



CENTRAL POWER PURCHASING AGENCY GUARANTEE LIMITED

(A Company of Government of Pakistan)

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www.cppa.gov.pk

No. CPPA-G/2021/CFO/ 16775 -77

Dated: June 15, 2021

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

SUBJECT: XWDISCO'S - ENERGY PURCHASE DATA FOR THE MONTH OF MAY 2021

With reference to FCA mechanism provided in XWDISCO's tariff determination, attached please find the Energy Data for the month of May 2021. It is mentioned that soft copy of the FCA Claim along with the EPP invoices is being sent to NEPRA for its consideration.



Chief Financial Officer

CC:

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

CERTIFICATE

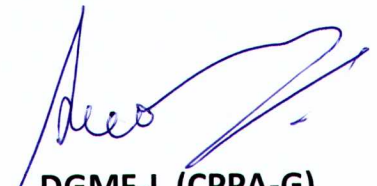
FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

REGARDING 2002 POWER POLICY FOR THE MONTH OF MAY 2021

This is to certify that:-

- 1) All purchases have been made from Generation Companies having valid generation License issued by NEPRA.
- 2) Invoices of all Electricity Purchases have been processed in accordance with the rates, terms & conditions as determined by NEPRA. Payments related to periodical adjustments are also made as per decision of NEPRA.
- 3) The above statement is true, based on facts and from verifiable documentary evidences. In case of any deviation / variation observed if not rectified at later stage, CPPA-G will be responsible for the consequences arising out of any misstatement under NEPRA Act and its Rules & Regulations.


DGM (Technical)
(Renewable)


DGMF-I (CPPA-G)

CERTIFICATE

FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

REGARDING 1994 POWER POLICY (HUBCO & KAPCO INCLUSIVE)

FOR THE MONTH OF MAY 2021

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 Purchases 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 purchases have been made in accordance with the Power Purchase Agreement.

The above statement is true, based on facts and from verifiable documentary evidences. In case of any deviation / variation observed if not rectified at later stage, CPPA-G will be responsible for the consequences arising out of any misstatement under NEPRA Act and its Rules & Regulations.

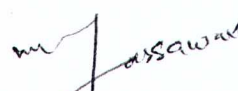

DGM (Technical)
(Conventional)

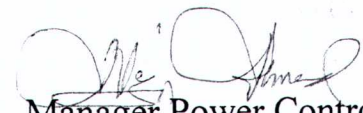

DGMF-II (CPPA-G)

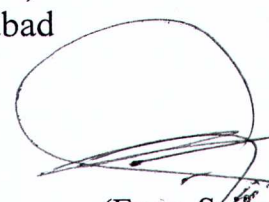
CERTIFICATE

Subject: MONTHLY FUEL CHARGES ADJUSTMENT OF DISCOS FOR THE MONTH OF MAY-2021.

- I. It is certified that Merit order was followed as defined under section 2 (I) (x) of the NEPRA Licensing (Generation) Rules 2000, while operating power plants in its fleet during month of MAY-2021.
- II. Claimed Partial Loading Adjustment charges (PLAC) was not due to fuel constraint but was strictly in accordance with the provision of their respective Power Purchase Agreement and the plants were operated on partial load due to less demand in the system and transmission/distribution network constraints.


Deputy Manager (PC-I)
NPCC, NTDC, Islamabad


Manager Power Control
NPCC, NTDC, Islamabad


(Engr. Sajjad Akhtar)
Chief Engineer (Network Operation)
NPCC, NTDC, Islamabad.

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of May 2021

S.No.	Power Producers	Fuel	Dep. Capacity (MW)	Energy KWh	Fuel Charges Rs.	VO&M Charges Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in VO&M (Rs.)	Prev. Adjustment in EPP Total Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VO&M Rs.	Total Energy Cost (Rs.)
				A	B	C	D= B+C	E	F	G=E+F	H	I= B+E+H	J=C+F	K=I+J
1	Hydel													
	i. WAPDA	Hydel	6,902	2,478,280,257		219,971,699	219,971,699	-	152,751,463	152,751,463	-	-	372,723,162	372,723,162
	ii. Jagran	Hydel	30	17,867,909		46,277,884	46,277,884	-	108,312	108,312	-	-	46,386,196	46,386,196
	iii. Pehure	Hydel	18	-		-	-	-	(13,937,011)	(13,937,011)	-	-	(13,937,011)	(13,937,011)
	iv. Malakand-III SHYDO	Hydel	81	48,539,100		15,372,333	15,372,333	-	-	-	-	-	15,372,333	15,372,333
	v. Larab	Hydel	84	54,542,370		16,897,226	16,897,226	-	21,646,428	21,646,428	-	-	38,543,654	38,543,654
	vi. Star Hydro	Hydel	147	104,480,900		18,284,158	18,284,158	-	5,266,538	5,266,538	-	-	23,550,696	23,550,696
	vii. Head Maralla	Hydel	8	3,925,704		-	-	-	-	-	-	-	-	-
	viii. Neelum Jhelum	Hydel	969	707,032,800		-	-	-	-	-	-	-	-	-
	ix. Tarbela Ext. 4	Hydel	1,478	-		-	-	-	-	-	-	-	-	-
	x. Mira Power Limited	Hydel	101	30,044,500		5,831,637	5,831,637	-	-	-	-	-	5,831,637	5,831,637
	xi. Daral Khwar	Hydel	37	12,284,610		-	-	-	-	-	-	-	-	-
	xii. Ranolia	Hydel	17	8,459,120		-	-	-	-	-	-	-	-	-
	Hydel Total:		9,872	3,465,457,270	-	322,634,937	322,634,937	-	165,835,730	165,835,730	-	-	488,470,667	488,470,667
2	Ex-WAPDA GENCOs													
	GENCO-I ***													
	Jamshoro Block 1	RFO	205	-	-	-	-	-	-	-	-	-	-	-
	Unit 1	Gas	470	-	-	-	-	-	-	-	-	-	-	-
	Jamshoro Block 2													
	Unit-2	RFO		-	-	-	-	-	-	-	-	-	-	-
		Gas		-	-	-	-	-	-	-	-	-	-	-
		RLNG		-	-	-	-	-	-	-	-	-	-	-
	Unit-3	RFO		-	-	-	-	-	-	-	-	-	-	-
		Gas		-	-	-	-	-	-	-	-	-	-	-
		RLNG		-	-	-	-	-	-	-	-	-	-	-
	Unit-4	Gas		-	-	-	-	-	-	-	-	-	-	-
		RLNG		-	-	-	-	-	-	-	-	-	-	-
	Unit-4	RFO		-	-	-	-	-	-	-	-	-	-	-
	Kotri 3-7	Gas	107	-	-	-	-	-	-	-	-	-	-	-
	Jamshoro Block 4	Gas		20,944,000	409,787,354	1,937,320	411,724,674	-	-	-	-	409,787,354	1,937,320	411,724,674
	Jamshoro Total		782	20,944,000	409,787,354	1,937,320	411,724,674	-	-	-	-	409,787,354	1,937,320	411,724,674
	GENCO-II ***													
	Guddu CC Block 1 (OC)	Gas	390	-	-	-	-	-	-	-	-	-	-	-
	Central Block 2 (CC)	Gas		195,551,900	1,588,859,188	13,473,526	1,602,332,714	-	-	-	-	1,588,859,188	13,473,526	1,602,332,714
	Guddu (OC) Block-2	Gas	530	-	-	-	-	-	-	-	-	-	-	-
	Block 3 (unit 3&4)	Gas		-	-	-	-	-	-	-	-	-	-	-
	Guddu 747 (CC)	Gas	721	234,014,000	1,391,236,631	120,353,400	1,511,590,031	-	-	-	-	1,391,236,631	120,353,400	1,511,590,031
	Central Total		1,641	429,565,900	2,980,095,819	133,826,926	3,113,922,745	-	-	-	-	2,980,095,819	133,826,926	3,113,922,745
	GENCO-III ***													
	Northern Block 1													
	Unit 1	RFO	556	16,605,168	341,648,011	2,922,510	344,570,521	-	-	-	-	341,648,011	2,922,510	344,570,521
	Unit 2	RFO		14,004,273	292,038,107	2,464,752	294,502,859	-	-	-	-	292,038,107	2,464,752	294,502,859
	Unit 3	RFO		17,113,928	344,544,444	3,012,051	347,556,495	-	-	-	-	344,544,444	3,012,051	347,556,495
	Unit 1	Gas		(395,924)	(4,134,041)	-	(4,134,041)	-	-	-	-	(4,134,041)	-	(4,134,041)
	Unit 2	Gas		(307,600)	(3,254,132)	-	(3,254,132)	-	-	-	-	(3,254,132)	-	(3,254,132)
	Unit 3	Gas		(205,377)	(2,099,692)	-	(2,099,692)	-	-	-	-	(2,099,692)	-	(2,099,692)
	Unit 1	RLNG		-	-	-	-	-	-	-	-	-	-	-
	Unit 2	RLNG		-	-	-	-	-	-	-	-	-	-	-
	Unit 3	RLNG		-	-	-	-	-	-	-	-	-	-	-
	Unit 3	RLNG		-	-	-	-	-	-	-	-	-	-	-
	Northern Block 2													
	Block-2 Unit 4	RFO	272	-	-	-	-	-	-	-	-	-	-	-
	Block-2 Unit 4	GAS		(91,080)	(929,854)	-	(929,854)	-	-	-	-	(929,854)	-	(929,854)
	Block-2 Unit 4	RLNG		-	-	-	-	-	-	-	-	-	-	-
	Northern Block 3													
	Block-3 Unit 5	RFO	355	-	-	-	-	-	-	-	-	-	-	-
	Block-3 Unit 5	Gas		(143,611)	(1,558,238)	-	(1,558,238)	-	-	-	-	(1,558,238)	-	(1,558,238)
	Block-3 Unit 5	RLNG		-	-	-	-	-	-	-	-	-	-	-
	Block-3 Unit 6	RFO		-	-	-	-	-	-	-	-	-	-	-
	Block-3 Unit 6	Gas		(143,611)	(1,599,452)	-	(1,599,452)	-	-	-	-	(1,599,452)	-	(1,599,452)
	Block-3 Unit 6	RLNG		-	-	-	-	-	-	-	-	-	-	-
	Northern Block 4	RLNG	117	-	-	-	-	-	-	-	-	-	-	-
	Northern Block 5	RFO	97	-	-	-	-	-	-	-	-	-	-	-
	Northern Block 5	Gas		-	-	-	-	-	-	-	-	-	-	-
	Northern Block 6	Gas	75	-	-	-	-	-	-	-	-	-	-	-
	Nandipur	RLNG	411	185,492,000	2,122,817,221	107,826,500	2,230,643,721	-	-	-	-	2,122,817,221	107,826,500	2,230,643,721
	Northern Total:		1,884	231,928,166	3,087,472,374	116,225,813	3,203,698,187	-	-	-	-	3,087,472,374	116,225,813	3,203,698,187
	GENCO-IV LAKHRA													
		Coal	31	-	-	-	-	-	-	-	-	-	-	-
	Sub-Total:		31	-	-	-	-	-	-	-	-	-	-	-
	GENCOs Total:-		4,337	682,438,066	6,477,355,547	251,990,059	6,729,345,606	-	-	-	-	6,477,355,547	251,990,059	6,729,345,606
3	IPPs													
	1. Kot Addu Block 1	RFO	325	71,405,594	846,513,236	55,435,472	901,948,708	-	-	-	-	846,513,236	55,435,472	901,948,708
		RLNG		158,403,071	1,859,923,412	70,894,826	1,930,818,238	-	-	-	-	1,859,923,412	70,894,826	1,930,818,238
		HSD		-	-	-	-	-	-	-	-	-	-	-
	Kot Addu Block 2													
		RFO	762	78,818,432	1,028,033,843	86,133,375	1,114,167,218	-	-	-	-	1,028,033,843	86,133,375	1,114,167,218
		RLNG		106,246,675	1,370,838,222	55,621,574	1,426,459,796	(655,691)	(509,088)	(1,164,779)	-	1,370,182,531	55,112,486	1,425,295,017
		HSD		-	-	-	-	-	-	-	-	-	-	-
	Kot Addu Block 3	RLNG	249	35,352,626	475,426,406	35,673,988	511,100,394	-	-	-	-	475,426,406	35,673,988	511,100,394

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of May 2021

For the Month of May 2021																
S.No.	Power Producers		Fuel	Dep. Capacity (MW)	Energy KWh	Fuel Charges Rs.	VO&M Charges Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in VO&M (Rs.)	Prev. Adjustment in EPP Total Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VO&M Rs.	Total Energy Cost (Rs.)	
		KAPCO Total	HSD	1,336	450,226,398	5,580,735,119	303,759,235	5,884,494,354	(655,691)	(509,088)	(1,164,779)	-	5,580,079,428	303,250,147	5,883,329,575	
	2	Hub Power	RFO	1,200	9,431,800	165,649,303	2,585,128	168,234,431	(40,213,398)	(512,371)	(40,725,769)	-	125,435,905	2,072,757	127,508,662	
	3	Kohinoor Energy	RFO	124	28,833,000	413,425,164	28,990,796	442,415,960	-	(71,759)	(71,759)	-	413,425,164	28,919,037	442,344,201	
	4	AES Lalpur	RFO	350	18,120,000	1,670,021,926	28,296,827	1,698,318,753	140,066	(2,563)	137,503	-	1,670,161,992	28,294,264	1,698,456,256	
	5	Pak Gen Power Limited	RFO	349	76,210,400	1,316,267,238	21,978,317	1,338,245,555	(190,618)	(11,050)	(201,668)	-	1,316,076,620	21,967,267	1,338,043,887	
	6	Southern Power	RFO	110	-	-	-	-	-	-	-	-	-	-	-	-
	7	Habibullah	Gas	129	-	-	-	-	-	-	-	-	-	-	-	-
	8	Fajil Kahirwala	Gas	151	60,860,090	784,269,719	77,015,333	861,285,052	-	(2,259)	(2,259)	-	784,269,719	77,013,074	861,282,793	
	9	Rousch	RLNG	395	97,024,813	1,207,582,753	45,664,107	1,253,246,860	(16,114,736)	(91,515)	(16,206,251)	-	1,191,468,017	45,572,592	1,237,040,609	
	10	Saba Power	RFO	126	29,029,005	390,895,873	8,363,256	399,259,129	(13,210,043)	(287)	(13,210,330)	-	377,685,830	8,362,969	386,048,799	
	11	Japan Power	RFO	107	-	-	-	-	-	-	-	-	-	-	-	-
	12	Uch	Gas	551	373,116,260	3,053,397,481	149,955,425	3,203,352,906	675,542,735	(545,049)	674,997,686	-	3,728,940,216	149,410,376	3,878,350,592	
	13	Altam	Gas	27	-	-	-	-	(816,207)	(7,649)	(823,856)	-	(816,207)	(7,649)	(823,856)	
	14	Liberty	Gas	212	128,930,300	967,979,012	71,901,277	1,039,880,289	(99,486,193)	(320,381)	(99,806,574)	-	868,492,819	71,580,896	940,073,715	
	15	Davis Energen	RLNG	10	-	-	-	-	-	-	-	-	-	-	-	-
	16	Chashma Nuclear	Nucl.	300	112,500	109,384	-	109,384	(690,772,026)	-	(690,772,026)	-	(690,662,642)	-	(690,662,642)	-
	17	Chashma Nuclear-II	Nucl.	315	160,465,000	181,164,985	-	181,164,985	-	-	-	-	181,164,985	-	181,164,985	-
	18	Chashma Nuclear-III	Nucl.	340	232,242,000	220,467,331	-	220,467,331	-	-	-	-	220,467,331	-	220,467,331	-
	19	Chashma Nuclear-IV	Nucl.	340	232,749,000	277,553,182	-	277,553,182	(80,705,548)	-	(80,705,548)	-	196,847,634	-	196,847,634	-
	20	Kanupp - PAEC (K-2/K-3 Project)	Nucl.	340	645,778,000	768,475,820	-	768,475,820	-	-	-	-	768,475,820	-	768,475,820	-
	21	Tavanir Iran	Import	96	47,388,400	527,316,852	-	527,316,852	59,403,963	-	59,403,963	-	586,720,815	-	586,720,815	-
	Sub-Total:		6,908	2,670,516,966	17,525,311,142	738,509,701	18,263,820,843	(207,077,696)	(2,073,971)	(209,151,667)	-	17,318,233,446	736,435,730	18,054,669,176	-	
	1	Attock-Gen	RFO	156	25,447,234	365,237,152	36,348,829	401,585,981	-	-	-	-	365,237,152	36,348,829	401,585,981	-
	2	Atlas Power	RFO	214	61,554,300	769,234,026	86,668,454	855,902,480	5,702,675	(698,264)	5,004,410	-	859,970,190	86,751,223	865,442,615	-
	3	Nishat Power	RFO	195	48,829,630	610,607,807	68,752,119	679,359,926	6,083,585	(896)	6,082,689	-	616,691,392	68,751,223	685,442,615	-
	4	Foundation Power	Gas	171	110,859,688	785,454,525	64,209,931	849,664,456	(1,275,965)	(26,987)	(1,302,952)	-	784,178,560	64,182,944	848,361,504	-
	5	Orient	RLNG	213	83,821,566	940,176,387	28,851,389	969,027,776	(1,445,250)	(1,925)	(1,447,175)	-	938,731,137	28,849,464	967,580,601	-
	6	Nishat Chunian	HSD	213	14,518,575	318,003,585	8,194,282	326,197,867	-	-	-	-	318,003,585	8,194,282	326,197,867	-
	7	Saif Power	RFO	196	54,077,543	665,467,429	75,957,317	741,424,746	52,049,416	(0)	52,049,416	-	717,516,845	75,957,317	793,474,162	-
	8	Engro Energy	RLNG	204	88,701,484	1,008,385,358	51,943,589	1,060,328,947	16,606,962	-	16,606,962	-	1,024,992,320	51,943,589	1,076,935,909	-
	9	Sapphire Power	HSD	213	5,800,618	122,710,710	4,903,262	127,613,972	-	-	-	-	122,710,710	4,903,262	127,613,972	-
	10	Hubco Narowal	Gas	203	73,485,391	617,706,171	37,595,126	655,301,297	(3,896,707)	-	(3,896,707)	-	613,809,464	37,595,126	651,404,590	-
	11	Liberty Power	RLNG	199	97,399,050	938,213,234	48,247,600	986,460,834	(813,524)	-	(813,524)	-	937,399,710	48,247,600	985,647,310	-
	12	Halmore	HSD	203	64,815,508	767,423,277	11,773,025	779,196,302	-	-	-	-	773,736,979	11,773,025	785,509,404	-
	13	Uch-II	RFO	214	77,194,045	1,074,795,847	119,843,755	1,194,639,602	6,313,702	(0)	6,313,702	-	1,194,639,602	119,843,755	1,314,483,357	-
	14	JDW-II	RLNG	196	68,153,661	766,249,733	40,094,799	806,344,532	3,558,302	-	3,558,302	-	1,078,354,149	37,595,126	1,115,949,275	-
	15	JDW-III	HSD	199	-	-	-	-	4,620,543	-	4,620,543	-	770,870,276	40,094,799	810,965,075	-
	16	RYK	Gas	199	257,916,869	1,832,793,896	86,608,485	1,919,402,381	-	-	-	-	1,832,765,179	86,608,485	1,919,373,664	-
	17	Chiniot Power	Bagasse	26	17,928,400	107,251,274	13,161,238	120,412,512	(28,717)	-	(28,717)	-	1,832,765,179	86,608,485	1,919,373,664	-
	18	Hamza Sugar Mills	Bagasse	26	17,476,850	104,550,012	12,829,756	117,379,768	122,436,492	14,132,546	136,569,038	-	229,687,766	27,293,784	256,981,550	-
	19	Almoiz Industries Limited	Bagasse	24	317,500	1,899,349	233,077	2,132,426	70,172,522	9,250,005	79,422,527	-	174,722,534	22,079,761	196,802,295	-
	20	Chanaar Energy Limited	Bagasse	62	9,729,850	58,205,909	7,142,543	65,348,452	-	169,214	169,214	-	402,291	5,902,105	6,301,640	-
	21	China Hub Power (Pvt) Ltd	Bagasse	15	-	-	-	-	-	(1,240,438)	(1,240,438)	-	58,205,909	5,902,105	64,108,014	-
	22	Engro PowerGen Thar TPS	Bagasse	36	-	-	-	-	414,804,727	4,812,970	419,617,697	-	414,804,727	4,812,970	419,617,697	-
	23	Layyah Sugar Mills	Bagasse	22	888,658,100	5,710,321,696	446,550,696	6,156,872,392	(355,888)	12,929,792	12,573,904	-	12,573,904	10,164,220	12,573,904	-
	24	QATPL	Coal	1,220	441,718,000	3,673,118,742	473,124,150	4,146,242,892	1,399,712	8,764,508	10,164,220	-	5,133,185,716	553,370,783	5,686,556,498	-
	25	Haveli Bahadur Shah	Coal	660	-	-	-	-	(577,135,980)	106,820,087	(470,315,894)	-	3,927,984,529	329,496,416	4,257,480,945	-
	26	Gul Ahmad Wind Power	Bagasse	41	-	-	-	-	254,865,786	(143,627,734)	111,238,052	-	11,574,906	(1,985,037)	9,589,868	-
	27	Reshman	Bagasse	22	711,505,000	6,742,385,782	365,855,871	7,108,241,653	11,574,906	(1,985,037)	9,589,868	-	6,674,233,582	365,855,871	7,040,089,453	-
	28	Baloki	RLNG	1,180	-	-	-	-	(68,152,200)	-	(68,152,200)	-	-	-	-	-
	29	Port Qasim	HSD	1,230	791,949,900	7,218,984,071	249,147,438	7,468,131,509	-	-	-	-	-	-	-	-
	30	Huaneng Shandong Ruyi Energy (Pvt) Ltd	HSD	1,320	-	-	-	-	(86,056,757)	(135,279,121)	(221,335,878)	-	-	-	-	-
	31	Gulf Power Gen	Coal	62	729,033,100	7,070,746,323	132,976,002	7,203,722,325	-	-	-	-	-	7,070,746,323	132,976,002	7,203,722,325
32	Master Wind Power	RFO	97	-	-	-	-	-	-	-	-	-	-	-	-	
33	Tenaga Generasi	RLNG	1,320	404,501,900	3,764,439,006	127,134,947	3,891,573,953	(46,083,405)	(75,161,257)	(121,244,662)	-	-	3,718,355,601	51,973,690	3,770,329,291	-
34	Appollo Solar Park	HSD	-	-	-	-	-	-	-	-	-	-	-	-	-	
35	Quid-e-Azam Solar Park	Coal	1,320	559,560,800	4,052,508,188	103,630,660	4,156,138,848	-	-	-	-	-	4,052,080,134	103,620,591	4,155,700,725	-
36	IPP,s Total:-	Sub-Total:	11,536	5,704,956,562	50,086,869,489	2,808,885,976	52,895,755,464	(428,054)	(10,069)	(438,123)	-	-	50,271,386,371	2,607,733,368	52,879,119,739	-
	IPP,s Total:-		18,444	6,375,473,528	67,612,180,631	3,547,395,677	71,159,576,307	(22,560,814)	(203,226,578)	(225,787,392)	-	-	67,589,619,817	3,344,169,098	70,933,788,915	-
4	Others															
	1	TPS-Quetta	Gas	25	-	-	-	-	-	-	-	-	-	-	-	-
	2	Zorlu	Wind	56	15,309,254	-	-	-	-	-	-	-	-	-	-	-
	3	FFCEL	Wind	50	12,908,130	-	-	-	-	-	-	-	-	-	-	-
	4	TGF	Wind	50	13,770,800	-	-	-	-	-	-	-	-	-	-	-
	5	Foundation	Wind	99	13,752,280	-	-	-	-	-	-	-	-	-	-	-
	6	Saphire Wind Power	Wind	50	14,633,720	-	-	-	-	-	-	-	-	-	-	-
	7	Younus Energy Ltd.,	Wind	50	14,561,910	-	-	-	-	-	-	-	-	-	-	-
	8	Metro Wind Power	Wind	50	14,880,170	-	-	-	-	-	-	-	-	-	-	-
	9	Gul Ahmad Wind Power	Wind	50	14,667,820	-	-	-	-	-	-	-	-	-	-	-
	10	Master Wind Power	Wind	50	16,267,352	-	-	-	-	-	-	-	-	-	-	-
	11	Tenaga Generasi	Wind	50	14,401,800	-	-	-	-	-	-	-	-	-	-	-
	12	Tapal Wind	Wind	31	11,168,680	-	-	-	-	-	-	-	-	-	-	-
	13	Hydrochina Dawood Power (Private) Limited	Wind	50	14,125,330	-	-	-	-	-	-	-	-	-	-	-
	14	SEDL Wind	Wind	50	14,576,185	-	-	-	-	-	-	-	-	-	-	-
	15	UEPL Wind	Wind	99	29,510,764	-	-	-	-	-	-	-	-	-	-	-
	16	Quid-e-Azam Solar Park	Solar	52	14,979,420	-	-	-	-	-	-	-	-	-	-	-
	17	Appollo Solar Park	Solar	100	15,372,600	-	-	-	-	-	-	-	-	-	-	-

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of May 2021

S.No.	Power Producers		Fuel	Dep. Capacity (MW)	Energy KWh	Fuel Charges Rs.	VO&M Charges Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in VO&M (Rs.)	Prev. Adjustment in EPP Total Rs.	Supp. Charges	Total Fuel Cost Rs.	Total VO&M Rs.	Total Energy Cost (Rs.)
	18	Best Green Energy	Solar	100	15,334,930	-	-	-	-	-	-	-	-	-	-
	19	Crest Energy	Solar	100	15,571,330	-	-	-	-	-	-	-	-	-	-
	20	Harappa	Solar	18	3,451,390	-	-	-	-	-	-	-	-	-	-
	21	Aj Solar	Solar	18	1,829,500	-	-	-	-	-	-	-	-	-	-
	22	AEP Wind	Wind	50	22,799,173	-	-	-	-	-	-	-	-	-	-
	23	Jhampir Wind	Wind	50	19,967,990	-	-	-	-	-	-	-	-	-	-
	24	HAWA Wind	Wind	50	18,097,580	-	-	-	-	-	-	-	-	-	-
	25	TGT	Wind	50	15,803,375	-	-	-	-	-	-	-	-	-	-
	26	TGS	Wind	50	15,706,838	-	-	-	-	-	-	-	-	-	-
	27	Tricon Boston-A	Wind	50	21,615,456	-	-	-	-	-	-	-	-	-	-
	28	Tricon Boston-B	Wind	50	20,895,012	-	-	-	-	-	-	-	-	-	-
	29	Tricon Boston-C	Wind	50	20,392,286	-	-	-	-	-	-	-	-	-	-
	30	ZEPHYR Wind	Wind	50	18,521,664	-	-	-	-	-	-	-	-	-	-
	31	Foundation Wind Energy-II (Pvt.) Limited	Wind		14,878,670	-	-	-	-	-	-	-	-	-	-
	32	SPPs	Mixed	257	16,387,044	76,145,712	-	76,145,712	-	-	-	-	76,145,712	-	76,145,712
		Sub-Total		1,897	486,138,253	76,145,712	-	76,145,712	-	-	-	-	76,145,712	-	76,145,712
		G-Total:		34,550	13,009,507,117	74,165,681,890	4,122,020,673	78,287,702,562	(22,560,814)	(37,390,849)	(59,951,663)	-	74,143,121,076	4,084,629,824	78,227,750,900
Summary															
1		Hydel			3,465,457,270	-	322,634,937	322,634,937	-	165,835,730	165,835,730	-	-	488,470,667	488,470,667
2		Coal			2,618,972,000	20,506,694,949	1,156,281,508	21,662,976,457	(322,698,248)	(36,817,716)	(359,515,964)	-	20,183,996,701	1,119,463,792	21,303,460,493
3		HSD			20,319,193	440,714,295	24,870,569	465,584,864	-	-	-	-	440,714,295	24,870,569	465,584,864
4		F.O.			771,489,860	11,061,802,682	734,860,594	11,796,663,276	20,233,687	(1,297,191)	18,936,496	-	11,082,036,370	733,563,403	11,815,599,773
5		Gas			1,454,391,295	11,417,908,568	623,049,823	12,040,958,391	570,038,946	(902,325)	569,136,621	-	11,987,947,514	622,147,498	12,610,095,012
6		RLNG			2,828,551,746	28,415,421,585	1,226,956,628	29,642,378,213	(198,094,058)	(211,042,906)	(409,136,964)	-	28,217,327,527	1,015,913,722	29,233,241,249
7		Nuclear			1,271,346,500	1,447,770,702	-	1,447,770,702	(771,477,574)	-	(771,477,574)	-	676,293,128	-	676,293,128
8		Import from Iran			47,388,400	527,316,852	-	527,316,852	59,403,963	-	59,403,963	-	586,720,815	-	586,720,815
9		Wind Power			403,212,039	-	-	-	-	-	-	-	-	-	-
10		Solar			66,539,170	-	-	-	-	-	-	-	-	-	-
11		Bagasse			45,452,600	271,906,544	33,366,614	305,273,158	620,032,470	46,833,560	666,866,030	-	891,939,014	80,200,174	972,139,188
		Mixed			16,387,044	76,145,712	-	76,145,712	-	-	-	-	76,145,712	-	76,145,712
		Totals For The month			13,009,507,117	74,165,681,890	4,122,020,673	78,287,702,562	(22,560,814)	(37,390,849)	(59,951,663)	-	74,143,121,076	4,084,629,824	78,227,750,900
		Prev. Adjustments :				(22,560,814)	(37,390,849)	(59,951,663)							
		GRAND TOTALS :			13,009,507,117	74,143,121,076	4,084,629,824	78,227,750,900							

Energy Cost (Rs.)	74,143,121,076	4,084,629,824	78,227,750,900
Cost not chargeable to DISCOs (Rs.)	522,840,640	-	522,840,640
EPP (Chargeable) (Rs.)	73,620,280,436	4,084,629,824	77,704,910,260
Energy Sold (KWh)	12,678,500,156	12,678,500,156	12,678,500,156
Avg. Rate (Rs./KWh)	5.8067	0.3222	6.1289

Reference. Rate (Rs./KWh)	5.9322
FCA. Rate (Rs./KWh)	(0.1255)

CENTRAL POWER PURCHASING AGENCY (CPPA)
Detail Breakup of FCC Claimed
For the Month of May 2021

S.No.	Power Producer	Fuel	Dep. Capacity (MW)	Energy KWh	Fuel Cost component as determined by Authority (Rs./kWh)	Fuel Cost as per NEPRA Approved Rate (Rs.)	Heat Degradation Factor (Dh) Rs.	Load Correction Factor (kL) Rs.	Any other Cost as per PPA (Rs.)	Fuel Charges Rs.
A					B					
1	Attock Gen Limited	RFO	156	25,447,234	14.2218	361,904,418	-	3,332,734	-	365,237,152
2	Atlas Power Limited	RFO	214	61,554,300	11.7275	721,878,053	-	47,355,973	-	769,234,026
3	Nishat Power Limited	RFO	195	48,829,630	12.3409	602,601,581	-	8,006,226	-	610,607,807
4	Foundation Power Company Daharki Ltd.	Gas	171	110,859,688	6.6297	734,966,475	30,868,592	19,619,458	-	785,454,525
5	Orient Power Company (Private) Limited	RLNG	213	83,821,566	10.4262	873,939,551	26,917,335	39,319,501	-	940,176,387
		HSD		14,518,575	19.7621	286,917,531	8,837,060	22,248,994	-	318,003,585
6	Saif Power Limited	RLNG	204	88,701,484	11.7362	1,041,014,397	32,063,244	58,018,427	-	1,131,096,068
7	Engro Powergen Qadirpur Limited	Gas	213	73,485,391	7.1240	523,509,927	17,799,338	76,396,906	-	617,706,171
8	Sapphire Electric Company Limited	RLNG	203	97,399,050	8.9185	868,653,122	28,033,535	41,526,577	-	938,213,234
9	Narowal Energy Limited	RFO	214	64,815,508	11.7436	761,167,400	-	6,255,877	-	767,423,277
10	Halmore Power Generation Company Limited	RLNG	199	68,153,661	10.2811	700,692,746	21,391,852	44,165,135	-	766,249,733
11	Uch-II Power (Pvt.) Limited	Gas	381	257,916,869	6.8471	1,765,970,059	56,477,576	10,346,261	-	1,832,793,896
12	China Power Hub Generation company (Pvt.) Ltd	Coal	1,220	888,658,100	6.3572	5,649,377,273	35,749,803	25,194,620	-	5,710,321,696
13	Quaid-e-Azam Thermal Power (Pvt) Limited	RLNG	1,180	711,505,000	8.7557	6,229,739,086	105,520,725	407,125,971	-	6,742,385,782
14	National Power Parks Management Company Private	RLNG	2,550	791,949,900	12.8963	10,213,262,292	179,268,473	590,892,312	-	10,983,423,077
15	Huaneng Shandong Ruyi Energy (Pvt) Ltd	Coal	1,320	729,035,100	7.9819	5,819,099,236	626,747,214	624,899,873	-	7,070,746,323
16	Port Qasim Electric Power Company (Pvt.) Limited	Coal	1,320	559,560,800	7.0121	3,923,696,286	82,574,618	46,237,284	-	4,052,508,188
IPPs Total:-			11,273	4,676,211,856	-	41,078,389,433	1,252,249,365	2,070,942,129	-	44,401,580,927

Detail Of Energy Imported From Small Power Producers					
DISCO	SPPs	Contract Capacity (MW)	Description	May, 2021	Rate (Rs./KWh)
MEPCO	Kumhar Wala Power House-I	5.00	Energy	1,310,924	
			Cost (Rs.)	-	
	DISCO's Total:-	5.00	Energy	1,310,924	0.00
			Cost (Rs.)	-	
HESCO	Thatta Power (Pvt.) Ltd.,	18.80	Energy	1,179,000	5.04
			Cost (Rs.)	5,942,160	
	Agar Textile Mills	2.00	Energy	58,720	7.80
			Cost (Rs.)	458,016	
	Lucky Cement Factory Ltd., N-Abad	20.00	Energy	13,838,400	5.04
			Cost (Rs.)	69,745,536	
	DISCO's Total:-	56.80	Energy	15,076,120	5.05
			Cost (Rs.)	76,145,712	
G-Total		61.80	Energy	16,387,044	4.65
			Cost (Rs.)	76,145,712	