	<b>76,977,160,337</b>

**Northern Power Generation Company Limited**  
**Genco-III, T.P.S, Muzaffargarh.**  
**Differential EPP For the Period From July-15 To June-16**

Month	NEO Claimed kWh	NEO Verified kWh	Disallowed	Revised FCC Rs.
Jul-15	412,315,138	412,315,138	-	5,500,165,263
Aug-15	502,550,552	502,550,552	-	5,925,420,747
Sep-15	473,908,490	473,908,490	-	4,595,977,126
Oct-15	473,724,227	473,724,227	-	4,399,608,102
Nov-15	116,410,905	116,410,905	-	1,180,529,271
Dec-15	110,809,094	110,809,094	-	976,034,546
Jan-16	559,966,999	559,966,999	-	4,370,839,488
Feb-16	305,665,841	305,665,841	111,673	2,037,306,599
Mar-16	362,594,081	362,594,080	7,809,001	2,314,313,449
Apr-16	465,911,056	465,911,056	-	3,655,862,615
May-16	578,782,009	578,782,009	-	4,587,173,557
Jun-16	643,016,036	643,016,036	-	5,476,355,451
<b>Total</b>	<b>5,005,654,438</b>	<b>5,005,654,438</b>	<b>7,920,674</b>	<b>45,019,586,214</b>
Already Verified FCC (Rs.)				40,361,294,584
<b>Differential Verified FCC (Rs.) (A)</b>				<b>4,658,291,629</b>
<b>Revised VO&amp;M (01-07-15 to 31-12-15)</b>	<b>2,089,718,498</b>	<b>2,089,718,498</b>		<b>252,855,927</b>
<b>Revised VO&amp;M (01-01-16 to 31-06-16)</b>	<b>2,908,015,315</b>	<b>2,908,015,315</b>		<b>359,721,500</b>
<b>Revised Verified Total VO&amp;M (Rs.)</b>				<b>612,577,427</b>
Already Verified VO&M (Rs.)				430,284,954
<b>Differential Verified VO&amp;M (Rs.) (B)</b>				<b>182,292,473</b>
<b>Differential EPP Verified (FCC + VO&amp;M) (Rs.) (A+B)</b>				<b>4,840,584,102</b>
GST @ 17%				822,899,297
<b>Total Differential Payable (EPP + GST) (Rs.)</b>				<b>5,663,483,399</b>
Total Differential Claimed (Rs.)				5,762,384,810
Total Disallowed (Rs.)				98,901,411

**Northern Power Generation Company Limited**  
**Genco-III, T.P.S, Muzaffargarh.**  
**Already Verified EPP Summary For the Period From July-15 To June-16**

Month	FCC (Rs.)	VOM (Rs.)	Total (FCC + VO&M) (Rs.)	GST @ 17% (Rs.)	Total EPP + GST (Rs.)
Jul-15	5,175,816,499	10,307,878	5,186,124,378	881,641,144	6,067,765,522
Aug-15	5,630,943,322	12,563,764	5,643,507,086	959,396,205	6,602,903,291
Sep-15	4,317,846,989	11,847,712	4,329,694,702	736,048,099	5,065,742,801
Oct-15	4,220,376,513	11,843,106	4,232,219,619	719,477,335	4,951,696,954
Nov-15	1,117,081,544	2,910,273	1,119,991,817	190,398,609	1,310,390,425
Dec-15	928,625,262	2,770,227	931,395,489	158,337,233	1,089,732,722
Jan-16	4,164,517,632	72,795,710	4,237,313,342	720,343,268	4,957,656,610
Feb-16	1,941,688,482	39,722,042	1,981,410,524	336,839,789	2,318,250,313
Mar-16	1,992,575,821	46,122,060	2,038,697,882	346,578,640	2,385,276,522
Apr-16	3,343,308,286	60,568,436	3,403,876,722	578,659,043	3,982,535,765
May-16	3,616,938,766	75,241,661	3,692,180,427	627,670,673	4,319,851,100
Jun-16	3,911,575,466	83,592,085	3,995,167,551	679,178,484	4,674,346,035
<b>Total</b>	<b>40,361,294,584</b>	<b>430,284,954</b>	<b>40,791,579,539</b>	<b>6,934,568,522</b>	<b>47,726,148,060</b>

**Northern Power Generation Company Limited**  
**Genco-III, T.P.S, Muzaffargarh.**  
**Differential EPP For the Period From July-16 To June-17**

Month	NEO Claimed kWh	NEO Verified kWh	Revised FCC Rs.
Jul-16	588,040,195	588,040,195	5,538,919,397
Aug-16	514,294,115	514,294,115	5,075,711,260
Sep-16	534,419,825	534,419,825	5,051,181,139
Oct-16	492,451,109	492,451,109	5,163,836,958
Nov-16	148,562,351	148,562,351	1,569,886,175
Dec-16	379,040,082	379,040,082	4,206,562,103
Jan-17	462,744,975	462,744,975	5,317,333,636
Feb-17	102,238,108	102,238,108	1,183,326,170
Mar-17	384,795,004	384,795,004	4,709,029,906
Apr-17	582,632,631	582,632,631	6,895,013,439
May-17	683,443,446	683,443,446	7,720,111,400
Jun-17	609,777,318	609,777,318	6,560,641,505
<b>Total</b>	<b>5,482,439,159</b>	<b>5,482,439,159</b>	<b>58,991,553,091</b>
Already Verified FCC (Rs.)			50,886,404,111
<b>Differential Verified FCC (Rs.) ( A )</b>			<b>8,105,148,980</b>
<b>Revised VO&amp;M (01-07-16 to 31-12-16)</b>	<b>2,656,807,371</b>	<b>0.1248</b>	<b>331,569,598</b>
<b>Revised VO&amp;M (01-01-17 to 31-06-17)</b>	<b>2,825,631,111</b>	<b>0.1285</b>	<b>363,093,645</b>
<b>Revised Verified Total VO&amp;M (Rs.)</b>			<b>694,663,244</b>
Already Verified VO&M (Rs.)			674,260,240
<b>Differential Verified VO&amp;M (Rs.) ( B )</b>			<b>20,403,003</b>
<b>Differential EPP Verified (FCC + VO&amp;M) (Rs.) ( A+B )</b>			<b>8,125,551,983</b>
GST @ 17%			1,381,343,837
<b>Total Differential Payable (EPP + GST) (Rs.)</b>			<b>9,506,895,820</b>
Total Differential Claimed (Rs.)			9,506,895,820
Total Disallowed (Rs.)			-

**Northern Power Generation Company Limited**  
**Genco-III, T.P.S, Muzaffargarh.**  
**Already Verified EPP Summary For the Period From July-16 To June-17**

Month	FCC (Rs.)	VOM (Rs.)	Total (FCC + VO&M) (Rs.)	GST @ 17% (Rs.)	Total EPP + GST (Rs.)
Jul-16	3,501,043,476	76,445,225	3,577,488,701	608,173,079	4,185,661,780
Aug-16	3,319,136,225	66,858,235	3,385,994,460	575,619,058	3,961,613,518
Sep-16	3,567,382,916	69,474,577	3,636,857,493	618,265,774	4,255,123,267
Oct-16	4,859,402,198	59,094,133	4,918,496,331	836,144,376	5,754,640,707
Nov-16	1,565,532,028	17,827,482	1,583,359,510	269,171,117	1,852,530,628
Dec-16	4,191,084,778	45,484,810	4,236,569,588	720,216,830	4,956,786,418
Jan-17	5,131,742,112	55,529,397	5,187,271,509	881,836,156	6,069,107,665
Feb-17	1,103,885,414	12,268,573	1,116,153,987	189,746,178	1,305,900,165
Mar-17	4,157,952,630	46,175,400	4,204,128,031	714,701,765	4,918,829,796
Apr-17	6,179,734,184	69,915,916	6,249,650,100	1,062,440,517	7,312,090,617
May-17	7,290,238,299	82,013,214	7,372,251,513	1,253,282,757	8,625,534,270
Jun-17	6,019,269,850	73,173,278	6,092,443,128	1,035,715,332	7,128,158,460
Total	50,886,404,111	674,260,240	51,560,664,351	8,765,312,940	60,325,977,290

**Purchase - Sale Difference**

<b>Description</b>						<b>Provisional</b>
	<b>Jul-17</b>	<b>Aug-17</b>	<b>Sep-17</b>	<b>Oct-17</b>	<b>Nov-17</b>	<b>Over-All</b>
<b>Energy Acquired (MkWh)</b>	12,496.627	12,754.299	11,489.005	10,176.487	7,170.428	54,086.847
<b>Energy Sold (MkWh)</b>	12,281.041	12,422.130	11,241.716	9,931.796	6,951.382	52,828.064
<b>Difference (MkWh)</b>	215.587	332.169	247.289	244.691	219.047	1,258.782
<b>Difference (%)</b>	<b>1.73%</b>	<b>2.60%</b>	<b>2.15%</b>	<b>2.40%</b>	<b>3.05%</b>	<b>2.33%</b>

# CERTIFICATE

## FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

### REGARDING 1994 POWER POLICY (HUBCO & KAPCO INCLUSIVE)

FOR THE MONTH OF NOVEMBER, 2017

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 (IT) CPPA-G

7/11/2017



# **CERTIFICATE**

## **FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF**

### **REGARDING 2002 POWER POLICY FOR THE MONTH OF**

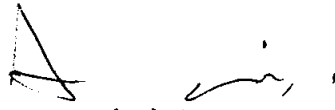
**NOVEMBER,2017**

This is to certify that :-

- 1) All purchases have been made from Generation Companies having valid generation License issued by NEPRA except TPS Quetta..
- 2) Invoices of all Electricity Purchaser have been made strictly in accordance with the rates, Terms & conditions as determined / approved / specified by NEPRA and notified in the Official Gazette, However Payment regarding periodical adjustments are made as per decision of NEPRA.

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, CPPA will be responsible for the consequences arising out of any misstatement under NEPRA Act, Rules & Regulations made there under a relevant Law of the country, whichever is applicable.

**Aamer Rashid**



**Addl: Manager (IT) CPPA-G**