## National Electric Power Regulatory Authority Islamic Republic of Pakistan

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Registrar

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No. NEPRA/R/TRF-362/K-Electric-2016/ 12312-16

July 7, 2022

Chief Executive Officer K-Electric Limited (KEL) KE House, Punjab Chowrangi, 39 – B, Sunset Boulevard, Phase-II Defence Housing Authority, Karachi.

## Subject: Decision of the Authority in the matter of Monthly Fuel Charges Adjustments of K-Electric Limited for the month of May 2022 and Notification (S.R.O. 1005(1)/2022 dated 07.07.2022) Thereof

Enclosed please find herewith a copy of decision of the Authority (09 Pages) in the matter of fuel charges adjustment for the month of May 2022 in respect of K-Electric Limited, along with Notification (S.R.O.  $0 \sigma S$  (I)/2022 dated 07.07.2022) thereof. This is for information and further necessary action.

2. While reflecting the Fuel Adjustment Charges, K-Electric Ltd. shall keep in view and strictly comply with the orders of the court(s), if any, notwithstanding this order.

Enclosure: <u>As above</u> (Decision along Notification is also available on NEPRA's website)

(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. Secretary, Privatization Commission, 4<sup>th</sup> Floor, Kohsar Block, Constitution Avenue, New Secretariat, Islamabad

## DECISION OF THE AUTHORITY IN THE MATTER OF MONTHLY FUEL CHARGES ADJUSTMENTS OF K-ELECTRIC LIMITED FOR THE MONTH OF MAY 2022

1. Pursuant to the provisions of Section 31(7) of the Regulation of Generation, Transmission and Distribution of Electric Power Act 1997, and as per the mechanism for monthly, quarterly and annual adjustments provided in the tariff determination of K-Electric Limited (herein referred to as "K-Electric or KE") dated July 05, 2018, duly notified in the official Gazette vide SRO No. 576(I)/2019 dated May 22, 2019, the Authority has to review and revise the approved tariff on account of monthly, quarterly and annual adjustments.

2. As per the mechanism provided in the determination, impact of change in KE's own generation fuel cost component due to variation in fuel prices, generation mix & volume shall be passed on to the consumers directly in their monthly bills in the form of Fuel Charges Adjustment (FCA). Similarly, impact of change in the fuel component of Power Purchase Price (PPP) due to variation in fuel prices & energy mix shall also be passed on to consumers through monthly FCA.

3. However, the impact of monthly variations in million rupees in K-Electric's own generation's fuel cost component as well power purchase price to the extent of targeted T&D losses, not taken into account in the monthly FCAs, shall be adjusted on quarterly basis.

4. Pursuant to notification of the determined MYT, K-Electric filed its initial monthly FCA request for May 2022 and, later, revised as under;

Monthly FCA				
Month	Month Mln Rs. Rs./kWh			
May-22	22,649	11.337		

## Hearing

5. Since the impact of any adjustments has to be made part of the consumer end tariff, therefore, the Authority, in order to provide an opportunity of hearing to all the concerned and meet the ends of natural justice, decided to conduct a hearing in the matter.

6. The Authority scheduled hearing in the matter of FCAs of K-Electric for the month of May 2022 on July 04, 2022 through ZOOM. Notices in this regard were published in the newspaper on June 23, 2022 and also uploaded on NEPRA's website along-with adjustment requests filed by K-Electric.

7. Following issues were framed for discussion during the hearing;



- i. Whether the requested Fuel Price Variation is justified?
- ii. Whether K-Electric has followed the merit order while giving dispatch to its power plants as well as power purchases from external sources?

8. The hearing was attended by CEO K-Electric along-with its financial and technical team. Representatives from Media and General Public also attended the hearing. KE in its request has submitted that the calculation for the month of May 2022 is based on CPPA-G's requested rate for May 2022 and it is subject to adjustment based on the determination for May 2022 to be issued by NEPRA.

9. The Authority noted that the Power purchase agreement was signed between NTDCL and K-Electric on January 26, 2010 for five years for sale/purchase of 650 MW on basket rates. Subsequently, a decision was made by the Council of Common Interest (CCI) in its meeting held on November 08, 2012 with respect to the modalities for withdrawal of electric power from NTDCL by the Petitioner, wherein it was decided to reduce the supply of energy by 300MW from NTDCL to K-Electric. However, the aforementioned decision of the CCI has been impugned by way of suits /petitions by K-Electric in the Honorable High Court of Sindh at Karachi. No new agreement has been signed between K-Electric and NTDCL till date, and K-Electric is continuing to draw energy from the National Grid, which at present is around 1100 MW.

10. K-Electric, in its adjustment requests, has certified that it despatches as per Economic Merit Order from its own generation units (with the available fuel resources) and import from external sources. It also certified that the cost of fuel and power purchase claims do not include any amount of late payment surcharge/mark-up/interest.

11. K-Electric provided the plant wise generation statistics sheet, signed by K-Electric employees. The plant wise statistic sheets provide information in terms of Plant Capacity, Actual Units Generated, Actual Auxiliary consumption, Net Generation and Bus Bar sent outs, Actual Heat Rates, fuel consumption & cost of Fuel and Generation cost per unit. In addition K-Electric also provided copies of invoices raised by Fuel Suppliers and copies of invoices raised by IPPs.

12. The Authority based on the information, data and record provided by K-Electric, has analyzed the FCA claim of K-Electric and issue wise discussion is given hereunder;



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## Issue: Whether the requested Fuel price variations are justified?

## **K-Electric Own Generation**

13. In order to verify the generation numbers reported by K-Electric, the Authority analyzed the plant wise generation statistics sheet, provided by K-Electric. The sheet provided information in terms of plant capacity, actual units generated, actual auxiliary consumption, net generation and bus bar sent outs, actual heat rates, fuel consumption & cost of fuel and generation cost per unit. While going through the data / information provided by K-Electric regarding fuel cost of energy from its own power plants, the Authority's observations are as under;

14. K-Electric, as required under the MYT, carried out heat rate test of KCCPP. Pursuant thereto, the Authority, in its decision dated 02.09.2020 decided as under;

*"i. For the period from July 2016 to May 2019, the heat rate i.e. 8,250.06 Btu/kWh - net HHV, corresponding to 41.36% efficiency is approved with no further adjustment for degradation and partial loading allowed.* 

*ii. For the period from June 2019 to June 2023, the heat rate i.e. 8,377.032 Btu/kWh - net HHV, corresponding to 40.732% efficiency is approved. This heat rate will be applicable for the control period on flat basis, without any additional adjustment for other parameters.* 

*iii. KE is required to conduct maintenance including Major Overhaul of its plants / units as per prudent utility practices and recommendations of OEM.* 

*iv. In case of non-requirement of Gas compressors - the relevant capacity and Heat rates would be adjusted. For such a scenario, relevant capacity and heat rates calculated during the present tests would be used.*"

15. K-Electric, although has filed a motion for leave for review against the Authority's decision dated 02.09.2020, however, the same has not yet been decided by the Authority. Therefore, for the purpose of instant adjustment K-Electric has used the heat rate of 8,377 BTU/kWh, as allowed in the decision dated 02.09.2020.

16. The Authority observed that K-Electric has requested an amount of Rs.2,629 million for operation of KCCPP on HSD during May 2022. The Authority for the purpose of instant adjustment has provisionally considered the same amount i.e. Rs.2,629 million, as requested by K-Electric, based on heat rate of 7,950.183 btu/kWh (at 100% as given in Heat Rate report by IE), with same CV of HSD and auxiliaries as reported by KE. Any adjustment, once the Authority approves the heat rate / Auxiliaries of KCCPP on HSD, and on account of CV would be adjusted subsequently along-with cost allowed previously.



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17. For KGTPS and SGTPS plants, pursuant to the heat rate tests conducted by K-Electric, the Authority approved the following Heat Rates for these plants vide decisions dated 18.01.2021, against the already allowed Heat Rates of 8,738 for KGTPS and 8,746 for SGTPS in the MYT;

#### Heat Rate for July 2016 ~ June 2019 Requested by KE:

lant	Net HHV Heat Rate	Corresponding
	(Btu/kWh) at RSC	Efficiency
GTPS	92761	36.78%

Allowed:

Plant	Net HHV Heat Rate (Btu/kWh) at RSC		Corresponding Efficiency
	100% loading	9041.66	37.74%
KGTPS	75% loading	9092.66	37.527%

Heat Rate for July 2019 -June 2023

Requested by KE:

Plant	Net HHV Heat Rate (Btu/kWh) at RSC	Corresponding Efficiency
KGTPS	9276'	36.78%

1. Average of 7 year Heat Rate (FY 2017-23) corresponding to 50% loading (2 sections in CC mode)

Allowed:

Plant	Net HHV Heat Rate (Btu/kWh) at RSC		Corresponding Efficiency
	100% loading	9048.22	37.71%
KG1PS	75% loading	9099.212	37.499%

#### Heat Rate for July 2016 - June 2019

Requested by KE;

Plant	Net HHV Heat Rate (Btu/kWh) at RSC	Corresponding Efficiency
SGTPS	92641	36.83%

1. Average of 7 year Heat Rate (FY 2017-23) corresponding to 50% loading (2 sections in CC mode)

Allowed:

Plant	Net HHV Heat Rate (Btu/kWh) at RSC		Corresponding Efficiency
	100% loading	9045.93	37.72%
SGTPS	75% loading	9064.794	37.642%

Heat Rate for July 2019 -June 2023

#### Requested by KE:

Plant	Net HHV Heat Rate (Btu/kWh) at RSC	Corresponding Efficiency
SGTPS	92641	36.83%

1. Average of 7 year Heat Rate (FY 2017-23) corresponding to 50% loading (2 sections in CC mode)

#### Allowed:

Plant	Net HHV Heat Rate (Btu/kWh) at RSC		Corresponding Efficiency
	100% loading	9077	37,59%
SGTPS	75% loading	9095.92	37.512%





18. K-Electric filed review motions against the above decisions for both KGTPS and SGTPS. The Authority vide decision dated 05.11.2021 dismissed the review Motion in the matter of KGTPS. In view thereof, and keeping in view the loading position of KGTPS in the current month the heat rate of 9,094BTU/kWh is allowed to KGTPS. For SGTPS, since the Review Motion has not yet been decided, therefore, heat rates / Auxiliaries as allowed in the MYT determination have been used being on the lower side. Here it is pertinent to mention that in case of any subsequent revision in the heat rates of SGTPS, on the basis of Review motion filed by K-Electric, the impact of the same would be adjusted in the subsequent tariff adjustments of K-Electric.

19. For BQPS-I, K-Electric has conducted the heat rate test, which has been decided by the Authority, the adjustment has been made based on the approved Heat Rate.

20. Regarding GIDC, K-Electric submitted that installment of GIDC arrears amounting to Rs.762 million per month in being billed by SSGC as per Supreme Court order dated 02.11.2020. However, NEPRA in its FCA decision for the month of June 2021 considering the fact that K-Electric has obtained stay order from the honorable SHC in the matter, decided not to allow any amount on account of GIDC till final decision by the honorable SHC in the matter. K-Electric accordingly stated that GIDC for the current month will be claimed as per the final decision of the honorable SHC in the matter.

21. The generation reported by K-Electric in its adjustment requests have been checked from the plant wise generation statistics sheet; the units sent out have been worked out based on the Authority's allowed Auxiliaries. The units sent out so worked out are in agreement with the sent outs claimed by K-Electric in its adjustment requests.

## Power Purchase Price- Fuel Cost

22. While going through the data / information provided by K-Electric regarding fuel cost of energy purchased from external sources, the Authority's observations are as under;

23. The Authority observed that K-Electric has been directed to provide CV test reports for both Tapal and Gul Ahmed. KE has submitted certain reports in this regard which were reviewed and considered by the Authority. In view thereof, for the purpose of current month FCA, the supplier's CVs have been considered for adjustment of Tapal. This has resulted in provisional negative adjustment of Rs.12.55 million for Tapal.



24. Regarding cost of energy purchased from CPPA-G during the current month, K-Electric has used the rate of Rs.13.8969/kWh, however, the Authority's approved fuel cost component, in the matter of XWDISCOs, for the current month is Rs.13.8362/kWh. In view thereof, while working out the instant FCA of K-Electric, rate approved by the Authority for XWDISCOS for the month under review has been incorporated for the energy purchased by K-Electric from CPPA-G during the month under review. This has resulted in decrease in total fuel cost by around Rs.46 million.

25. The Authority vide decision dated 04.06.2021, based on the Heat Rate tests conducted for SNPC and SNPC-II, revised their net capacities and Heat Rates. The Authority revised the net capacity and Heat Rate of SNPC-I as 51.154 MW and 8194.25 Btu/kWh - net HHV equivalent to 41.90% efficiency. Similarly, net capacity and Heat Rate of SNPC-II have been revised as 51.526 MW and 8143.699 Btu/kWh - net HHV equivalent to 41.64% efficiency. The Authority afterwards vide decision dated 21.09.2021, granted interim relief to SNPC and SNPC-II, in relevant tariff components i.e. Fuel Cost components and Capacity charge components of generation tariff, on account of revision in heat rates and net capacities. As per the decision dated 21.09.2021, FCC of both SNPC and SNPC-II have been revised as Rs.4.0971/kWh and Rs.4.0718/kWh respectively, based on the revised heat rates and reference gas price of Rs.500/MMBTU.

26. Here it is also pertinent to mention that the Authority determines the FCC of SNPC and SNPC-II, as & when required, owing to change in gas prices. KE in its request has claimed FCCs of Rs.6.6994/kWh in line with the decision dated 20.11.2020 for both SNPC and SNPC-II, based on gas price of Rs.857/MMBTU but with old heat rates i.e. heat rates prior to heat rate tests. Accordingly, for working out the FCA of May 2022, the Authority has used FCC of Rs.6.6994/kWh for both SNPC and SNPC-II, as approved vide decision dated 20.11.2020. Any adjustment in this regard would be made subsequently.

27. Here it is pertinent to mention that the Authority in its FCA decision directed KE to provide details of Net Metering Units purchased along with its FCA claim. KE in compliance has provided information regarding Net Metering units purchased, along with the FCA request of May 2022. As per the working of KE, it has calculated a loss of Rs.27.39 million because of Net Metering. The Authority observed that KE is receiving excess Net Metering units which become part of its power purchase. Keeping in view the fact that the quantum of Net Metering has reached a reasonable size and the power purchase cost of KE has increased exponentially as compared to the units purchased through Net Metering, the Authority has decided to include both the units purchased by KE through Net Metering along with its cost in the FCA



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being in the interest of the consumers. Keeping in view, that KE has Net purchased 1.42 GWh at a cost of Rs.18.37 million the same has been made part of instant FCA decision.

28. KE in its FCA request has requested an amount of Rs.3,276 million on account of operation of BQPS III and reported 49.082 GWh as units sent out.

29. K-Electric was directed to provide information on whether the energy from BQPS III in the month of May 2022 is for the period under testing, commission or otherwise. K-Electric, vide email dated 29.06.2022 submitted that the energy generated from BQPS-III during May 2022, pertains to the commissioning and testing phase. In view thereof and in line with the earlier decision of the Authority in this regard, in the monthly FCA of March 2022, the cost of energy generated from BQPS-III has been deducted.

30. Here it is pertinent to mention that K-Electric vide letter June 17, 2022, has requested the Authority to reconsider its decision of the Authority in the matter of deduction of cost related to BQPS III. In view thereof the Authority has decided to deduct the amount on provisional basis.

# Issue: <u>Whether K-Electric has followed the merit order while giving dispatch to its power</u> plants as well as power purchases from external sources?

31. The Authority carried out an in-house analysis of the data provided by K-Electric for the subject month, to work out the financial impact due to deviation from EMO.

32. In this regard, Rs.5 million is being deducted on account of operation of BQPS unit 1 at minimum load of 100 MW. Whereas, it has been observed that other Units of BQPS I can operate at 90 MW or lower. When enquired, KE informed that due to damaged high pressure heater the Unit 1 cannot operate below 100 MW. It is to be noted that KE should have repaired the damaged heater within time to avoid a financial burden on consumers of KE, therefore the same amount is withheld.

33. **Moreover**, it was observed that despite possible cheaper generation on HSD, at certain instances generation was not taken on HSD. As per KE, there was shortage of HSD in the country and KE was trying to avoid load shedding during night time and peak hours, therefore, it underutilized HSD at certain instances to conserve HSD fuel. When enquired about conserving RFO instead of HSD, KE did not provide a satisfactory response. It is to be noted that the financial impact due to shortage of HSD and out of merit operation from RFO sources has been calculated and the same is withheld from KE's claim unless a satisfactory response is



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received from KE's side. Accordingly, an amount of Rs. 275 million has been withheld from the claim of KE on account of out of merit generation from RFO instead of cheaper generation on HSD.

34. In view of the above, an amount of Rs.280 million has been withheld from the FCA claim of KE for the month of May 2022.

35. In view of the aforementioned discussion and after incorporating the above adjustments, the Authority has decided to allow the following positive FCA for the month of May 2022, to be passed on to the consumers in their monthly bills of July & August 2022;

Own Generation   Rs. Mln   16,092   35,791     Fuel Cost   Deviation from EMO   Rs. Mln   11,409   17,271     Deviation from EMO   Total   Rs. Mln   11,409   17,271     Coving Generation   Rs. Mln   (2)   (280)     Total   Rs. Mln   27,499   52,782     Total Units   Own Generation   GWh   591   963     Total   Total   GWh   1,038   1,037     Fuel Cost Component (FCC)   Own Generation   Rs./kWh   9.8796   17.9022     Fuel Cost Component (FCC)   Own Generation from EMO   Rs./kWh   7.0043   8.6385     Deviation from EMO   Rs./kWh   16.8827   26.4006     Fuel Charges Adjustment   Own Generation   Rs./kWh   8.0226     Fuel Charges Adjustment   Own Generation   Rs./kWh   1.6342     (FCA)   Deviation from EMO   Rs./kWh   9.5180				Reference	Revised
External Purchases Rs. Mln 11,409 17,271   Deviation from EMO Total (2) (280)   Total Rs. Mln 27,499 52,782   Total Units Own Generation GWh 591 963   Fuel Cost Component (FCC) Own Generation GWh 1,038 1,037   Fuel Cost Component (FCC) Own Generation Rs./kWh 9.8796 17.9022   Deviation from EMO Rs./kWh 7.0043 8.6385   Deviation from EMO Rs./kWh 7.0043 8.6385   S./kWh Total Rs./kWh 16.8827 26.4006   Fuel Charges Adjustment Own Generation Rs./kWh Rs./kWh 1.6342   Fuel Charges Adjustment Own Generation Rs./kWh 1.6342   Deviation from EMO Rs./kWh 1.6342   Rs./kWh 9.5180 1.6342	Description		Unit	<u>Mar-22</u>	<u>May-22</u>
External Purchases Rs. Mln 11,409 17,271   Deviation from EMO Total (2) (280)   Total Rs. Mln 27,499 52,782   Total Units Own Generation GWh 591 963   Fuel Cost Component (FCC) Own Generation GWh 1,038 1,037   Fuel Cost Component (FCC) Own Generation Rs./kWh 9.8796 17.9022   Deviation from EMO Rs./kWh 7.0043 8.6385   Deviation from EMO Rs./kWh 7.0043 8.6385   S./kWh Total Rs./kWh 16.8827 26.4006   Fuel Charges Adjustment Own Generation Rs./kWh Rs./kWh 1.6342   Fuel Charges Adjustment Own Generation Rs./kWh 1.6342 1.6342   Fuel Charges Adjustment Deviation from EMO Rs./kWh 1.6342   Mathematical Purchases Rs./kWh 9.5180 1.6342			_		
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Deviation from EMO Total   (2)   (280)     Total   Rs. Min   27,499   52,782     Total Units   Own Generation External Purchases   GWh   591   963     Fuel Cost Component (FCC)   Own Generation External Purchases   GWh   1,038   1,037     Fuel Cost Component (FCC)   Own Generation External Purchases   Rs./kWh   9.8796   17.9022     Fuel Charges Adjustment (FCA)   Own Generation External Purchases   Rs./kWh   9.8796   10.0012     Fuel Charges Adjustment   Own Generation External Purchases   Rs./kWh   8.0226     Fuel Charges Adjustment   Own Generation External Purchases   Rs./kWh   1.6342     Deviation from EMO (FCA)   Total   Rs./kWh   9.5180	Fuel Cent	External Purchases	Rs. Mln	11,409	17,271
Own Generation   GWh   591   963     Total Units   External Purchases   GWh   1,038   1,037     Total   GWh   1,629   1,999     Fuel Cost Component (FCC)   Own Generation   Rs./kWh   9.8796   17.9022     External Purchases   Rs./kWh   9.8796   17.9022     Deviation from EMO   Rs./kWh   7.0043   8.6385     Deviation from EMO   Rs./kWh   (0.0012)   (0.1401)     Rs./kWh   16.8827   26.4006     Fuel Charges Adjustment   Own Generation   Rs./kWh   8.0226     Fxernal Purchases   Rs./kWh   1.6342     Own Generation   Rs./kWh   1.6342     Fuel Charges Adjustment   Own Generation   Rs./kWh   1.6342     Internal Purchases   Rs./kWh   9.5180   1.6342	ruerCost	Deviation from EMO		(2)	(280)
Total Units   External Purchases Total   GWh   1,038   1,037     Fuel Cost Component (FCC)   Own Generation External Purchases Deviation from EMO Total   Rs./kWh   9.8796   17.9022     Fuel Cost Component (FCC)   External Purchases Deviation from EMO Total   Rs./kWh   9.8796   17.9022     Fuel Charges Adjustment (FCA)   Own Generation External Purchases Deviation from EMO Total   Rs./kWh   8.0226     Rs./kWh   External Purchases (0.1388)   Rs./kWh   8.0226     Fuel Charges Adjustment (FCA)   Deviation from EMO Total   Rs./kWh   9.5180		Total	Rs. Mln	27,499	52,782
Total Units   External Purchases Total   GWh   1,038   1,037     Fuel Cost Component (FCC)   Own Generation External Purchases Deviation from EMO Total   Rs./kWh   9.8796   17.9022     Fuel Cost Component (FCC)   External Purchases Deviation from EMO Total   Rs./kWh   9.8796   17.9022     Fuel Charges Adjustment (FCA)   Own Generation External Purchases Deviation from EMO Total   Rs./kWh   8.0226     Rs./kWh   External Purchases (0.1388)   Rs./kWh   8.0226     Fuel Charges Adjustment (FCA)   Deviation from EMO Total   Rs./kWh   9.5180			_		
Total   GWh   1,629   1,999     Fuel Cost Component (FCC)   Own Generation External Purchases Deviation from EMO Total   Rs./kWh   9.8796   17.9022     Skith   Skith   Rs./kWh   7.0043   8.6385     Deviation from EMO Total   Rs./kWh   (0.0012)   (0.1401)     Rs./kWh   I6.8827   26.4006     Fuel Charges Adjustment (FCA)   Own Generation External Purchases Deviation from EMO Total   Rs./kWh   8.0226     Rs./kWh   I.6342   Rs./kWh   16.342     Strength   Total   Rs./kWh   9.5180		Own Generation	GWh	591	963
Own GenerationRs./kWh9.879617.9022External PurchasesRs./kWh9.879617.9022External PurchasesRs./kWh9.879617.9022Deviation from EMORs./kWh9.879617.9022Deviation from EMORs./kWh7.00438.6385Deviation from EMORs./kWh16.882726.4006Fuel Charges AdjustmentOwn GenerationRs./kWh8.0226Rs./kWh8.0226Fuel Charges AdjustmentOwn GenerationRs./kWh8.0226Rs./kWh8.0226Rs./kWh8.0226Rs./kWh8.0226Poviation from EMORs./kWh9.5180	Total Units	External Purchases	GWh	1,038	1,037
Fuel Cost Component (FCC)External Purchases Deviation from EMO TotalRs./kWh7.00438.6385 (0.0012)Fuel Charges AdjustmentOwn Generation External Purchases Deviation from EMORs./kWh8.0226 Rs./kWhFuel Charges AdjustmentOwn Generation External Purchases Deviation from EMORs./kWh8.0226 Rs./kWhFuel Charges AdjustmentOwn Generation External Purchases Deviation from EMORs./kWh8.0226 Rs./kWhFuel Charges AdjustmentOwn Generation External Purchases Deviation from EMORs./kWh9.5180	L	Total	GWh	1,629	1,999
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Deviation from EMORs./kWh(0.0012)(0.1401)TotalRs./kWh16.882726.4006Fuel Charges AdjustmentOwn GenerationRs./kWh8.0226External PurchasesRs./kWh1.6342(FCA)Deviation from EMORs./kWh(0.1388)TotalRs./kWh9.5180	Fuel Cent Component (ECC)	External Purchases	Rs./kWh	7.0043	8.6385
Fuel Charges AdjustmentOwn Generation External Purchases Deviation from EMO TotalRs./kWh8.0226 Rs./kWhRs./kWh1.6342 (0.1388) Rs./kWhTotalRs./kWh	ruer Cost Component (FCC)	Deviation from EMO	Rs./kWh	(0.0012)	(0.1401)
Fuel Charges AdjustmentExternal PurchasesRs./kWh1.6342(FCA)Deviation from EMORs./kWh(0.1388)TotalRs./kWh9.5180		Total	Rs./kWh	16.8827	26.4006
Fuel Charges AdjustmentExternal PurchasesRs./kWh1.6342(FCA)Deviation from EMORs./kWh(0.1388)TotalRs./kWh9.5180			_		
Deviation from EMORs./kWh(0.1388)TotalRs./kWh9.5180		Own Generation	Rs./kWh		8.0226
Total Rs./kWh 9.5180	Fuel Charges Adjustment	External Purchases	Rs./kWh		1.6342
	(FCA)	Deviation from EMO	Rs./kWh		(0.1388)
Varaiation in Fuel Cost Total Rs. Mln 19,029		Total	Rs./kWh		9.5180
Varaiation in Fuel Cost Total Rs. Mln 19,029				_	
	Varaiation in Fuel Cost	Total	Rs. Mln		19,029

36. It is also pertinent to mention that K-Electric vide letter dated June 23, 2022 has requested to allow recovery of FCA for the month of May 2022, in the month of July 2022. The Authority has considered the request of K-Electric and observed that FCA for the month of April i.e. Rs.5.2718/kWh is also being charged from the consumers in the month July 2022, therefore, allowing the entire amount of FCA of May 2022 to be charged in the month of July 2022, would result in overburdening of the consumers, and would not be in the interest of the consumers. The Authority has further noted that in the matter of XWDISCOs, the Authority



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has allowed Rs.7.9040/kWh as FCA for the month of May 2022 to be charged in the month of July 2022.

37. In view thereof, the Authority has decided to charge partial amount of Rs.2.6322/kWh, pertaining to the FCA of May 2022, in the billing month of July 2022 and the remaining amount i.e. Rs.6.8860/kWh shall be charged in the billing month of August 2022.

38. Here it is pertinent to mention that the impact of monthly FCA, which is not being passed on to certain categories of consumers, would be accounted for in the quarterly adjustments.

39. In the light of above, the Authority hereby directs K-Electric that the positive FCA of May 2022 as worked out above;

- a. Shall be applicable to all the consumer categories except lifeline consumers.
- 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. K-Electric shall reflect the fuel charges adjustment in respect of May 2022, in the billing month of July & August 2022. Out of total FCA of Rs.9.5180/kWh, an amount of Rs.2.6322/kWh shall be charged in the billing month of July 2022 and Rs.6.8860/kWh in the billing month of August 2022.
- d. While effecting the Fuel Adjustment Charges, K-Electric shall keep in view and strictly comply with the orders of the courts notwithstanding this order.

	AUIIIONIII
Engr. Maqsood Anwar Khan Member	Rafique Ahmed Shaikh Member
NEPRA AUTHORITY HID: WN * LINOT M	TauseeflH. Farooqi Chairman

## AUTHORITY

## To Be Published in Official Gazette of Pakistan Part-II

# National Electric Power Regulatory Authority



## NOTIFICATION

Islamabad, the 7<sup>th</sup> day of July 2022

S.R.O. 1005 (I)/2022.- 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 and as per the mechanism for monthly, quarterly and annual adjustments provided in the Tariff Determination of K-Electric Ltd. dated July 05, 2018 duly notified in the official Gazette vide SRO No. 576(I)/2019 dated May 22, 2019, National Electric Power Regulatory Authority (NEPRA) makes and notifies the following adjustment in the approved tariff on account of variation in fuel charges for the month of May 2022 in respect of K-Electric Limited:

FCA to be calculated on the basis of billing for the Month of	Rs./kWh	Charged in Consumer Bills to be issued in the Month of
May 2022	9.5180	July & August 2022

- 2. The positive FCA of May 2022:
  - a) Shall be applicable to all the consumer categories except lifeline consumers.
  - 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) K-Electric shall reflect the fuel charges adjustment in respect of May 2022 in the billing month of July & August 2022. Out of total FCA of Rs.9.5180/kWh, an amount of Rs.2.6322/kWh shall be charged in the billing month of July 2022 and Rs.6.8860 kWh in the billing month of August 2022.

4. While effecting the Fuel Adjustment Charges, K-Electric Ltd. shall keep in view and strictly comply with the orders of the courts notwithstanding this order.

(Syed Safeer Hussain) Registrar