

National Electric Power Regulatory Authority Islamic Republic of Pakistan

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No. NEPRA/R/TRF-100/MFPA/3/374—90

July 12, 2021

(Iftikhar Ali Khan)

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.
	Hussainabad, Hyderabad		
5.	Chief Executive Officer,	6.	Chief Executive Officer
	Lahore Electric Supply Company Ltd.		Multan Electric Power Co. Ltd.
İ	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
	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, 1st Floor, WAPDA House,
			Shami Road, Sakhi Chashma, Peshawar

Subject: Decision of the Authority in the matter of Fuel Charges Adjustment for the month of May 2021 for XWDISCOs along with Notification Thereof

Enclosed please find herewith copy of the decision of the Authority (09 pages) regarding adjustment in fuel charges in respect of Ex-WAPDA Distribution Companies for the month of May 2021 along with its Notification i.e. S.R.O. 917(I)/2021 dated 12.07.2021.

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)

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 MAY 2021 FOR EX-WAPDA DISCOS

- 1. 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 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 May 2021, necessary information as to the details of the actual fuel charges etc. was obtained from Central Power Purchasing Agency Guarantee Limited (CPPA-G).
- 3. The Authority has reviewed the information provided by CPPA-G seeking monthly fuel cost adjustment (FCA) and due diligence is done accordingly. From perusal of the information so provided by CPPA-G, the actual pool fuel cost for the month of May 2021 is Rs.5.8067/kWh, against the reference fuel cost component of Rs.5.9322/kWh as indicated in the Annexure-IV of the notified consumer-end tariff of Ex-WAPDA DISCOs for the FY 2019-20. The actual fuel charges, as reported by CPPA-G, for the month of May 2021 decreased by Rs.0.1255/kWh (Annex-I) as compared to the reference fuel charges.
- 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 an informed decision, the Authority decided to conduct a hearing in the matter. The advertisement for hearing along-with salient features and details of the proposed adjustments, in the approved tariff, were published in newspapers on June 18, 2021 and also uploaded on NEPRA's Website for information of all concerned stakeholders.
- 5. The Authority conducted the hearing in the matter on June 29, 2021 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.
- 6. On the date fixed for hearing, representatives from CPPA-G, National Power Control Center (NPCC), NTDC, Media and General Public were present. However, no representation was made 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 despite serving the hearing notice.
- 7. The Authority, from the data provided by CPPA-G, observed that fuel cost of certain 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 for the month of May 2021, as detailed below;

Power Producer	Energy kWh	Fuel Cost claimed by CPPA-G Rs.	Fuel Cost as per Authority's approved rates Rs.	Adjustment Rs.
Nandipur	185,492,000	2,122,817,221	2,118,828,743	(3,988,478)
Kenupp - PAEC K-2	845,778,000	768,475,820	598,248,739	(170,227,081)
Chine Hub Power (Pvt.) Ltd	888.658,100	5,710,321,696	5,649,377,273	(60,944,423)
Engro PowerGen Thar TPS	441,718,000	3,673,118,742	3,648,603,393	(24,515,349)
Total	2,161,646,100	12,274,733,478	12,015,058,149	(269,675,330)









- The Authority also observed that CPPA-G has purchased energy of 47.388 GWh from Tavanir Iran in May 2021 at a cost of Rs.527.316 million. Since, the Authority has recently retuned the request of CPPA-G for extension in the Contract between NTDC/CPPA-G and TAVANIR, Iran for Supply of 100 MW being not filed in accordance with the Import of Power Regulations, therefore, the cost of electricity purchased from Tavanir Iran is being allowed strictly on provisional basis, subject to its adjustment once the Authority approves the extension in the contract between NTDC/CPPA-G and Tavanir Iran. The cost being allowed on provisional basis is to avoid piling up of the cost and one time burdening of the consumers in future.
- 9. CPPA-G also claimed negative amount of Rs.23 million on account of previous adjustments for the month of May 2021, as detailed below.

Power Producer	Prev. Adj. Claimed by CPPA-G Rs.
	by CFFA-G Rs.
KAPCO	(655,691)
Hub Power	(40,213,398)
AES Lalpir	140,066
Pak Gen Power Limited	
Rousch	(190,618)
Saba Power	(16,114,736)
	(13,210,043)
Uch	675,542,735
Altern	(816,207)
Liberty	(99,486,193)
Chashma Nuclear	(690,772,026)
Chashma Nuclear-IV	(80,705,548)
Tavanir Iran	59,403,963
Atlas Power	5,702,675
Nishat Power	6,083,585
Foundation Power	(1,275,965)
Orient	(1,445,250)
Nishat Chunian	52,049,416
Saif Power	16,606,962
Engro Energy	(3,896,707)
Saphire Power	(813,524)
Hubco Narowal	6,313,702
Liberty Power	3,558,302
Halmore	4,620,543
Uch-II	(28,717)
JDW-II	122,436,492
1011 111	70 177 522
JDW-III	70,172,522
Hamza Sugar Mills	414,804,727
Almoiz Industries Limited	(355,888)
Chanaar Energy Limited	1,399,712
China Hub Power (Pvt.) Ltd	(577,135,980)
Engro PowerGen Thar TPS	254,865,786
Layyah Sugar Mills	11,574,906
QATPL	(68,152,200)
Haveli Bahadur Shah	(86,056,757)
Baloki	(46,083,405)
Port Qasim	(428,054)
Kanupp K-2	(==0,05 1)

Total (22,560,814)

10. Regarding Adjustment of Rs.4.6 million for Halmore Power plant for the month of March 2021, the Authority noted that CPPA-G in its working has used the Authority's approved FCC of February 2021, instead of March 2021. By accounting for the approved FCC of March 2021, the adjustment has been worked out as negative Rs.1.1 million, which has been deducted while working out the FCA of May 2021.







- 11. Here it is pertinent to mention that cost of energy purchased from KANNUP-PAEC (K-2), during the months of March and April 2021, was claimed by CPPA-G based on the approved FCC of Chashma power plant, as FCC of K-2, was not approved by the Authority at that time. As now the Authority has approved the interim FCC of K-2 @ Rs.0.9264/kWh, accordingly adjustment in Fuel Cost of K-2, claimed for the previous two months i.e. March and April 2021 has been made in the instant month. This has resulted in reduction in total cost by Rs.82.17 million.
- 12. Regarding adjustment of Rs.59.403 million for Tavanir Iran, no supporting documentary evidence has been provided, therefore, the claimed adjustment has not been accounted for while working out FCA of May 2021.
- 13. CPPA-G has claimed negative adjustment of Rs.577.135 million for China Hub Power plant for the period from May 2019 till April 2021. However, subsequently post hearing, CPPA-G revised the claimed as negative amount to Rs.669.459 million. The Authority based on the workings provided by CPPA-G has decided to account for the same in the FCA of May 2021.
- 14. CPPA-G has also claimed net positive adjustment of Rs.620.388 million for bagasse based power plants including Hamza Sugar Mill, JDW, Channar energy and Layyah Sugar mills. The Authority observed that although CPPA-G has provided its working in this regard, however, the same requires detailed reconciliation for all bagasse based power plants, in term of amounts already allowed viz a viz amounts verified by CPPA-G. Therefore, for the purpose of instant FCA the adjustments claimed by CPPA-G have not been considered. CPPA-G is directed to provide complete reconciliation of all bagasse based power plants in terms of cost allowed and cost verified by CPPA-G for the period from October 2018 till May 2021. Once the said reconciliations is submitted by CPPA-G, the Authority may consider to adjust the same in the subsequent FCA claims.
- 15. For the remaining previous adjustments and supplemental charges, the amounts claimed by CPPA-G have been considered while working out the FCA of May 2021.
- 16. As per the data submitted by CPPA-G, XWDISCOs purchased 16.387 GWh from Captive Power Plants (CPPs) during May 2021, for which CPPA-G provided actual details of energy purchased from these plants. According to the details provided by CPPA-G, the actual fuel cost of this energy is Rs.76.145 million. However, the same as per the NEPRA approved mechanism, works out as Rs.76.144 million, which has been considered while working out the FCA of May 2021.
- ► 17. During the hearing, the Authority also 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.11,502 million during the month of May 2021. 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 Economic Merit Order (EMO), showing hourly generation along-with the financial impact for deviation from EMO, if any, and the reasons, thereof. The Authority also directed CPPA-G/NPCC/NTDC in the monthly FCA of February 2021, as under;

I. System Operator shall report to CPPA-G, within 24hours, dispatch of generation plant(s) out of merit order along with reasons thereof. The copy of the report shall be sent to NEPRA simultaneously.





- II. CPPA-G shall scrutinize the above mentioned dispatch report in terms of Scheduling and Dispatch Code (SDC) of Grid Code and prepare a report which shall comprise of;
 - a. all dispatch deviation from merit order;
 - b. the plants available but not dispatched; and
 - c. Dispatch deviation justified or unjustified in terms of SDC of Grid Code along-with their financial impact.
- III. CPPA-G shall share the report with the system operator and also submit it to NEPRA at the time of filing of monthly fuel price adjustment request.
- 18. The Authority observed that the required data/information was submitted by CPPA-G along-with the monthly FCA data of May 2021, however, the same was not as per the requirements of the Authority. Accordingly, CPPA-G was directed to submit that the report as per the desired format for consideration of the Authority.
- NPCC/NTDC during the hearing, explained operation of power plants on RFO/HSD, however, the Authority observed that an in-house analysis has also been carried out, to work out the financial impact due to deviation from EMO based on the information submitted by NPCC. As per the in-house analysis/ workings carried out, the net amount deductible, on provisional basis, from the overall claim due to deviation from EMO due to underutilization of efficient power plants works out as Rs.354.29 million. The Authority has decided to deduct this amount provisionally in the instant FCA, until NPCC/NTDC and CPPA-G provide the required details along-with complete justification in this regard to the satisfaction of the Authority.
 - 20. In view of the above discussion, the Authority has calculated the fuel cost for the month of May 2021, 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.
 - 21. NTDCL, reported provisional T&T losses of 263.77 GWh i.e. 2.186% based on energy delivered on NTDCL system during May 2021, the same has however been verified as 2.1637%, therefore, for working out FCA of May 2021 T&T losses of 261.03 GWh have been considered.
 - 22. The Authority hereby directs CPPA-G to provide the Technically/Financially verified data of each generation company pertaining to previous month along-with its next monthly FCA request, in order to ensure that any required adjustments are made in a timely manner.
 - 23. The Authority, after incorporating the aforementioned adjustments, has reviewed and assessed decrease of (Rs.0.2644/kWh) (Annex-II) in the applicable tariff for XWDISCOs on account of variations in the fuel charges for the month of May 2021 as per the following details:

Actual Fuel Charge Component for May 2021	Rs.5.6678/kWh
Corresponding Reference Fuel Charge Component	Rs.5.9322/kWh
Fuel Price Variation for the month of May 2021-Decrease	(Rs.0.2644/kWh)









- 24. In view of the aforementioned, the Authority has decided that adjustment as referred in Para 23 above;
 - Shall be applicable to all the consumer categories except lifeline consumers, domestic consumers consuming up-to 300 units and Agriculture Consumers of all the XWDISCOs. It is hereby clarified that negative adjustment on account of monthly FCA is also applicable to the domestic consumers having Time of Use (ToU) meters irrespective of their consumption level.
 - b. The Authority in its decision dated 01.12.2020, in the matter of Motion filed by the Ministry of Energy (Power Division) with respect to recommendations of Support Package for additional consumption and abolishment of Time of Use Tariff Scheme for Industrial consumers of XWDISCOs, decided that;
 - Negative FCA would not be allowed to B1, B2 and B3 industrial consumers i.e. consumers paying Rs.8/kWh subsidized rate, on incremental sales, from 1st November 2020 to 30th June 2021.
 - Similarly B4 consumers, who are paying Rs.12.96/kWh for the incremental sales would also not be allowed the impact of negative monthly FCAs, till continuation of the instant package.
 - c. Shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of May 2021.
 - d. XWDISCOs shall reflect the fuel charges adjustment in respect of May 2021 in the billing month of July 2021; and

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.

AUTHORITY

Rehmatullah Balo

Member

Engr. Magsood Anwar Khan

Member

Rafique Ahmed

Member

Tauseef H. Faroog

Chairman

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

I								For the Month of Ma	I ZUZI						
.No.		Power Producers	Fuel	Dep. Capacity (MW)	Energy KWh	Fuel Charges Rs.	VORM Charges Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel Gost (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 (Rs.)
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ŀ		Jagran	Hydel	30			46,277,884	46,277,884	·	102,751,463	108,312	<u></u> .	· · · · · · · · · · · · · · · · · · ·	372,723,162 46,386,196	372,77 48,38
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- 1	iv.	Malakand-III SHYDO	Hydel	81			15,372,333	15,372,333	I	[]		l	15,372,333	15,31
ł	V	Leraib	Hydel	84 147	54,542,370 7 104,480,900		18,897,226	16,897,226		21,648,428	21,646,428			38,543,654	38,54
ŀ		Star Hydro Head Maralla	Hydel Hydel	14/	7 104,480,900 3,925,704		18,264,158	18,284,158	· · · · · · · · · · · · · · · · ·	5,268,538	5,266,538	· · · · · · · · · · · · · · · · · · ·		23,550,698	23,5
ı	viii.	Neelum Jhetum	Hydel	969	707,032,800			ł					····· ·· · · · · · · · · · · · · · · ·		<u></u>
- 1	ix.	Tarbela Ext. 4	Hydel	1,478			· · · · · · · · · · · · · · · · · · ·				 		· ··· · · · ·		
[x.	Mira Power Limited	Hydel	101	30,044,500		5,831,637	5,831,637						5,631,637	5,8
	xi	Daral Khwar	Hydel	37				L			I				
	xii.	Ranolia Hydel Total:	Hydel	17 9,872			322,634,937	*******							
	Ex-WAPD	A GENCOs		8,012	3,405,457,270	<u> </u>	322,034,937	322,634,937	-	165,835,730	165,835,730	•		488,470,867	488,4
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		Jamshoro Block 1	RFO	205			L				-				
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		Jamshoro Block 2 Unit-2	RFO	470	4			:			ļ · ·		· · · · · · · · · · · · · · · · · · ·		
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		Kotri 3-7	Gas	107								-			
		Jamehoro Block 4	Gas		20,944,000 {	409,787,354	1,937,320	411,724,874			t	····	409,787,354	1,937,320	411,7
- 1		Jamshoro Total		782		409,787,354	1,937,320	411,724,674					409,787,354	1,937,320	411,
	6,	GENCO-II *** Guddu GC Block 1 (OC)	Gas	208	195,551,900	1,588,859,188	13,473,526	1,602,332,714			·	-	1,588,859,188	13,473,526	1,602,
		Central Block 2 (CC)	Gas	390	195,551,900	1,588,859,188	13,473,528	1,802,332,714		<u>:</u> -			1,588,859,188	13,473,528	1,602,
		Guddu (OC) Block-2	Gas	530			-	1	l· · -		 				
		Block 3 (unit 3&4)	Gas		1 - 1				· ·	•					
		Guddu 747 (CC)	Gas	721		1,391,236,631	120,363,400	1,511,590,031				•	1,391,236,631	120,353,400	1,511,5
- 1	- 61	GENCO-III ***		1,641	429,565,900 46,436,166	2,980,095,819 984,855,153	133,826,926 8,399,313	3,113,922,745 973,054,466			<u> </u>		2,980,095,819	133,826,926	3,113,9
		Northern Block 1			40,400,100	894,033,133	0,388,313	973,034,466	-				964,655,153	8,399,313	973,0
		Unit 1	RFO	556	16,605,168	341,648,011	2,922,510	344,570,521		· · · · · · · · · · · · · · · · · · ·		··	341,648,011	2,922,510	344,5
_		Unit 2	RFO	330	14,004,273	292,038,107	2,484,752	294,502,859			1		292,038,107	2,464,752	294,5
2		Unit 3	RFO Gas		17,113,928 (395,924)	344,544,444 (4,134,041)	3,012,051	347,558,495			L :		344,544,444	3,012,051	347,5
		Unit 2	Gas		(307,600)	(3,254,132)	· · · · · · · · · · · · · · · · · · ·	(4,134,041) (3,254,132)	···· /	WER RE		····	(4,134,041) (3,254,132)		(4,1
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		Unit 3 Unit 1 Unit 2 Unit 2 Unit 2 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5	RLNG RLNG RLNG RLNG RLNG RSFO GAS RLNG RFO Gas RLNG RFO		(143,611)	(929,854)		(1,558,238)	- 13 - 1		2		(1,558,238)		(1.
		Unit 3 Unit 1 Unit 2 Unit 2 Unit 2 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6	RLNG RLNG RLNG RLNG RLNG RFO GAS RLNG RFO Gas RLNG RFO Gas			(929,854)			AL AL	THORIT	2		(929.854) (1,556.236) (1,599.452)		(1.
		Unit 3 Unit 1 Unit 2 Unit 2 Unit 3 Unit 3 Unit 3 Unit 3 Northern Block 2 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 3 Unit 5	RLNG RLNG RLNG RLNG RLNG RFO GAS RLNG RFO Gas RLNG RFO Gas RLNG RFO Gas RLNG	355	(143,611) (143,611)	(929,854)		(1,558,238)	AL AL		2		(929.854) (1,558,236) (1,599,452)		(1.
		Unit 3 Unit 1 Unit 2 Unit 2 Unit 2 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6	RLNG RLNG RLNG RLNG RLNG RFO GAS RLNG RFO Gas RLNG RFO Gas	355	(143,611)	(929,854) (1,558,238)		(1,558,238)	AL AL	THORIT	2		(929.854) (1,558,238) (1,599,452)		(1.
		Unit 3	RLMO RLING RLING RLING RLING RLING RLING RLING RLING RLING RRING	355	(143,611) (143,611)	(929,854)		(1.558,238)	AL AL	THORIT	2	· · · · · · · · · · · · · · · · · · ·	(1,558,236) (1,558,236)		(1.
		Unit 3 Unit 1 Unit 2 Unit 2 Unit 2 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 5 Unit 6 Block 5 Unit 6 Block 5 Unit 6 Block 5 Unit 6 Block 5 Unit 6 Block 7 Block 7 B	RLMO RLMG RLMG RLMG RFO GAS RLMG RFO Gas RLMG RFO Gas RLMG RFO Gas RLMG RFO Gas GAS RLMG RFO GAS	355 117 97	(143,611)	(1,559,452)		(1.558,238) (1.599,452)	AL AL	THORIT	2		(1,558,236) (1,558,236)		(1.
		Unit 3 Unit 1 Unit 2 Unit 2 Unit 2 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 4 Blochen Block 6 Blochen Block 6 Blochen Block 6 Blochen Block 6	RLMO RLING RLING RLING RLING RLING RLING RLING RLING RLING RRING	355 117 97 75 411	(143,611) (143,611) 1185,492,000	(929,854) (1,558,238) (1,559,452) (1,599,452)	107,828,500	(1.558,238) (1.598,452) 2,230,643,721	A THE BE	THORIT	2		(1,556,238) (1,556,238) (1,599,452) 2,122,817,221	107,426,500	(1.
	īv	Unit 3 Unit 1 Unit 2 Unit 2 Unit 2 Unit 3 Unit 1 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 4 Block 5 Unit 6 Block 7 Block 6 Block 7 Block 6 Block 7 Block 6 Block 7 Block 6 Block 7 Blo	RLMO RLMG RLMG RLMG RFO GAS RLMG RFO Gas RLMG RFO Gas RLMG RFO Gas RLMG RFO Gas GAS RLMG RFO GAS	355 117 97	(143,611) (143,611) 1185,492,000	(1,559,452)	107,828,500	(1.558,238) (1.599,452)	AL AL	THORIT	2		(1,558,236) (1,558,236)	107,826,500	
	, lv	Unit 3 Unit 1 Unit 2 Unit 2 Unit 2 Unit 3 Unit 2 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 8 Block 3 Unit 8 Block 3 Unit 8 Block 3 Unit 8 Block 3 Unit 8 Block 3 Unit 8 Block 3 Unit 8 Block 3 Unit 8 Block 3 Unit 8 Block 3 Unit 8 Block 5 Block 5 Block 5 Block 5 Block 5 Block 5 Block 6 Block 5 Block 5 Block 6 Block 5 Block 6 Block 5 Block 6 Block 5 Block 6 Block 5 Block 6 Block 5 Block 6 Block 5 Block 6 Block 5 Block 6 Block 5 Block 6 Block 5 Block 6 Block 5 Block 6 Block 5 Block 6 Block 5 Block 6 Block 5 Block 6 Block 6 Block 6 Block 6 Block 6 Block 6 Block 6 Block 7	RLMO RLMG RLMG RLMG RFO GAS RLMG RFO Gas RLMG RFO Gas RLMG RFO Gas RLMG RFO Gas GAS RLMG RFO GAS	355 117 97 75 411	(143,611) (143,611) 1185,492,000	(929,854) (1,558,238) (1,559,452) (1,599,452)	107,828,500	(1.558,238) (1.598,452) 2,230,643,721	A THE BE	THORIT	2		(1,556,238) (1,556,238) (1,599,452) 2,122,817,221	107,826,500	(1)
	iv	Unit 3 Unit 1 Unit 2 Unit 2 Unit 2 Unit 2 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 4 Unit 6 Block 5 Unit 6 Block 5 Unit 6 Block 5 Unit 6 Block 6 Blochem Block 8 Block 7 Block 2 B	RLNG RLNG RLNG RLNG RLNG RLNG RLNG RFO GAS RLNG RFO Gas RLNG RFO Gas RLNG RFO Gas RLNG RFO Gas RLNG RFO Gas RLNG RFO Gas RLNG RFO RLNG RFO RRNG RFO RRNG RRNG RRNG RRNG RRNG RRNG	355 117 97 75 411 1,884 31	(143,611) (143,611) (143,611) 185,492,000 231,928,766	(1,559,452) (1,559,452) (1,599,452) 2,122,817,221 3,087,472,374	107,628,500	(1.558,238) (1.598,452) 2.230,643,721 3,203,698,187	A THE BE	THORIT	2		(1,556,238) (1,556,238) (1,599,452) 2,122,817,221	107,826,500	(1)
	ŀv	Unit 3 Unit 1 Unit 2 Unit 2 Unit 2 Unit 3 Unit 2 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 8 Block 3 Unit 8 Block 3 Unit 8 Block 3 Unit 8 Block 3 Unit 8 Block 3 Unit 8 Block 3 Unit 8 Block 3 Unit 8 Block 3 Unit 8 Block 3 Unit 8 Block 5 Block 5 Block 5 Block 5 Block 5 Block 5 Block 6 Block 5 Block 5 Block 6 Block 5 Block 6 Block 5 Block 6 Block 5 Block 6 Block 5 Block 6 Block 5 Block 6 Block 5 Block 6 Block 5 Block 6 Block 5 Block 6 Block 5 Block 6 Block 5 Block 6 Block 5 Block 6 Block 5 Block 6 Block 5 Block 6 Block 6 Block 6 Block 6 Block 6 Block 6 Block 6 Block 7	RLNG RLNG RLNG RLNG RLNG RLNG RLNG RFO GAS RLNG RFO Gas RLNG RFO Gas RLNG RFO Gas RLNG RFO Gas RLNG RFO Gas RLNG RFO Gas RLNG RFO RLNG RFO RRNG RFO RRNG RRNG RRNG RRNG RRNG RRNG	355 117 97 75 411 1,884	(143,611) (143,611) (143,611) 185,492,000 231,928,766	(929,854) (1,658,238) (1,559,452) (1,599,452) 2,122,817,221 3,097,472,374	107,828,500	(1.558,238) (1.598,452) 2,230,643,721	A STORY ELE	THORIT	Y AUTO	-	(1,556,238) (1,556,238) (1,599,452) 2,122,817,221	107,828,500 116,225,813 251,990,059	
3	IPPs t	Unit 3 Unit 1 Unit 2 Unit 2 Unit 2 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 4 Blocthern Block 4 Blocthern Block 5 Block 5 Block 5 Block 5 Block 5 Block 5 Block 5 Block 5 Block 5 Block 7 Block 6 Block 6 Block 6 Block 6 Block 7 Block 6 Block 7 Block 6 Block 7 Block 6 Block 7 Block 6 Block 7 Block 6 Block 7	RLNG RLNG RLNG RLNG RLNG RFO GAS RLNG RFO GAS RUNG RRO GAS RUNG RFO GAS RLNG RFO GAS RLNG RLNG RFO GAS RLNG RLNG RO GAS RLNG RO GAS Coal	355 117 97 75 411 1,884 31	(143,611) (143,611) (143,611) 185,492,000 231,928,166	(1,558,238) (1,558,238) (1,599,452) 2,122,817,221 3,087,472,374	107,828,500 116,225,813	(1.558,238) (1.598,452) 2.230,643,721 3,203,698,187	A CHOMBILETE	THORIT	Y AUTO		(1,558,236) (1,559,452) (1,599,452) 2,122,817,221 3,087,472,374	116,225,813 - - 251,990,059	(1) (1) (1) (2) (2) (2) (3) (3) (4) (4) (5) (6) (7) (6) (7)
5 3	iPPs 1	Unit 3 Unit 1 Unit 2 Unit 2 Unit 2 Unit 2 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 4 Unit 6 Block 5 Unit 6 Block 5 Unit 6 Block 5 Unit 6 Block 6 Blochem Block 8 Block 7 Block 2 B	RLING RLING RLING RLING RLING RLING RLING RLING RRING	355 117 97 75 411 1,884 31	(143,611) (143,611) (143,611) 185,492,000 231,928,166 882,438,086	(1,558,238) (1,558,238) (1,599,452) (1,599,452) 2,122,617,221 3,087,472,374	107,828,500 116,225,813 251,990,059 55,435,472	(1,558,452) (1,598,452) (1,598,452) 2,230,643,721 3,203,698,187 6,729,345,806	A CHOMBILETE	THORIT	Y AUTO	-	(1,558,238) (1,558,238) (1,599,452) 2,122,817,221 3,087,472,374 8,477,355,647	116,225,813 - - 251,990,059 55,435,472	2,210, 3,203,
3	IPPs t	Unit 3 Unit 1 Unit 2 Unit 2 Unit 2 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 4 Blocthern Block 4 Blocthern Block 5 Block 5 Block 5 Block 5 Block 5 Block 5 Block 5 Block 5 Block 5 Block 7 Block 6 Block 6 Block 6 Block 6 Block 7 Block 6 Block 7 Block 6 Block 7 Block 6 Block 7 Block 6 Block 7 Block 6 Block 7	RLING RLING RLING RLING RLING RLING RLING RLING RLING RING RING RING RING RING RING RING R	355 117 97 75 411 1,884 31	(143,611) (143,611) (143,611) 185,492,000 231,929,769 682,438,069 71,405,584 158,403,071	(1,558,238) (1,558,238) (1,599,452) 2,122,817,221 3,087,472,374	107,826,500 116,225,813 251,990,059 55,435,472 70,894,826	(1.558,238) (1.598,452) 2.230,643,721 3,203,698,187	A CHOMBILETE	THORIT	Y AUX		(1,558,236) (1,559,452) (1,599,452) 2,122,817,221 3,087,472,374	116,225,813 - - 251,990,059	2,210, 3,203,
3	IPPs t	Unit 3 Unit 1 Unit 2 Unit 2 Unit 2 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 3 Unit 6 Block 4 Blocthern Block 4 Blocthern Block 5 Block 5 Block 5 Block 5 Block 5 Block 5 Block 5 Block 5 Block 5 Block 7 Block 6 Block 6 Block 6 Block 6 Block 7 Block 6 Block 7 Block 6 Block 7 Block 6 Block 7 Block 6 Block 7 Block 6 Block 7	RLING RLING RLING RLING RLING RLING RLING RING RING RING RING RING RING RING R	355 117 97 75 411 1,884 31	(143,611) (143,611) (143,611) 185,492,000 231,928,166 (882,438,086 71,405,584 158,403,071	(1,558,238) (1,558,238) (1,559,452) (1,599,452) 2,122,817,221 3,087,472,374 6,477,355,547 846,513,238 1,859,923,412 1,028,033,843	107,828,500 116,225,813 251,990,059 55,435,472 70,884,826	(1.558,238) (1.559,452) 2,230,643,721 3,203,698,187 6,729,345,806 901,945,708 1,930,818,238	A SOUTH ELE	THORIT	Y AUT	-	(1,559,236) (1,559,452) (1,599,452) 2,122,817,221 3,087,472,374 6,477,355,647 846,513,238 1,659,823,412 1,028,033,843	251,990,059 55,435,472 70,894,626	(1 (1 (5 2,230,1 3,203,1 5,729,2 901,1,930,1
		Unit 3 Unit 1 Unit 2 Unit 2 Unit 2 Unit 3 Unit 2 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 4 Unit 5 Block 4 Unit 5 Block 5 Unit 5 Block 5 Unit 5 Block 5 Unit 5 Block 5 Unit 5 Block 5 Unit 5 Block 5 Unit 5 Block 5 Unit 5 Block 5 Unit 5 Block 5 Unit 5 Block 5 Unit 5 Block 6 Blochem Block 8 Blochem Block 8 Blochem Block 8 Blochem Block 8 Blochem Block 8 Blochem Block 8 Blochem Block 8 Block 8 Blochem Block 8 Blochem Block 8 Blochem Block 8 Blochem Block 8 Blochem Block 8 Blo	RLING RLING RLING RLING RLING RLING RLING RFO GAS RLING RFO GAS RLING RFO GAS RLING RFO GAS RLING RFO GAS RLING RFO GAS RLING RFO GAS RLING RFO GAS RLING RFO GAS RLING RFO GAS RLING RFO GAS RLING RFO RFO RFO RFO RFO RFO RFO RFO RFO RFO	355 117 97 75 411 1,884 31	(143,611) (143,611) (143,611) 185,492,000 231,929,769 682,438,069 71,405,584 158,403,071	(929,854) (1,558,238) (1,559,452) (1,599,452) 2,122,817,221 3,087,472,374 8,477,355,547 846,513,238 1,859,923,412	107,826,500 116,225,813 251,990,059 55,435,472 70,894,826	(1.558,238) (1.598,452) (1.598,452) 2,230,643,721 3,203,698,187 6,729,345,806 901,848,708 1,930,818,238	(855,691)	THORIT	Y AUX		(1,558,236) (1,559,452) (1,599,452) 2,122,817,221 3,087,472,374 6,477,355,647 846,513,236 1,559,823,412	251,990,059 55,435,472 70,894,628	(1. (1. (1. (1. (1. (1. (1. (1. (1. (1.
		Unit 3 Unit 1 Unit 2 Unit 2 Unit 2 Unit 3 Unit 2 Unit 3 Unit 3 Unit 3 Unit 3 Unit 3 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 4 Block 2 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 3 Unit 5 Block 4 Unit 5 Block 4 Unit 5 Block 5 Unit 5 Block 5 Unit 5 Block 5 Unit 5 Block 5 Unit 5 Block 5 Unit 5 Block 5 Unit 5 Block 5 Unit 5 Block 5 Unit 5 Block 5 Unit 5 Block 5 Unit 5 Block 6 Blochem Block 8 Blochem Block 8 Blochem Block 8 Blochem Block 8 Blochem Block 8 Blochem Block 8 Blochem Block 8 Block 8 Blochem Block 8 Blochem Block 8 Blochem Block 8 Blochem Block 8 Blochem Block 8 Blo	RLING RLING RLING RLING RLING RLING RLING RING RING RING RING RING RING RING R	355 117 97 75 411 1,884 31	(143,611) (143,611) (143,611) 185,492,000 231,928,166 (882,438,086 71,405,584 158,403,071	(1,558,238) (1,558,238) (1,559,452) (1,599,452) 2,122,817,221 3,087,472,374 6,477,355,547 846,513,238 1,859,923,412 1,028,033,843	107,828,500 116,225,813 251,990,059 55,435,472 70,884,826	(1.558,238) (1.559,452) 2,230,643,721 3,203,698,187 6,729,345,806 901,945,708 1,930,818,238	A SOUTH ELE	THORIT	Y AUT		(1,559,236) (1,559,452) (1,599,452) 2,122,817,221 3,087,472,374 6,477,355,647 846,513,238 1,659,823,412 1,028,033,843	251,990,059 55,435,472 70,894,626	(1)

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	17 Appoilo Solar Park	16 UEPL Wind	4 5	12 Tapai Wind	10 Master Wind Power	9 Gui Ahmad Wind Power	7 Yourus Energy Ltd.,	6 Saphire Wind Power	4 TOF	3 FFCEL	- 1	Others	IPP a Total	31 Port Casim	30 Baloki	L	2/ Husneng Shandong Ruyl Energy (Pvl) Ctd 28 Gulf Power Gen	П	1	1 i	23 Engro PowerGen That TPS 24 Layyah Sugar Mills	1 :		H	15 RYK 17 Chiniot Power		13 Uch-II	12 Halmore	11 Liberty Power	!		& Engin Energy	7 Sail Power	N. T.	4 Foundation Power	(4)	1 Attack-Gen 2 Attas Power	ΙL	1:	2 3	17 Chashma Nuclear II	1	(!	ا_ا	10 Saba Power	8 Rousch	8 Southern Power 7 Habibuttah	A AES Lalpir 5 Pak Gen Power Limited	2 Hub Power 3 Kohinoor Energy	KAPCO Total	-	
	Solar	¥ind	Mind	Wind	Wind	Mind and	M	Mad a	M	MA.	2		Sub-Total:	Coal	RLNG	중	R C	HSO	R HS	RLNG	Coal	Coal	Bagasse	Bagasse	Bagasse	Bagasse	Gas	HSD	7 3	HSD	RCNG	Ges HS	RUG	HSD	RLNG	R C	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	unbort	Nuc!	Nuc Muc	Nuct	RLWG	9		88	E OF	0 P	87 O	8 8	HSD.	L	
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	15,372,800	29,510,784	14,125,330 14 576 185	11,168,880	16,267,352	14,667,620	14,561,910	14,833,720	13,770,800	12,908,130	15 000 354	0,010,010,000	5,704,958,562	559,560,800	404,501,900		729,035,100		791.949.900	711,505,000	441,718,000	888,658,100			9,729,850	17,478,850	257,916,869	68,153,661	77,194,045		97,399,050	73,485,391	88,701,484	14,518,575	83,821,568	48,829,830	25,447,234	2,670,518,988	845,778,000	232,742,000	160,465,000	112.500	128,930,300	373,118,260	29,029,005	80,880,090 97,024,813		98,120,000 76,210,400	9,431,800 28,833,000	450,226,398		
						-	-					07,014,100,031	50,086,869,489	4,052,508,188	3,784,439,006		7,070,746,323		7.218.984.071	6,742,385,782	3,673,118,742	5,710,321,898			1,889,349	104,550,012	1,832,793,898	766,249,733	1,074,795,847		938,213,234	617,706,171	1,008,385,356	318,003,585	785,454,525 940,176,387	610,607,807	365,237,152 769-234-026	17,525,311,142	768,475,820	277,553,182	181,164,985	78E 601	967,979,012	3,053,397,481	390,895,873	784,269,719 1,207,582,753		1,870,021,928 1,316,267,238	185,849,303 413,425,184	5,580,735,119		
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Ì			AHTUS	2072	7/	12/2/+		くらく	NEW PROPERTY.) -	-	11,109,070,001	52,895,755,484	4,156,138,848	3,891,573,953		7,203,722,325		7 468 131 500	7,108,241,853	4,146,242,892	6,158,872,392			2,132,426	117,379,768	1,919,402,381	806,344,532	1,194,639,502	11,773,025	986,460,634	127,813,972 655,301,297	1,060,328,947	326,197,867	969,027,776	679,359,928	401,585,981 855 902 480	18,263,820,843	768,475,820	İ	181,164,985		1,039,880,289	3,203,352,906	399,259,129	861,285,052 1,253,248,860		1,698,318,753 1,338,245,555	168,234,431 442,415,960	5,884,494,354		
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	72/	A TUDO TO	8	5	- XX		バラ	7		-	(410,000,55)	184,516,882	(428,054)	(46,083,405)			and an analysis of	DA 056 7571	(68,152,200)	254,665,788	(577,135,980)	(355,888)	414,804,727		70,172,522	(28,717)	4,620,543	3,558,302	(* 10,000)	(613.524)	(3,896,707)	16,606,962	53000	(1,275,965) (1,445,250)	6,083,585	\$ 702.675	(207,077,696)		(80.705.548)	(970,77,7069)	/690 779 0361	(99,486,193)	875,542,735	(13,210,043)	(18,114,736)		140,068 (190,618)	(40,213,398)	(655.691)		
				. .				-				-	(201, 152, 608)	(10,069)	(75,161,257)	•	• • •		MAS 270 424)	1 i possignari	(143,827,734)	106,820,087	12,929,792	4,812,970	169,214	9,250,005		• • • •	[0]			• • • •	- 109		(1,925)	(898)	(8.00)	(2,073,971)					(7,849) (320,381)	(545,049)	(287)	(2,259)	• •	(2,563)	(512,371) (71,759)	(509.088)		
						. .		1				(2,01,01)	(16,635,725)		(121,244,882)			7	722 354 1007	(68,152,200)	111,238,052	(470,315,894)	12,573,904	419,617,697	169,214	79,422,527	(28,717)	4,820,543	3,558,302	Je Leiterey)	(813.524)	(3,896,707)	16,606,962		(1,302,952)	! :	* On A 400	(209,151,667)		(80.705.548)	(920,77,026)	1600 772 0361	(823,856)	674,997,686	(13,210,330)	(2,259) (16,206,251)		137,503 (201,688)	(40,725,769) (71,759)	(1.164.779)		
	- 1															:	···									. : •									• •												• • • •			<u> </u>	_	
)					•							67,589,619,817	50,271,386,371	4,052,080,134	3,718,355,601		7,070,746,323	1,102,520,544	7 170 077 114	6,674,233,582	3,927,984,529	5,133,185,716	(355,888)	414,804,727	1,899,349	174,722,534	1,832,765,179	770,870,276	1,078,354,149	01 1/667 756	937 399 740	122,710,710 813,809,464	1,024,992,320	318,003,585	784,178,560 938,731,137	616,691,392	365,237,152	17,318,233,446	768,475,820	220,467,331	181,164,985	1000000	(816,207) 868,492,819	3,728,940,216	377,685,830	764,269,719		1,670,161,992 1,316,076,620	125,435,905 413,425,164	5 580 079 428		
	<u>.</u>		 		•			. .				3,344,169,098	2,607,733,368	103,620,591	51,973,690	•	132,976,002	1,000,217	117	365,865,871	329,496,416	553,370,783	12,929,792	4,812,970	402,291	22,079,761	86,808,485	40,094,799	119,843,765	11,773,025	AA 247 ROO	4,903,262 37,595,128	75,957,317 51,943,589	8,194,282	28,849,464	68,751,223	36,348,629	736,435,730					71,580,696	149,410,376	0,362,969	77.013,074 45.572.592		28,294,284	2,072,757	701 750 747		
												70,933,788,9	52,879,119,739	4,155,700,7	3,770,329,291		7,203,722,325	100,001,002,1	7 740 705 6	7,040,089,453	4,257,480,945		12,573,904	419,617,697	2,301,8	196,802,295	1,919,373,6	810,965,075	1,198,197,904	11,773,025	045 647 3	127,613,972	1,076,935,9	326,197,8	848,361,504 967,580,801	885,442,6	401,585,6	586,720,815 18,054,869,178	788,475,820	220,467,1	181,164,985		(823,856) 940,073,715	3,878,350,5	386,046,)	861,282,793 1 237 040 809		- ! - !	127,508,862 442,344,201	5 847 729 5	(Rs.)	Contract of the last

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

5.No.	Power Producers	Fuel	Dep. Capacity (MW)	Energy KWħ	Fuel Charges Rs.	VOEM Charges Rs.	EPP Billing month (Rs.)	Prev. Adjustment in Fuel Cost (Rs.)	Prev. Adjustment in VOSM (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		-			-			i		, 1,144
	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				L						
	25 TGT	Wind	50	15,803,375			L	L					-	
	26 TGS	Wind	50	15,708,838		·						-	-	
	27 Tricon Boston-A	Wind	50	21,615,458		·						<u> </u>	I	·
	28 Tricon Boston-8	Wind	50	20,895,012		-		· · · · · · · · · · · · · · · · · · ·		.	- · · · · · · · · · · · · · · · · · · ·	l		
	29 Tricon Boston-C	Wind	50	20,392,286				·				I		
	30 ZEPHYR Wind	Wind	50	18,521,664								.		
	31 Foundation Wind Energy-II (Pvt.) Limited	Wind		14,678,670										
	32 SPPs Sub-Total	Mixed	257	16,387,044	76,145,712	-	76,145,712		-			76,145,712		76,145,712
	G-Total:		1,897	486,138,253	76,145,712		76,145,712					78,145,712		76,145,712
	G-TOLAI:		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)	<u>-</u>	74,143,121,076	4,084,629,824	78,227,750,900
Summary 1	T 10000			3,465,457,270		322,634,937	322,634,937		405 005 700	185,835,730			 T	
	Conl			2,618,972,000	20,508,894,949	1,158,281,508	21,862,976,457	(322,698,248)	165,835,730 (36,817,716)		· ·		488,470,667	488,470,667
3			····	20,319,193	440,714,295	24.870.589	485.584.884	(322,000,240)	[30,611,119]	(359,515,964)		20,183,996,701	1,119,463,792	21,303,460,493
		ł	·	771,489,860	11.061.802.682	734,880,594	11,798,663,276	20,233,687	W 207 4041	40 070 400		440,714,295	24,870,569	465,584,864
	F.u.		ł ——	1,454,391,295	11,417,908,588	623,049,823	12,040,958,391	570,038,948	(1,297,191) (902,325)	18,936,496 569,136,621	· · · · · · · · · · · · · · · · · · ·	11,082,038,370	733,563,403	11,815,599,773
				2,828,551,746	28,415,421,585	1,226,956,628	29.642.378.213	(198,094,058)	(211,042,906)	(403,136,964)		11,987,947,514 28,217,327,527	622,147,498	12,610,095,012
	Nuclear		l	1,271,348,500	1,447,770,702	1,220,030,020	1,447,770,702	(771,477,574)	(211,042,300)	(771,477,574)	carrier Ann	676,293,128	1,015,913,722	29,233,241,249 676,293,128
	import from kan			47,388,400	527,316,852		527,318,852	59,403,963		59,403,963	- · · · · · ·	586,720,815	- -	
· · · · · · · · · · · · · · · · · · ·	Wind Power		· · · · — ·	403,212,039	527,510,032		321,310,032	55,403,503		39,403,963	<u>-</u>	380,720,813	·	588,720,815
	Solut	l · ·		66,539,170			-			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	l	<u>-</u>	
10	Bagasse	l		45,452,600	271.906,544	33,366,614	305,273,158	620,032,470	46,833,560	866,866,030		891,939,014	80,200,174	972,139,188
11	Mixed		1	16,387,044	78,145,712	35,300,014	76,145,712		-0,000,000			76,145,712	60,200,174	78,145,712
		Yotals For	The month	13,009,507,117	74,165,681,890	4,122,020,673	78,287,702,562	(22,580,814)	(37,390,649)	(59,951,663)		74,143,121,076	4,084,829,824	78,227,750,900
		Prev. Ad	ljustments :	,,	(22,560,814)	(37,390,849)	(59,951,663)	(22,000,014)		[00;001;000]		, -,1-0,121,010	7,044,025,024	10,221,100,000
			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 (RsJKWh)	(0.1255)







	ADJUSTED			Annex-II
	Source Wise Gen	eration		
		MAY 2	021	
Sources	Referen	ice	Actu	ıal
	GWh	%	GWh	%
Hydel	3,306.17	25.70%	3,465.46	26.64%
Coal	2,332.07	18.13%	2,618.97	20.13%
HSD	-	0.00%	20.32	0.16%
RFO	508.66	3.95%	771.49	5.93%
Gas/ RLNG	1,945.83	15.12%	1,454.39	11.18%
RLNG	3,624.86	28.17%	2,828.55	21.74%
Nuclear	543.61	4.23%	1,271.35	9.77%
Import Iran	52.43	0.41%	47.39	0.36%
Mixed	15.27	0.12%	16.39	0.13%
Wind	413.31	3.21%	403.21	3.10%
Baggasse	54.47	0.42%	45.45	0.35%
Solar	69.08	0.54%	66.54	0.51%
Total	12,865.77	100.0%	13,009.51	100.0%
Sale to IPPs	(18.30)	-0.14%	(19.28)	-0.15%
Transmission Losses	(278.91)	-2.17%	(261.03)	-2.01%
Net Delivered	12,568.56	97.7%	12,729.20	97.85%

Source wi	se Fuel Cost/Ene					
		MAY	2021			
Sources	Refere	nce	Actual			
	Mlns. Rs.	Rs./kWh	Mlns. Rs.	Rs./kWh		
Hydel	_	-	-	<u>-</u>		
Coal	17,500.30	7.5042	20,421.24	7.7974		
HSD	_	-	440.71	21.6896		
RFO	7,434.13	14.6150	10,707.51	13.8790		
Gas	15,868.61	8.1552	11,417.91	7.8506		
RLNG	32,492.08	8.9637	28,411.43	10.0445		
Nuclear	586.79	1.0794	1,277.54	1.0049		
Import Iran	606.69	11.5709	527.32	11.1276		
Mixed	100.61	6.5872	76.14	4.6466		
Wind	-	-	-	-		
Baggasse	336.09	6.1704	271.91	5.9822		
Solar	-	-	-	-		
Total	74,925.29	5.8236	73,551.72	5.6537		
Supplemental Charges	-	-	(882.61)	(0.0678)		
Sale to IPPs	(365.92)	-	(522.84)	(27.1173)		
Grand Total	74,559.36	5.7952	72,146.26	5.5457		
Transmission Losses	-	0.1370	-	0.1221		
Net Total	74,559.36	5.9322	72,146.26	5.6678		





To Be Published in Official Gazette of Pakistan Part-II

National Electric Power Regulatory Authority



NOTIFICATION

Islamabad, the July 12, 2021

S.R.O. (I)/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 adjustment in the approved tariff on account of variation in fuel charges for the month of May 2021 in respect of Ex-WAPDA Distribution Companies (XWDISCOs):

Fuel Price Variation for the month of May 2021 - (Decrease)	(Rs.0.2644/kWh)
Corresponding Reference Fuel Charges Component	Rs. 5.9322/kWh
Actual Fuel Charge Component for May 2021	Rs. 5.6678/kWh

Note: The Authority has reviewed and assessed a decrease of (Rs. 0.2644/kWh) in the applicable tariff for XWDISCOs on account of variation in the fuel charges for the month of May 2021 as per the above details.

- 2. The above adjustment, a decrease of (Rs. 0.2644/kWh), shall be applicable to all the consumer categories except lifeline consumers, domestic consumers consuming upto 300 units and agriculture consumers of all the XWDISCOs. It is hereby clarified that negative adjustment on account of monthly FCA is also applicable to the domestic consumers having Time of Use (ToU) meters irrespective of their consumption level.
- 3. The Authority in its decision dated 01.12.2020, in the matter of Motion filed by the Ministry of Energy (Power Division) with respect to recommendations of Support Package for additional consumption and abolishment of Time of Use Tariff Scheme for Industrial Consumers of XWDISCOs, decided that:
 - The negative FCA would not be allowed to BI, B2, and B3 industrial consumers i.e. consumers paying Rs.8/kWh subsidized rate on incremental sales, from 1st November 2020 to 30th June, 2021.
 - Similarly B4 consumers, who are paying Rs.12.96/kWh for the incremental sales would also not be allowed the impact of negative monthly FCAs, till continuation of the instant package.
- 4. The said adjustment shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of May 2021 by the XWDISCOs. XWDISCOs shall reflect the fuel charges adjustment in respect of May 2021 in the billing month of July 2021.

5. 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.

(Iftikhar Ali Khan)

Registrar