



National Electric Power Regulatory Authority Islamic Republic of Pakistan

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Registrar

No. NEPRA/R/ADG(Tariff)TRF-100/MFPA/ 5011-26

April 08, 2024

| | | | |
|----|---|-----|---|
| 1. | Chief Executive Officer, Faisalabad Electric Supply Company Ltd. (FESCO), Abdullahpur, Canal Bank Road Faisalabad | 2. | Chief Executive Officer, Gujranwala Electric Power Company Ltd. (GEPCO), 565/A, Model Town, G.T. Road, Gujranwala |
| 3. | Chief Executive Officer, Hyderabad Electric Supply Co. Ltd. (HESCO), WAPDA Offices Complex, Hussainabad, Hyderabad | 4. | Chief Executive Officer Islamabad Electric Supply Co. Ltd. (IESCO), Street # 40, Sector G-7/4, Islamabad. |
| 5. | Chief Executive Officer, Lahore Electric Supply Company Ltd. (LESCO), 22-A, Queens Road, Lahore | 6. | Chief Executive Officer, Multan Electric Power Company Ltd. (MEPCO), MEPCO Headquarter, Khanewal Road, Multan |
| 7. | Chief Executive Officer, Peshawar Electric Supply Company Ltd. (PESCO), WAPDA House, Shami Road, Sakhi Chashma, Peshawar | 8. | Chief Executive Officer, Quetta Electric Supply Company Ltd. (QESCO), Zarghoon Road, Quetta |
| 9. | Chief Executive Officer, Sukkur Electric Power Company Ltd. (SEPCO), Administration Block, Thermal Power Station, Old Sukkur | 10. | Chief Executive Officer Tribal Areas Electricity Supply Company Ltd. (TESCO), 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 month of February 2024 for XWDISCOs along with Notification Thereof**

Enclosed please find herewith a copy of the Decision of the Authority (total 11 Pages) regarding adjustment in fuel charges in respect of Ex-WAPDA Distribution Companies for the month of **February 2024** and its Notification i.e. S.R.O. 566 (I)/2024 dated April 08, 2024.

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: (Decision along with Notification is also available on NEPRA's website)


(Engr. Mazhar Iqbal Ranjha)

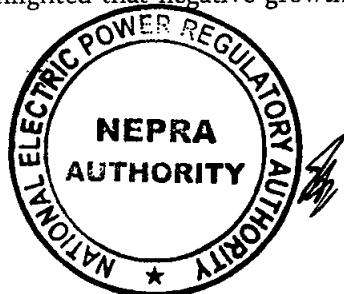
CC:

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. Member (Power), WAPDA, WAPDA House, Shahrah-e-Quaid-e-Azam, Lahore.
5. Managing Director, NTDC, 414 WAPDA House, Shahrah-e-Quaid-e-Azam, Lahore.
6. Chief Executive Officer, Central Power Purchasing Agency Guarantee Limited (CPPA-G), Shaheen Plaza. 73-West. Fazl-e-Haq Road. Islamabad.



DECISION OF THE AUTHORITY IN THE MATTER OF FUEL CHARGES ADJUSTMENT FOR THE MONTH OF FEBRUARY 2024 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 February 2024, request was filed by CPPA-G vide letter dated March 15, 2023.
3. The Authority has reviewed the request/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 February 2024, as claimed by CPPA-G, is Rs.9.4254/kWh, against the reference fuel cost component of Rs.4.4337/kWh as indicated in the Annexure-IV of the notified consumer-end tariff of Ex-WAPDA DISCOs for the FY 2023-24. The actual fuel charges, as claimed by CPPA-G, for the month of February 2024 increased by Rs.4.9917/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 March 19, 2024 and also uploaded on NEPRA's official website for information of all concerned stakeholders.
5. The Authority conducted the hearing in the matter on March 28, 2024 at NEPRA Tower, Ataturk Avenue (East), G-5/1, Islamabad and online 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 of CPPA-G, CEOs of all DISCOs, MD NTDC along-with its SO/NPCC team, general public and Media were present. In addition, JS Ministry of Energy (MoE), Power Division (PD) also attended the hearing. However, no representation was made from WAPDA Power Privatization Organization (WPPO), Sui Southern Gas Company Limited (SSGCL), Sui Northern Gas Pipelines Limited (SNGPL) and Ministry of Finance despite serving the hearing notice.
7. CPPA-G presented its case before the Authority, mentioning operation of different power plants along-with their plant factors and outage details. CPPA-G submitted that there was not much variation in actual fuel prices vis a vis reference values, however, certain fuels which were not part of the reference mix like RLNG was operated because of system requirements. It was further, highlighted that negative growth of -12.2% was observed in actual generation



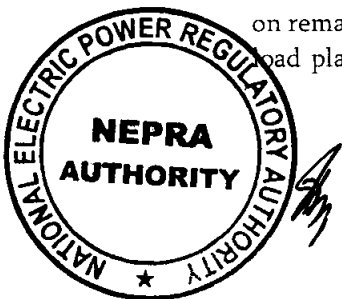
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against the reference generation. CEO CPPA-G further submitted the following plant utilization factors for coal based power plants for the month of February 2024;

| Power Producer | Energy KWh | Fuel Bill | FCC Rs/kWh | Plant Factor |
|------------------------------------|--------------------|-----------------------|--------------|--------------|
| China Power Hub Generation company | - | - | - | 0% |
| Huaneng Shandong Ruyi Energy | 128,100,900 | 2,636,137,181 | 20.58 | 15% |
| Port Qasim Electric Power Company | - | - | - | 0% |
| Lucky Electric Power Company | 6,816,200 | 91,807,398 | 13.47 | 2% |
| Coal- Imported | 134,917,100 | 2,727,944,579 | 20.22 | 4% |
| Engro Powergen Thar (Pvt) Limited | 169,278,800 | 3,281,242,538 | 19.38 | 40% |
| Thar Energy Limited | 38,888,000 | 1,456,122,359 | 37.44 | 19% |
| Thar Coal Block-1 Power Generation | 615,422,100 | 7,379,240,129 | 11.99 | 72% |
| ThalNova Power Thar (Pvt.) Ltd | 170,197,900 | 1,981,942,450 | 11.64 | 81% |
| Coal- Local | 993,786,800 | 14,098,547,475 | 14.19 | 59% |

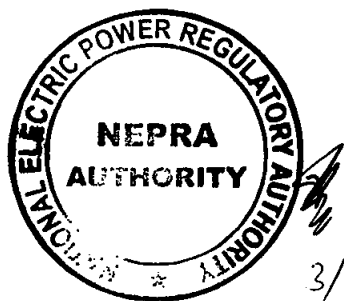
8. The Authority noted with concern that demand has been continuously declining and till February 2024, the overall demand has been reduced by around 12% as compared to the reference projections assumed in tariff. This decrease in sales would consequently result in higher quarterly adjustments, leading to further increase in tariff. The Authority, therefore directed CPPA-G and Ministry of Energy (MoE) to analyze the impact of lifting commercial based load-shedding on the demand side, and submit an intelligent proposal before the Authority to improve the demand. It was also highlighted that currently over 60% of the tariff consists of capacity charges, which is much higher as compared to international standards. The Authority accordingly asked CPPA-G to evaluate the possibilities of reducing capacity charges while remaining within the legal framework.
9. The Authority further noted that wind based power plants are being curtailed leading to NPMV and expensive imported fuel based power plants are being operated. It was also observed that Guddu power plant was operated on a 45% plant factor on open cycle instead of combined cycle, had this plant been operated on combined cycle, it would have reduced the cost of generation.
10. During hearing, various commentators raised their concerns regarding high fuel price adjustments, relevant comments are summarized as under;
 - Mr. Abdullah Umer, a commentator submitted that recent FCAs have seen generation from RLNG, adding financial burden on the consumers.
 - Mr. Muhammad Arif, another commentator highlighted the longstanding issue of evacuation of generation from local coal and wind based plants in south.
11. NTDC while responding to the concerns raised by the commentators, submitted that operation of RLNG based power plants was necessary to maintain system stability and non-operation of these plants may have led to national black outs, thus, leading to additional cost to restart and normalize the system.
12. NTDC further submitted that the constraint in the corridor is due to national generation coming as low as 7,000 MW- 8,000 MW even though the system has a 27,000 MW evacuation capacity. It also stated that USD 655 million is the cost of developing corridor extension, however, the same will not be required beyond 2030 due to new hydel power plants coming in the northern region. NTDC also apprised that high solar induction by consumers has also led to decrease in demand from the national grid which consequently has increased the burden on remaining consumers. It was also stated by NTDC that there is a need to develop cheap base load plants in the mid of the country to offset the expensive plants being operated in that



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- region. It was further highlighted that solar is being developed in the central region, however, there will still be a need for base load plants for ramping purposes. NTDC also requested the Authority to consider allowing Rs.42 billion, withheld by the Authority during previous FCAs of XWDISCOs. It was further stated by NTDC that with the development of KKI grid, supply to KE would increase resulting in higher utilization of cheaper generation in the south.
13. The Authority directed NTDC/NPCC & CPPA-G to provide breakup of RLNG operations in terms of Contractual Obligations, System constraints and system stability.
 14. NTDC vide letter dated April 02, 2024, addressed to CPPA-G with a copy NEPRA has mentioned that; RLNG demand for power sector for February 2024 was estimated at 150 mmcf, however, due to schedule outage of UCH Power from 01-10th Feb as well as maintenance outage of HVDC monopole from 23 Feb onwards, the RLNG demand for power sector was revised to 350 mmcf.
 15. Mr. Muhammad Khurram Shahzad, another commentator submitted timeline for determination of monthly FCA as prescribed in the NEPRA Act may be followed. M/s FF Steel also vide their written comments raised the issue of timely application of monthly FCAs as per the prescribed timelines as any retrospective imposition of FCA in contravention of the time lines prescribed under the Act is unreasonable, unfair, unjust & illegal. It also stated that no data & calculations for determination of the instant FCA has been provided to general public. Further, no previous adjustments should be allowed as it is beyond the scope of FCA.
 16. The Authority, regarding timely application of monthly FCAs, noted that the issue of timely application of FCAs has already been decided by the Hon. Supreme Court of Pakistan vide judgment dated 02.05.2018, as under:
“ In future, the time fixed in terms of provisions of second proviso to Section 31(4) of Act XL Of 1997 for claiming tariff revision on the basis of fuel price fluctuation shall be four (04) with reference to the bill/notified tariff of any particular month;
b) For filing refund claims by consumers, which are based upon downward fluctuation of fuel price, we find that a period of two (02) months is reasonable for the purpose of processing and granting such refunds relatable to the bill of a particular month;...”
 17. The Authority also noted that petition of monthly FCAs, filed by CPPA-G, is uploaded on NEPRA website for information of general public. Regarding previous adjustments claimed by CPPA-G, since the same are related with FCA, therefore are included as part of monthly FCAs.
 18. Mr. Zeeshan, a commentator, inquired the status of inquiry initiated by the Authority in previous FCA of January 2024. The Authority mentioned that investigation is being carried out and will be finalized shortly.
 19. Mr. Abu Bakar Ismail, a commentator, submitted that power sector is in a vicious cycle of falling demand, which leads to higher tariffs, thus further reducing demand. Mr. Saif Ur Rehman, another commentator, submitted that inefficient entities, within the power sector, need to be held accountable.
 20. Upon query from Mr. Aleem Malik, another commentator, the MoE responded that around Rs.98 billion have been recovered through antitheft drive of the Government.
 21. The Authority observed that while submitting the monthly FCA request, CPPA-G and NTDC/NPCC certifies that;



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a) 2002 Power Policy Plants

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

b) 1994 Power Policy Plants (HUBCO Inclusive)

- i. All purchases have been made from IPPs under 1994 Policy, including HUBCO & Chasnupp and excluding Tavanir, having valid generation license issued by NEPRA.
- ii. Invoices of all Electricity Purchases have been made strictly in accordance with the rates, terms & conditions as stipulated in the respective Power Purchase Agreements.
- iii. All payments to IPPs are being made after observing all formalities provided in the respective Power Purchase Agreements.
- iv. All purchases have been made in accordance with the Power Purchase Agreement
- v. The above statement is true, based on facts and from verifiable documentary evidences. In case of any deviation / variation observed if not rectified at later stage, CPPA-G will be responsible for the consequences arising out of any misstatement under NEPRA Act and its Rules & Regulations.

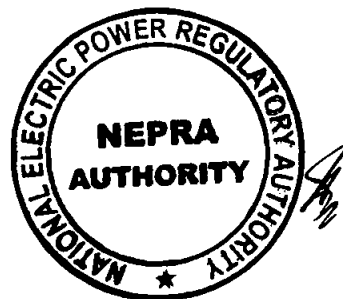
c) Power Plants Operations

- i. It is certified that Merit Order was followed as defined under section 2(I)(x) of the NEPRA Licensing (Generation) Rules, 2000, while operating power plants in its fleet during month of February 2024.
- ii. Partial Loading of power plants strictly in accordance with the provision of their respective Power Purchase Agreement and the plants were operated on partial load as per system load demand variations and for fuel conversation where needed.

22. Accordingly for the purpose of instant FCA, the information along-with certification given by CPPA-G has been relied upon. In case of any variation, error, omission or misstatement found out at a later stage, CPPA-G shall be responsible and the same would be adjusted in the subsequent monthly fuel charges adjustment.

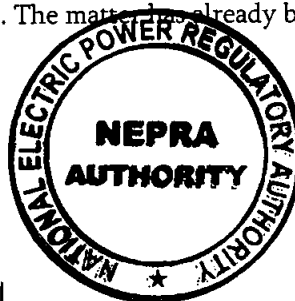
23. Here it is pertinent to mention that the Authority, in the FCA decision of January 2024 on the issue of energy and cost for the electricity supplied by UCH Power plant observed as under;

The Authority, however, noted that license of UCH power plant has expired but the plant has supplied energy in the national grid during January 2024. CPPA-G in its request has also claimed fuel cost for the energy supplied by UCH power plant. The Authority has decided to provisionally account for the energy and cost of UCH power plant for the month of January 2024 subject to adjustment based on the final decision of the Authority in the matter of LPM of UCH power plant.





24. Subsequently, UCH Power plant, vide letter dated 11.03.2024 submitted that the above mentioned finding in the FCA of January are not correct, as no LPM has been filed by UCH with the Authority nor such an application is pending with the Authority. It is further submitted that on 30.05.2022, the Company submitted an application to the Authority seeking the extension of its license. The Authority made its final decision on 08.05.2023, whereby it was concluded that although the company met the legal and technical criteria for license renewal, the Company did not require a license beyond the expiration date of its existing license (i.e. beyond 25.08.2023). Accordingly, UCH requested for clarification on the apparent inconsistency, and issue clear directions to the company on how to proceed.
25. The Authority noted that vide its decision dated 08.05.2023 in the matter of application of UCH Power Plant (UPPL) for renewal of its Generation License, that the existing Generation License of UPPL was valid till August 25, 2023, therefore, it directed UCH Power Plant to approach the Authority, if required, for extension/renewal as per the prevailing relevant provisions of the NEPRA Act, relevant rules and regulations. The Authority accordingly, decided to return the application of UCH Power Plant for extension/ renewal of the term of the license. In view of the above, the Authority has re-examined the issue of energy and cost for the electricity provided by UCH Power Plant in the month of January 2024 and has decided to allow the same. Similarly, for the month of February 2024, the Authority has also decided to allow the energy and cost claimed by CPPA-G for the electricity supplied by UCH Power Plant.
26. The Authority, observed that CPPA-G has purchased energy of 25.657 GWh from Tavanir Iran in February 2024 at a cost of Rs.698 million, however, contract between CPPA-G and Tavanir Iran for import of Power up-to 104 MW has expired on December 31, 2021. In view thereof, the cost of electricity purchased from Tavanir Iran is being allowed strictly on provisional basis, subject to its adjustment once the Authority decides the extension in the contract between CPPA-G and Tavanir Iran or otherwise. The cost being allowed on provisional basis is to avoid piling up of the cost and one time burdening of the consumers in future.
27. CPPA-G in its FCA request claimed net positive amount of Rs.3,910 million as previous adjustments.
28. Regarding net positive adjustment of Rs.3.698 billion for Uch-II for the period Jan-21 to Sep-23 and Dec-23, an amount of Rs.1.7 billion has been verified. For the remaining amount of Rs.1.9 billion, pertaining to the period Jan-21 to Dec-22, the Authority has completed its technical verification, and also the financial verification to some extent. Accordingly, the amount of Rs.1.9 billion is also being allowed in the instant FCA, on provisional basis, subject to adjustment, if any, once the verification of the amount already allowed to UCH Power Plant for the period from Jan. 21 to Dec. 22 is completed.
29. Regarding adjustment of Rs.15.73 million for GENCO-I from the period from October 2021 to June 2022, the same requires technical/financial verification and would be accounted for in subsequent FCAs.
30. CPPA-G has claimed previous adjustment including Rs.3.65 million for saif power plant, Rs.16.982 for sapphire and Rs.0.637 million for Halmore for the period from January 2020 to August 2022 on account PPA factors. The matters already been brought by CPPA-G before NEPRA and are under process.





31. In light of earlier decision of the Authority, the claimed adjustment in this regard has been provisionally considered subject to final verification of the Authority, as done so in the subsequent FCA.
32. In view of the above discussion, the following amounts are being allowed in the instant FCA;

| Power Plants | Prev. Adj. Claimed by CPPA-G Rs. | Prev. Adj. Allowed Rs. | Deduction Rs. |
|------------------------|----------------------------------|------------------------|---------------|
| Attock-Gen | 49,242,661 | 49,242,661 | - |
| Atlas Power | 41,762,788 | 41,762,788 | - |
| Nisbat Power | 44,377,188 | 44,377,188 | - |
| Foundation Power | (444,301) | (444,301) | - |
| Orient | 136,555 | 136,555 | - |
| Nisbat Chumian | 17,438,682 | 17,438,681 | - |
| Saif Power | 3,501,736 | 3,501,736 | - |
| - | 148,490 | 148,490 | - |
| Engro Energy | (8,066,171) | (8,066,171) | - |
| Sapphire Power | 23,411,985 | 23,411,985 | - |
| - | 3,137,368 | 3,137,368 | - |
| Hubco Narowal | 24,398,166 | 24,398,166 | - |
| Liberty Power | (17,590,050) | (17,590,050) | - |
| Halmore | 637,261 | 637,261 | - |
| Uch-II | 3,698,271,551 | 3,698,271,551 | - |
| Engro PowerGen Thar T | (10,615,536) | (10,615,536) | - |
| Haveli Bahadur Shah | 47,337,446 | 47,337,446 | - |
| Huaneng Shandong Ruyi | 386,194,794 | 386,194,794 | - |
| Baloki | (102,799,241) | (102,799,241) | - |
| Port Qasim | (267,894,145) | (267,894,145) | - |
| Lucky Electric Power C | (233,404) | (233,404) | - |
| Pak Gen Power Limited | (13) | (13) | - |
| Karachi Nuclear Power | (11,865,853) | (11,865,853) | - |
| Tavanir Iran | (90,501,905) | (90,501,905) | - |
| GENCO-I *** | 15,730,145 | - | (15,730,145) |
| GENCO-III | 64,442,874 | 64,442,874 | - |
| Total | 3,910,159,070 | 3,894,428,923 | (15,730,145) |



33. NTDC, reported provisional T&T losses of 203.87 GWh i.e. 2.789%, based on energy delivered on NTDC system during February 2024 which are on higher side and adjusted on accumulative yearly basis. NTDC in addition also reported T&T losses of 19.807 GWh i.e. 2.976%, for PMLTC (HVDC) line. NTDC is allowed T&T losses of 2.639% only at 500KV and 220 KV network, therefore, 203.87 GWh losses are adjusted at 197.38 GWh. For PMLTC (HVDC) is allowed T&T losses of maximum up-to 4.3%.
34. Accordingly, for the month of February 2024, T&T losses of 217.189 GWh have been verified for NTDC system only at 500 kV and 220 kV network and PMLTC (HVDC), keeping in view the aforementioned allowed limits of the Authority, as has been included in the instant FCA working for Feb. 2024.
35. In view of the above discussion, the Authority has calculated the fuel cost for the month of February 2024, 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 as claimed by CPPA-G in its FCA request (**Annex-II**). 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.
36. 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.
37. CPPA-G in its request has also included 21.48 GWh for the Net Metering units procured during February 2024 based on information provided by PITC.

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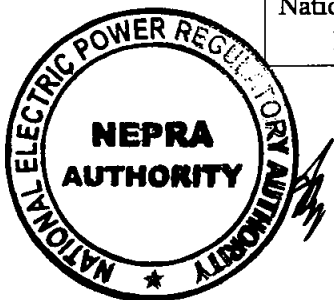
38. As per data provided by CPPA-G, during February 2024, 23.08 GWh were supplied by power producers having bilateral contracts with DISCOs. Regarding fuel cost of SPPs/CPP it is important to mention that CPPA-G only provided NTDC monthly reading data containing energy supplied by aforementioned SPPs/CPPs to DISCOs, however, no fuel cost has been claimed / provided along-with the FCA data.
39. Here it is also pertinent to mention that while approving the Power Acquisition Requests (PARs) for such SPPs, the Authority also prescribed an adjustment mechanism for indexation of fuel cost component based on prevalent fuel prices. As CPPA-G has not claimed any cost for the energy supplied by SPPs/CPPs, therefore, in order to avoid piling up of costs and one time burdening of consumers, the cost for energy supplied by SPPs during February 2024 has been accounted for based on the reference Fuel cost component as approved by the Authority in the respective PAR of such SPP/CPPs.
40. Based on the aforementioned discussion and in light of earlier decisions of the Authority for FCA of May 2023 and onward, separate FCA of each DISCO after accounting for the energy purchased from CPPA-G, bilateral contracts (Captive, SPPs) and Net metering as part of individual basket of each DISCO has been worked out. However, since a uniform tariff regime is in place in the country, therefore, the Authority has also worked out a National Average Uniform monthly FCA to be charged from all the consumers of XWDISCOs.

| Description | Unit | CPPA-G Pool | K-Electric | T&T Loss Diff. | XWDISCOs |
|--|----------------|---------------|---------------|----------------|---------------|
| Energy Procured from CPPA-G Pool | GWh | 6,884 | 614 | 8.19 | 6,262 |
| Fuel Cost allocated from Pool | Rs. Mln | 64,789 | 5,778 | 77 | 58,934 |
| Actual Fuel Cost component (FCC) of CPPA-G Pool | Rs./kWh | 9.4119 | 9.4119 | 9.4119 | 9.4119 |

| Description | Unit | FESCO | GEPCO | HESCO | SEPCO | IESCO | LESCO | MEPCO | PESCO | TESCO | QESCO | National Avg. Uniform |
|---|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------------|
| Energy Procured from CPPA-G Pool | GWh | 802 | 601 | 246 | 154 | 698 | 1,352 | 901 | 925 | 132 | 450 | 6,262 |
| Energy Procured from Net Metering | GWh | 2.74 | 2.33 | 0.22 | 0.08 | 4.90 | 5.98 | 4.40 | 0.81 | 0.00 | 0.02 | 21.48 |
| Energy Procured from SPPs | GWh | | 2.17 | 7.35 | 12.95 | | | 0.61 | | | | 23.08 |
| Total Energy | GWh | 805 | 606 | 254 | 167 | 703 | 1,358 | 906 | 926 | 132 | 450 | 6,306 |
| Fuel Cost allocated from Pool | Rs. Mln | 7,552 | 5,657 | 2,320 | 1,450 | 6,571 | 12,723 | 8,483 | 8,707 | 1,241 | 4,231 | 58,934 |
| Fuel Cost for Energy Procured through bilateral contracts | Rs. Mln | | | 30.8 | 29.8 | | | | | | | 61 |
| Total Fuel Cost | Rs. Mln | 7,552 | 5,657 | 2,351 | 1,479 | 6,571 | 12,723 | 8,483 | 8,707 | 1,241 | 4,231 | 58,994 |
| Actual Fuel Cost component (FCC) | Rs./kWh | 9.3799 | 9.3420 | 9.2527 | 8.8560 | 9.3463 | 9.3704 | 9.3599 | 9.4036 | 9.4119 | 9.4115 | 9.3550 |
| Reference Fuel Cost component (FCG) | Rs./kWh | 4.4337 | 4.4337 | 4.4337 | 4.4337 | 4.4337 | 4.4337 | 4.4337 | 4.4337 | 4.4337 | 4.4337 | 4.4337 |
| Fuel Charges Adjustment | Rs./kWh | 4.9462 | 4.9083 | 4.8190 | 4.4223 | 4.9125 | 4.9367 | 4.9261 | 4.9699 | 4.9782 | 4.9778 | 4.9213 |

41. CPPA-G is directed to develop a proper mechanism for Inter DISCO settlement of FCA worked for each XWDISCOs and the FCA charged from consumers after consultation with DISCOS, in order to ensure proper accounting of energy and cost of each DISCO as per their own basket.
42. The Authority, after incorporating the aforementioned adjustments, has reviewed and assessed a National Average Uniform increase of Rs.4.9213/kWh in the applicable tariff for XWDISCOs on account of variations in the fuel charges for the month of February 2024 as under;

| | |
|---|----------------------|
| Actual National Avg. Uniform Fuel Charge Component for February 2024 for XWDISCOs Consumers | Rs.9.3550/kWh |
| Corresponding Reference Fuel Charge Component | Rs.4.4337/kWh |
| National Avg. Uniform Fuel Price Variation for the month of February 2024- Increase for XWDISCOs consumers | Rs.4.9213/kWh |



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- 1) In view of the aforementioned, the Authority has decided that adjustment as referred above.
- 2) Shall be applicable to all the consumer categories except Electric Vehicle Charging Stations (EVCS) and lifeline consumers.
- 3) Shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of February 2024.
- 4) XWDISCOs shall reflect the fuel charges adjustment in respect of February 2024 in the billing month of April 2024.
- 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.

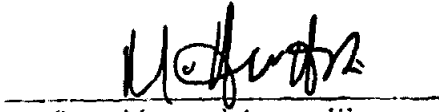
AUTHORITY



Maqbar Niaz Rana (nsc)
Member



Rafique Ahmed Shaikh
Member



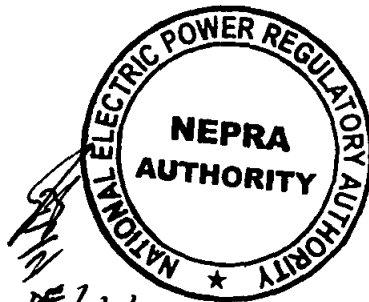
Engr. Maqsood Anwar Khan
Member



Amina Ahmed
Member



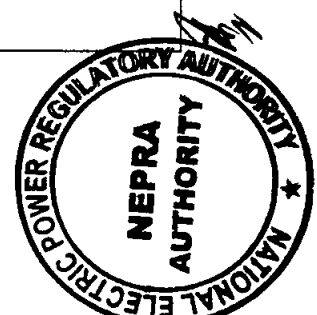
Waseem Mukhtar
Chairman



CENTRAL POWER PURCHASING AGENCY (CPA)
Energy Procurement Report (provisional)
For the Month of February 2024

| S no | Power Producers | File# | Capacity (MWh) | Energy MWh | Fuel Charges \$ | MW C-type | CPA | | CPA Bid Price \$/MWh | CPA Bid Price \$/MWh | CPA Bid Price \$/MWh | CPA Bid Price \$/MWh | CPA Bid Price \$/MWh | CPA Bid Price \$/MWh | CPA Bid Price \$/MWh | CPA Bid Price \$/MWh | CPA Bid Price \$/MWh | CPA Bid Price \$/MWh | CPA Bid Price \$/MWh | CPA Bid Price \$/MWh | CPA Bid Price \$/MWh | CPA Bid Price \$/MWh |
|-----------------|-----------------|-------|----------------|------------|-----------------|-----------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| | | | | | | | CPA Bid Price \$/MWh | CPA Bid Price \$/MWh | | | | | | | | | | | | | | |
| GENCO | | | | | | | | | | | | | | | | | | | | | | |
| 1 | MPPA | Hydro | 1800 | 1800 | 0 | 1800 | 0.00 | 1800 | 0.00 | 1800 | 0.00 | 1800 | 0.00 | 1800 | 0.00 | 1800 | 0.00 | 1800 | 0.00 | 1800 | 0.00 | 1800 |
| 2 | MPPA | Hydro | 30 | 30 | 0 | 30 | 0.00 | 30 | 0.00 | 30 | 0.00 | 30 | 0.00 | 30 | 0.00 | 30 | 0.00 | 30 | 0.00 | 30 | 0.00 | 30 |
| 3 | MPPA | Hydro | 10 | 10 | 0 | 10 | 0.00 | 10 | 0.00 | 10 | 0.00 | 10 | 0.00 | 10 | 0.00 | 10 | 0.00 | 10 | 0.00 | 10 | 0.00 | 10 |
| 4 | MPPA | Hydro | 147 | 147 | 0 | 147 | 0.00 | 147 | 0.00 | 147 | 0.00 | 147 | 0.00 | 147 | 0.00 | 147 | 0.00 | 147 | 0.00 | 147 | 0.00 | 147 |
| 5 | MPPA | Hydro | 1069 | 1069 | 0 | 1069 | 0.00 | 1069 | 0.00 | 1069 | 0.00 | 1069 | 0.00 | 1069 | 0.00 | 1069 | 0.00 | 1069 | 0.00 | 1069 | 0.00 | 1069 |
| 6 | MPPA | Hydro | 673 | 673 | 0 | 673 | 0.00 | 673 | 0.00 | 673 | 0.00 | 673 | 0.00 | 673 | 0.00 | 673 | 0.00 | 673 | 0.00 | 673 | 0.00 | 673 |
| 7 | MPPA | Hydro | 37 | 37 | 0 | 37 | 0.00 | 37 | 0.00 | 37 | 0.00 | 37 | 0.00 | 37 | 0.00 | 37 | 0.00 | 37 | 0.00 | 37 | 0.00 | 37 |
| 8 | MPPA | Hydro | 720 | 720 | 0 | 720 | 0.00 | 720 | 0.00 | 720 | 0.00 | 720 | 0.00 | 720 | 0.00 | 720 | 0.00 | 720 | 0.00 | 720 | 0.00 | 720 |
| 9 | MPPA | Hydro | 17 | 17 | 0 | 17 | 0.00 | 17 | 0.00 | 17 | 0.00 | 17 | 0.00 | 17 | 0.00 | 17 | 0.00 | 17 | 0.00 | 17 | 0.00 | 17 |
| GENCO-2 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-3 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-4 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-5 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-6 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-7 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-8 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-9 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-10 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-11 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-12 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-13 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-14 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-15 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-16 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-17 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-18 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-19 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-20 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-21 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-22 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-23 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-24 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-25 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-26 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-27 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-28 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-29 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-30 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-31 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-32 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-33 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-34 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-35 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-36 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-37 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-38 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-39 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-40 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-41 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-42 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-43 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-44 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-45 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-46 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-47 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-48 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-49 | | | | | | | | | | | | | | | | | | | | | | |
| GENCO-50 | | | | | | | | | | | | | | | | | | | | | | |

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CENTRAL POWER & SOLARIS AGENCY (CP&S)
Energy Procurement Report (Procuree's view)
For the Month of February 2024

| S No | Power Producer's | Fuel | Capacity (MW) | Energy (MWh) | Fee Charge (Rs.) | MW Capacity % | EPF Rating with (Rs.) | EPF Adjustment Fee (Rs.) | EPF Adjustment % (Rs.) | Total Fuel Cost (Rs.) | Total MWAR (Rs.) | Total Energy Cost (Rs.) |
|-------------------------------------|------------------|------|---------------|---------------|------------------|---------------|-----------------------|--------------------------|------------------------|-----------------------|------------------|-------------------------|
| 1 | 12A-12B | Gas | 25 | 4,420,640 | | | | | | | | |
| 2 | 12C | Wind | 56 | 3,186,830 | | | | | | | | |
| 3 | 12D | Wind | 50 | 3,128,885 | | | | | | | | |
| 4 | 12E | Wind | 50 | 3,128,885 | | | | | | | | |
| 5 | 12F | Wind | 50 | 3,128,885 | | | | | | | | |
| 6 | 12G | Wind | 50 | 3,128,885 | | | | | | | | |
| 7 | 12H | Wind | 50 | 3,128,885 | | | | | | | | |
| 8 | 12I | Wind | 50 | 3,128,885 | | | | | | | | |
| 9 | 12J | Wind | 50 | 3,128,885 | | | | | | | | |
| 10 | 12K | Wind | 50 | 3,128,885 | | | | | | | | |
| 11 | 12L | Wind | 50 | 3,128,885 | | | | | | | | |
| 12 | 12M | Wind | 50 | 3,128,885 | | | | | | | | |
| 13 | 12N | Wind | 50 | 3,128,885 | | | | | | | | |
| 14 | 12O | Wind | 50 | 3,128,885 | | | | | | | | |
| 15 | 12P | Wind | 50 | 3,128,885 | | | | | | | | |
| 16 | 12Q | Wind | 50 | 3,128,885 | | | | | | | | |
| 17 | 12R | Wind | 50 | 3,128,885 | | | | | | | | |
| 18 | 12S | Wind | 50 | 3,128,885 | | | | | | | | |
| 19 | 12T | Wind | 50 | 3,128,885 | | | | | | | | |
| 20 | 12U | Wind | 50 | 3,128,885 | | | | | | | | |
| 21 | 12V | Wind | 50 | 3,128,885 | | | | | | | | |
| 22 | 12W | Wind | 50 | 3,128,885 | | | | | | | | |
| 23 | 12X | Wind | 50 | 3,128,885 | | | | | | | | |
| 24 | 12Y | Wind | 50 | 3,128,885 | | | | | | | | |
| 25 | 12Z | Wind | 50 | 3,128,885 | | | | | | | | |
| 26 | 12A1 | Wind | 50 | 3,128,885 | | | | | | | | |
| 27 | 12A2 | Wind | 50 | 3,128,885 | | | | | | | | |
| 28 | 12A3 | Wind | 50 | 3,128,885 | | | | | | | | |
| 29 | 12A4 | Wind | 50 | 3,128,885 | | | | | | | | |
| 30 | 12A5 | Wind | 50 | 3,128,885 | | | | | | | | |
| 31 | 12A6 | Wind | 50 | 3,128,885 | | | | | | | | |
| 32 | 12A7 | Wind | 50 | 3,128,885 | | | | | | | | |
| 33 | 12A8 | Wind | 50 | 3,128,885 | | | | | | | | |
| 34 | 12A9 | Wind | 50 | 3,128,885 | | | | | | | | |
| 35 | 12A10 | Wind | 50 | 3,128,885 | | | | | | | | |
| 36 | 12A11 | Wind | 50 | 3,128,885 | | | | | | | | |
| 37 | 12A12 | Wind | 50 | 3,128,885 | | | | | | | | |
| 38 | 12A13 | Wind | 50 | 3,128,885 | | | | | | | | |
| 39 | 12A14 | Wind | 50 | 3,128,885 | | | | | | | | |
| 40 | 12A15 | Wind | 50 | 3,128,885 | | | | | | | | |
| 41 | 12A16 | Wind | 50 | 3,128,885 | | | | | | | | |
| 42 | 12A17 | Wind | 50 | 3,128,885 | | | | | | | | |
| 43 | 12A18 | Wind | 50 | 3,128,885 | | | | | | | | |
| 44 | 12A19 | Wind | 50 | 3,128,885 | | | | | | | | |
| 45 | 12A20 | Wind | 50 | 3,128,885 | | | | | | | | |
| 46 | 12A21 | Wind | 50 | 3,128,885 | | | | | | | | |
| 47 | 12A22 | Wind | 50 | 3,128,885 | | | | | | | | |
| 48 | 12A23 | Wind | 50 | 3,128,885 | | | | | | | | |
| 49 | 12A24 | Wind | 50 | 3,128,885 | | | | | | | | |
| 50 | 12A25 | Wind | 50 | 3,128,885 | | | | | | | | |
| G-Total: | | | 40,274 | 7,716,646,491 | 61,966,877,650 | 2,811,609,828 | 64,607,677,878 | 3,916,158,070 | 300,629,701 | 65,996,044,730 | 2,812,569,628 | 68,718,606,398 |
| 1 | 12A1 | Gas | 1,764,793,073 | | | | 321,150,371 | | 321,150,371 | 14,096,847,218 | | 14,417,997,589 |
| 2 | 12A2 | Gas | 963,296,500 | | | | 793,341,118 | | 793,341,118 | 14,096,847,218 | | 14,890,688,391 |
| 3 | 12A3 | Gas | 1,964,117,100 | | | | 80,933,266 | | 80,933,266 | 2,776,877,147 | | 3,653,754,393 |
| 4 | 12A4 | Gas | | | | | | | | | | |
| 5 | 12A5 | Gas | | | | | | | | | | |
| 6 | 12A6 | Gas | | | | | | | | | | |
| 7 | 12A7 | Gas | 787,008,527 | | | | 712,031,477 | | 712,031,477 | 10,464,709,543 | | 11,176,711,020 |
| 8 | 12A8 | Gas | 1,649,898,746 | | | | 598,548,220 | | 598,548,220 | 32,451,298,543 | | 34,100,046,763 |
| 9 | 12A9 | Gas | 1,890,246,000 | | | | 2,183,746,048 | | 2,183,746,048 | 32,451,298,543 | | 34,635,044,591 |
| 10 | 12A10 | Gas | 25,857,351 | | | | 97,797,173 | | 97,797,173 | 807,288,248 | | 885,085,421 |
| 11 | 12A11 | Gas | 50,175,148 | | | | | | | 807,288,248 | | 857,476,396 |
| 12 | 12A12 | Gas | 100,350,296 | | | | | | | 1,614,576,496 | | 1,714,926,792 |
| 13 | 12A13 | Gas | 1,003,502,960 | | | | | | | 16,145,764,960 | | 17,149,271,920 |
| 14 | 12A14 | Gas | 1,003,502,960 | | | | | | | 16,145,764,960 | | 17,149,271,920 |
| Total for the month | | | | | | | | | | | | |
| Procurement: 7,716,646,491 | | | | | | | | | | | | |
| Dispatch: 1,003,502,960 | | | | | | | | | | | | |
| G-Total: 7,716,646,491 | | | | | | | | | | | | |
| Energy Cost (Rs.) | | | | | | | | | | | | |
| 65,996,044,730 | | | | | | | | | | | | |
| Cost not chargeable to DISCOs (Rs.) | | | | | | | | | | | | |
| 1,101,703,844 | | | | | | | | | | | | |
| EPR (Chargeable) (Rs.) | | | | | | | | | | | | |
| 64,894,340,886 | | | | | | | | | | | | |
| Energy Sold (MWh) | | | | | | | | | | | | |
| 6,876,510,122 | | | | | | | | | | | | |
| Avg. Rate (Rs./MWh) | | | | | | | | | | | | |
| 9,4254 | | | | | | | | | | | | |
| Reference Rate (Rs./MWh) | | | | | | | | | | | | |
| 4,4337 | | | | | | | | | | | | |
| PCA Rate Current month (Rs./MWh) | | | | | | | | | | | | |
| 4,8817 | | | | | | | | | | | | |

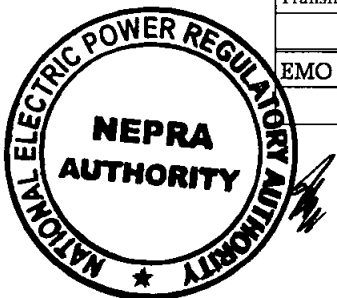
Math
20

10/11



| Annex-II | | | | |
|------------------------|-----------------|---------------|-----------------|---------------|
| Source Wise Generation | | | | |
| Sources | February 2024 | | | |
| | Reference | | Actual | |
| | GWh | % | GWh | % |
| Hydel | 2,158.56 | 26.47% | 1,766.29 | 24.77% |
| Coal - Local | 1,553.03 | 19.05% | 993.79 | 13.94% |
| Coal - Imported | 706.18 | 8.66% | 134.92 | 1.89% |
| HSD | - | 0.00% | - | 0.00% |
| RFO | - | 0.00% | - | 0.00% |
| Gas | 773.47 | 9.49% | 787.01 | 11.04% |
| RLNG | - | 0.00% | 1,449.81 | 20.33% |
| Nuclear | 2,165.62 | 26.56% | 1,660.25 | 23.29% |
| Import Iran | - | 0.00% | 25.66 | 0.36% |
| Mixed | 13.85 | 0.17% | - | 0.00% |
| Wind | 369.46 | 4.53% | 107.6335 | 1.51% |
| Baggasse | 186.78 | 2.29% | 100.53 | 1.41% |
| Solar | 226.29 | 2.78% | 90.17 | 1.26% |
| Prev. Adj. in NEO | | | 14.04 | |
| Total | 8,153.24 | 100.0% | 7,130.09 | 99.8% |
| Sale to IPPs | - | 0.00% | (29.19) | -0.41% |
| Transmission Losses | (260.92) | -3.20% | (217.189) | -3.046% |
| Net Delivered | 7,892.32 | 96.8% | 6,883.70 | 96.54% |

| Source Wise Fuel Cost/Energy Purchase Price | | | | |
|---|------------------|---------------|------------------|---------------|
| Sources | February 2024 | | | |
| | Reference | | Actual | |
| | Mins. Rs. | Rs./kWh | Mins. Rs. | Rs./kWh |
| Hydel | - | - | - | - |
| Coal - Local | 14,643.19 | 9.4288 | 14,098.55 | 14.1867 |
| Coal - Imported | 10,967.28 | 15.5304 | 2,727.94 | 20.2194 |
| HSD | - | - | - | - |
| RFO | - | - | - | #DIV/0! |
| Gas | 6,078.31 | 7.8585 | 9,742.68 | 12.3794 |
| RLNG | - | - | 31,933.75 | 22.0262 |
| Nuclear | 2,186.20 | 1.0095 | 2,193.75 | 1.3213 |
| Import Iran | - | - | 697.80 | 27.1968 |
| Mixed | - | - | - | - |
| Wind | - | - | - | - |
| Baggasse | 1,117.36 | 5.9822 | 601.40 | 5.9822 |
| Solar | - | - | - | - |
| Total | 34,992.33 | 4.2918 | 61,995.87 | 8.6950 |
| Arrears/ Previous Adjustments | - | - | 3,894.43 | 0.5462 |
| Sale to IPPs | - | - | (1,101.70) | (37.7376) |
| Grand Total | 34,992.33 | 4.2918 | 64,788.59 | 9.0866 |
| Transmission Losses | - | 0.1419 | | 0.3252 |
| Total | 34,992.33 | 4.4337 | 64,788.59 | 9.4119 |
| EMO Deductions | | | - | - |
| Net Total | 34,992 | 4.4337 | 64,789 | 9.4119 |



2 Math 9

To Be Published in
Official Gazette of Pakistan Part-II

National Electric Power Regulatory Authority



NOTIFICATION


Islamabad, the 8th day of April, 2024

S.R.O. 566 (I)/2024: – 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 (Act No. XVIII of 2011), amended subsequently through Act No. XIV of 2021, 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 month of February 2024 in respect of Ex-WAPDA Distribution Companies (XWDISCOs):

| | |
|--|----------------------|
| Actual National Avg. Uniform Fuel Charge Component for February 2024 for XWDISCOs Consumers | Rs.9.3550/kWh |
| Corresponding Reference Fuel Charge Component | Rs.4.4337/kWh |
| National Avg. Uniform Fuel Price Variation for the month of February 2024 - Increase for XWDISCOs Consumers | Rs.4.9213/kWh |

2. The above adjustment of Rs.4.9213/kWh shall be applicable to all the consumer categories except Electric Vehicle Charging Stations (EVCS) and lifeline consumers. The said adjustment shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of February 2024. XWDISCOs shall reflect the fuel charges adjustment in respect of February 2024 in the billing month of April 2024.

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.


(Engr. Mazhar Iqbal Ranjha)
Registrar
