

National Electric Power Regulatory Authority Islamic Republic of Pakistan

Registrar

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No. NEPRA/R/TRF-100/MFPA/2062-7/

January 11, 2021

1		-	
1.	Chief Executive Officer,	2.	Chief Executive Officer,
	Faisalabad Electric Supply Company		Gujranwala Electric Power Company Ltd.
	Abdullahpur, Canal Bank Road		565/A, Model Town, G.T. Road,
	Faisalabad		Gujranwala
3.	Chief Executive Officer,	4.	Chief Executive Officer
	Hyderabad Electric Supply Co. Ltd.		Islamabad Electric Supply Co. Ltd.
	WAPDA Offices Complex,		Street # 40, Sector G-7/4, Islamabad.
L	Hussainabad, Hyderabad		
5.	Chief Executive Officer,	6.	Chief Executive Officer
	Lahore Electric Supply Company Ltd.		Multan Electric Power Co. Ltd.
	22-A, Queens Road,		MEPCO Headquarter,
	Lahore		Khanewal Road, Multan
7.	Chief Executive Officer,	8.	Chief Executive Officer
	Peshawar Electric Supply Company		Quetta Electric Supply Company
ļ	WAPDA House, Shami Road,		Zarghoon Road, Quetta
	Sakhi Chashma, Peshawar		
9.	Chief Executive Officer,	10	Chief Executive Officer
	Sukkur Electric Power Company Ltd.		Tribal Areas Electricity Supply Company
	Administration Block,		Limited (TESCO)
	Thermal Power Station, Old Sukkur.		Room No. 213, 1 st Floor, WAPDA House,
			Shami Road, Sakhi Chashma,Peshawar

Subject: Decision of the Authority in the matter of Fuel Charges Adjustment for the months of October 2020 & November 2020 for XWDISCOs along with Notification Thereof

Enclosed please find herewith copy of the decision of the Authority (13 pages) regarding adjustment in fuel charges in respect of Ex-WAPDA Distribution Companies for the months of October 2020 & November 2020 along with its Notification i.e. S.R.O. 12(1)/2021 dated 08.01.2021.

2. XWDISCOs are directed that while charging the fuel charges adjustment from their consumers, the Order of the Honourable Court(s), if any, be kept in mind and ensure compliance with the Order(s) of the Court(s), whatsoever, in this regard. In case of non-compliance of Courts Order the concerned DISCO shall be held responsible for violating / defying the orders of the Honourable Court(s).

Enclosure: As above	(Decision alongwith Notification is
	also available on NEPRA's website)

ng ng 11012 (Syed Safeer Hussain)

CC:

- 1. Secretary, Ministry of Energy (Power Division), 'A' Block, Pak Secretariat, Islamabad.
- 2. Secretary, Cabinet Division, Cabinet Secretariat, Islamabad.
- 3. Secretary, Ministry of Finance, 'Q' Block, Pak Secretariat, Islamabad.
- 4. Managing Director, PEPCO, 721 WAPDA House, Lahore.
- 5. Member (Power), WAPDA, WAPDA House, Lahore.
- 6. Managing Director, NTDC, 414 WAPDA House, Lahore.
- 7. Chief Executive Officer, Central Power Purchasing Agency Guarantee Limited, Shaheen Plaza, 73-West, Fazl-e-Haq Road, Islamabad.



DECISION OF THE AUTHORITY IN THE MATTER OF FUEL CHARGES ADJUSTMENT FOR THE MONTH OF OCTOBER AND NOVEMBER 2020 FOR EX-WAPDA DISCOS

- Pursuant to the provisions of Section 31(7) of the Regulation of Generation, Transmission and Distribution of Electric Power Act 1997, (NEPRA Act) read with the mechanism/ formula determined by the Authority in the tariff determinations for Ex-WAPDA DISCOs for the FY 2017-18 and notified in the official gazette, the Authority has to make adjustments in the approved tariff on account of any variations in the fuel charges on a monthly basis.
- 2. In order to make adjustments in the approved tariff of the Ex-WAPDA DISCOs due to variations in the fuel charges for the month of October and November 2020, necessary information as to the details of the actual fuel charges etc. was obtained from Central Power Purchasing Agency Guarantee Limited (CPPA-G).
- 3. he Authority has gone through the information provided by CPPA-G seeking monthly fuel adjustments and due diligence is done accordingly. From perusal of the information so provided by CPPA-G, the actual pool fuel cost for the months from October 2020 and November 2020, vis a vis the reference fuel cost component as indicated in the Annexure-IV of the notified consumer-end tariff of Ex-WAPDA DISCOs for the FY 2017-18, is given hereunder;

		Rs./kWh
Description	October 2020	November 2020
Actual Fuel Cost Component	4.3291	3.4459
Refence Fuel Cost Component	3.7579	2.4877
Fuel Price Varaiation	0.5712	0.9582

- 4. Notwithstanding the fact that the monthly adjustment on account of fuel charges variation is made in pursuance of the provisions of section 31(7) of the NEPRA Act, as well as on the basis of a mechanism/formula already determined by the Authority in its annual tariff determinations for Ex-WAPDA DISCOs, yet in order to meet the ends of natural justice and to arrive at in informed decision, the Authority decided to conduct a hearing in the matter. Advertisement for hearing of FCA for the month of October 2020, was published on December 11, 2020, whereby hearing was scheduled on December 17, 2020, however, the same was postponed by the Authority. Afterwards, a combined advertisement for hearing regarding FCA of November 2020 including its salient features and details of the proposed adjustments, along-with FCA of October 2020, was published in the newspapers on December 23, 2020 and also uploaded on NEPRA's Website for information of all concerned.
- 5. The Authority conducted hearing of FCAs for both October and November 2020, on December 30, 2020 at NEPRA Tower, Ataturk Avenue (East), G-5/1, Islamabad through zoom. The date of hearing was mentioned in the advertisement published in newspapers and also uploaded on NEPRA's website, whereby participation in the hearing and filing of comments/ objections from any interested/affected person were invited. Separate notices were also sent to the interested / affected parties.



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6. On the date fixed for hearing, representatives from CPPA-G, National Power Control Center (NPCC), NTDC, XWDISCOs, Media and General Public were present; however, no representative from WAPDA Power Privatization Organization (WPPO), Sui Southern Gas Company Limited (SSGCL), Sui Northern Gas Pipelines Limited (SNGPL), Ministry of Energy and Ministry of Finance attended the hearing despite service of notice.

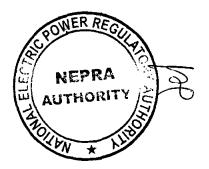
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7. The Authority, from the data provided by CPPA-G, observed that fuel cost of the following power plants has not been claimed by CPPA-G as per the Authority's approved rates, accordingly, the same has been adjusted downward in line with the Authority's approved rates as detailed below;

		October 2020		
Power Producer	Energy kWh	Fuel Cost claimed by CPPA-G Rs.	Fuel Cost as per Authority's approved rates Rs.	Adjustment Rs.
Chiniot Power	2,367,320	14,698,453	14,161,782	(536,671)
Engro PowerGen Thar	241609500	3416606064	2143921898	(1,272,684,165)
Total	243,976,820	3,431,304,517	2,158,083,680	(1,273,220,837)

		November 2020		
Power Producer	Energy kWh	Fuel Cost claimed by CPPA-G Rs.	Fuel Cost as per Authority's approved rates Rs.	Adjustment Rs.
Engro PowerGen Thar Attock-Gen	221,603,100 4559153	3,269,465,290 48132406	1,966,395,108 45829289.83	(1,303,070,182) (2,303,116)
Total	226, 162, 253	3,317,597,696	2,012,224,398	(1,305,373,298)

8. Similarly, CPPA-G also claimed an amount of Rs.1,457 million on account of previous adjustments & supplemental charges for the month of October 2020. However, the Authority verified the same as Rs.855 million, which has been included in the monthly FCAs of October 2020. A summary of the amount claimed by CPPA-G and allowed by the Authority is as under;





		October 2020		
	1 1 0	Prev. Adj. Claimed	Verified by	Difference in
Power Producer	Fuel Type	by CPPA-G Rs.	NEPRA Rs.	Claimed Cost Rs.
	r		· · · · · · · · · · · · · · · · · · ·	r
Nandipur	RLNG	110,951,000	110,951,000	-
Chashma Nuclear	Nucl	44,260,998	44,260,998	-
Tavanir Iran	Import	(74,227,609)		-
Attock-Gen	RFO	4,993,092	4,993,092	-
Atlas Power	RFO	10,676,099	10,676,099	(0
Nishat Power	RFO	(171,324,285)		
Foundation Power	Gas	(832,110)		
	RLNG	(2,420,396)		
Orient			······································	
	HSD	351,263,494	-	(351,263,494
Nishat Chunian	RFO	(58,397,652)	(58,397,652)	-
Saif Power	RLNG	(7,029,613)	(7,029,613)	
Saphire Power	RLNG	55,500,333	16,577,351	(38,922,982
	HSD	(15,654,846)	(15,654,846)	-
Hubco Narowal	RFO	11,216,055	11,216,055	-
Liberty Power	RFO	53,023,685	53,023,685	-
	RLNG	(5,313,573)	(5,313,573)	-
Halmore				
	HSD	212,547,336	-	(212,547,336
Uch-II	Gas	48,680,694	48,680,694	-
China Hub Power (Pvt.) Ltd	Coal	(45,320,112)		-
Engro PowerGen Thar TPS	Coal	794,833,937	794,833,937	
QATPL	RLNG	196,122,097	196,122,097	-
Haveli Bahadur Shah	RLNG	(39,189,211)		-
Coal Fire Power Plant	Coal	(1,358,248)		
Baloki	RLNG	(75,788,156)	(75,788,156)	-
Supplemental charges 1994	power Policy	60,741,585	60,741,585	<u> </u>
Total		1,457,954,593	855,220,781	(602,733,812

As per the data submitted by CPPA-G, XWDISCOs purchased energy from Captive Power Plants (CPPs) during October 2020 and November 2020, for which CPPA-G provided actual details of energy purchased from these plants. Here it is pertinent to mention that amount claimed by CPPA-G for Captive Power Plants (CPPs) includes the impact of GIDC in the Gas prices, however, Honorable Supreme Court of Pakistan, vide decision dated August 13, 2020, restricted recovery of GIDC after July 30, 2020. In view, thereof, the impact of GIDC has been excluded from the instant cost of Captive Power Plants claimed by CPPA-G during the months of October and November 2020 as detailed below;

Month	Fuel Cost claimed by CPPA-G Rs.	Fuel Cost as per approved mechanism Rs.	Difference Rs.
October 2020	164	129	(34)
November 2020	183	149	(33)
Total	346	279	(68)



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- 10. The Authority also during the hearing observed that, prima facie, certain efficient power plants were not fully utilized and instead energy from costlier RFO & HSD based power plants was generated to the tune of over Rs.2.011 billion *(Rs.1.880 billion from RFO and Rs.0.131 billion from HSD based power plants)* during the month of October 2020. The Authority has been directing NPCC/NTDC & CPPA-G repeatedly to provide complete justification in this regard, to the satisfaction of the Authority and submit complete details for deviation from EMO, showing hourly generation along-with financial impact for deviation from EMO, if any, and the reasons, thereof.
- 11. An in-house analysis in this regard has also been carried out, to work out the financial impact due to deviation from EMO based on the information submitted by NPCC and subsequent discussions made with NPCC and CPPA-G. As per the in-house analysis/ workings carried out, the net amount deductible from the overall claim due to deviation from EMO owing to shortage of RLNG, technical constrains and underutilization of efficient power plants works out as Rs.862.53 million. The Authority has deiced not to allow this amount in the FCA of October 2020, until NPCC/ NTDC and CPPA-G provides the required details along-with complete justification in this regard to the satisfaction of the Authority.
- 12. Accordingly, the Authority has calculated the fuel cost for the month of October 2020, after accounting for the aforementioned adjustments, and including costs arising out due to application of various factors, as provided in the respective PPAs of the Power Producers and claimed by CPPA-G in its FCA request. Here it is pertinent to mention that the amount arising out due to application of PPA factors, for the six RFO based IPPs, incorporated under 2002 Power Policy, is being allowed on provisional basis and shall be subject to adjustment, based on the final outcome of the ongoing *suo moto* proceedings against RFO based IPPs.
- 13. NTDCL, provided details of T&T losses for the monthly FCAs under consideration. The Authority has adjusted the same as per the Authority's allowed limit of 2.80%, where required.
- 14. The Authority, after incorporating the aforementioned adjustments, has reviewed and assessed the following monthly FCAs in the applicable tariff for XWDISCOs on account of variations in the fuel charges for the months from October 2020 and November 2020 as per the following details:

		Rs./kWh
Description	Oct. 2020	Nov. 2020
Actual Fuel Charges Component	4.0505	3.2573
Corresponding Reference Fuel Charges Component	(3.7579)	(2.4877)
FCA for the month - Increase	0.2925	0.7696

- 15. In view of the aforementioned, the Authority has decided that adjustment as referred in Para 14 above;
 - a. Shall be applicable to all the consumer categories except lifeline consumers.



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- b. Shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the respective month to which the adjustment pertains.
- c. XWDISCOs shall reflect the fuel charges adjustment in respect of October 2020 and November 2020 in the billing month of January 2021.
- d. While effecting the Fuel Adjustment Charges, the concerned XWDISCOs shall keep in view and strictly comply with the orders of the courts notwithstanding this order.

Engr. Bahadur Shah Rehmatullah Baloc Member Member Rafique Ahmed Shaikh Saif Ullah Chattha Member Vice Chairman 4.1.2021 Tauseef^HH. Farood Chairman NER RA NEPRA ជ **AUTHORI** 08 01 21 ÷

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			KAPCO Total							Sub-Total:		Northern Total:				*****	Block-3 Unit 6	Block-3 Unit 6		Block-3 Unit 5		_	Block-2 Unit 4	Block-2 Unit 4	Block-2 Unit 4		Units							Unit 1			Construct Toronal		4			Jamshoro Total		-110		unit-4		United			Unit-2			-	otali:		а					8.					Power Producers	
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CENTRAL POWER PURCHASING AGENCY (CPPA) Energy Procurement Report (Provisional) For the Month of October 2020

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				2,388,551	90, 228, 239	232,495,222	27,695,197	260, 844, 027	435,414,080	390,777,024		1,433,253	13,900,170	26,292,610	27,416,639	33,405,872	43,358,792	27,242,515	21,701,580	13,313,039 56,043,030	34,523,580			48,491,200	85,744,250	786.776	14,672.260	10,508,930	Charges Rs.
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	ALL AUT	NEPRA 2		40,776,95	2,252,461,750	4,944,633,521	3,077,039,977	5,438,944,564	5,424,006,261	4,163,772,776		16,531,706	1,471,077,095 121,278,267 12 285,051	359,323,134	272,630,497	462,979,432	569,599,599 17,540,599	238,255,417 327,781,196	490,368,743	118,03	59 632 667	390,294,583	29,934,959	999, 376, 145 217, 452, 950	1,352,221,968	39,979,362	113,184,362	511,477,862	EPP Billing month (Rs.)
		NEP		5,655	1,750	3,521	9,977	4,584	6,261	2,776		1,706	5.057	3 030	0,497	9,432 -	9,599	1,198	2765	5 5 5 5 7 7 7 7 7	1,576	1983	417		988	J, 362	, 362		Prez
	AUTHORITY	RA	REQ	1,286,2		(75.7	(1,3	(39.1	196,1	145.3			10.0	(5,313,573) 212,547,336	53,0	55,5		(58,397,652) (7,029,613)	(Z.4)	(171,S	4,993,092	14.2		4.2					Adjustment Cost (Rs.)
	THE REAL	V ABOLY	X	1,286,262,008	28 618	(75,788,156)	(1,358,248)	(39,189,211)	196,122,097	(45,320,112) 794,633,937			-00,000,00	13,573) (7,336	11,216,055	55,500,333	• •	37,652) 29,613)	20,398	74,285) 12,110)	76,090	17,809)		4,260,990	• •	• • •	• • •		in Frue
		fel		1,757,207,152	1 757 207	(102,467,471)		(145,402,406)	2,022,869,006	(3,625,661)			as2,262 861,945		369,207			397,423											v: Adjustment in VO&A (Rs.)
				- 152	2	· (17)		406)	8	896) (1)			£ 2 '		29			' <u>'</u> 8						· · · ·	+				
				3,043,469,160	3,073,43	(178,275,627)	(1,358,248)	(184,591,617)	2,218,991,103	(40,948,773) 777,516,041	•		40,090 852	(5,313,573) 212,547,336	11,605 \$3,575	55,500		(56,000,229) (7,029,613)	(2,420 351,263	(171,32A	4,993	(74,227,809)		44,260,998					Prev. Adjustment in EPP Total Rs.
				,160	770	,627)	248)	617)	Ē	213		• • •	8 2 5	8 6 5	£1 25	333		613)	194 196	205)	99 99	6111	• • • • • • • • • • • •	98					-
							•••			• • • •																	•••	e je se je	Supp. Charges
																													Total
				39,674,705,	2,162,233,511 33,957,051,323	4,636,350,143	3,047,986,532	5,130,811,326	5,185,394,278	3,727,675,640		14,698,453	107,378,0	327,716,301 239,293,048 1,452,989,687	256,429,913	485,073,893	526,340,607	297,194,375	404,514,054	(96,602,142 662,440,319	233,734,008	324,066,975	29,934,959 217,095,417 261,570,038	261,713,9	1,266,477,738	39,190,566	96,512,102	708,806,005	Total Fuel Cost Rs.
		· · · · · · · · · · · · · · · · · · ·										5	016				27						S8 37	\$: : :	8		Top
6				6,145,759,041	90,228,239 3,880,478,361	130,007,751	27 685,197	115,541,621	2,458,283,086	367,150,363 243,551,237		1,433,253	14,752,433 2,289,962	1,147,320	27,805,846	33,405,872	43,358,792	23,557,196	421,405	50,043,030	34,523,560 5,936,002	265,280,680			40,491,206	784,776	14,672,260	10,300,900	Total VO&M
7																													To Energ (R)
184				43,820,464,815	2,252,461,750 37,837,529,684	4,786,357,894	3,075,681,729	5,254,352,947	7,543,577,364	4,114,826,003		16,531,706	122,130,530	240,440,36	254,264,067 254,864,067	518,479,765 (15,854,846)	569,699,599	320,751,573	364,936,255	740,443,349	268,257,666	324,066,975	217,085,417 261,570,036	261,713,948	999,376,145	39,979,362	113,184,362		Total Energy Cost (Rs.) 511.477.882
·				6	1212	ij (k)	1 18	<u> 9</u>]	<u>[</u> *]	00		. O)	1410	<u></u>	<u>-1- </u>	<u>الا ک</u>	<u> </u>	ن ت ات		<u></u>	<u></u>	<u></u>	<u> </u>	<u> </u>					

CENTRAL POWER PURCHASING AGENCY (CPPA) Energy Procurement Report (Provisional) For the Month of October 2020

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CENTRAL POWER PURCHASING AGENCY (CPPA) Energy Procurement Report (Provisional) For the Month of October 2020

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5.N 0.	Power Producers	Fuel	Dep. Capacity (MW)	Energy KWh	Fuei Charges Rs.	VO&M Charges Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Re.)	Prev. Adjustment in VOSM (Rs.)	Prev. Adjustment in EPP Total R.	Supp. Charges	Total Fuel Cost Rs.	Total VG&M Rs.	Tota Energy ((Rs.)
TT I	21 Aj Solar	Solar	16	1,605,040		·		T		i .		1		i
11	22 AEP Wind	Wind	50	9,534,841		· · · · · · · · · · · · · · · · · · ·	-	1		f		1		···· · ·—
1 1	23 Jhampir Wind	Wind	50	6,832,420	· · · -		1	1	1	1		1		
	24 HAWA Wind	Wind	50	7,234,250			f · ·)	• • • • • • • • • • • • • • • • • • •		1 · · · · · · · · · · ·	· · · ·	
1 13	25 TGT	Wind	50	5,206,453	· · ·		1 · · · · · · · · · · · ·	to the second	e e e e e e	• • • • • • • • • • • • • • • • • • • •	e e en e e 📋			
1 13	26 TGS	Wind	50	5,151,541		· · · · · · · · · · · · · · · · · · ·	1 ·	1		₽		••••••••••••••••••••••••••••••••••••••	e sa Ere	•••
1 1	27 Tricon Boston-A	Wind	50	7,171,394		-	f · · · · · ·	1					<u>-</u> -	
	28 Tricon Boston-B	Wind	50	7,031,244		· · · · · ·	1 · · ·		↓ · · · · ·]	-	en en la Eli	to see the pre-		
11	25 Tricon Sector-C	Wind	50	7,003,432				1 ··· ··· ···	·	••••••••••••••••••••••••••••••••••••••	.	· · · · · · · · · · · · · · · · · · ·	· · · ·	- · · · · · · · · · · · · · · · · · · ·
1 13	30 ZEPHYR Wind	Wind	50	7,717,213				ł i			E 2 −− 2 2 1 − 1 − 1	· · · · · · · · · · · · · · · · · · ·		
	31 Foundation Wind Energy-II (Pvt.) Limited	Wind	1	4 798 350				e en en en el	la internationalista			• •• •· • • • • •		· · · - ·
	32 SPPs	Mixed	257	23,820,701	163,676,728	· · · · · · · · · · · · · · · · · · ·	163,676,728					163,676,728		
1 1	Sub-Totel		1,897		163,676,728		163,676,728			······		163,676,728		
	G-Total;		34,210	10,242,980,768	42,190,672,233	2,985,037,475	45,175,709,707	1,397,211,207	1,762,680,015	3,159,891,222	60,741,585		4,747,717,489	48,3
Sum	imary									<u></u>				
1	Hydel			3,174,153,391		295,753,458 769,468,593	295,753,458		5,472,863	5,472,863	·	-	301,226,321	3
2	Coal		1	1,915,581,900	12,401,180,107	789,469,593	13,170,649,700	748,155,577	(20,844,557)	727,311,020		13,149,335,684	748,625,036	13,8
3	HSD		1	6,604,470	131,006,963	3,975,715	134,982,678	548,155,984		\$48,155,964		679,162,947	3,875,715	6
4	F.O.]	154,474,941	1,680,139,194	162,364,766	2,042,503,960	(149,813,006)	1,338,373	(148,474,633)	60,741,585	1,791,067,774	163,703,139	1,9
5	Gas			1,145,326,797	7,674,604,547	548,219,804	8,223,024,351	47.848.583		47,848,583		7,722,653,130	\$45,219,804	8.2
6	RLNG			2,851,040,686	18,682,563,181	1,188,112,678	19.670,675,659	232,830,679	1,774,979,129	2,007,509,508		18,915,393,660	2.963.091.807	21,6
6	Nuclear		T	714,563,000	726,053,364		726,053,364	44,260,998	······································	44,260,998		770,314,382		7
7	Import from Iran		1 - 1	40,555,400	398,294,583	-	398,294,563	(74.227,609)		(74,227,609)		324,066,975	··· ······	3
8	Wind Power		1	134,062,382	-			(·····	(******				
191	Solar		1	60,641,950								••••••••••••••••••••••••••••••••••••••		
10	Bagasse		1	22,135,150	132,953,566	17,141,460	150,095,026		1,734,207	1,734,207		132,953,566	18,875,668	1
111	Mixed		· · · · · · · · · · · · · · · · · · ·	23,820,701	163,676,728		163,676,728	·····	1,/34,207	1,/34,20/		163,676,728	10,010,000	
1.11		Totais Fo	* The month	10,242,980,768	42,190,672,233	2,985,037,475	45.175.709.707	1,397,211,207	1,762,680,015	3,159,891,222	60,741,565		4.747.717.489	
1		Dray A	djustments ;		1,457,952,792	1,762,680,015	3,220,632,807		1,102,000,015		00,741,063		4,44,717,403	

Energy Cost (Rs.)	43,648,625,025	4,747,717,489	48,396,342,514
Cost not chargabe to DISCOs (Rs.)	477,924,946	-	477,924,946
EPP (Chargable) (Rs.)	43,170,700,079	4,747,717,489	47,918,417,568
Energy Sold (KWh)	9,972,116,872	9,972,116,872	9,972,116,872
Avg. Rate (Rs./KWh)	4.3291	0.4761	4.8052

Reference. Rate (Rs./KWh) FCA, Rate (Rs.AWh)

3.7579 0.5712

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	Hub Power Kohinagi Energy	Kot Addu	LAKHPA GENCO's Total:- Sub-Total:-	Block Juni Block Juni Block Juni Block Juni Norther Block Block Juni Norther Block Block Juni Norther Block Block Juni Norther Block Slove	Northern Block 2 Block 2 Northern Block 2 Block 2 Block 2 Block 3 Block 3 Block 3	initial international internat	Block 3 (unit 364) Guddu 747 (CC) Central Total	Jamshoro Tota GENCO-II *** Guada CC Block 1 (OC) Central Block 2 (OC) Guedan (OC) Block 2	Unit-	UKAPPA GENCOa GENCO4 Umit (Jamahoro Block 1 Jamahoro Block 2 Jamahoro Blo	Maria	Power Producers
	RFO		Cont				a a	2 E E				Fuel
	1.200 124	7752 2,466	31 4,337	355 1177 977 75 75	272	556	1.641	390 530	107	470	6.902 18 18 18 147 84 147 84 147 101 101 101	Dep. Capacity (MW)
		7,473,300 274,500	147,732,300	7,920,000			125,380,000	13,822,300 8,415,319 11,004 5,395,977			2 667 7.96,227 2 562 116 11 505 800 44 5 30,420 2,423 340 108 473 600 108 473 600 108 473 600 108 473 600 108 473 600 108 473 600 108 777 100 1757 110	Energy KWh
		87,733,680 2,540,693 2,540,693	891,915,789	10.322.927 70.322.927			720,184,037	101,408,825 59,168,948 85,964 42,153,912			1	Fuel Charges Re. B
			1 75,422,780	1 5.075.112				5 952,356 579,815 756 371,763			1664.404.438 6.635.580 3.643.515 13.921.522 3.637.303 14.717.313	Voque Changes As.
q			967, 338,569	660,986,77				102,361,181 59,748,784 86,722 42,525,685				EPP Billing month (Rs.) D# 8+C
												Prev. Adjustment in Fuei Cost (Re.) E
					AUTH	NOMER RECO	•					Prev. Acjustment m VORM (Rs.)
				THEOD	ORITY ANOLY	REGI	•					Prev. Adjus'ment in EPP Total Rs. Geffer
					2el							Supp. Charges
		87,713,460 2,510,233 	891,815,789				720,184,037 821,592,862	101,408,825 59,168,948 85,964 42,153,912				Total Fues Cost Rs. # B-E-H
6		5,672,612 120,143	15,422,780	2017-2012 2017-2012 			2 9	952,358 579,815 758 371,783			164,004,434 6,635,000 13,921,023 3,637,213 3,637,213 3,637,213	Total VO&M
m de		83,407,372 2.631,076	967,330,569	690'046'5'.			788,579,329 897,940,510	102_361,181 59,748,764 66,722 42,525,985	• • • • • • •		184,404,438 6,633,480 13,127,983 14,4717,313 14,4717,313	Total Energy Cost [Rs.] Ket-J

CENTRAL POWER PURCHASING AGENCY (CPPA) Energy Procurement Report (Provisionsi) For the Month of November 2020

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	2	Direst Energy	Reat Grann Emanne			Wind	Grochina Dawood Power	MUNC				Gul Ahmad Wind Prover	Wind Power	as Emergy Ltd.,	aphire Wind Power	oundation				TPS-Quetta	Ì	IPP,s Total:		Quantinn	-		1111	Gulf Power Gen	Coal Fire Power Plant	HIVEN CUMURUS SMAD			2	Lanyah Sugar Milla	o PowerGen That TP	a Hub Power (Pvt.) Lt	war Energy Limited	Aimolz Industries Limited	za Sugar Nilla	Think Power						nore	Denty FOWER	HUDCO NATOWAL		phine Power		Enoth Frierry		Salf Power	Nishat Chunian		1	Foundation Power	hat Power	S Power	Attock-Gen		Tavanic Iran	ashma Nuclear-IV	ashma Nuclear-IR	Chashma Nuclear-R	Chashma Nuclear	vis Energen	berty			apan Power	Saba Power		uji Kabirwata	bibultah	Southern Prover Limited	SLaipir		
· · · · · · · · ·	-						(Private) Limite																																																							Sub-Totat:													:	1.11.11				
			3011		Mind	Wind	Wind	Wind	Mind	Wind				Mind	Wand	Wind	Wind	Wind	Wind	f		Η	Ť	Coal	t	RING		RFO	8	HSO	RING	GSH	RLNG	Bagasse	Coal	Coal	Bagasse	Bagasse	Bagasse	Bagasse	Bagasse	Bagasse	Hagasse	Gas	HSD	KLNG	R O	RFO	RS	RCGG	HSO	Gas	HSD	RLNG	RFO	HSD	RLNG	Gas	RFO	RFO	RFO			Nucl	Nucl.	Nucl	Nucl	Ę	2	6	P	5	ŝ	5	2	2	5 5			
	i e	3 8	Ē	52	99	8	8	<u>ي</u>	8	z	3 8	5	518	50	5	8	8	50	8	25		18,104	11,536	130		130	9	8	026 1			1,100	ġ	2	8	1,220	8	8	<u>ವ</u> .	8	×	8	8	ŝ		198	198	214		Ŕ		213	24	Į	8	213	:	17	ซี	274	156	6 565	8	÷	ž	315	õ	1	212		A .	10	1.8	300	5	1	340	36	(MM)	
1,006,370	10,978,170	10,945,600	10,860,020	11,324,730	12,265,636	8,163,275	6,159,720	4,522,290	6,814,480	7,309,662	DLA'LEN'	100,000 B		7 417 460	6 JUS 124	5 106 770	5.968.100	5.653,140	6,257,910	•		4,083,247,381	3,113,107,481	362.076.580	mo'21 6'1 ar	402 CF0 103	· · · · · · · · · · · · · · · · · · ·	M0.002	111 016 800	000,100,000			695,734,300	3,270,980	221,603,100	399,614,000		806.623	5 322 400	13,145,920	12,111,500	14,065,140	11,269,600	22,708,309					•	5,708,770		7 212 502			4,738,709			8 490 663	4.179 032		4 558 153	070 00 000	11 451 000	214 574 000	26 255 000	206.913.000	215 557 000		-	000 204 661						•	• • •	6,822,300		
······································					•	•	-	•	1	•									• • • • • • • • • • • • • • • • • • • •			24 520 462 154	1.247 1.242 1.240 DC	1 601 202 160	5,8/5,216,552			119,500,210		3,885,569,124		C16 240 004 4	4 450 042 44	19 567 657	1 269 465 790	2 007 956 750	vor'real.	UN 568 7	104 048 14	78 641 523	72,453,415	84, 140, 481	67,417,001	169,420,359	-	-			• • • • • • • • • • • • • • • • • • •	45.029.410	707's IC'sc				56.278 MA		1.2.1 P.1.1.	441'0CR'EN			200,000,000,000,000					ł		10,000,01		1,562,982,038								84,628,544		
				-					•	· · · ·	•	-						· · · · · · · · · · · ·					10,170,442	1	100, 000, 001			21,357,503		192,673,939		303,001,732		200 LLS C	:		AP-0, -> 0	-	10,100,201			10 592 044		8,068,263	•			•		3 530 477	1,805,570			042'1Ch's				6,215,474			119,378,785						•	Z16,000 PC	•	8 77,000,208		:				•		1 928 650	1	
						th 1												· · · · · · · · · · · · · · · · · · ·			26,024,106,222	22,345,832,838	1,761,585,901		4,061,254,682			834,946,120	•	4,186,243,063		4,841,044,675	22,000,703	7,506,605,637	2,212,461,620		5,450,029	35,961,328	86,821,724	51,532,561	cre'ren'es		76 144 170	177 484 622		· · · · · · · · · · · · · · · · · · ·			140'000'04		63,284,852		· · · · · · · · · · · · · · · · · · ·	001,010,03				56,171,623		55,007,580	Γ		242,554,45	24,923,87	200,912,52	209,500,07		751,338,946	-	1,739,962,246								D		
/						1 AITHOR						2				N-R-R		: : : : : :			10,496,863								•	•	•	•																													10,496,863			2	3					•				10,496,863	•				(and	
K							1	5							ううと						•	•					•		•	· · · · · · · · · · · · · · · · · · ·		•																		· · · · · · · · · · · · · · · · · · ·		•				-		•								•	-	•	•							•			P	-
						9	,			1						•		•			10,496,863		•		•					• •		•	•			•	•	· · · · · · · · · · · · · · · · · · ·	•••	•				•		······	•					•		•		• • • • • • • • • • • • • • • • • • • •		•	•		10,496,863			•	•		•			···,			10,496,863						-	
					1	•			•		·····	···· ··········			-	•	-	•	•				•										· · ·			•			•	• 7	•							•	•	•	•				-	-			•	-		· · · · · · · · · · · · · · · · · · ·				•		· ·								.,	· · · · · · · · ·			
•						•										•					24,530,959,216	20.961.567.754	1 691 425 450	7cc'al 7'c rate		······	110,000,010	241 641 847	471'anc'rea'r		C*8 740'004'4	100, 100, 02 A	19 567 657	3 269 465 290	2.007.956.759		4.825 380	11 A10 AA1		72 453 415	84,140,481	57,417,001	169,420,359	•				•	45,029,410	· · · · · · · · · · · · · · · · · · ·	59 379 282		anin the second s	56 778 804	· · · · · · · · · · · · · · · · · · ·	1.44.1.37"CM	63 221 413	40 858 140		200-1 65-600-5	Car 104 003 L			74 071 072	N25 618 D0C	209 565 071	The second se	715 682 074	1,007,307,030			•	10,496,063			•	64,628,544		P <u></u>	,
		· · · · · · · · · · · · · · · · · · ·		•		•	••••	,	•			-					· · · · ·	· · · · · · · · · · · · · · · · · · ·			1.503.643.869	Ì	1	100,000,100			cne'/cr'12		BCK'T JO'7R1		ZC/ LDO'COF			239 220 546		-		10,104,07	1			8,727,178	8,068,263		•				3,539,437		1905 570		042'1 CM'1				5 7/4 7/6 2			201/076/17		· · · · · · · · · · · · · · · · · · ·					710-0-0-		5 77,000,200		•	•					4 1,928,650		Ra	
						· · · · · · · · · · · · · · · · · · ·												····		anal-aala aalat		LANCAC'LOP'L		4,061,254,682			834,946,120		4,188,243,063		4,341,044,875			1 201 242 202					100,200,10			76.144.179							40,560,847				001,010,000				C70'L1'''0C			3,660,770,747		242,55	78'47	1 8'107	100,043 531		046,000,101		1,739,982,246	:			10,496,863			1	 -	[Rs.]	Energy Cost	

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CENTRAL POWER PURCHASING AGENCY (CPPA) Energy Produrement Report (Provisional) For the Month of November 2020

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CENTRAL POWER PURCHASING AGENCY (CPPA) Energy Procurement Report (Provisional) For the Month of November 2020

							THE TENDER LOLD						
N Power Producers	Fuel	Dep. Capacity (MW)	Energy KWh	Fuel Charges Rs.	VO&M Charges Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuei Cost (Rs.)	Prev. Adjustment in VO&M (Rs.)	Prev. Adjustment in EPP Total Re.	Supp. Charges	Total Fuel Cost Rs.	Total VO&M Rs.	Total Energy Cost (R\$,1
21 Aj Solar	Solar	18	1,214,650	•							1 .	_	
22 AEP Wind	Wind	50	9,569,940	-	•			•			· · · · · · · · · · · · · · · · · · ·		
23 Jhampir Wind	Wind	50	8,928,900	-	-	1	• · · · · · · · · · · · · · · · · · · ·			• · · · · · · · · ·	t= ···[
24 HAWA Wind	Wind	50	10,134,850	•			1 1	······································		h	t · · · [·		
25 TGT	Wind	50	8,042,520	•	-	· · · · ·		······································		terre a ser <u>i</u> s	••••••••••••••••••••••••••••••••••••••	· · · · · · · · · · · · · · · · · · ·	
26 TGS	Wind	50	7,509,940		-			i ista di seconda di s		• • • • • • •	4- · · · · · · · ·	an an Ers	
27 Tricon Boston-A	Wind	50	8,153,175		1		1	• • • • • • • • • • • • • • • • • • • •		- ····	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
28 Tricon Boston-B	Wind	50	8,411,076			······································					· [· · · · · · · · · · · ·		
29 Tricon Boston-C	Wind	50	8.417.732		1) · · [-]						
30 ZEPHYR Wind	Wind	50	9,778,409	•	ł · · · · · · · -		f · · · [···			{ - -	4		
31 Foundation Wind Energy # (Pvt.) Limited	Wind	1	7,113,490			·· ··· ·		e e e e e communicam		↓		<u>.</u>	
32 SPPs	Mixed	257	26,128,347	182,646,304		182,646,304					182,645,304		182,6
Sub-Total		1.897	258,067,228	182,546,304	· · · · ·	182,548,304				<u> </u>	182,545,304		182,64
G-Total:		34,157	7,479,395,962	25,595,024,446	1,806,027,511	27,401,051,957	10,496,863		10,496,863		25,605,521,309	1,896,027,511	27,411,54
ummary									10,450,500		10,000,021,000	1,000,027,011	****
1 Hydel			2,990,349,053	-	226,960,862	226,960,862						226,960,862	226,96
2 Coal	· · · · · · · · · · · ·		1,095,430,280	7,782,436,125	\$35,253,352	8,317,689,478	·····				7,782,436,125	535,253,352	8.317.6
HSD	[·····,	1 1	-					·····	· · · · · · · · ·		1,702,430,123	200,002,000	
F.O.	··	1 1	27,772,494	326,729,362	27,724,415	354,453,777				···	326,729,362	27.724.415	354,45
Gas	(· _ ~ · •	1	437.043.574	3,493,276,998	199,162,437	3,692,461,435	10.496.863					199.182.437	3,702,9
RLNG	[····]	1	1,913,991,170	12,446,691,869	770,448,513	13,217,140,402	10,486,063		10,496,863		3,503,775,861	770.448.513	
Nuclear	t	1	663,299,000	677,976,916	710,440,010	677,978,916	· · · · · · · · · · · · · · · · · · ·			···	12,446,691,889	//0,448,513	13,217,14
Import from kall		4	33,451,000	326,379,734				· · · · · · · · · · · · · · · · · · ·	·····	·	677,976,916		677,91
Wind Power	j!	I		320,318,134		326,379,734	·····			· · · ·	326,379,734	··	326,37
Colu	p	··· ··	184,919,341 47,019,540							· · ·	L		
	p						erer un stam		• · · ·	•	•	·- · · · · ·	
0 Bagasse	,	t	59,992,163	358,885,118	46,457,932	405,343,050	·				358,885,118	46,457,932	405,34
	Tobala	The month	26,128,347	162,646,304		182,646,304				<u> </u>	182,646,304		162,64
			7,479,395,962	25,595,024,446	1,806,027,511	27,401,051,957	10,496,863		10,496,663	-	25,605,521,309	1,806,027,511	27,411,54
		djustments :[10,496,663	·	10,496,863	_						
		D TOTALS : T	7,479,395,962	25,605,521,309	1,805,027,511	27,411,548,620							

Energy Cost (Rs.)	25,605,521,309	1,806,027,511	27,411,548,820
Cost not chargeable to DISCOs (Rs.)	672,796,791		672,796,791
EPP (Chargeable) (Rs.)	24,932,724,518	1,806,027,511	26,738,752,029
Energy Sold (KWh)	7,235,399,401	7,235,399,401	7,235,399,401
Avg. Rate (Rs./KWh)	3.4459	0.2496	3.6955
Reference. Rate (Rs./KWh)	2.4877		
FCA, Rate (Rs./KWh)	0.9582		

Reference. Rate (Rs./KWh)	2.487
FCA. Rate (Rs./KWh)	0.958



	ADJUSTED			Annex-II
	Source Wise Ger	neration		
		OCTOBER 2	2019	
Sources	Refer	rence	Actu	ની
	GWh	%	GWh	%
Hydel	3,763.78	35.44%	3,174.15	30.99%
Coal	1,581.50	14.89%	1,915.58	18.70%
HSD	-	0.00%	6.60	0.06%
RFO	-	0.00%	154.47	1.51%
Gas/ RLNG	1,775.66	16.72%	1,145.33	11.18%
RLNG	2,280.96	21.48%	2,851.04	27.83%
Nuclear	852.58	8.03%	714.56	6.98%
Import Iran	41.34	0.39%	40.56	0.40%
Mixed	5.98	0.06%	23.82	0.23%
Wind	173.73	1.64%	134.08	1.31%
Baggasse	83.88	0.79%	22.14	0.22%
Solar	60.73	0.57%	60.64	0.59%
Total	10,620.13	100.0%	10,242.98	100.09
Sale to IPPs		0.00%	(21.06)	-0.21%
Transmission Losses	(212.41)		(248.26)	-2.42%
Net Delivered	10,407.72	98.0%	9,973.66	97.37%

		OCTOBER	2019	
Sources	Refe	erence	Actu	al
	Mlns. Rs.	Rs./kWh	Mlns. Rs.	Rs./kWh
Hydel			-	
Coal	9,009.76	5.6970	11,128.50	5.8095
HSD	-	-	131.01	19.8361
RFO	-	-	1,017.61	6.5875
Gas	7,497.69	4.2225	7,674.80	6.7010
RLNG	20,731.62	9.0890	18,682.56	6.5529
Nuclear	858.40	1.0068	726.05	1.0161
Import Iran	436.15	10.5500	398.29	9.8210
Mixed	60.86	10.1801	129.36	5.4307
Wind	-	-		-
Baggasse	517.17	6.1659	132.42	5.9822
Solar	-			-
Total	39,111.65	3.6828	40,020.61	3.9071
Previous Adjustements / Supplemental Charges		-	855.22	0.0835
Sale to IPPs	-	-	(477.92)	(22.6974
Grand Total	39,111.65	3.6828	40,397.90	3.9440
Transmission Losses	-	0.0752	-	0.1065
Transmission Losses Net Total	39,111.65	3.7579	40,397.90	4.0505
	<u> </u>	<u></u>	ىلىدىنى بىرىمى بىرى	5

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	ADJUSTED			Annex-II
	Source Wise Gen	eration		
		NOVEMBER	2020	
Sources	Refere	ence	Actu	al
·	GWh	%	GWh	%
Hydel	3,873.46	45.62%	2,990.35	39.98%
Coal	1,520.64	17.91%	1,095.43	14.65%
HSD		0.00%	-	0.00%
RFO	-	0.00%	27.77	0.37%
Gas/ RLNG	1,425.70	16.79%	437.04	5.84%
RLNG	454.00	5.35%	1,913.99	25.59%
Nuclear	740.16	8.72%	663.30	8.87%
Import Iran	35.02	0.41%	33.45	0.45%
Mixed	14.57	0.17%	26.13	0.35%
Wind	106.47	1.25%	184.92	2.47%
Baggasse	271.06	3.19%	59.99	0.80%
Solar	48.74	0.57%	47.02	0.63%
Total	8,489.81	100.0%	7,479.40	100.0%
Sale to IPPs	-	0.00%	(24.92)	-0.33%

(110.36)

8,379.45

Transmission Losses

Net Delivered

(211.05)

7,243.42

98.7%

-2.82%

96.85%

	<u></u>	NOVEMBEI	R 2020	
Sources	Refe	rence	Actu	al
	Mlns. Rs.	Rs./kWh	Mlns. Rs.	Rs./kWh
Hydel		-		-
Coal	8,673.70	5.7040	6,479.37	5.9149
HSD	-	_	-	-
RFO	-	-	324.43	11.6816
Gas	5,146.62	3.6099	3,493.28	7.9930
RLNG	4,085.22	8.9983	12,446.69	6.5030
Nuclear	751.10	1.0148	677.98	1.0221
Import Iran	369.47	10.5500	326.38	9.7570
Mixed	148.33	10.1801	149.32	5.7149
Wind	-	-	_	
Baggasse	1,671.05	6.1650	358.89	5.9822
Solar	-	_	-	-
Total	20,845.48	2.4554	24,256.32	3.2431
Previous Adjustements / Supplemental Charges	-	_	10.50	0.0014
Sale to IPPs	-	-	(672.80)	(26.9957
Grand Total	20,845.48	2.4554	23,594.02	3.1545
Transmission Losses	-	0.0323	-	0.1028
Net Total	20,845.48	2.4877	23,594.02	3.2573
Y AL		2		X

To Be Published in <u>Official Gazette of Pakistan Part-II</u>

National Electric Power Regulatory Authority



NOTIFICATION

Islamabad, the January 8, 2020.

S.R.O. 1/2 (1)/2021: – Pursuant to Section 31(7) of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 as amended through Regulation of Generation, Transmission and Distribution of Electric Power (Amendment) Act 2011, the National Electric Power Regulatory Authority makes and notifies the adjustments on account of variations in fuel charges in the approved tariff of XWDISCOs. The following is the fuel charges adjustment for the months of October 2020 & November 2020 in respect of Ex-WAPDA Distribution Companies (XWDISCOs):

Description	October 2020	November 2020
Actual Fuel Charges Component	Rs.4.0505/kWh	Rs.3.2573/kWh
Corresponding Reference Fuel Charges Component	(Rs.3.7579/kWh)	(Rs.2.4877/kWh)
Fuel Price Variation for the month - Increase	Rs.0.2925/kWh	Rs.0.7696/kWh

Note: The Authority has reviewed and assessed increases of Rs.0.2925/kWh and Rs.0.7696/kWh in the applicable tariff for EX-WAPDA DISCOs on account of variation in the fuel charges for the months of October 2020 and November 2020 respectively as per the above details

2. The above adjustments increases of Rs.0.2925/kWh and Rs.0.7696/kWh for the months of October 2020 and November 2020 respectively will be applicable to all the consumer categories except lifeline consumers of all the XWDISCOs. The said adjustment shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the months of October 2020 & November 2020 by the XWDISCOs. XWDISCOs shall reflect the fuel charges adjustment in respect of October 2020 and November 2020 in the billing month of January 2021.

3. While effecting the Fuel Adjustment Charges, the concerned XWDISCOs shall keep in view and strictly comply with the orders of the courts notwithstanding this order.

(Syed Safeer Hussain) Registrar