

2nd QUARTER

(April-June, 2023)




NEWSLETTER

**NATIONAL ELECTRIC POWER
REGULATOR AUTHORITY**



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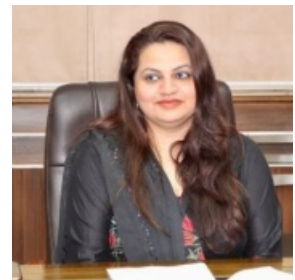
1. Major Updates/Events 2nd Quarter 2023

1.1 On April 19, 2023 NEPRA and the Chartered Financial Analyst (CFA) Society Pakistan have signed a Memorandum of Understanding (MOU) to promote cooperation and knowledge-sharing between the two organizations. The ceremony was held at NEPRA HQ MOU was signed by Mr. Tauseef H. Farooqi, Chairman NEPRA, and Mr. Sajjad Anwar, President, CFA Society Pakistan.

1.2 On April 26, 2023 an Eid Milan (Eid ul Fitar) get-together was organized at NEPRA HQ which was attended by Chairman NEPRA, Mr. Tauseef H. Farooqi, Authority Member, Mr. Mathar Niaz Rana (nsc) and NEPRA employees.



1.3 On May 05, 2023 a training session on “Gender Sensitization, Workplace Diversity and Inclusivity” was held at NEPRA HQ under NEPRA's initiative “Power with Equality” which was attended by large number of NEPRA employees. The session was chaired and led by Chairman NEPRA, Mr. Tauseef H. Farooqi the session was facilitated by Gender Expert, Dr. Saleha Javed.



1.4 On May 16, 2023 under NEPRA 'Power with Security' initiative, workshop on “Implementation Roadmap for NEPRA IT/OT Regulations” was held at NEPRA HQ with an aim to create awareness amongst

licensees for implementation of NEPRA IT/OT Cybersecurity Regulations, 2022. The workshop was led and addressed by Chairman NEPRA, Mr. Tauseef H. Farooqi, followed by presentations by Mr. Mubarak Mustafa, Cybersecurity Consultant, ACET Solutions and Mr. Ammar Almashikhi, OT Cybersecurity Professional, Siemens, UAE. The workshop was attended by a large number of power sector professionals in Pakistan.



1.5 On May 25, 2023 a seminar on “Power Theft and its Solutions” was held at NEPRA HQ, in which all major stakeholders from the power sector of Pakistan participated and expressed their views on the burning issue to prevent theft of electricity in the country and solutions to prevent the same in the future. The Chairman NEPRA, Mr. Tauseef H. Farooqi chaired the session and Authority Member, Mr. Mathar Niaz Rana (nsc) also participated. Chairman NEPRA also emphasized on NEPRA's commitment to fully facilitate all the stakeholders in their efforts to eliminate electricity theft nationwide.





1.6 On May 26, 2023 Secretary (Environment), Government of Korea, Mr. I-Jae Jang along-with delegation called on Chairman NEPRA, Mr. Tauseef H. Farooqi at NEPRA HQ. Secretary and the Chairman NEPRA discussed matters of mutual interests as well as future projects to be included in the Official Development Assistance (ODA) Fund managed by the Ministry of Environment, Government of Korea.

1.7 On June 07, 2023 NEPRA hosted a webinar on “Block Chain in Energy Trade” at NEPRA HQ under its initiative “Power with Security” and “Power with Equality”. Chairman NEPRA, Mr. Tauseef H. Farooqi led and addressed the webinar Dr. Shoab A. Khan, CEO (CARE); Mr. Safi Ghauri, Lawyer, Esquire and Ms. Amna Munawar, President Copair also share their views with the audience. The speakers discussed Peer-

to-Peer Energy Trading, Energy Data Management, Smart Contracts and its role in Grid Balancing and Flexibility. A large number of professionals from power sector of Pakistan participated in the webinar.

1.8 On June 13, 2023 under the dynamic leadership of Chairman NEPRA, Mr. Tauseef. H. Farooqi, NEPRA hosted 11th webinar under the “Power with Security” initiative at NEPRA HQ. Is taking proactive steps to promote Cybersecurity and support licensees in implementing the Cybersecurity IT/OT Regulations. It's crucial for Power Sector Licensees to provide the Cybersecurity to protect critical infrastructure and ensure the reliability of electricity supply. The speakers included Mr. Mehzaad Saher and Mr. Razi A. Farooqui, who have experience and expertise in information / Cyber security, provided valuable insights and guidance to the participants from entire power sector of Pakistan.



1.9 On June 20, 2023, the Chairman NEPRA, Mr. Tauseef H. Farooqi led and addressed the 12th webinar under the “Power with Security” initiative held at NEPRA HQ. The focus of webinar was Cybersecurity Implementation Roadmap for Electricity Distribution Licensees. The speakers Mr. Kashan Saeed, Chief of Party USAID, Dr.

Kashif Shahzad, CTO-PITC and Mr. Basit Shafiq, LUMS provided valuable insights about power sector cybersecurity building blocks, cybersecurity policies & procedures and detailed architecture for End Point Detection and Response for DISCO's. A large number of professionals from power sector of Pakistan attended webinar.



2. TARIFF DEPARTMENT

2.1 Hydropower

2.1.1 Laraib Energy Ltd.

- i. Decision of the Authority in the matter of Quarterly Indexation/Adjustment of Tariff (Jan-Mar 2023) (**Decision issued on May 29, 2023**).

2.1.2 Malakand-III HPP

- i. Decision of the Authority in the matter of Quarterly Indexation / Adjustment (Jan-Mar 2023) (**Decision issued on April 12, 2023**).
- ii. Decision of the Authority in the matter of Quarterly Indexation / Adjustment (April-June 2023) (**Decision issued on June 16, 2023**).

2.1.3 Star Hydro Patrind HPP

- i. Decision of the Authority in the matter of Quarterly Indexation/Adjustment of Tariff (Jan-Mar 2023) (**Decision issued on April 20, 2023**).
- ii. Decision of the Authority in the matter of Quarterly Indexation/Adjustment of Tariff (April-June 2023) (**Decision issued on June 9, 2023**).

2.1.4 Karot HPP

Decision of the Authority in the matter of Quarterly Indexation / Adjustment (Apr-June 2022 to Apr-June 2023) (**Decision issued on May 29, 2023**) **Shishi HPP**.

2.1.5 Jagran-I HPP

Decision of the Authority in the matter of Quarterly Indexation / Adjustment (Sep 2022-Aug 2023) (**Decision issued on May 5, 2023**).

2.1.6 Mria Power (Gulpur Hydropower)

Decision of the Authority in the matter of Quarterly Indexation / Adjustment (Jan 2023- Mar 2023) (**Decision issued on April 12, 2023**).

2.2 Thermal Power

2.2.1 Tariff Petitions are under process.

2.2.2 Fuel Price Adjustment, Quarterly Indexation, Insurance Adjustment, CV Adjustments and Withholding Tax Adjustment of various IPPs have been processed.

2.3 Distribution Tariff

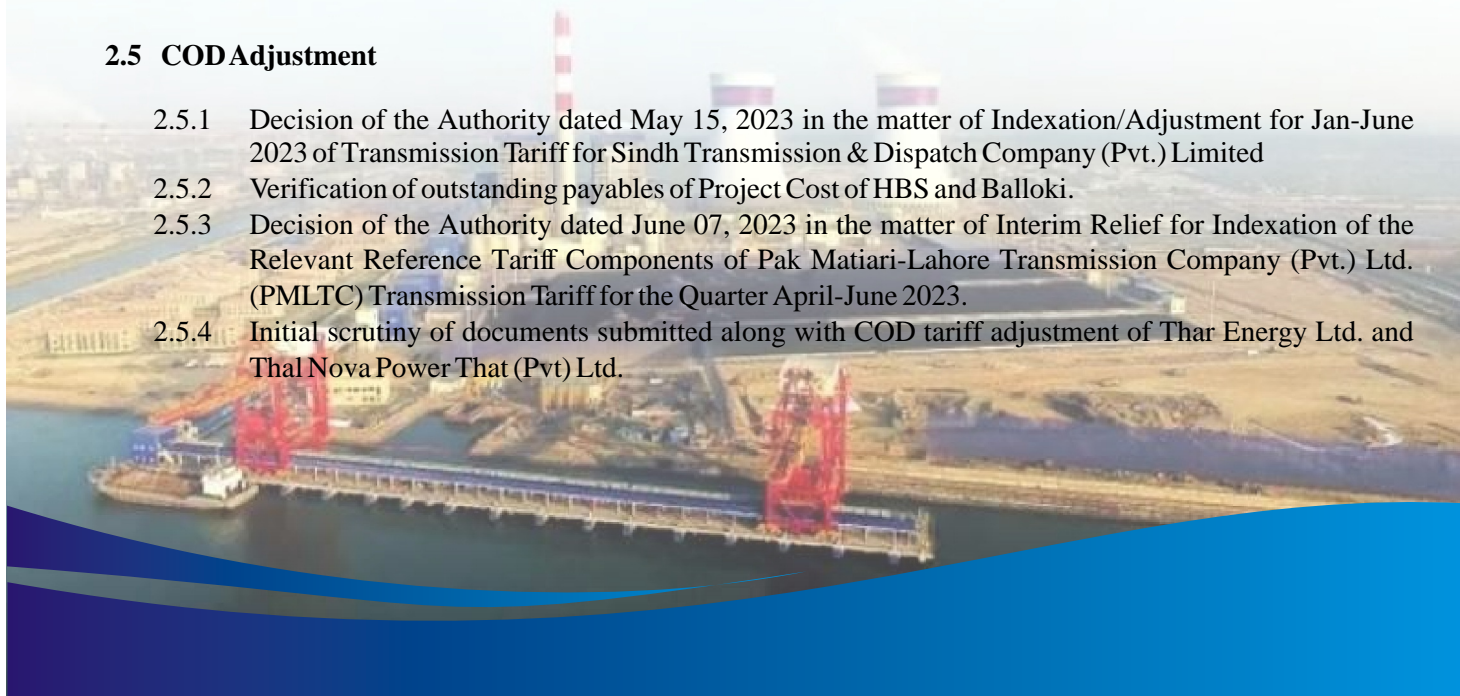
- 2.3.1 Decision of the Authority issued on 12.06.2023 in the matter of Fuel Charge Adjustment for the month of April 2023 for XWDISCOs.
- 2.3.2 Decision of the Authority issued on 25.05.2023 in the matter of Fuel Charges Adjustment for the month of March 2023 for XWDISCOs
- 2.3.3 Decision of the Authority issued on 18.04.2023 in the matter of Fuel Charges Adjustment for the month of February 2023 for XWDISCOs.
- 2.3.4 Decision of the Authority issued on 12.04.2023 in the matter of request filed by XWDISCOs for Periodic Adjustment in Tariff for the September to December 2022.

2.4 K-Electric

- 2.4.1 Decision of the Authority issued on 16.06.2023 in the matter of Monthly Fuel Charges Adjustment of K-Electric Limited for the month of April 2023.
- 2.4.2 Decision of the Authority issued on 06.06.2023 in the matter of request filed by Ministry of Energy and K-Electric for change in Applicability period regarding Earlier Decision of the Authority dated 19.05.2023.
- 2.4.3 Decision of the Authority issued on 22.05.2023 in the matter of Motion filed by the Federal Government under Section 7&31 of the NEPRA Act 1997 read with Rule 17 of the NEPRA (Tariff Standards and Procedure) Rules 1998 with respect to Recommendation of Consumer-end-Tariff for k-Electric.
- 2.4.4 Decision of the Authority issued on 19.05.2023 in the matter of Motion filed by the Federal Government under Section 7&31 of the NEPRA Act 1997 read with Rule 17 of the NEPRA (Tariff Standards and Procedure) Rules 1998 with respect to Recommendation of Consumer-end-Tariff for K-Electric.
- 2.4.5 Decision of the Authority issued on 11.05.2023 in the matter of Monthly Fuel Charges Adjustment of K-Electric Limited for the month of March 2023.
- 2.4.6 Decision of the Authority issued on 14.04.2023 in the matter of Monthly Fuel Charges Adjustment of K-Electric Limited for the month of February 2023.

2.5 COD Adjustment

- 2.5.1 Decision of the Authority dated May 15, 2023 in the matter of Indexation/Adjustment for Jan-June 2023 of Transmission Tariff for Sindh Transmission & Dispatch Company (Pvt.) Limited
- 2.5.2 Verification of outstanding payables of Project Cost of HBS and Balloki.
- 2.5.3 Decision of the Authority dated June 07, 2023 in the matter of Interim Relief for Indexation of the Relevant Reference Tariff Components of Pak Matiari-Lahore Transmission Company (Pvt.) Ltd. (PMLTC) Transmission Tariff for the Quarter April-June 2023.
- 2.5.4 Initial scrutiny of documents submitted along with COD tariff adjustment of Thar Energy Ltd. and Thal Nova Power That (Pvt) Ltd.



3. Licensing Department

3.1 Generation License

- i. The Authority granted Generation License (No. IGSPL/109/2023 dated June 12, 2023) to KOAK Power Limited for its 229.40 MW Asrit Kedam Hydel Power Project located on River Swat, District Swat.
- ii. The Authority granted Generation License (No. IGSPL/1 10/2023 dated June 12, 2023) to KA Power Limited for its 238.20 MW Kalam Asrit Hydel Power Project located on River Swat, District Swat.

3.2 Review Motion

- i. The Authority issued its determination dated April 04, 2023 rejecting the review motion of NTDC in the matter of grant of License to Khyber Pakhtunkhwa Transmission and Grid System Company (Pvt.) limited (KPTGSC) to act as Provincial Grid Company (PGC) for the province Khyber Pakhtunkhwa.
- ii. The Authority issued determination dated April 04, 2023 regarding review motion in the matter of grant of License to Sindh Transmission and Dispatch Company limited (STDC) to act as PGC for province of Sindh.

3.3 Distribution License

The Authority has granted Eight (08) distribution (Network/Wire) Licenses to XW-Discos including IESCO, PESCO, QESCO, GEPCO, MEPCO, HESCO, FESCO and LESCO, Bahria Town (BTPL)/Ibd/Rwp/Lahore and PECHS.

3.4 Supply License

The Authority has registered/ admitted Twenty Three (23) applications for the grant of Supply Licenses including IESCO, PESCO, GEPCO, FESCO, LESCO, MEPCO, QESCO, FESCO, HESCO, SEPCO, TESCO, KEL, PIEDMC-Sunder Project, PIEDMC-Vehari Project, PIEDMC-Bhalwal Project, Rashakai Special Economic Zone, Maple Leaf Power Limited, Lucky Energy Private Limited, Shams Power Limited, Innovative Energy Solutions (Private) Limited, Aquagen (Private) Limited, Nishat Mills Limited all these are in advance stage of processing.

3.5 Net-metering

The Authority granted **356** Distributed generation net metering licenses (more than 25 KW) having cumulative capacity of **52.59 MW** during the period under consideration.

3.6 IGCEP (2022-31)

In light of the direction of the Authority, NTDC has submitted assumption sets for preparation of next

iteration of IGCEP 2023-33 for approval of the Authority. The said assumptions are under deliberation of the Authority and are expected to be finalized shortly.

3.7 Licensee proposed Modification (LPM)

- i. The Authority approved LPM-II in the generation License (No. WPGL/43/2017) dated June 16, 2023 of Trans-Atlantic Energy (Pvt.) Limited for enhancement of capacity from 48.3 MW to 49.5 MW.
- ii. Modification under process include WAPDA, Siachen Energy Limited, Central Power Generation Co. Ltd. (CPGCL) GENCO-II, Nizam Energy, Thar Coal Block-I Power Generation Company (Pvt.) Limited, Thar Energy Limited, Western Energy (Pvt) Limited, Uzghor Hydro Power Company (Pvt) Limited.

3.8 Independent Auction Administration (IAA)

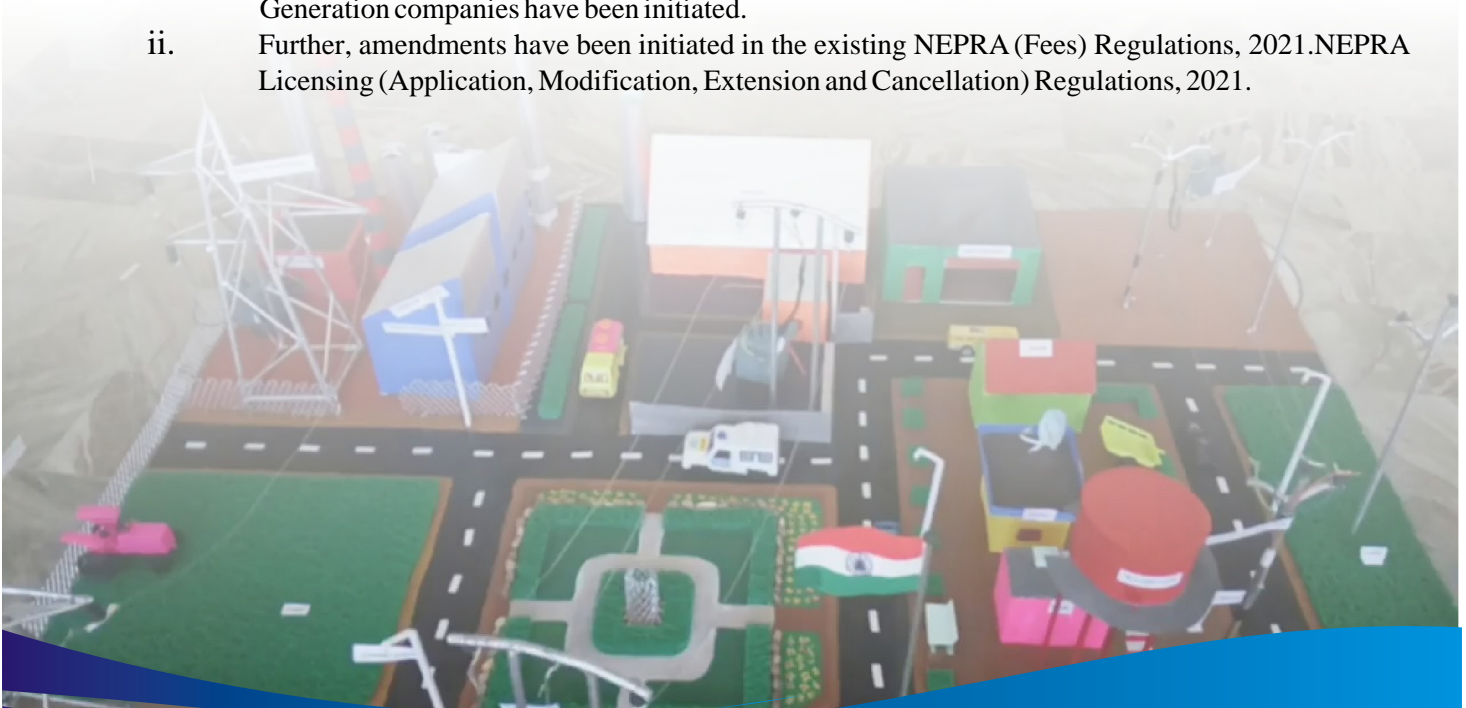
The Authority has decided the Two (02) applications of PPIB & AEDB to act as IAA for the conventional and RE projects respectively.

3.9 Registration as Special Purpose Agent (SPA)

The Authority is processing the application of CPPA-G to work as SPA to administration the legacy contracts of IPPs and other related matters. The same is in advance stage of processing.

3.10 New Regulations and Amendment

- i. In terms of the requirements of the NEPRA Act draft regulations for Connectivity Standards for Generation companies have been initiated.
- ii. Further, amendments have been initiated in the existing NEPRA (Fees) Regulations, 2021. NEPRA Licensing (Application, Modification, Extension and Cancellation) Regulations, 2021.



4. CONSUMER AFFAIRS DEPARTMENT & COMPLAINTS MANAGEMENT

4.1. Major Cases

- i. Complaint filed by Mr. Naveed Hassan, Alliance Healthcare Pvt. Ltd. against PESCO regard correction of bill.
- ii. Decision/Determination of the Authority in the matter of handing/ taking over of electrical distribution network of Bahria Town Private Limited (BTPL) by IESCO.
- iii. Complaint filed by Mr. Abdul Samad, Managing Partner Mehmood Khan Agricultural Foundary against QESCO regarding detection billing in December 2022.
- iv. Complaint filed by Mr. Asif Hussain representative of M/s Oreal Ceramics Bhalwal against FESCO regarding non-energization of independent 11kV B-3 connection.
- v. Complaint filed by Mr. Alam Khan against LESCO regarding detection bill & replacement of meter.
- vi. Complaint filed by Mr. Khalil ur Rehman, Advocate on behalf of M/s Ishaq Textile Mills Ltd. against FESCO regarding issuance of additional demand notice for replacement of 11kV conductor.
- vii. Complaint filed by Mr. Muhammad Khurram Shehzad, CHRO, M/s Frontier Foundry Steel (FF Steel) against PESCO regarding MDI Charges / Fixed Charges.
- viii. Complaint filed by Mr. Janab Ali against PESCO regarding correction of bill.
- ix. Complaint filed by Mr. Muhammad Abdullah against LESCO regarding excessive billing.
- x. Complaint filed by Mr. Arshad Iqbal against GEPCO regarding wrong billing.
- xi. Complaint filed by Mr. Muhammad Anwar against LESCO regarding excessive billing & restoration of electricity supply.
- xii. Complaint filed by Mr. Muhammad Afzal against LESCO regarding arrears in the bill.
- xiii. Complaint filed by Ch. Ijaz Ahmed against LESCO regarding detection bill.
- xiv. Complaint filed by Mr. Muhammad Imran against LESCO regarding arrears in the bill.
- xv. Complaint filed by Mr. Mazhar Abbas against LESCO regarding excessive billing.
- xvi. Complaint filed by Mr. Sukhan Ilyas, Director (Law) EOBI (B&C-II) Lahore against LESCO regarding wrong billing.
- xvii. Complaint filed by Mr. Jan Nisar against PESCO regarding detection billing.
- xviii. Complaint filed by Mr. Muhammad Waqar against PESCO regarding excessive billing.
- xix. Complaint filed by Mr. Munir Ahmed against GEPCO regarding non-provision of connection.
- xx. Complaint filed by Mr. Faizan Saeed Butt through Mr. Asif Ur Rehman against LESCO regarding delay in replacement of faulty backup meter & excessive billing.
- xxi. Complaint filed by M/s. Alfa Tower against KE regarding excessive billing & disconnection of electric supply.
- xxii. Complaint filed by Mr. Rekhmeen Khan against KE regarding outstanding dues.
- xxiii. Complaint filed by CEO, MEPCO against NTDC, CPPA-G & PARCO regarding shifting of CDP point from existing 220kV TPS Muzaffargarh to 220kV PARCO Qasba Gujrat Grid Station.
- xxiv. Complaint filed by Mr. Muhammad Umar Nisar against GEPCO regarding excessive billing.
- xxv. Complaint filed by Mst. Gulnaz Hayat vs FESCO regarding additional demand notice.
- xxvi. Complaint filed by Mr. Muhammad Akhtar vs LESCO regarding excessive billing.

- xxvii. Complaint filed by Mr. Muhammad Mushtaq, CEO, Al-Rehman Garden against LESCO regarding handing/ taking over of overhead external electrification system.

4.2 Hearings conducted

A total No. of 682 hearings were conducted (including online, Head Office and in Regional Offices) by Consumer Affairs Department during the period April June 2023 and directions were issued accordingly.

- i. A consultative session has been conducted on May 15, 2023 w.r.t. clarification/ amendments in Consumer Service Manual (CSM).
- ii. HESCO, SEPCO, PESCO & TESCO have been directed to justify low recovery ratio of detection bills.
- iii. Notice taken by Authority against PESCO regarding provision of supply to unregistered consumers on 11kV feeder.
- iv. Visit of NEPRA representative to KE IBC Tipu Sultan to observe anomalies in customer facilitation on directions of the Authority.
- v. Development of mobile application is in process for filing of complaints.
- vi. The authority conducted public hearings regarding application of fixed charges and tariff for Cold Storages on May 10, 2023 and June 06, 2023.
- vii. All DISCOs have been conveyed directions of the Prime Minister of Pakistan (received through Task Management) System regarding giving priority on supply of power to industrial and commercial concerns over other consumers.
- viii. On directions of the Member (Tech. /CA) all DISCOs have been directed to submit reports on the complaints referred by Consumer Affairs Department within seven (07) days.
- ix. In order to maintain the quality of service provided to consumers, NEPRA Regional Offices have been directed to conduct snap checks of complaint redressal mechanisms of DISCOs during the summer season. DISCOs have also been directed to keep the record of complaint redressal readily available at all the times and dedicated team/ officers for real time redressal of consumer complaints during the summer period.
- x. Directions have been issued to Bahria Town Private Limited (BTPL) to stop the practice of disconnecting electricity supply against maintenance charges of the consumers of BTPL who have paid their electricity bills.
- xi. In order to facilitate the consumers, all DISCOs have been directed to ensure disconnection / reconnection of electricity supply in case of temporary disconnection within four (04) working days after completion of codal formalities.

5. CTBCM DEPARTMENT

5.1 Achievement of CTBCM

- i. The team actively participated in the processing and formulation of the SPA Code, distribution License template, and performance standards. Additionally, the Ex-WAPDA DISCOs submitted a combined Power Acquisition Programme (PAP) under the NEPRA Electric Power Procurement Regulations, 2022. In order to enhance their understanding and to facilitate further processing of the PAP, a five-day session was organized involving DISCOs and relevant stakeholders. This session aimed to develop a deeper understanding of the PAP and its implications.
- ii. CTBCM team has taken the initiative to develop comprehensive process flows that explain the recently notified Regulatory Framework. These process flows serve as a valuable resource for understanding the intricacies and requirements of the regulatory framework, aiding in effectively navigating the newly developed Regulations.

6. Monitoring & Enforcement Department

6.1 Generation

- i. The Authority imposed a fine of Rs. 100 Million on CPGCL on account of raising invoices pertaining to excess capacity payments.
- ii. The Authority imposed a fine of Rs. 50 Million on CPPA-G on account of making excess capacity payments to CPGCL in respect of different units/machines of TPS Guddu.
- iii. The Authority imposed a fine of Rs. 10 Million on CPPA-G on account of extension in term of the PPA signed with KAPCO by 485 days without prior approval of the Authority.
- iv. NEPRA concluded legal proceedings against CPGCL on account of its failure to restore the damaged Unit 14 within a reasonable timeframe and imposed a fine of Rs.50 Million on CPGCL.
- v. A hearing was held in the matter of Show Cause Notice issued to WAPDA on account of non-performance of Golen Gol Hydro Power Project since its commissioning.
- vi. Separate Notices of Demand were issued to China Power Hub Generation Company, Port Qasim Electric Power Company, Huaneng Shandong Ruyi (Pakistan) Energy (Pvt.) Ltd., Uch-II Power (Pvt.) Ltd., Engro Powergen Thar (Pvt.) Ltd. and Engro Powergen Qadirpur Ltd. in order to recover the fine imposed by the Authority in lieu of the total power system collapse occurred on 09.01.2021.
- vii. The power system collapsed on 23.01.2023 which plunged the whole country into darkness and the system was completely restored on 24.01.2023. Accordingly, after examining and analyzing the matter in detail, an inquiry report was furnished which was considered and deliberated by the Authority and directed to issue recommendations of the IC to NTDC, KE and WAPDA for compliance. The same were communicated to all of them vide separate letters dated 09-June-2023.
- viii. M&E is monitoring generation dispatch of KE and NTDC for operation of their plants in accordance with their respective Economic Merit Orders (EMOs) or otherwise. NEPRA's effective oversight has led to a substantial improvement in the System Operation of KE and NTDC, resulting in a substantial

reduction of financial impact incurred due to inefficiencies of system operation and violation of Economic Merit Order.

- ix. M&E highlighted the issue of EMO violation due to delayed construction 500KV of Thar-Matiari Transmission line. Due to the effective oversight of M&E, the transmission line was completed on 9th May 2023 and the consumers are able to enjoy economical energy from Thar coal projects.

6.2 Transmission

- i. Transmission Data Exchange Portal was developed and all transmission licensees were directed to submit their data on NEPRA data exchange portal regularly.
- ii. Review of Progress of Interconnection Arrangements for different power projects is being monitored regularly. In this regard, a meeting is likely to be scheduled in July, 2023
- iii. Legal Proceedings against NTDC in the matter of Partial Blackout at 500 kV Jamshoro Grid Station and the Case Officer Report is under preparation.
- iv. Legal Proceedings against NTDC in the matter of Tower Collapse in Wake of Cyclonic Winds and the Case Officer Report is under preparation.
- v. Legal Proceedings against NTDC on the issues pertaining to Jhimpir-II Grid Station and the Case Officer Report is under preparation.
- vi. Investigation against NTDC under Section 27A of the NEPRA Act on account of Fatal Accident. A Fine order has been prepared and submitted to the Authority for signature.
- vii. Inquiry report in the matter of Total Power System Collapse occurred on 23 January 2023. In this regard, a letter was again issued to NTDC on 05 July 2023 for submitting its reply within twenty (20) days.
- viii. Inquiry report in the matter of Total Power Blackout in the country occurred on 13 October 2022. A letter was issued to NTDC on 06 July 2023 for submitting its reply within thirty (30) days.
- ix. Non-compliance of the Authority's direction by NTDC with respect to reimbursement of power dispersal cost to Nandipur. The Authority's directions were conveyed to NTDC and NPGCL vide letter dated 05 July 2023.

6.2.1 Fatal Accidents

- i. 500 KV Dadu Grid Station. **In this regard**, NTDC was directed to submit the compliance progress report on the recommendation of the Preliminary Inquiry Report.
- ii. Khair Bux, LM-2. In this regard, NTDC was directed vide letter dated 16 January 2023 to submit the and detailed inquiry and progress report on the recommendation of the Preliminary Inquiry Report.

6.2.2 Non-Fatal Accident

500kV Yousifwala G/Station. In this regard, a letter on 22 June 2023 was sent with directions to submit

a detailed progress report along with progress, expected timelines & actions taken by NTDC upon the recommendations of the Inquiry Committee.

6.3 Distribution

- i. NEPRA issued Explanations to HESCO, SEPCO, QESCO, PESCO and K-Electric and hearing in the matter has also been held regarding AT&C based load shedding carried out in their service territories.
- ii. The Authority ordered an Investigation under Section 27A of the NEPRA Act, against LESCO and UET-KSK Campus on account of a Fatal Accident occurred at UET-KSK Campus, Lahore. Based on the Investigation Report, legal proceedings were initiated against LESCO & UET KSK and fine of Rs. 10 million was imposed upon both entities. UET was also directed to compensate the victim family along with a job to next of kin. UET KSK has filed a review petition against Order of the Authority. However, LESCO has filed an appeal in NEPRA Appellate Tribunal.
- iii. During the investigations conducted by NEPRA regarding fatal accidents occurred in different DISCOs, it was observed that the distribution facilities of DISCOs particularly Poles, Structures, etc. lack earthing/grounding which is one of the major causes of occurrence of fatal accidents. The Authority took serious notice and a hearing/meeting in the said matter was also held wherein, all CEOs of DISCOs participated and were directed to submit a comprehensive plan along with specific timelines for execution of earthing of all HT/LT poles/structures. In response, DISCOs showed poor performance in executing the task and rectify such serious hazards. Therefore, the Authority decided to initiate legal proceedings against DISCOs on account of showing non-compliance towards the directions of the Authority. Accordingly, Explanations have been issued to all DISCOs.
- iv. Based on the data pertaining to pending ripe connections via online portal, the Authority directed to initiate legal proceedings against PESCO, IESCO, GEPCO, FESCO, LESCO, MEPCO, and K-Electric. During hearings, DISCOs were directed to clear all pendency within one month and submit a compliance report to NEPRA. Further, while regular monitoring of pending connections on monthly basis, the performance of GEPCO remained worst in the month of May, 2023. The same was considered by the Authority and directed to issue Show Cause Notice to GEPCO which has been issued on 09.06.2023 on account of increasing number of Pending Ripe Connections despite strict direction of the worthy Authority along with several reminders.
- v. The Authority vide its decision directed to issue an explanation to IESCO on the matter of delay in grid inter-connection of Access Solar Pvt. Ltd and Access Electric Pvt. Ltd and subsequent loss to the national exchequer. Accordingly, an explanation was issued to IESCO and a hearing in the matter was also held. Moreover, the Authority considered the submissions of IESCO and found unsatisfactory and decided to issue a Show Cause Notice. Accordingly, the same was issued and a hearing in this regard has been scheduled on 01.08.2023.
- vi. Keeping in view the installation of AMI/AMR meters at PMT level by K-Electric (KE), the Authority directed KE to carry out load shedding at PMT level instead of feeder level through remote disconnection/re-connection in order to facilitate the good paying consumers. In this regard, KE was also directed to submit PMT wise load shedding plan instead of feeder-wise. However, KE submitted number of challenges to achieve the task. Time & again, KE was strictly directed to find solution for

remote disconnection/re-connection by exploring design and development opportunities. Further, online meetings with KE's team were also held and some solutions were also shared with KE by the NEPRA team. However, the compliance by KE, to carry out PMT-wise load-shedding instead of feeder-wise was not made. Therefore, NEPRA initiated legal proceedings and issued an Explanation to KE.

7. Technical Department

The cases processed by Technical Department during April-June 2023 are as follows:

- 7.1 Determination of Benchmark Tariff on RFP for competitive Bidding of 600 MW Solar Project at Muzaffargarh.
- 7.2 Approval of PPAs/ Amendment of PPAs of following projects:
 - I. WAPDA
 - ii. Daral Khawar HPP
 - iii. Dadu Energy Pvt. Ltd.
 - iv. Shikarpur Power Pvt. Ltd.
 - v. Omni Power Pvt. Ltd.
- 7.3 Provision of detailed comments to departments at different stages of Tariff & Licensing for following projects:
 - i. Taunsa HPP
 - ii. Gulpur HPP
 - iii. Karot HPP
 - iv. WAPDA
 - v. Matiltan HPP
 - vi. Western Energy (Pvt.) Limited- Wind IPP
 - vii. HNDS, Helios & Meridian Solar PV Project
 - viii. Transatlantic Energy (Pvt.) Limited
- 7.4 Technical Evaluation of bids for tender titled "Comprehensive Assessment/Verification of Market Transactions Performed by CPPA-G for FY 2018-19, FY 2019-20, FY2020-21 & FY 2021-22.
- 7.5 Verification of technical factors for monthly FCAs and quarterly adjustments in CPPA-G and K-Electric System.
- 7.6 Provision of detailed comments regarding Energy Transition Mechanism workshop of ADB to assist Pakistan in the matter of transition to clean & Green energy-based power generation by reducing the risk of High-Carbon emissions from Coal-Fired plants in the environment.
- 7.7 Approval of Heat Rate number for BQPS II in case of gas compressor operations in different configuration for adjustment in monthly FCA's calculations.

- 7.8 Determination of Investment Plans and Losses Assessment of LESCO, IESCO and FESCO for tariff control period from FY 2023-24 to FY 2027-28.
- 7.9 Provision of comments on report titled “Regulatory Interventions on Grid Discipline and Grid Reliability in the South Asian Region, published by SAFIR formulated under Central Electricity Regulatory Commission (CERC), India.
- 7.10 Observance of Heat Rate of BQPS III.
- 7.11 Issuance of letters to stakeholders for provision of data for State of industry Report, 2023.

8. HEALTH/SECURITY ENVIRONMENT (HSE) DEPARTMENT

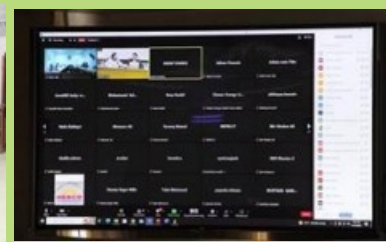
- 8.1 A webinar on "Fire Load Calculation" was hosted in collaboration with Quaid-e-Azam Thermal Power (Pvt) Limited for the Power Sector professionals to celebrate the UN/ILO World Day for Safety and Health at Work, as part of NEPRA's initiative "Power with Safety". In this session, participants learnt about fire load calculation in order to ensure that buildings and other structures are designed and equipped to withstand potential heat and flames of a fire.





8.2 A webinar on "Legal & Safety Requirements for Bulk Power Consumers" was hosted for the Power Sector professionals, as part of NEPRA's initiative "Power with Safety" on May 26, 2023. In this session, BPC's learnt about Safety Standards envisaged in Performance Standards (Distribution) Rules 2005, Distribution Code, Consumer Service Manual, and Power Safety Code to minimize potential incidents.

8.3 The National Electric Power Regulatory Authority (NEPRA) organized an awareness session on "Work Permit" under its vision 'Power with Safety' on June 13, 2023. The loopholes in the existing work permit system of the distribution companies are leading to frequent accidents in the sector, therefore NEPRA developed the Work Permit Form in Urdu language to ensure the safety of the workers in the field.



8.4 On June 23, 2023 NEPRA conducted an emergency drill with CDA to ensure that proper emergency readiness and response is in place to limit and control the consequences of an on-site emergency.



National Electric Power Regulatory Authority
Islamic Republic of Pakistan

NEPRA
Power with Safety

NEPRA
Emergency Management Plan

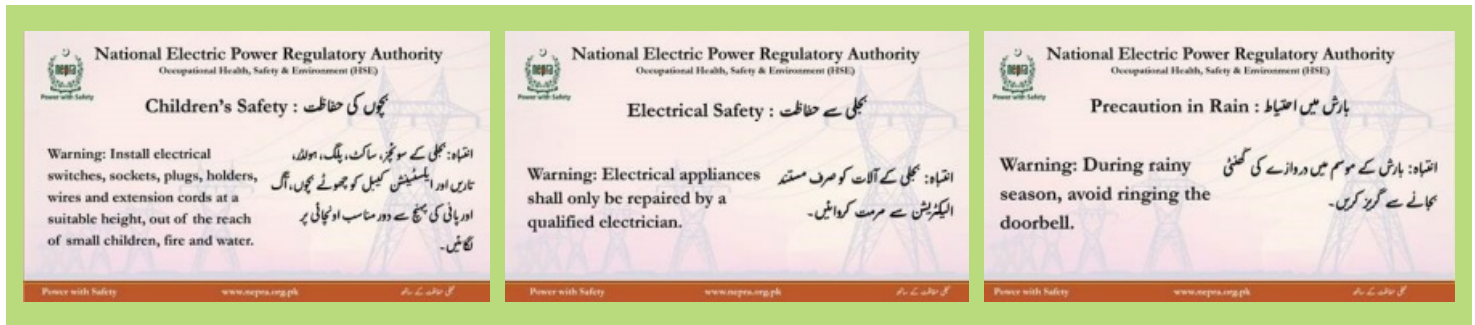
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8.5 The Honorable Authority has approved the NEPRA Emergency Management Plan to Comply with Section 14.13.2.1 of the Building Code of Pakistan-Fire Safety Provisions-2016. The Emergency Management Plan is developed to provide fundamental knowledge regarding potential emergencies, respective responsibilities, and the mechanism to effectively manage and minimize the consequences. The potential emergency scenarios include Medical Emergencies, Fire Emergencies, Utility Failures, Elevator Failures, Earthquakes, Floods, and Terrorist Attacks.



8.6 NEPRA's 'Power with Safety' initiative aims to protect consumers' lives. In order to raise public awareness, NEPRA has launched continual safety campaigns on Social and Print Media.



9. CORPORATE SOCIAL RESPONSIBILITY (CSR) DEPARTMENT

9.1 NEPRA CSR Department held various events during the 2nd quarter of 2023. On April 29, 2023, Chairman NEPRA visited the site of Lucky Cement Limited and inaugurated the Power with Prosperity Wall (PwP Wall) built by Lucky Cement Ltd. On the same day, Chairman NEPRA on the invitation of Dr. Abdul Bari Khan, Founder & President of Indus Hospital, Karachi visited newly established block of the hospital as well as other facilities provided to the patients free of cost.



Group Photo at the visit of Indus Hospital, Karachi



Chairman NEPRA inaugurated visited Lucky Energy Limited for inauguration of Power with Prosperity Wall



Executive Director, Indus Hospital presented the shield to Chairman NEPRA



Chairman NEPRA planted a tree at Lucky Energy Power Plant

9.2 NEPRA CSR Team hosted a Seminar/Webinar on May 17, 2023 in collaboration with Rotary International at NEPRA Headquarters, Islamabad. Rotary International Director presented the idea of “building up sustainable smart villages” in flood-hit areas before NEPRA Licensees. On May 25, 2023, Chairman NEPRA visited Star School, Islamabad Model School for Girls (IMSG), Badia Qadir Bakhsh set up by Pakistan Alliance for Girls Education (PAGE).

9.3 Chairman NEPRA visited Durbeen, a Social Welfare Organization on June 2, 2023 run by Salma Ahmed Alam with the help of her husband and renowned singer Shehzad Roy. Chairman also visited Govt. Elementary College of Education, Hussainabad Karachi taken over by Durbeen where they are offering 4-years Undergraduate program to train teachers to teach in Grades 1-8 in govt. schools. On June 3, 2023 Chairman NEPRA visited the Saylani Welfare International Trust, Head Office Karachi and lauded the performance of Saylani for provision of free food, water and shelter projects to unprivileged class of society. Another commendable project is Saylani Mass IT (SMIT) project in which they are imparting most modern IT education to thousands of youngsters, free of cost. On June 21, 2023, NEPRA conducted an Open House Seminar/Webinar about Pakistan's First smart female security solution “IYZIL APP” for female employees of Public/Private Sector Organizations at NEPRA Headquarters. Female employees of public/private sector attended the seminar in-person. Whereas, on June 22, 2023, NEPRA held an appreciation ceremony to honor the KE 7/11 Innovation Challenge Finalists. Top-10 engineers/finalists participated in the event and presented their innovative projects before the power sector of Pakistan.





Chairman inaugurated a new library setup by Durbeen at Govt. Elementary College of Education, Hussainabad, Karachi



Chairman visited Durbeen, a Social Welfare Organization run by Salma Ahmed Alam with the help of her husband and renowned singer Shehzad Roy



Mr. Mehroze Rafique, CSR Head presenting appreciation Souvenir to Mr. Qasim Mueen, CEO Iyzil App



Mr. Qasim Mueen, CEO Iyzil responding to the participants in Q&A Session at Iyzil App Seminar



KE 7/11 Finalists attending the ceremony in-person.



Chairman's opening remarks at KE 7/11 Ceremony



Chairman NEPRA presenting souvenir to KE Team



Group Photo with KE 7/11 Innovation Challenge Finalists

10. COORDINATION & IMPLEMENTATION (C&I)

10.1 Regulatory Meetings & Hearings

i. On June 06, 2023 Public hearing regarding application of Fixed Charges and Tariff Category for Cold Storages was held at NEPRA Tower, Islamabad. The Authority heard the petitioners as well as the stakeholders.



ii. On June 09, 2023 Mr. Mathar Niaz Rana (nsc), Member (Tariff & Finance) NEPRA held a meeting with Secretary Power AJK and CEO of K-Electric and his team regarding Facilitation of Power Development initiatives in AJK.

iii. On May 31, 2023 NEPRA hold three consecutive Public Hearings regarding Fuel Charges Adjustments of XWDISCOs and K-Electric for the month of April, 2023 and Quarter adjustment period ended March 2023 of K-Electric at

NEPRA Tower, Islamabad. The Authority heard the petitioners as well as the stakeholders and will announce its decisions in due course of time

iv. A total of 38 Hearings were held in addition to 89 Regulatory Meetings of the Authority.



11. Information Technology (it)

11.1 Under the Power with Security Drive, a workshop on “NEPRA Cybersecurity IT/OT Regulations Implementation Roadmap” was held on 16th May, 2023 in collaboration with Siemens and ACET Solutions to brief the participants about cybersecurity roadmap strategies, outlining near-term, mid-term, and long-term implementation milestones. It was further explained OT Cybersecurity is a shared responsibility and every stakeholder has to work on their part to achieve the Zero Trust Architecture.

11.2 The 2nd webinar was held on 12th June, 2023 in collaboration with KE and Engro. The importance of having cybersecurity skilled resources and cybersecurity awareness and trainings for whole organization was discussed. The participants were briefed about Governance framework, Hardening of Industrial Control Systems and implementation roadmap for Operational Technology Cybersecurity.

11.3 The 3rd webinar was held on 20th June, 2023 in collaboration with USAID and PITC. The focus of the webinar was cybersecurity for Distribution Network. The detailed architecture of the End Point Detection and Response and capacity building plan of DISCO's staff was discussed with detailed discussion on asset management, access control, network security, secure configuration and hardening policies.



11.4 Two meetings of the Power CERT were held on 5th April and 6th June to discuss the PowerCERT framework, Cybersecurity Audit Firms Registration Criteria, Cybersecurity Incident Reporting Form, Compliance Portal and Cybersecurity Phase-I Assessment form for Licensees.



12. ADMINISTRATION/HUMAN RESOURCE/MEDIA

12.1 NEPRA External Audit 2022-23

Auditor General of Pakistan (AGP)'s team of Auditors visited NEPRA for external audit of NEPRA for FY 2022-23 the Auditor team was welcomed at “Branch Audit Office” was established within NEPRA Tower and facilitated by the Administration Department. The team was provided with all the required documents for successful Audit.

12.2 Tender(s) for miscellaneous projects

- i. Hiring of Services of State Owned Entity for Procurement of Human Resources; 04/2023.
- ii. Hiring of Services of Consultant/Consulting Firm/ Joint Ventures to Carry out Comprehensive Assessment/ Verification of the Market Transactions performed by Central Power Purchasing Agency (Guarantee) Limited (CPPA-G) for FY 2018-19, FY 2019-20, FY 2020-21, FY 2021-22 & July-December 2022; 05/2023.
- iii. Physical Archiving of Old Record; 06/2023.

12.3 Mehfil Khatam-e-Quran

Khatam e Quran Mehfil was held at NEPRA Masjid on April 13, 2023 (the Holy month of Ramadan), which was ended with a soul inspiring dars and dua, tea & sweets were also arranged for the participants of the said ceremony. The event was enthusiastically attended by a large number of NEPRA employees including the Chairman, Director General Administration & HR and all Members of the NEPRA Authority. Qari Hafiz Talat Amin and the Imam Masjid were also presented with souvenirs with cash reward in favor of each.



13. HUMAN RESOURCE (HR)

i. Recruitment Process & On boarding of fresh Human Capital

During the second quarter of the current year i.e. April-June, 2023 NEPRA in order to fill up the gaps with the appropriate resources hired the services of contingent employee namely Mr. Zain Ullah (helper), and also initiated the process of hiring more human resources and hired the services of Institute of Business Administration (IBA)'s Testing Agency after detail qualitative and quantitative evaluation.

ii. Internship Opportunities

In order to meet the corporate social responsibility, Human Resources Department provided a platform of “NEPRA Internship Programme” for star academic performers, where students & fresh graduates could apply for gaining experience and increasing their marketability. During the second quarter NEPRA also provided internship opportunities to many graduates for practical exposure to the power sector and also to provide them rich experience of regulatory oversight of the power sector on technical, financial and HR matters.

iii. Training and development

Training & Development domain got operationalized within the HR Department in this quarter. Our training landscape consists of Management and Leadership trainings. NEPRA nominated its Professionals and Support staff for undertaking the trainings on personal development and soft skill related trainings.

During this quarter the HR Department also provided in house capacity building trainings to its employee in different fields, with an aim to develop and enhance knowledge, skills, learn latest market practices, ripen leadership potential so as to optimize efficiency and effectiveness at workplace *vis-a-vis* for better service delivery at the operational/strategic level to create value in the best national interest.

A training session “Gender Sensitization & Workplace Diversity and Inclusivity” was held at NEPRA Headquarter under NEPRA's initiative “Power with Equality” which was attended by large number of NEPRA employees.

iv. Review of NEPRA Service Regulations

To cater the challenges posed by the ever-growing expansion in terms of number of employees, inclusion of variable exigencies, incorporation of new realms and sections, the Authority decided to review NEPRA Services Regulations (NSR), two phases of which are in advance stage.

v. Monetary Incentives

During the second quarter of this year i.e. April to June 2023, NEPRA provided an ideal atmosphere

for employee motivation. As an employee sees the monetary incentives due to his/her contribution directly; feedback is swift and visible.

Monetary incentive occupies a major place in the mix of motivators that is why NEPRA provided “**EID Honorariums**” and a financial year bonuses to all the employees.

NEPRA Provided Advance By Way of Loan in this quarter and also invited applications for Car Loan in this quarter i.e. April to June, 2023.

vi. Hajj Pilgrimage 2023

The Hajj Balloting was conducted for the employees in this quarter and accordingly two employees namely Mr. Manzar Mehmood Kiani, Executive Secretary, C&I Department and Mr. Sher Zaman, Sr. Security Guard, Admin Department were selected.

vii. Enhancing the HR software

HR department decided to enhance the HR software i.e. ORACLE software for Human Resource Management or personnel administration. Besides, HR is in process of digitization of leave record in collaboration with IT Department. Through this online, storing, retrieving documents and approvals would be possible.

viii. Digitization of personal file:

Personal files of employees are assets particularly for HR Department. Accordingly, HR Department digitized all personal files of the employees and keeps updating them daily.

14. MEDIA

- 14.1 The Media Department in the 2nd quarter of the year 2023 has published a total of 74 advertisements in accordance with the Press Information Department (PID)'s Standing Operating Procedures (SOPs) and guidelines with subsequent uploading of the same on NEPRA website.
- 14.2 24 Press Releases and briefs of paramount importance were also shared with the external media personnel of print and electronic media and in-turn received huge coverage of the same as well as minimized misreporting. Apart from that, payment amounting to Rs. 11,407,817/- (11.4 Million) was also paid to the newspapers for the published advertisements.
- 14.3 Also ensured extensive coverage of various events/webinar in print and electronic media.