



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



CEO CPPA-G
NEECA Building G-5/2, Islamabad.

No.CEO/CPGA-G/ 8605

Dated: 13-04-2018

The Registrar NEPRA,
NEPRA TOWER,
Sector G-5/1,
Islamabad.

Subject: ENERGY PURCHASE DATA FOR THE MONTH OF MARCH, 2018.

Please find annexed Monthly Purchase Data for March, 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. Certificate(s) provided by quarters concerned are enclosed.

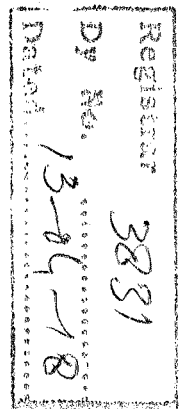
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Chief Financial Officer
(CPGA-G)



Sl. No.	IPPs	Block	Fuel	Dep. Capacity (MW)	Energy (KWH)	Cur. Month EPP (Rs.)			Prev. EPP Adj. (Rs.)	Prev. EPP (Ver - Claim) (Rs.)	Energy Payment Price (EPP)						
						FCC	VO&M	Total			Start-Up	PLAC	Open Cycle	Bonus	Fuel Differential	E. Duty	Suppl. Total (Rs.)
																	Total EPP (Rs.)
1	KAPCO	B-I	RFO	1,345.00	36,463,500	346,793,937	17,473,021	364,266,958	0			158,818	6,316,797				6,473,815
			Gas		169,215,000	1,594,838,032	46,745,938	1,641,583,970	0			422,748	16,896,784				17,319,532
		B-II	HSD						0								1,658,903,502
			RFO		8,441,709	88,116,360	5,694,165	93,810,525	0			51,495	2,658,213				2,109,708
KAPCO Total:-		B-III	Gas		343,840,300	3,569,630,764	111,106,316	3,680,737,080	0			1,004,792	40,160,483				41,165,275
			Gas		52,002,600	559,121,908	32,389,804	591,511,712	0			292,918	11,707,617				12,000,535
			HSD						0								603,512,247
					609,963,000	6,158,501,001	213,409,244	6,371,910,245	0			1,929,870	77,138,894				79,068,864
2	HUBCO		RFO	1,200.00	216,104,600	2,837,608,296	41,385,725	2,878,995,021			7,261,131	522,124					79,068,864
3	KEL		RFO	124.00	17,538,000	591,894,851	36,841,264	627,736,115									6,450,978,169
4	AES LALPUR		RFO	347.30	3,019,000	833,573,140	13,028,926	846,602,074									2,885,778,276
5	AES PAKGEN		RFO	348.60	130,103,000	1,469,316,929	23,214,538	1,492,531,467									627,736,115
6	SEPCOL		RFO	110.17	0												846,602,074
7	HCPC		Gas	129.15	4,740,129	243,593,029	35,015,750	278,608,779									1,492,531,467
8	FKPCL		Gas	151.00	105,206,760	1,032,489,329	82,371,586	1,114,860,916	946,156,964					4,393,568			278,608,779
9	ROUSCHI		Gas	395.00	175,155,077	1,767,970,896	51,092,736	1,819,063,632									2,065,411,447
10	SABA		RFO	125.55	2,290,721	467,682,870	7,548,894	465,231,764									4,393,568
11	PAN		RFO	107.00	0												14,684,247
12	USH		Gas	551.25	404,933,000	1,137,233,035	100,706,837	1,237,939,873	267,869,300					20,928,784			718,595,316
13	TERN		Gas	26.40	2,321,270	31,540,583	1,658,272	33,198,855									465,231,764
14	LIBERTY		Gas	211.05	0												58,977,190
15	Davis Energon		Gas	10.50	0												77,805,974
16	CHASNUPP		Nucl.	300.00	145,874,000	151,037,940		151,037,940									1,583,715,147
17	CHASNUPP-II		Nucl.	315.00	195,970,000	183,192,756		183,192,756									33,198,855
18	CHASNUPP-III		Nucl.	315.00	221,472,000	247,982,198		247,982,198									151,037,940
19	CHASNUPP-IV		Nucl.	340.00	222,962,000	237,905,185		237,905,185									183,192,756
20	RAW		RFO	96.00	42,165,600	466,170,646		466,170,646	12,036,919								247,982,198
Sub Total				6,548.77	2,719,717,157	17,847,692,893	808,274,772	18,452,967,465	140,269,771		7,261,131	2,452,094	77,138,894	25,322,352	14,684,247	58,977,190	154,467,414
1	Attock Gen		RFO	156.18	83,813,302	844,342,030	84,391,814	928,733,844									18,747,704,650
2	Atlas Power		RFO	213.86	129,327,222	1,270,379,954	128,150,344	1,398,530,298	(52,792,019)	(4)							875,941,621
3	Nislat Power		RFO	195.31	102,119,817	1,009,900,907	101,190,527	1,111,091,434									1,398,530,298
4	Foundation Power		Gas	177.00	126,451,734	499,427,765	51,238,243	550,666,009									1,102,423,663
5	Orient		Gas	212.74	151,587,620	1,334,277,077	35,194,016	1,369,471,092	4,668,445								550,666,009
6	Nishat Chumian		HSD		0												1,374,139,537
7	Sail Power		RFO	195.72	80,670,900	873,785,660	87,661,194	961,436,854									861,436,854
8	Sail Power		Gas	204.12	140,398,007	1,313,713,777	58,832,053	1,372,545,830									1,372,545,830
9	Engro Energy		HSD		0												715,429,787
10	Sapphire Power Ltd		Gas	212.11	141,528,260	1,257,534,922	55,295,091	1,312,830,013									1,312,830,013
11	WBCO-Narowat		HSD		0												
12	Liberty Power		RFO	213.82	112,116,350	1,073,753,888	105,211,858	1,178,965,746									1,178,965,746
13	Halmore		RFO	196.14	112,467,848	1,050,434,767	124,130,543	1,174,565,310	(492,862)	(145)							1,174,565,310
14	Halmore		Gas	206.81	145,453,028	1,275,542,455	57,730,307	1,333,272,773									1,174,565,310
15	Halmore		HSD		0												1,333,272,773
16	USH-II		Gas	375.20	156,020,726	789,257,278	21,749,289	811,046,567									827,574,324
17	W-I		Bagasse	26.60	13,377,600	83,060,181	6,337,923	89,997,804									89,997,805
18	W-III		Bagasse	26.60	17,543,350	108,924,906	9,997,981	118,922,887									118,922,887
19	RYK		Bagasse	30.00	14,752,500	81,681,859	7,657,752	99,339,611									99,339,611
20	RYK		Bagasse		0												
21	RYK		Bagasse	62.40	30,192,110	187,459,792	15,857,628	203,317,420									203,317,420
22	Fatima		Bagasse	118.80	0												
23	Halmore		Coal		0												
24	Halmore		Bagasse	18.00	8,573,650	52,697,940	4,981,291	57,679,231	3,844,774	842,485							62,366,490
25	Layyah		Bagasse	18.00	6,648,720	38,384,444	2,856,956	41,221,399									41,221,399
26	QATPL		RLNG	1,180.00	175,010,500	1,264,430,398		1,264,430,398	5,860,952	(97,319,887)							1,162,961,463
27	Naveli Bahadar shah		RLNG	1,230.00	295,305,600	2,102,870,450	3,083,827	2,105,954,277	941,644	(2,459,424)							2,104,436,497
28	Coal Fire Power Plant		Coal	1,320.00	849,497,476	5,811,722,756	112,303,565	5,924,026,322									5,924,026,322
29	Gulf Power Gen		RFO	62.00	0												
30	Reshman		RFO	97.00	3,061,590												
31	Halki		RLNG	1,320.00	33,819,900	359,167,338		359,167,338	(1,237,970)	(2,684,813)							355,244,556
32	Halki		Coal	1,320.00	414,084,600	2,886,169,662		2,886,169,662									2,886,169,662
Sub Total				9,606	3,515,955,440	26,227,903,200	1,129,608,510	27,357,511,710	(39,217,140)	(93,285,203)							27,225,008,367
G-Total				16,154.47	6,235,672,597	44,075,595,893	1,734,883,282	45,810,479,175	101,052,631	(93,285,203)	7,261,131	2,452,094	77,138,894	25,322,352	14,684,247	58,977,190	154,467,414

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

S.No.	Power Producer	Fuel	Dep. Capacity (MW)	Energy KWh	FCG Rs.	VO&M Rs.	Total Energy Cost (Rs.)
6	Nishat Churnan	RFO	186	88,670,809	873,785,680	87,651,194	961,436,854
7	Saif Power	RLNG	204	148,398,007	1,313,713,777	58,632,053	1,372,345,830
8	Engro Energy	Gas	213	154,661,213	658,962,982	56,466,809	715,429,791
9	Sapphire Power	RLNG	203	141,528,269	1,257,534,822	55,295,091	1,312,830,013
10	Hukio Norawal	HSD					0
11	Liberty Power	RFO	214	112,118,356	1,073,753,888	105,211,858	1,178,965,746
12	Halimere	RFO	196	112,467,648	1,050,434,767	124,130,543	1,174,565,310
13	Uch-II	RLNG	199	145,453,028	1,275,542,466	57,730,307	1,333,272,773
14	JWW-I	HSD					0
15	JWW-II	Gas	381	156,029,728	789,297,278	21,749,289	811,046,567
16	RYK	Bagasse	26	13,377,600	83,060,181	6,937,623	89,997,804
17	Chiriot Power	Bagasse	26	17,543,359	108,924,906	9,697,961	118,022,887
18	Falima Energy	Bagasse	24	14,752,500	91,681,859	7,657,752	99,339,611
19	Hanza Sugar Mills	Bagasse	62	30,192,110	187,459,792	15,657,628	203,117,420
20	Layyah Sugar Mills	Coal	119				
21	QATP	Bagasse	15	8,573,650	52,597,940	4,981,291	57,679,231
22	Haveli Bahadur Shah	Bagasse	41	6,648,720	38,364,444	2,856,955	41,221,399
23	Coal Fire Power Plant	RLNG	1,180	175,810,500	1,254,430,398		1,254,430,398
24	Gul Power Gen	Coal	1,230	295,395,600	2,102,870,450	3,083,827	2,105,954,277
25	Hedman	Coal	1,320	849,487,476	5,811,722,756	112,303,566	5,924,028,322
26	Baidu	RFO	62				
27	Port Qasim	RFO	97	3,661,590			
		RLNG	1,320	33,819,900	359,167,338		359,167,338
		Coal	1,320	414,084,600	2,886,169,662		2,886,169,662
Sub-Total:			9,598	3,515,955,440	26,227,903,200	1,129,608,510	27,357,611,770
IPP's Total:-			16,166	6,235,672,597	44,075,595,893	1,734,683,282	45,810,479,175
4	Others						
1	TPS-Quetta	Gas	25	(32,000)	(275,200)	(2,205)	-277,405
2	Zorlu	Wind	56	7,110,960	-	44,799	44,799
3	EFCEL	Wind	50	5,314,860	-	12,483,543	12,483,543
4	TGF	Wind	50	6,617,700	-	13,881,949	13,881,949
5	Foundation	Wind	50	13,214,560	-	29,322,837	29,322,837
6	Sapphire Wind Power	Wind	50	6,761,780	-	13,192,233	13,192,233
7	Yousang Energy Ltd.	Wind	50	8,766,510	-	17,103,461	17,103,461
8	Metro Wind Power	Wind	50	8,508,520	-	12,067,776	12,067,776
9	Gul Ahmad Wind Power	Wind	50	8,473,650	-	16,532,091	16,532,091
10	Master Wind Power	Wind	50	6,906,710	-	13,474,991	13,474,991
11	Tengra General	Wind	50	6,749,820	-	13,168,899	13,168,899
12	Tapal Wind	Wind	31	4,327,340	-	8,442,640	8,442,640
13	HDPPL Wind	Wind	50	7,156,630	-	13,962,585	13,962,585
14	SEDL Wind	Wind	50	8,028,870	-	15,664,325	15,664,325
15	UEPL Wind	Wind	99	17,404,230	-	13,241,379	13,241,379
16	Quide-Azam Solar Park	Solar	52	16,135,170	-	43,658,543	43,658,543
17	Apollo Solar Park	Solar	100	16,568,800	-	41,123,762	41,123,762
18	Best Green Energy	Solar	100	16,590,790	-	41,619,656	41,619,656
19	Crest Energy	Solar	100	16,747,220	-	42,012,076	42,012,076
20	Harappa	Solar	18	3,048,480	-	5,704,925	5,704,925
21	Aj Solar	Solar	18	1,794,030	-	3,357,348	3,357,348
22	AEP Wind	Wind	50	13,883,820	-		
23	Jhanger Wind	Wind	50	10,258,510	-		
24	HAWA Wind	Wind	50	9,707,530	-		
25	SPPs	Mixed	257	68,806,508	468,194,299	-	468,194,299
Sub-Total			1,550	288,911,098	467,979,099	370,057,614	837,876,713
G-Total:			29,749	8,740,904,606	53,956,598,810	2,471,212,553	56,427,811,364
Summary							
1	Hydel			872,442,734	-	94,546,712	94,546,712
2	Coal			1,263,582,076	8,697,892,418	112,303,566	8,810,195,984
3	HSD				-	-	0
4	F.O.			1,410,351,509	15,274,522,474	803,048,012	16,077,568,486
5	Gas			1,860,055,867	8,843,442,179	477,524,841	9,320,967,021
6	RLNG			2,126,097,792	18,824,069,593	566,542,373	19,390,611,969
7	Nuclear			788,178,000	820,118,079	-	820,118,079
8	Import from Iran			42,165,600	466,170,646	-	466,170,646
9	Wind Power			149,252,100	-	192,583,508	192,583,508
10	Solar			70,884,490	-	177,476,310	177,476,310
11	Bagasse			91,087,930	562,189,122	47,189,230	609,378,352
	Mixed			68,806,508	468,194,299	-	468,194,299
Total For The month				8,740,904,606	53,956,598,810	2,471,212,553	56,427,811,364
Prev. Adjustment					6,291,633,040	-	6,291,633,040
Grand Total:				8,740,904,606	60,248,231,850	2,471,212,553	62,719,444,404
				Energy Cost (Rs.)	60,248,231,850	2,471,212,553	62,719,444,404
				Cost not chargeable to DISCOs (Rs.)	233,099,021	-	233,099,021
				ETP (Chargeable) (Rs.)	60,015,132,829	2,471,212,553	62,486,345,383
				Energy Sold (KWh)	8,468,841,710	8,468,841,710	8,468,841,710
				Avg. Rate (Rs./KWh)	7.086581	0.291801	7.378382
				Reference Rate (Rs./KWh)	6.6429		
				FCA Rate (Rs./KWh)	0.4437		

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Energy Procurement Report (Provisional)
Mar/2018

S.No.	Power Producer	Fuel	Dep. Capacity (MW)	Energy KWh	FCC Rs.	VORM Rs.	Total Energy Cost (Rs.)
1	Hydel						
	i. WAPDA	Hydel	8,902	795,438,046	-	72,304,522	72,304,522
	ii. Jagan	Hydel	30	1,857,200	-	3,710,686	3,710,686
	iii. Pabaro	Hydel	18	1,396,440	-	397,985	397,985
	iv. Malakand-II SHYDO	Hydel	81	25,130,000	-	6,282,500	6,282,500
	v. Loralh	Hydel	84	29,153,548	-	8,479,556	8,479,556
	vi. Star Hydro	Hydel	147	19,265,500	-	3,371,463	3,371,463
	vii. Head Maralla	Hydel	8	202,000	-	-	0
Hydel Total:			7,270	872,442,734	-	94,546,712	94,546,712
2	EX-WAPDA GENCOs						
	GENCO-I						
	Jamshoro Block 1	RFO	205	(591,500)	-	-	-
	Unit 1	Gas	-	-	-	-	-
	Jamshoro Block 2	-	470	-	-	-	-
	Unit-2	RFO	-	-	-	-	-
	Gas	-	-	(591,500)	(3,605,607)	(54,714)	(3,660,321)
	Unit-3	RFO	-	4,761,299	61,706,435	440,420	62,148,855
	Gas	-	-	5,681,201	33,709,974	525,511	34,235,485
	Unit-4	Gas	-	78,062,902	453,248,821	7,220,818	460,460,639
	Unit-4	RFO	-	8,994,598	114,115,365	832,000	114,947,365
	Kotri 3-7	Gas	107	8,260,000	45,421,098	764,050	46,185,148
	Jamshoro Block 4	Gas	-	-	-	-	-
	Jamshoro Total		782	104,577,000	704,596,086	9,728,086	714,324,172
	GENCO-II						
	Guddu CC 11-13	Gas	300	128,575,459	822,844,365	8,858,849	831,703,214
	Central Block 2	Gas	-	284,714,426	1,349,631,794	19,616,824	1,369,248,618
	Guddu CC 5-10	Gas	530	9,078,049	64,546,560	625,478	65,174,037
	Guddu 747 (CC)	Gas	721	293,090,400	1,524,861,424	87,868,502	1,612,729,926
	Central Total		1,641	736,355,400	3,846,625,120	117,996,060	3,964,621,181
	GENCO-III						
	Northern Block 1						
	Unit 1	RFO	-	34,725,345	422,704,679	4,639,306	427,343,985
	Unit 2	RFO	556	39,500,197	487,341,581	5,277,226	492,618,807
	Unit 3	RFO	-	9,358,570	111,472,054	1,250,316	112,722,372
	Unit 1	GAS	-	5,366,474	31,256,491	716,961	31,973,452
	Unit 2	GAS	-	3,495,433	20,634,839	466,990	21,101,929
	Northern Block 2	RFO	-	-	-	-	0
	Block 2 Unit 4	RFO	272	69,625,724	828,086,585	9,301,997	837,388,562
	Block 2 Unit 4	GAS	-	4,730,344	21,441,230	631,974	22,073,204
	Northern Block 3	RFO	-	14,958,820	85,126,157	1,998,498	87,124,655
	Block 3 Unit 5	RFO	355	32,869,778	416,266,156	4,391,402	420,657,558
	Block 3 Unit 6	RFO	-	9,213	119,865	1,231	121,096
	Block 3 Unit 6	GAS	-	399,123	2,484,620	53,323	2,537,943
	Northern Block 4	Gas	117	-	-	-	0
	Northern Block 5	RFO	97	-	-	-	0
	Northern Block 5	Gas	-	-	-	-	0
	Northern Block 6	Gas	75	(5,344)	(43,310)	(714)	-44,024
	Rawalpindi	RFO	411	293,912,000	2,434,971,565	115,272,286	2,550,243,851
	Northern Total:		1,884	508,945,777	4,961,862,612	144,000,799	5,005,863,411
	GENCO-IV						
	Coal		31	-	-	-	-
	Sub-Total:		31	-	-	-	-
GENCOs Total:			4,762	1,343,878,177	9,413,083,818	271,724,945	9,684,808,763
3	IPPs						
	1. Kot Addu Block 1	RFO	325	36,463,500	346,793,937	17,473,021	364,266,958
		RLNG	-	169,215,000	1,594,838,032	46,745,938	1,641,583,970
		HSD	-	-	-	-	0
	Kot Addu Block 2	RFO	762	8,441,700	88,116,360	5,694,165	93,810,525
		RLNG	-	343,840,300	3,569,630,764	111,106,316	3,680,737,060
		HSD	749	52,002,500	559,121,908	32,389,804	591,511,712
			-	-	-	-	0
	KAPCO Total		1,336	609,963,000	6,158,501,001	213,409,244	6,371,910,245
	2. Hub Power	RFO	1,200	216,104,600	2,837,608,296	41,386,725	2,878,995,021
	3. Kohinoor Energy	RFO	124	57,538,000	591,894,851	35,841,264	627,736,115
	4. AES Laspur	RFO	350	73,019,000	833,573,148	13,028,926	846,602,074
	5. Pak Gen Power Limited	RFO	349	130,103,000	1,469,316,929	23,214,538	1,492,531,467
	7. Habibullah	Gas	129	74,740,129	243,593,029	35,015,750	278,608,779
	8. Fauji Kahrwal	Gas	151	105,205,760	1,032,489,329	82,371,586	1,114,860,915
	9. Reuseh	RLNG	395	175,155,077	1,767,970,896	51,092,736	1,819,063,632
	10. Saba Power	RFO	126	42,290,721	457,882,870	7,548,894	465,231,764
	12. Uch	Gas	951	404,833,000	1,137,233,036	100,706,837	1,237,939,873
	13. Altein	Gas	27	2,321,270	31,540,583	1,658,272	33,198,855
	14. Liberty	Gas	212	-	-	-	0
	15. Davis Emergen	RLNG	10	-	-	-	0
	16. Chashma Nuclear-II	Nucl.	300	145,874,000	151,037,940	-	151,037,940
	17. Chashma Nuclear-II	Nucl.	315	195,970,000	183,192,756	-	183,192,756
	18. Chashma Nuclear-III	Nucl.	340	221,472,000	247,982,198	-	247,982,198
	19. Chashma Nuclear-IV	Nucl.	340	222,882,000	237,905,185	-	237,905,185
	20. Tavanir Iran	Import	90	42,165,600	466,170,646	-	466,170,646
Sub-Total:			6,588	2,719,717,157	17,847,692,693	605,274,772	18,452,967,465
4	1. Allcock Gen	RFO	156	83,813,302	844,342,030	84,391,614	928,733,644
	2. Atlas Power	RFO	214	129,327,222	1,270,379,954	128,150,344	1,398,530,298
	3. Nishat Power	RFO	193	102,119,817	1,009,900,907	101,190,527	1,111,091,434
	4. Foundation Power	Gas	171	126,451,734	499,427,766	51,238,243	550,666,009
	5. Orient	RLNG	213	151,567,620	1,334,277,077	35,194,015	1,369,471,092
							0

Supplemental EPP charges under PPA's Mar/18			
S.No.	Generators	Description	Amount (Million Rs.)
1	Hydel		-
2	GENCOS		-
3	IPPs	Start-Up	7.26
		PLAC	2.45
		Open Cycle	77.14
		Bonus	25.32
		Fuel Differential	-14.68
		E-Duty	56.98
		Sub-Total:-	154.47
		Total (1 + 2 + 3)	154.47

CERTIFICATE

FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

REGARDING 2002 POWER POLICY FOR THE MONTH OF

March ,2018

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.



Manager (IT) CPPA-G

CERTIFICATE

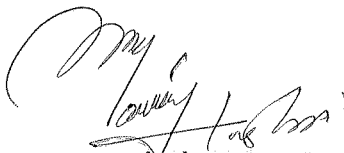
FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

REGARDING 1994 POWER POLICY (HUBCO & KAPCO INCLUSIVE)

FOR THE MONTH OF March,2018

This is to certify that :-

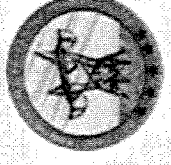
- i) All purchases have been made from IPP's Under 1994 Policy, including HUBCO , KAPCO & Chasnupp and Excluding Tavanir, having valid generation License issued by NEPRA.
 - ii) Invoices of all Electricity Purchaser have been made strictly in accordance with the rates, Terms & conditions as stipulated 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

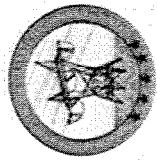
NTDC T&T Losses

March - 2018

Recovery Section NTDC
Provisional, Errors & Omissions are excepted



NATIONAL TRANSMISSION & DES
PATCH COMPANY (NTDC) LIMITED PAKIS



NATIONAL TRANSMISSION & DESPATCH COMPANY LIMITED

T&T Losses (500kV & 220kV System)

March – 2018

DESCRIPTION	GENERATION POINTS (kWh)	DISTRIBUTION POINTS (kWh)	TOTAL ENERGY (kWh)
Energy Received by NTDC at CDPs	7,275,434,503	174,294,815	7,449,729,318
Energy Delivered by NTDC at CDPs	1,358,865,463	5,861,649,332	7,220,514,849
T&T LOSSES (kWh)			229,214,469
T&T LOSSES %AGE			3.077

Thanks



Metering Information System
Billing & Recovery Section, NTDC
T&T Losses (500kV & 220kV System)
March-2018

Description	Generation Points (kWh)	Distribution Points (kWh)	Total Energy (kWh)
Energy Received by NTDC at CDPs	7,275,434,503	174,294,815	7,449,729,317
Energy Delivered by NTDC at CDPs	1,358,865,463	5,861,649,332	7,220,514,795
T&T Losses			229,214,523
T&T Losses (% age)			3.077%



Metering Information System
Billing & Recovery Section, NTDC
Generation Points (500 & 220kV Stations)
Mar-18

Sr No	Grid Station	Metering Point Description (Line/TF)	From	To	Energy kWh	
					Received	Delivered
1	Atlas Power TPS	220 kV L2	IPP	NTDC	16,202,640	12,480,432
2	Atlas Power TPS	220 kV L1	IPP	NTDC	125,608,416	0
3	CCPP Balloki	T1	IPP	NTDC	8,865,600	1,059,100
4	CCPP Balloki	T3	IPP	NTDC	3,812,600	1,900
5	CCPP Balloki	T2	IPP	NTDC	21,141,700	835,200
6	CCPP Bhikki	T2	IPP	NTDC	37,973,900	817,000
7	CCPP Bhikki	T3	IPP	NTDC	87,953,300	528,200
8	CCPP Bhikki	T1	IPP	NTDC	49,883,300	28,000
9	CCPP Haveli Bahadur Shah	HAVELI BAHADUR SHAH GT-2	IPP	NTDC	99,002,900	243,000
10	CCPP Haveli Bahadur Shah	HAVELI BAHADUR SHAH GT-1	IPP	NTDC	100,716,800	739,700
11	CCPP Haveli Bahadur Shah	HAVELI BAHADUR SHAH ST	IPP	NTDC	95,675,900	639,600
12	Chashnup Mianwali TPS	T1 (C3)	IPP - 94	NTDC	221,472,000	313,000
13	Chashnup Mianwali TPS	T1 (C4)	IPP - 94	NTDC	222,862,000	250,000
14	Chashnup Mianwali TPS	T1 (C1)	IPP - 94	NTDC	145,874,000	3,786,000
15	Chashnup Mianwali TPS	T1 (C2)	IPP - 94	NTDC	195,970,000	932,000
16	Engro Power TPS	220 kV ENGRO POWER - ST	IPP	NTDC	67,465,512	0
17	Engro Power TPS	220 kV ENGRO POWER - GT	IPP	NTDC	87,229,177	0
18	Foundation Power co TPS	220 kV Line 2	IPP	NTDC	25,245,816	1,439
19	Foundation Power co TPS	220 kV Line 1	IPP	NTDC	101,238,685	0
20	Ghazi Barotha HPS	220 kv Sheikh Muhammadi Line	WAPDA	NTDC	6,866,000	7,820,000
21	Ghazi Barotha HPS	500 kV Rawat-1 Line	WAPDA	NTDC	142,955,000	0
22	Ghazi Barotha HPS	500 kV Rawat-2 Line	WAPDA	NTDC	144,592,000	0
23	Ghazi Barotha HPS	550 kV Tarbela-1 Line	WAPDA	NTDC	107,156,000	612,000
24	Ghazi Barotha HPS	500 kV Gatti-1 Line	WAPDA	NTDC	515,000	184,960,000
25	Ghazi Barotha HPS	500 kV Gatti-2 Line	WAPDA	NTDC	466,000	174,308,000
26	Ghazi Barotha HPS	500 kV Tarbela-2 Line	WAPDA	NTDC	101,230,000	576,000
27	Ghazi Barotha HPS	220 kv Mardan Line	WAPDA	NTDC	103,807,000	0
28	Guddu TPS	220/500 kV T3	GENCO	NTDC	134,073,000	0
29	Guddu TPS	220 kV Shikarpur II Line	GENCO	NTDC	2,028,000	10,972,000
30	Guddu TPS	220/500 kV T1	GENCO	NTDC	139,395,000	0
31	Guddu TPS	220/500 kV T2	GENCO	NTDC	134,873,000	0
32	Guddu TPS	220 kV Shikarpur I Line	GENCO	NTDC	1,746,000	9,836,000
33	Guddu TPS	220 kV Sibbi Line	GENCO	NTDC	3,329,000	19,616,000
34	Guddu TPS (747 MW)	500 kV T3	GENCO	NTDC	0	0
35	Guddu TPS (747 MW)	500 kV T2	GENCO	NTDC	147,550,000	5,000
36	Guddu TPS (747 MW)	500 kV T1	GENCO	NTDC	145,011,000	88,000
37	HUBCO Karachi	500 kV NKI Line	IPP - 94	NTDC	186,973,000	1,726,000
38	HUBCO Karachi	500 kV Jamshoro Line	IPP - 94	NTDC	73,060,000	42,203,000
39	Jamshoro TPS	220 kV Circuit 2 to 500 kV G/S	GENCO	NTDC	0	0
40	Jamshoro TPS	220 kV Circuit 4 to 500 kV G/S	GENCO	NTDC	87,426,000	0
41	Jamshoro TPS	Starting T/F (220/66 kV) T-5 for TPS JAMSHORO	GENCO	NTDC	0	0
42	Jamshoro TPS	220 kV Circuit 1 to 500 kV G/S	GENCO	NTDC	0	0
43	Jamshoro TPS	220 kV Circuit 3 to 500 kV G/S	GENCO	NTDC	10,844,000	0
44	Jamshoro TPS	Starting T/F (220/66 kV) T-4 for TPS JAMSHORO	GENCO	NTDC	0	1,183,000
45	KAPCO TPS	220 kV T/L KAPCO - New Multan - 6	IPP - 94	NTDC	113,563,000	4,000
46	KAPCO TPS	220 kV T/L KAPCO - New Multan - 4	IPP - 94	NTDC	61,160,000	2,000
47	KAPCO TPS	220 kV T/L KAPCO - New Multan - 1	IPP - 94	NTDC	66,978,000	3,702,000
48	KAPCO TPS	220 kV T/L KAPCO - New Multan - 3	IPP - 94	NTDC	62,384,000	1,000
49	KAPCO TPS	220 kV T/L KAPCO - Pak Gen	IPP - 94	NTDC	21,133,000	6,634,000
50	KAPCO TPS	220 kV T/L KAPCO - New Multan - 5	IPP - 94	NTDC	109,391,000	4,000
51	Khawar HPS Projects	220kV ISPR (Sangjani) Line	WAPDA	NTDC	0	69,120
52	Lalpir Power TPS	220 kV Muzaffar Garh L1	IPP - 94	NTDC	36,369,400	37,300
53	Lalpir Power TPS	220 kV Muzaffar Garh L2	IPP - 94	NTDC	36,649,600	126,500



Metering Information System
Billing & Recovery Section, NTDC
Generation Points (500 & 220kV Stations)
Mar-18

Sr No	Grid Station	Metering Point Description (Line/TF)	From	To	Energy kWh	
					Received	Delivered
54	Mangla HPS	220 kV Mangla - Kala Shah Kakoo - I	WAPDA	NTDC	421,000	10,824,000
55	Mangla HPS	220 kV Mangla - Ghakhar - I	WAPDA	NTDC	503,000	14,993,000
56	Mangla HPS	220 kV Mangla - New Ghakhar (Nokhar)	WAPDA	NTDC	242,000	17,694,000
57	Mangla HPS	220 kV Mangla - Kala Shan Kakoo - II	WAPDA	NTDC	444,000	11,278,000
58	Mangla HPS	220 kV Mangla - New Rawat - I	WAPDA	NTDC	10,953,000	5,614,000
59	Mangla HPS	220 kV Mangla - Ghakhar - II	WAPDA	NTDC	241,000	17,769,000
60	Mangla HPS	220 kV Mangla - Kala Shah Kakoo - III	WAPDA	NTDC	480,000	11,828,000
61	Mangla HPS	220 kV Mangla - New Rawat - II	WAPDA	NTDC	11,175,000	5,293,000
62	Muzaffar Garh TPS	500kV Grid Auxiliary (6.6 kV)	GENCO	NTDC	27,777	0
63	Muzaffar Garh TPS	220 kV NEW MULTAN-1	GENCO	NTDC	0	0
64	Muzaffar Garh TPS	220 kV NEW MULTAN-3	GENCO	NTDC	73,181,000	0
65	Muzaffar Garh TPS	220 kV KAPCO-2	GENCO	NTDC	3,701,000	65,341,000
66	Muzaffar Garh TPS	220 kV MUZAFFARGARH ATB-2	GENCO	NTDC	58,059,000	34,637,000
67	Muzaffar Garh TPS	220 kV LALPIR-2	GENCO	NTDC	129,000	36,568,000
68	Muzaffar Garh TPS	220 kV BAHAWALPUR-2	GENCO	NTDC	71,222,000	187,000
69	Muzaffar Garh TPS	500kV Grid Auxiliary (132 kV)	GENCO	NTDC	0	0
70	Muzaffar Garh TPS	220 kV NEW MULTAN-2	GENCO	NTDC	147,108,000	0
71	Muzaffar Garh TPS	220 kV NEW MULTAN-4	GENCO	NTDC	62,361,000	0
72	Muzaffar Garh TPS	220 kV MUZAFFAR GARH	GENCO	NTDC	55,768,000	32,023,000
73	Muzaffar Garh TPS	220 kV LALPIR-1	GENCO	NTDC	38,000	36,263,000
74	Muzaffar Garh TPS	220 kV BAHAWALPUR-1	GENCO	NTDC	69,255,000	39,000
75	Muzaffar Garh TPS	220 kV PAKGEN-1	GENCO	NTDC	68,000	143,542,000
76	Pak Gen TPS	220 kV Line 1	IPP - 94	NTDC	144,151,900	67,800
77	Pak Gen TPS	220 kV Line 2	IPP - 94	NTDC	6,544,700	20,716,600
78	Port Qasim Coal Power House	G-1	IPP	NTDC	307,165,300	0
79	Port Qasim Coal Power House	SS T/F	IPP	NTDC	0	3,283,200
80	Port Qasim Coal Power House	G-2	IPP	NTDC	106,919,300	0
81	Rousch TPS	500 kV Gatti Line	IPP - 94	NTDC	358,428,000	8,000
82	Rousch TPS	500 kV Multan Line	IPP - 94	NTDC	4,280,000	187,570,000
83	Sahiwal Coal (1320 MW)	500 KV TL-1	IPP	NTDC	424,702,700	782,900
84	Sahiwal Coal (1320 MW)	500 KV TL-2	IPP	NTDC	430,266,200	4,442,100
85	Tarbela HPS	500 kV Barotha 1 Line	WAPDA	NTDC	622,000	106,375,000
86	Tarbela HPS	220 kV ISPR (Sangiani) Line	WAPDA	NTDC	108,729,000	0
87	Tarbela HPS	220 kV Mardan 2 Line	WAPDA	NTDC	50,644,000	0
88	Tarbela HPS	220 kV Mardan 1 Line	WAPDA	NTDC	49,558,000	0
89	Tarbela HPS	500 kV Barotha 2 Line	WAPDA	NTDC	580,000	99,454,000
90	Tarbela HPS	220 kV Burhan 3 Line	WAPDA	NTDC	107,370,000	0
91	Tarbela HPS	220 kV Burhan 1 Line	WAPDA	NTDC	0	0
92	Tarbela HPS	220 kV Burhan 2 Line	WAPDA	NTDC	0	0
93	Tarbela HPS	500 kV Rawat Line	WAPDA	NTDC	61,012,000	2,196,000
94	Tarbela HPS	500 kV Peshawar Line	WAPDA	NTDC	92,190,000	2,767,000
95	Uch TPS 1	220 kV M2	IPP - 94	NTDC	225,961,000	0
96	Uch TPS 1	220 kV M1	IPP - 94	NTDC	178,972,000	0
97	Uch TPS 2	220 kV GT 1	IPP	NTDC	58,875,960	154,800
98	Uch TPS 2	220 kV GT 2	IPP	NTDC	42,450,864	15,564
99	Uch TPS 2	220 kV GT 3	IPP	NTDC	54,917,556	8
TOTAL					7,275,434,503	1,358,865,463



Metering Information System
Billing & Recovery Section, NTDC
Distribution Points (500 & 220kV Stations)
Mar-18

Sr No	Grid Station	Metering Point Description (Line/TF)	From	To	Energy kWh	
					Received	Delivered
1	Bahawalpur G/S	220/132 kV T2	NTDC	MEPCO	1,507,000	47,965,000
2	Bahawalpur G/S	11 kV Auxillary Supply	NTDC	MEPCO	20,310	0
3	Bahawalpur G/S	220/132 kV T1	NTDC	MEPCO	0	48,408,000
4	Bahawalpur G/S	220/132 kV T3	NTDC	MEPCO	1,883,000	47,918,000
5	Bahria Town Rawalpindi G/S	220 kV Bahria	NTDC	IESCO	0	5,479,000
6	Bandala G/S	220/132 kV T2	NTDC	FESCO	0	41,878,000
7	Bandala G/S	220/132 kV T1	NTDC	FESCO	20,000	50,906,000
8	Bandala G/S	AUX 132/11kV T-4	NTDC	FESCO	20,000	0
9	Bannu G/S	220/132 kV T/F T1	NTDC	PESCO	0	40,260,000
10	Bannu G/S	220/132 kV T/F T5	NTDC	PESCO	0	36,175,000
11	Bannu G/S	220/132 kV T/F T2	NTDC	PESCO	0	40,162,000
12	Bannu G/S	MISC AUX Bannu G/S	NTDC	PESCO	37,490	0
13	Bund Road G/S NTDC	220/132 kV T1	NTDC	LESCO	2,500,000	11,819,000
14	Bund Road G/S NTDC	220/132 kV T3	NTDC	LESCO	2,266,000	11,802,000
15	Bund Road G/S NTDC	MISC AUX Bund Road G/S NTDC	NTDC	LESCO	7,410	0
16	Bund Road G/S NTDC	220/132 kV T2	NTDC	LESCO	893,000	18,443,000
17	Bund Road G/S NTDC	220/132 kV T4	NTDC	LESCO	585,000	16,318,000
18	Burhan	220/132 kV T2	NTDC	IESCO	0	58,557,000
19	Burhan	220/132 kV T4	NTDC	IESCO	0	57,356,000
20	Burhan	220/132 kV T1	NTDC	IESCO	0	57,437,000
21	Burhan	220/132 kV T3	NTDC	IESCO	0	58,509,000
22	Burhan	MISC AUX Burhan	NTDC	IESCO	70,220	0
23	Chiniot Road G/S	11 kV GHATTI G/S Feeder	NTDC	FESCO	56,060	0
24	Chishtian G/S	M1	NTDC	MEPCO	25,000	34,973,000
25	Chishtian G/S	MISC AUX Chishtian G/S	NTDC	MEPCO	22,488	0
26	Chishtian G/S	M2	NTDC	MEPCO	25,000	35,140,000
27	Dadu G/S	220/132 kV T3	NTDC	SEPCO	2,000	21,206,000
28	Dadu G/S	220/132 kV T1	NTDC	SEPCO	0	24,772,000
29	Dadu G/S	220/132 kV T5	NTDC	SEPCO	2,000	33,750,000
30	Dahrki G/S Temporary	Auto T/F T2	NTDC	MEPCO	0	31,331,000
31	Dahrki G/S Temporary	Auto T/F T1	NTDC	MEPCO	0	46,592,000
32	Daud Kheil G/S	220/132 kV T2	NTDC	FESCO	28,000	49,701,000
33	Daud Kheil G/S	220/132 kV T1	NTDC	FESCO	30,000	48,599,000
34	Daud Kheil G/S	MISC AUX Daud Kheil G/S	NTDC	FESCO	5,400	0
35	DG Khan G/S	T5 - Auxillary	NTDC	MEPCO	46,000	0
36	DG Khan G/S	T3	NTDC	MEPCO	0	17,055,000
37	DG Khan G/S	T4	NTDC	MEPCO	0	66,185,000
38	Ghakkhar G/S	220/132 kV - T3	NTDC	GEPCO	14,123,000	2,850,000
39	Ghakkhar G/S	MISC AUX Ghakkhar G/S	NTDC	GEPCO	33,661	0
40	Ghakkhar G/S	220/132 kV - T1	NTDC	GEPCO	12,378,000	2,665,000
41	Ghakkhar G/S	220/132 kV - T2	NTDC	GEPCO	0	36,087,000
42	Ghakkhar G/S	220/132 kV - T4	NTDC	GEPCO	0	16,751,000
43	Ghazi G/S	220/132 kV T2	NTDC	LESCO	0	18,573,000
44	Ghazi G/S	220/132 kV T1	NTDC	LESCO	0	29,895,000
45	Ghazi G/S	MISC AUX Ghazi G/S	NTDC	LESCO	25,000	0
46	Gujrat	220/132 kV ATR-2	NTDC	GEPCO	17,000	13,272,000
47	Gujrat	Aux T-4	NTDC	GEPCO	79,655	0
48	Gujrat	220/132 kV ATR-3	NTDC	GEPCO	159,000	16,752,000
49	Gujrat	220/132 kV ATR-1	NTDC	GEPCO	18,000	13,264,000
50	Hala Road G/S	220/132 kV T1	NTDC	HESCO	0	43,384,000
51	Hala Road G/S	220/132 kV T3	NTDC	HESCO	0	39,674,000
52	Hala Road G/S	MISC AUX Hala Road G/S	NTDC	HESCO	23,627	0
53	Hala Road G/S	220/132 kV T2	NTDC	HESCO	0	43,815,000
54	Islamabad University G/S	220/132 kV T2	NTDC	IESCO	0	53,713,000
55	Islamabad University G/S	220/132 kV T1	NTDC	IESCO	0	52,185,000
56	Islamabad University G/S	MISC AUX Islamabad University G/S	NTDC	IESCO	16,644	0
57	ISPR G/S	220/132 kV T1	NTDC	IESCO	0	44,430,000
58	ISPR G/S	220/132 kV T4	NTDC	IESCO	0	42,915,000



Metering Information System
Billing & Recovery Section, NTDC
Distribution Points (500 & 220kV Stations)
Mar-18

Sr No	Grid Station	Metering Point Description (Line/TF)	From	To	Energy kWh	
					Received	Delivered
59	ISPR G/S	MISC AUX ISPR G/S	NTDC	IESCO	22,800	0
60	ISPR G/S	220/132 kV T2	NTDC	IESCO	0	44,745,000
61	ISPR G/S	220/132 kV T3	NTDC	IESCO	0	42,581,000
62	Jamshoro G/S	220/132KV 160 MVA T/F T-3	NTDC	HESCO	27,000	25,864,000
63	Jamshoro G/S	220/132KV 160 MVA T/F T-7	NTDC	HESCO	3,365,000	31,147,000
64	Jaranwala Road G/S	220/132 kV T2	NTDC	FESCO	0	37,614,000
65	Jaranwala Road G/S	220/132 kV T4	NTDC	FESCO	1,000	38,073,000
66	Jaranwala Road G/S	220/132 kV T1	NTDC	FESCO	0	53,665,000
67	Jaranwala Road G/S	220/132 kV T3	NTDC	FESCO	0	50,717,000
68	Jaranwala Road G/S	MISC AUX Jaranwala Road G/S	NTDC	FESCO	22,792	0
69	Jhampir G/S	M1	NTDC	HESCO	30,076,000	2,194,000
70	Jhampir G/S	MISC AUX Jhampir G/S	NTDC	HESCO	27,635	0
71	Jhampir G/S	M2	NTDC	HESCO	24,739,000	2,564,000
72	Kala Shah Kaku G/S	220/132 T4	NTDC	LESCO	0	3,413,000
73	Kala Shah Kaku G/S	MISC AUX Kala Shah Kaku G/S	NTDC	LESCO	42,400	0
74	Kala Shah Kaku G/S	220/132 T1	NTDC	LESCO	0	21,464,000
75	Kala Shah Kaku G/S	220/132 T3	NTDC	LESCO	0	27,941,000
76	Kala Shah Kaku G/S	220/132 T2	NTDC	LESCO	0	26,274,000
77	Kassowal	220/132 kV T1	NTDC	MEPCO	0	34,388,000
78	Kassowal	MISC AUX Kassowal	NTDC	MEPCO	25,360	0
79	Kassowal	220/132 kV T2	NTDC	MEPCO	0	34,338,000
80	KDA G/S	Jamshoro - 2	KESC	NTDC	655,000	26,170,000
81	KDA G/S	Jamshoro - 1	KESC	NTDC	398,000	32,176,000
82	Khuzdar G/S	220/132 kV T1	NTDC	QESCO	0	49,106,000
83	Khuzdar G/S	MISC AUX Khuzdar G/S	NTDC	QESCO	19,046	0
84	Khuzdar G/S	220/132 kV T2	NTDC	QESCO	0	49,063,000
85	Kot Lakhpat G/S	MISC AUX Kot Lakhpat G/S	NTDC	LESCO	8,320	0
86	Kot Lakhpat G/S	220/132 kV T1	NTDC	LESCO	0	66,519,000
87	Kot Lakhpat G/S	220/132 kV T2	NTDC	LESCO	0	81,871,000
88	Kot Lakhpat G/S	220/132 kV T3	NTDC	LESCO	0	81,676,000
89	Loralai G/S	MISC AUX Loralai G/S	NTDC	QESCO	10,801	0
90	Loralai G/S	220/132 kV T1	NTDC	QESCO	0	40,527,000
91	Loralai G/S	220/132 kV T2	NTDC	QESCO	0	18,687,000
92	Luddewala G/S	220/132 kV T2	NTDC	FESCO	0	54,515,000
93	Luddewala G/S	MISC AUX Luddewala G/S	NTDC	FESCO	18,700	0
94	Luddewala G/S	220/132 kV T1	NTDC	FESCO	0	55,438,000
95	Luddewala G/S	220/132 kV T3	NTDC	FESCO	0	113,281,000
96	Mardan G/S	220/132 kV T2	NTDC	PESCO	0	90,059,000
97	Mardan G/S	MISC AUX Mardan G/S	NTDC	PESCO	60,000	0
98	Mardan G/S	220/132 kV T1	NTDC	PESCO	0	87,091,000
99	Mardan G/S	220/132 kV T3	NTDC	PESCO	0	89,658,000
100	Multan G/S	220/132 kV T3	NTDC	MEPCO	0	53,496,000
101	Multan G/S	220/132 kV T5	NTDC	MEPCO	0	53,754,000
102	Multan G/S	132/11 kV T6	NTDC	MEPCO	74,000	0
103	Multan G/S	220/132 kV T4	NTDC	MEPCO	0	53,525,000
104	Muzaffar Garh G/S	220/132 kV T1	NTDC	MEPCO	0	45,823,000
105	Muzaffar Garh G/S	132/11 kV Auxilliary	NTDC	MEPCO	16,022	0
106	Muzaffar Garh G/S	220/132 kV T2	NTDC	MEPCO	0	46,049,000
107	NGPS Multan	160 MVA Auto T/F T-1	NTDC	MEPCO	0	31,810,000
108	NGPS Multan	160 MVA Auto T/F T-5	NTDC	MEPCO	5,000	31,322,000
109	NGPS Multan	160 MVA Auto T/F T-3	NTDC	MEPCO	0	0
110	Nishatabad G/S	220/132 kV T2	NTDC	FESCO	65,000	28,856,000
111	Nishatabad G/S	220/132 kV T5	NTDC	FESCO	57,000	25,216,000
112	Nishatabad G/S	220/132 kV T3	NTDC	FESCO	97,000	31,228,000
113	Nishatabad G/S	220/132 kV T1	NTDC	FESCO	58,000	25,180,000
114	Nishatabad New G/S	11 kV Feeder to 220 kV G/S	FESCO	NTDC	163,292	0
115	NKI G/S	220 kV Line 2	NTDC	KESC	0	193,226,000
116	NKI G/S	220 kV Line 1	NTDC	KESC	0	191,493,000



Metering Information System
Billing & Recovery Section, NTDC
Distribution Points (500 & 220kV Stations)
Mar-18

Sr No	Grid Station	Metering Point Description (Line/TF)	From	To	Energy kWh	
					Received	Delivered
117	Nokhar G/S	220/132 kV T4	NTDC	GEPCO	0	45,711,000
118	Nokhar G/S	220/132 kV T6	NTDC	GEPCO	0	55,089,000
119	Nokhar G/S	MISC AUX Nokhar G/S	NTDC	GEPCO	74,833	0
120	Nokhar G/S	220/132 kV T5	NTDC	GEPCO	0	46,050,000
121	Okara G/S	220/132 kV T1	NTDC	LESCO	90,000	43,785,000
122	Okara G/S	MISC AUX Okara G/S	NTDC	LESCO	32,555	0
123	Okara G/S	220/132 kV T2	NTDC	LESCO	89,000	43,270,000
124	Quetta Industrial G/S	MISC AUX Quetta Industrial G/S	NTDC	QESCO	27,200	0
125	Quetta Industrial G/S	220/132 kV T3	NTDC	QESCO	0	24,340,000
126	Quetta Industrial G/S	220/132 kV T2	NTDC	QESCO	0	41,550,000
127	Quetta Industrial G/S	220/132 kV T1	NTDC	QESCO	10,000	40,790,000
128	Rahim Yar Khan G/S	T-5	NTDC	MEPCO	0	18,862,000
129	Rahim Yar Khan G/S	T-6	NTDC	MEPCO	0	21,459,000
130	Rahim Yar Khan G/S	T-7 Aux	NTDC	MEPCO	53,798	0
131	Ravi G/S	220/132 kV T2	NTDC	LESCO	0	69,119,000
132	Ravi G/S	MISC AUX Ravi G/S	NTDC	LESCO	3,510	0
133	Ravi G/S	220/132 kV T1	NTDC	LESCO	0	40,792,000
134	Ravi G/S	220/132 kV T3	NTDC	LESCO	0	68,423,000
135	RAWAT G/S	220/132 kV T6	NTDC	IESCO	0	64,474,000
136	RAWAT G/S	220/132 kV T4	NTDC	IESCO	0	64,577,000
137	RAWAT G/S	MISC AUX RAWAT G/S	NTDC	IESCO	121,045	0
138	RAWAT G/S	220/132 kV T5	NTDC	IESCO	0	64,143,000
139	Rohri G/S	T1	NTDC	SEPCO	0	36,842,000
140	Rohri G/S	AUX T-3 Rohri G/S	NTDC	SEPCO	20,125	0
141	Rohri G/S	T2	NTDC	SEPCO	0	38,308,000
142	Sarfaraz Nagar G/S	220/132 kV T2	NTDC	LESCO	408,000	24,812,000
143	Sarfaraz Nagar G/S	220/132 kV T6	NTDC	LESCO	448,000	24,834,000
144	Sarfaraz Nagar G/S	220/132 kV T1	NTDC	LESCO	405,000	24,314,000
145	Sarfaraz Nagar G/S	220/132 kV T3	NTDC	LESCO	450,000	25,086,000
146	Sarfaraz Nagar G/S	MISC AUX Sarfaraz Nagar G/S	NTDC	LESCO	44,365	0
147	Shahi Bagh G/S	220/132 kV T1	NTDC	PESCO	0	25,620,000
148	Shahi Bagh G/S	220/132 kV T3	NTDC	PESCO	0	25,551,000
149	Shahi Bagh G/S	MISC AUX Shahi Bagh G/S	NTDC	PESCO	33,141	0
150	Shahi Bagh G/S	220/132 kV T2	NTDC	PESCO	0	25,598,000
151	Shahi Bagh G/S	220/132 kV T4	NTDC	PESCO	0	25,759,000
152	Shalamar G/S	T1	NTDC	LESCO	0	31,734,000
153	Shalamar G/S	T3	NTDC	LESCO	0	31,768,000
154	Shalamar G/S	T2	NTDC	LESCO	0	31,468,000
155	Shalamar G/S	MISC AUX Shalamar G/S	NTDC	LESCO	28,900	0
156	Sheikh Muhammadi G/S	220/132 kV T8	NTDC	PESCO	0	48,140,000
157	Sheikh Muhammadi G/S	MISC AUX Sheikh Muhammadi G/S	NTDC	PESCO	8,652	0
158	Sheikh Muhammadi G/S	220/132 kV T4	NTDC	PESCO	0	35,015,000
159	Sheikh Muhammadi G/S	220/132 kV T3	NTDC	PESCO	0	43,981,332
160	Sheikh Muhammadi G/S	220/132 kV T5	NTDC	PESCO	0	36,532,000
161	Sheikhupura G/S	220/132 kV T6	NTDC	LESCO	3,725,000	8,009,000
162	Sheikhupura G/S	220/132 kV T5	NTDC	LESCO	3,179,000	6,910,000
163	Sheikhupura G/S	220/132 kV T7	NTDC	LESCO	4,044,000	8,662,000
164	Sheikhupura G/S	220/132 kV T8	NTDC	LESCO	3,288,000	7,170,000
165	Shikarpur G/S	MISC AUX Shikarpur G/S	NTDC	SEPCO	29,600	0
166	Shikarpur G/S	220/132 kV T2	NTDC	SEPCO	0	43,290,000
167	Shikarpur G/S	220/132 kV T3	NTDC	SEPCO	0	43,289,000
168	Shikarpur G/S	220/132 kV T1	NTDC	SEPCO	2,000	31,060,000
169	Sialkot G/S	220/132 kV T2	NTDC	GEPCO	4,964,000	2,854,000
170	Sialkot G/S	MISC AUX Sialkot G/S	NTDC	GEPCO	29,400	0
171	Sialkot G/S	220/132 kV T1	NTDC	GEPCO	4,953,000	2,872,000
172	Sialkot G/S	220/132 kV T3	NTDC	GEPCO	4,960,000	2,869,000
173	Sibbi G/S	MISC AUX Sibbi G/S	NTDC	QESCO	29,225	0
174	Sibbi G/S	220/132 kV T2	NTDC	QESCO	0	39,085,000



Metering Information System
Billing & Recovery Section, NTDC
Distribution Points (500 & 220kV Stations)
Mar-18

Sr No	Grid Station	Metering Point Description (Line/TF)	From	To	Energy kWh	
					Received	Delivered
175	Sibbi G/S	220/132 kV T1	NTDC	QESCO	0	31,567,000
176	Summandri Road Faisalabad G/S	220/132 kV T1	NTDC	FESCO	0	7,714,000
177	Summandri Road Faisalabad G/S	220/132 kV T3	NTDC	FESCO	3,000	42,798,000
178	Summandri Road Faisalabad G/S	220/132 kV T2	NTDC	FESCO	2,000	41,694,000
179	Summandri Road Faisalabad G/S	MISC AUX Summandri Road Faisalabad G/S	NTDC	FESCO	20,000	0
180	TMK Hyderabad G/S	220/132 kV T1	NTDC	HESCO	1,428,000	20,401,000
181	TMK Hyderabad G/S	220/132 kV T2	NTDC	HESCO	1,439,000	20,653,000
182	TMK Hyderabad G/S	MISC AUX TMK Hyderabad G/S	NTDC	HESCO	19,000	0
183	Toba Tek Singh	T3	NTDC	FESCO	0	36,752,000
184	Toba Tek Singh	MISC AUX Toba Tek Singh	NTDC	FESCO	25,197	0
185	Toba Tek Singh	T1	NTDC	FESCO	0	85,480,000
186	Toba Tek Singh	T2	NTDC	FESCO	0	36,880,000
187	Vehari G/S	220/132 kV T1	NTDC	MEPCO	0	43,081,000
188	Vehari G/S	220/132 kV T3	NTDC	MEPCO	0	47,252,000
189	Vehari G/S	220/132 kV T2	NTDC	MEPCO	0	42,925,000
190	Vehari G/S	11 kV Auxillary Supply	NTDC	MEPCO	19,370	0
191	Wapda Town G/S	220/132 kV T3	NTDC	LESCO	0	31,443,000
192	Wapda Town G/S	220/132 kV T1	NTDC	LESCO	0	31,393,000
193	Wapda Town G/S	220/132 kV T2	NTDC	LESCO	0	31,201,000
194	Wapda Town G/S	MISC AUX Wapda Town G/S	NTDC	LESCO	3,450	0
195	Yousafwala G/S	220/132 kV T4	NTDC	MEPCO	21,424,000	2,131,000
196	Yousafwala G/S	220/132 kV T6	NTDC	MEPCO	0	34,627,000
197	Yousafwala G/S	132/11 kV T7	NTDC	MEPCO	73,316	0
198	Yousafwala G/S	220/132 kV T3	NTDC	MEPCO	21,308,000	2,143,000
199	Yousafwala G/S	220/132 kV T5	NTDC	MEPCO	0	34,930,000
Total					174,294,815	5,861,649,332



HEARING REGARDING FUEL CHARGES ADJUSTMENT FOR THE MONTH OF MARCH 2018 FOR EX-WAPDA DISTRIBUTION COMPANIES

Pursuant to Section 31(4) of the NEPRA Act (XL of 1997) and the mechanism for monthly fuel price adjustment prescribed by the Authority in the tariff determinations of Ex-WAPDA Distribution Companies, the Authority has to review and revise the approved tariff on account of any variations in the fuel charges on monthly basis. Based on the information provided by the Central Power Purchasing Agency Guarantee Limited (CPPA-G), the actual fuel charges for the Ex-WAPDA Distribution Companies for the month of **March 2018** are given hereunder:-

March-2018				
Generation Source	Gwh	%	M Ins. Rs.	Rs./kWh
Hydel	872.44	9.98%	-	-
Coal	1,263.58	14.46%	8,679.89	6.8835
HSD	-	0.00%	-	-
RFO	1,410.35	16.14%	15,274.52	10.8303
Gas	1,860.06	21.28%	8,843.44	4.7544
RLNG	2,126.10	24.32%	18,824.07	8.8538
Nuclear	786.18	8.99%	820.12	1.0432
Import Iran	42.17	0.48%	466.17	11.0557
Mixed	68.81	0.79%	468.19	6.8045
Wind	149.25	1.71%	-	-
Baggasse	91.09	1.04%	562.19	6.1719
Solar	70.88	0.81%	-	-
Energy Generated	8,740.90	100.0%	53,956.60	6.1729
Previous Adjustment/ Supplemental Charges	-	-	6,291.63	0.7198
Sale to IPPs	(12.74)	-0.15%	(233.10)	(18.3007)
Transmission Losses	(259.33)	-2.97%	-	0.2206
Net Delivered to DISCOs	8,468.84	96.89%	60,015.13	7.0866

On the basis of above data, an increase of Rs.0.4437/kWh over the reference fuel charges i.e. Rs.6.6429/ kWh, as per Annex-IV to the decision of the Authority for Ex-Wapda DISCOs for FY 2015-16, has been proposed by CPPA-G for the month of **March 2018**. In this regard, a hearing to consider the proposed adjustment is scheduled as under:

Date	April 24, 2018 (Tuesday)
Time	11:00 a.m.
Venue	NEPRA Tower, Attaturk Avenue (East), G-5/1, Islamabad

All the interested/affected parties are invited to raise written/oral objections as permissible under the law at the public hearing. Copies of the Act, Rules and the determinations of the Authority are available at NEPRA website: www.nepra.org.pk

Registrar NEPRA

NEPRA Tower, Attaturk Avenue (East), G-5/1, Islamabad

Phone: 051-9206500 Fax: 051-2600021

Email: registrar@nepra.org.pk

سماعت بابت ایکس واپڈا ڈسٹری بیوشن کمپنیز کے لئے مارچ 2018 کے لئے فیول چارجز کی ایڈجسٹمنٹ

نیپرا ایکٹ (XL of 1997) کی شق (4) اور ایکس واپڈا ڈسٹری بیوشن کمپنیز کے لئے ٹیرف تعین کے لئے اتھارٹی کی طرف سے ماہانہ فیول پرائس ایڈجسٹمنٹ کے لئے مقررہ میکینزم کے تحت اتھارٹی فیول چارجز میں ردوبدل کی وجہ سے منظور شدہ ٹیرف میں ماہانہ بنیاد پر نظر ثانی اور تبدیلی کرتی ہے۔ سنٹرل پاور پراجیکٹ ایجنسی گارنٹی لیونڈ (CPPA-C) کی فراہم کردہ معلومات کی بنیاد پر ایکس واپڈا ڈسٹری بیوشن کمپنیز کے لئے مارچ 2018 میں اصل فیول چارجز درج ذیل ہیں۔

March-2018				
Generation Source	Gwh	%	M Ins. Rs.	Rs./kWh
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Net Devlivered to DISCOs	8,468.84	96.89%	60,015.13	7.0866

درج بالا اعداد و شمار کی بنیاد پر مالی سال 2015-16 ایکس واپڈا ڈسٹری بیوشن کمپنیز کے فیول ضمیمہ IV کے مطابق ریٹرنس فیول چارجز 6.6429/kWh میں 0.4437/kWh روپے کا اضافہ کیا ہے۔ اس کو CPPA-G نے مارچ 2018 کے لئے تجویز کیا ہے۔ مجوزہ ایڈجسٹمنٹ پر غور کے لئے درج ذیل شیڈول کے مطابق عمومی سماعت ہوگی۔

تاریخ:	24 اپریل 2018 (بروز منگل)
وقت:	دن 11:00 بجے
بمقام:	نیپرا ٹاور، اتاترک ایونیو (ایسٹ)، G-5/1، اسلام آباد

تمام غور شدہ متاثرہ پارٹیوں کو سماعت میں قانونی اجازت کے تحت تحریری/زبانی اعتراضات اٹھانے کی دعوت دی جاتی ہے۔ ایکٹ، رولز اور اتھارٹی کے فیصلوں کی نقول نیپرا ویب سائٹ www.nepra.org.pk پر دستیاب ہیں۔

رجسٹرار، نیپرا

نیپرا ٹاور، اتاترک ایونیو (ایسٹ)، G-5/1، اسلام آباد
فون نمبر: 051-9206500، فیکس نمبر: 051-2600021

ای میل: registrar@nepra.org.pk