



NEWSLETTER 3rd QUARTER

(JULY - SEPTEMBER) 2022



**NATIONAL ELECTRIC
POWER REGULATORY
AUTHORITY**

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1. Major Updated – 3rd Quarter 2022

- 1.1 On August 22, 2022, Chairman NEPRA Mr. Tauseef H. Farooqi visited Pakistan Sweet Home (AFP) and met with the Angels and fairies of Pakistan Sweet Home on the invitation of Zamurrad Khan (Hilal-e-Imtiaz) who is fostering over 1,600 Orphan Kids from kindergarten to university level students. The best thing is that he is so determined to make them the best human beings whilst achieving the top positions in their fields of interest.



- 1.2 On August 25, 2022 the Deputy Managing Director (DMD) on behalf of the NTDC, submitted the System Operator License and the draft Grid Code for NEPRA's approval. Chairman NEPRA appreciated the untiring efforts of the NTDC team and remarked that this was a fulfillment of the vision laid down by the WAPDA Restructuring Plan 1992. The submission marks a major milestone in CTBCM institutional reforms undertaken, envisioned as a critical action item under the CTBCM implementation roadmap approved by the Authority in November 2020

One of the most important entities to successfully implement and



manage the wholesale electricity market/CTBCM in Pakistan is the creation of an independent System Operator (SO). The first milestone in this journey was the grant of MO licence by the Authority and the Second was the grant of SO licence and approval of the new Grid Code by NEPRA.

The system operator will be responsible for operations, centralized scheduling, and despatch of power plants connected to the National Grid. The independence of the system operator will positively usher in cutting-edge technology and modern techniques to ensure transparent and efficient operations and economic despatch along with effective long-term system planning of the power sector of Pakistan.

After input from local and international consultants, the first draft of the new Grid Code was shared with NEPRA at the end of last year. Since then, NEPRA professionals worked tirelessly and engaged in numerous detailed consultative sessions with the NTDC team and local stakeholders to align the new Grid Code with the evolving face of the power sector in the light of CTBCM reforms. The Grid Code 2022, once approved, will supersede the existing Grid Code 2005. It addresses the technological developments in the electric power business, including renewable energy power plants and HVDC.

NEPRA acknowledges the efforts of the NTDC and all other stakeholders

that were a part of the development of the SO licence application and the draft Grid Code for achieving the ultimate re-structuring of NTDC as part of the institutional reforms envisaged under CTBCM. Moving forward, NEPRA will process the SO licence application along with the draft Grid Code following the applicable regulatory framework.

1.3 On August 30, 2022 a Consultative Session on CTBCM with APCMA & FMCG was held at NEPRA Auditorium.



1.4 On September 09, 2022 Chairman NEPRA, Mr. Tauseef H. Farooqi met Chairman Higher Education Commission, Dr. Mukhtar Ahmed at his office. The Chairmen mutually agreed that both Regulators of Power and Education will work together to take Industry-Academia linkages in Pakistan to an altogether new level

1.5 On September 24, 2022 a delegation headed by Mian Ahmed Hassan, Chairman Pakistan Steel Melters Association (PSMA) met Chairman NEPRA, Taseef H. Farooqi at NEPRA Head Office to apprise him about the problems faced by Steel Melters concerning electricity bills. Chairman NEPRA listened to all the complaints and demands presented by the delegation and assured the delegation that all their issues will be resolved soon.

1.6 On September 26, 2022, Secretary Energy, Government of Punjab, Mr. Muhammad Ajmal Bhatti and MD Punjab Power Development Board (PPDB), Ms. Saniya Awais called on Chairman NEPRA, Mr. Tauseef H. Farooqi at his office and discussed matters of mutual interest.



- 1.7 On September 27, 2022 H.E. Mr. Nong Rong, Ambassador of the People's Republic of China to Pakistan called on Mr. Tauseef H. Farooqi, Chairman NEPRA at his office and discussed matters of mutual interests.



- 1.8 Chairman NEPRA meet with the Korean Delegation under the leadership of Mr. Kim, Hoe Chun, President and CEO of Korea South-East Power Co. (KOEN); they have already built one hydro plant in Pakistan called MIRA Power (104 MW) and building two more in the next few years.



- 1.9 Chairman NEPRA met with the new Chairman WAPDA, Lt Gen Sajjad Ghani (Retd). Chairman WAPDA shared his plans for expanding WAPDA's hydropower generation in Pakistan.



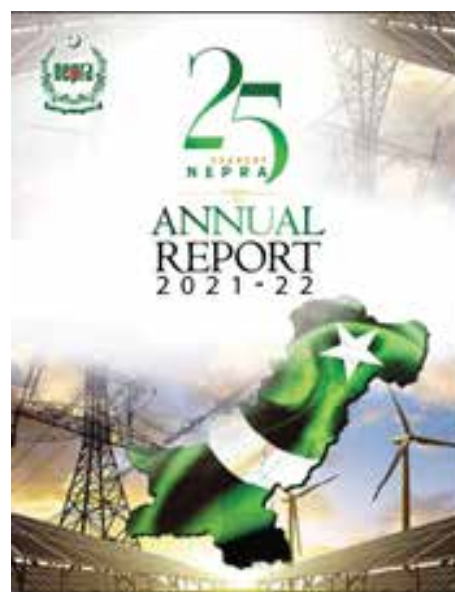
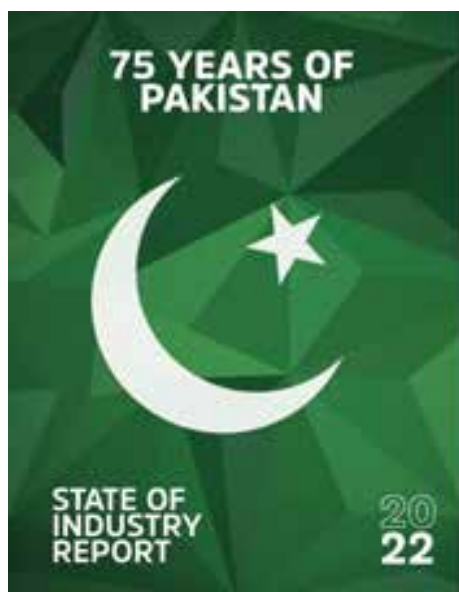
1.10 On September 28, 2022 Chairman NEPRA visited Karot Power Station, Pakistan's largest IPP based Hydro Power Project (720 MW) and inaugurated the Neonatal Care Unit and Emergency Block in the Kahuta



1.11 On September 28, 2022, Chairman NEPR participated in the inauguration ceremony of Gulpur Hydro Power Project developed by Korea Southeast Power Company.



1.12 September 30, 2022, NEPR under its statutory obligation published the State of Industry Report (SOI) 2022 and Annual Report 2021-22 at NEPR HQ. The SOI Report 2022 presents a detailed discussion and overview of the overall performance and issues of generation, transmission, and distribution segments of the power sector in Pakistan. The Annual Report delineates milestones reached and efforts made towards modernizing the sector and achieving NEPR's goal of affordable, reliable & sustainable electric power services to the consumers of Pakistan.



2. Tariff

POWER TARIFF

2.1 Hydropower

2.1.1 Laraib Energy Ltd.

- i. Decision of the Authority in the matter of Quarterly Indexation! Adjustment (Decision issued on July 7, 2022).
- ii. Decision of the Authority in the matter of Insurance Adjustment (Decision issued on July 22, 2022).
- iii. Decision of the Authority in the matter of Quarterly Indexation! Adjustment (Decision issued on August 01, 2022).

2.1.2 Star Hydro (Patrind HPP)

- i. Decision of the Authority in the matter of Quarterly Indexation I Adjustment of Tariff (Decision issued on August 17, 2022).
- ii. Decision of the Authority in the matter of Sales Tax on construction services & O&M imposed by Govt. of AJK (Decision issued on August 30, 2022).
- iii. Decision of the Authority in the matter of Quarterly Indexation / Adjustment of Tariff (Decision issued on September 19, 2022).

2.1.3 Trident Power

Decision of the Authority in the matter of Motion for Leave for Review (Decision issued on July 29, 2022).

2.1.4 Turtonas-Uzghor HPP

Decision of the Authority in the matter of Motion for Leave for Review (Decision issued on July 29, 2022).

3. Licensing

3.1 Generation License

The Authority granted generation licence to the following companies:

- i. Pakhtunkhwa Energy Development Organization (PEDO) for its 88.30 MW Run-of-River Gorkin-Matiltan hydel power plant located on Ushu river, near Kalam, District Swat, Khyber Pakhtunkhwa.
- ii. Burj DG (Private) Limited for its 0.251 MW solar based generation facility located at Pearl Continental Limited, Rawalpindi, Punjab.
- iii. Burj DG (Private) Limited for its 0.402 MW solar based generation facility located at Pearl Continental Limited, Peshawar, Khyber Pakhtunkhwa.
- iv. Burj DG (Private) Limited for its 0.250 MW solar based generation facility located at Marriott Hotel, Islamabad.
- v. GSOLAR Power (Private) Limited for its 4.793 MW solar based generation facility located at Crescent Bahuman Limited, Mauza Bahuman, Tehsil Pindi Bhattian, District Hafizabad, Punjab.
- vi. GSOLAR Power (Private) Limited for its 1.931 MW solar based generation facility located at Crescent Bahuman Limited, Mauza Bahuman, Tehsil Pindi Bhattian, District Hafizabad, Punjab.

3.2 Licensee Proposed Modification (LPM)

The Authority approved following LPM in the generation licences of the following companies:-

- i. Access Electric (Private) Limited and (no. SPGL/03/2013 dated August 22, 2013) of Access Solar (Private) Limited regarding change of the technology of its proposed generation facility from MonoCrystalline to Bifacial Mono-Crystalline PV Module(s);
- ii. Trans Atlantic Energy (Private) Limited regarding: (a). Change the expected COD; (b). Increase the term of the Generation Licence from twenty (20) years to twenty five (25) years from COD; (c). Change hub height from 137m to 95m; and (d). Change the net capacity factor from 38.29% to 37.90%.

3.3 Generation Licence Renewal

The Authority has granted renewal in the generation licence of Kot Addu Power Company Limited (KAPCO) for another three (03) years from the date of its expiry i.e. till September 21, 2024.

3.4 Net-metering

The Authority granted three hundred and fifty-five distributed generation net metering licences (more than 25 KW) having a cumulative capacity of 50.62 MW during the period under consideration.

4. Registrar

- 4.1 As per Registrar Office following Licenses / LPM / APMs and Determination/ Review Motions/PARs issued by Registrar:-
- i. Processed and granted six (06) Generation Licences while the Generation Licence of one (01) Licensee was extended.
 - ii. Processed and approved four (04) Nos. of Licensee/Authority Proposed Modifications (LPMs/APMs) in the already granted Licenses.
 - iii. Three hundred and fifty-five (355) Distributed Net Metering Licences have also been issued.
 - iv. Processed sixteen (16) Tariff Determinations/Review/Motions decisions/Power Acquisition Requests/Contracts (PARs/IPACs)
 - v. One hundred and fifty-six (156) tariff adjustments in respect of Generation, Transmission and Distribution companies.
- 4.2 As per the Registrar Office record, the following Rule(s) & Regulations have been promulgated during the reporting period.
- i. National Electric Power Regulatory Authority (Security of Information Technology and Operational Technology) Regulations, 2022 notified vide S.R.O.1708 (I)/2022 dated 06-09-2022.
 - ii. National Electric Power Regulatory Authority Licensing (Microgrid) Regulations, 2022 notified vide S.R.O.994 (1)/2022 dated 06-07-2022.
 - iii. Amendments in National Electric Power Regulatory Authority (Fees Pertaining to the Tariff Standards and Procedure) Regulations, 2002 notified vide S.R.O.995 (1)/2022 dated 05-07-2022.



5. Consumer Affairs & Complaints Management

CONSUMER PROTECTION

5.1 Major Cases decided

- i. Mr. Kashif Siddique vs LESCO regarding electricity supply issue & theft of transformer.
- ii. Mr. Usman Gul vs PESCO regarding withdrawal of late payment surcharge.
- iii. Syed Muhammad Jawad Ahsan vs LESCO regarding provision of separate connection.
- iv. Property/Plaza owner of Kohinoor City vs FESCO regarding non-provision of electricity connection.
- v. Mr. Muzammal Hussain vs LESCO referred by Lahore High Court, Lahore vide writ Petition No. 43000-22.
- vi. MEPCO against CPPA-G and FESCO regarding declaration of common delivery points. (CDP) at Channar Energy Limited Cogen. Power Plant for Import / Export of Power.
- vii. Mr. Falak Sher vs FESCO regarding issuance of additional demand notice.
- viii. Mr. Allah Bakhsh vs MEPCO regarding issuance of additional demand notice.
- ix. Sardar Obaid Wali vs MEPCO regarding delay in electrification/ issuance of additional demand notice.
- x. M/S Al-Tameer Properties vs K-Electric regarding load assessment.
- xi. Mr. Zulfiqar Ali Mallah vs SEPCO regarding arrears in the bills.

5.2 Hearing Conducted

Eight Hundred and Twenty (820) cases have been resolved after conducting hearings.



6. CTBCM

6.1 Achievement of CTBCM

- i. Following Three (03) regulations has been processed and finalized for approval and notification thereof in the Gazette of Pakistan:
 - b. NEPRA (Electric Power Procurement) Regulations, 2022,
 - c. NEPRA Open Access (Interconnection and Wheeling Power) Regulations, 2022,
 - d. NEPRA Licensing (System Operator) Regulations, 2022.
- ii. Conducted Roadshows in capital cities (Islamabad, Lahore, Karachi and Peshawar) across the country to create awareness among the stakeholders about the competitive electricity market and potential opportunities for investors i.e., electric power suppliers, traders, etc., and bulk power consumers to participate in the same.
- iii. Actively involved in the monitoring and implementation of the CTBCM test-run plan. In this regard, several progress review meetings with the implementing entities i.e., CPPA-G, NTDC/NPCC, and DISCOs were conducted. The team also reviewed the monthly test-run reports and preliminary as well as final settlement reports submitted by the market operator (MO) under the MO licence determination dated May 31, 2022, and approved market commercial code.



7. Monitoring & Enforcement

7.1 Generation


- i. A Show Cause Notice was issued to CPPA-G on 21.07.2022 on account of extension in term of the PPA signed with KAPCO by 485 days without prior approval of the Authority. Similarly, a Show Cause Notice was also issued to KAPCO on 21.07.2022 on account of extension in term of the PPA signed with CPPA-G by 485 days prior to filing an application for renewal of its generation license.
- ii. An order of the Authority was issued on 16.08.2022 regarding imposition of Rs. 50 Million fine on CPGCL for the total power system collapse that occurred on 09.01.2021.
- iii. A Show Cause Notice was issued to CPGCL on 17.08.2022 on account of raising invoices pertaining to excess capacity payments in respect of Units 1, 2, 3, 4 & 13 of TPS Guddu, non-filing of tariff petition despite repeated directions of the Authority and non-submission of rehabilitation plan in respect of Unit 13 of TPS Guddu despite repeated directions of the Authority. Similarly, a Show Cause Notice was also issued to CPPA-G on 17.08.2022 on account of making excess capacity payments to CPGCL in respect of Units 1, 2, 3, 4 & 13 of TPS Guddu.
- iv. A meeting of the Authority was held on 05.09.2022, wherein, the Authority rejected the review petition filed by NPGCL against Order of the Authority dated 18.02.2022 regarding the imposition of Rs. 25 Million fine on NPGCL on account of its failure to post sufficient O&M staff at the time of taking over of Nandipur power plant for job site training and to participate in O&M activities resulting in a shutdown of plant from 10.08.2015 to 25.10.2015 causing considerable generation loss and financial implications for the power sector.

- v. Hearings in the matter of Show Cause Notices issued to 16 Nos. of IPPs and K-Electric on total power system collapse that occurred on 09.01.2021 were held on 06.09.2022, 07.09.2022 and 08.09.2022, respectively.
- vi. A Show Cause Notice was issued to CPPA-G on 22.09.2022 on account of non-imposition of LDs on WAPDA on account of availing higher outages by its hydel power stations than allowed limit as specified in its PPA.
- vii. An Explanation was issued to CPPA-G on 23.09.2022 on account of non-submission of initialed PPAs/EPAs (including TPPAs of Azad Pattan and Kohala hydro power projects) for approval of NEPRA prior to execution of such documents.
- viii. M&E is monitoring generation dispatch of KE and NTDC for the operation of their plants in accordance with their respective Economic Merit Orders (EMOs). 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 the Economic Merit Order.
- ix. M&E finalized legal proceedings against CPPA-G and NTDC w.r.t to revision in minimum loading limits of AES Lalpir and AES Pakgen power plants and the Authority imposed a fine of Rs.10 million each on both entities.
- x. As per the direction of the Authority to investigate the excessive generation shortfall scenario during April 2022, an investigation committee comprising of four professionals from M&E and one professional from the Registrar office was established. The committee conducted a thorough investigation of selected generation companies, DISCOs, NTDC/NPCC & CPPA-G. In light of the investigation, the



committee presented its report to the Authority along with recommendations to avoid the recurrence of the scenario faced in April 2022.

7.2 Transmission

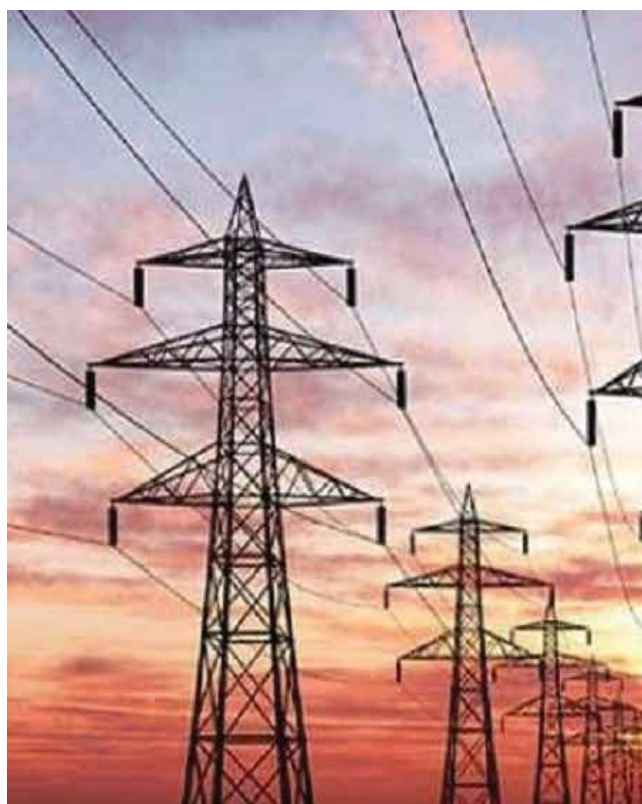
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- i. M&E transmission team in coordination with IT department has initiated the development of transmission data exchange portal for obtaining performance data from transmission licensees. In this reference, various meetings were held, wherein, detailed deliberations were made on the development of portal including reporting frequency, data formats, analysis aspects and other requirements (if any) keeping in view any amendment in the legislation. Three prototypes of the portal were developed and comments on each of them were provided to IT department for further improvement. A consultative session with the transmission licensees was held on 16-Sep-2022 wherein, detailed deliberations were made on each individual data reporting form of the portal. A letter has been sent to the licensees for test run by registering and acquiring their input/comments in writing to finalize it and go live on the portal for data reporting at the earliest.
 - ii. As per NEPRA Amendment Act, the first draft of Performance Standards (Transmission) Regulations 2022 has been prepared by incorporating other useful key performance indicators in light of the regional and international best practices. The said regulations were shared with the Consultants for comments.
 - iii. A fine of rupees 10 million has been imposed on NTDC on account of Partial Blackout at 500 KV Jamshoro Grid Station causing tripping and the event resulted in power supply failure to K-Electric and HESCO jurisdiction.
 - iv. A fine of rupees 10 million has been imposed on NTDC on account of

partial blackout occurred due to collapse of eight 500 kV towers in wake of cyclonic winds in southern part of the country.

- v. An explanation was issued to NTDC on 15-Aug-2022 on the issues pertaining to Jhimpir-II Grid Station. Some of the NTDC Grids including Jhimpir-II Grid was visited in May, 2022 to check the status of investments made for improvement in its southern network. The physical inspection revealed that the said grid station was operated under unsafe and inhumane conditions like no fencing & boundary wall, risk of damage by heavy rains, incomplete cable trenches in relay room & switchyard, no cable hangers, non-commissioning of digital process module, tap-changers, SCADA etc.
- vi. A Show Cause Notice was issued to NTDC on 30-Sep-2022 under section 27A of the NEPRA Act on account of Fatal Accident.

7.3 Distribution

- i. The Authority imposed a fine of Rs. 65 Million on IESCO on account of Fatal Accidents that occurred from July 2019 to June 2021. Further, the Authority also directed IESCO to provide compensation to bereaved families equal to the amount given in case of its employees and also provide jobs to the next kin of the victims. IESCO submitted the Review Petition against the said Order of the Authority. The said Review Petition was admitted by the Authority and a hearing in the matter has been held on 30.08.2022. The Case Officer Report on the matter is under the process of preparation.
- ii. The Authority initiated legal proceedings against MEPCO and issued a Show Cause Notice to MEPCO on account of Fatal Accidents that occurred from July 2019 to December 2020. Further, a hearing in the matter has been held on 04.07.2022. The Case Officer Report in the said matter has also been presented before the Authority on 01.09.2022, whereby the Authority decided to impose a fine of Rs. 28 Million on



MEPCO for violating NEPRA Laws, Rules, and Regulations. Further, the Authority also directed MEPCO to provide compensation to bereaved families of public persons equal to the amount given in the case of its employees and also provide jobs to the next kin of the victims. A detailed Order of the Authority has been prepared and is under process for the signatures of the Authority.

- iii. The Authority initiated proceedings regarding excessive load shedding being carried out by DISCOs in their service territories. The DISCOs are carrying out load shedding based on Aggregate Technical and Commercial (AT&C) losses on the feeders, however, this policy of load shedding is not in line with NEPRA Performance Standards and has never been recognized by NEPRA. The data regarding load shedding has been collected through all regional offices of NEPRA on weekly basis. In this regard, NEPRA issued letters to strictly warned all the DISCOs to avoid excessive load shedding in the future, failing which, appropriate proceedings shall be initiated under the relevant provision of NEPRA Laws, Rules, and Regulations against DISCO's management including concerned SE, XEN, SDO, and LS.



- iv. Further, the Authority also constituted an Investigation Committee to investigate the excessive load shedding during April-2022. The said Investigation Committee presented its Investigation Report before the Authority on 20.09.2022.

- v. The Authority initiated an Inquiry against LESCO and issued an Explanation to LESCO on account of a Fatal Accident that occurred at Kahna Bazar, Lahore. The response of LESCO against the said Explanation has been received and a hearing in the matter has been

scheduled for 17.10.2022.

- vi. The Authority constituted an Investigation Committee and initiated legal

proceedings against LESCO and UET-KSK Campus on account of a Fatal Accident that occurred on 28.02.2022 at UET-KSK Campus, Lahore. The Investigation Report on the matter has been prepared and presented before the Authority on 26.07.2022, whereby the Authority decided to issue Show Cause Notice to both LESCO and UET-KSK Campus for violating NEPRA Laws, Rules, and Regulations. The said Show Cause Notice is under the process of preparation.

- vii. During the investigations conducted by NEPRA Investigation Committees regarding Fatal Accidents in DISCOs, it was observed that the distribution facilities of DISCOs particularly Poles, Structures, etc. lack the earthing/grounding which is one of the major causes of occurrence of fatal accidents. The Authority took serious notice and decided to seek a comprehensive plan along with specific timelines from DISCOs for execution of earthing/grounding of 100% of their distribution system. A hearing/meeting in the said matter has also been held on 04.10.2022.
- viii. 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/connection of the power supply 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. Further, a meeting/hearing in the matter has also been held on 04.10.2022.
- ix. The M&E Department via online portal collects the data pertaining to the pending ripe connections from all DISCOs, on monthly basis. Based on the data received, the Authority initiated legal proceedings against PESCO, IESCO, GEPCO, FESCO, LESCO, MEPCO, and K-Electric, and accordingly, the explanations were issued. Hearings in the matter of explanations were also held. During hearings, the Authority categorically directed DISCOs to clear all pendency of connections within one month and submit a compliance report to NEPRA in this regard. Further, the Authority also directed M&E department to verify the data submitted by DISCOs through the said portal, as discrepancies in IESCO's data have been witnessed.

8. Technical



Technical Department arranged a webinar titled “Power from Hydrogen” at NEPRA Headquarters on September 23, 2022. The webinar was attended by a large number of NEPRA professionals, power sector stakeholders, academia professionals and others. The main objective was to create awareness amongst the participants about the use of hydrogen as a fuel for power generation, progress made in the different countries in this aspect while moving towards zero emissions, its storage and safety issues and other important aspects.



9. Health Security Environment (HSE)

9.1 As part of its “Power with Safety” drive, National Electric Power Regulatory Authority (NEPRA) organized a webinar on “Electrical Safety in the Workplace based on NFPA 70E Standard” in collaboration with Inovo USA on Friday, August 05, 2022. The webinar was attended by technical professionals from the entire power sector of Pakistan, as well as NEPRA officials. The main objective of the webinar was to know about National Fire Protection Association Standard “NFPA 70E” and its requirements for electrical safety-related critical work practices and maintenance of the electrical systems.



- 9.2 A webinar on "Isolation and Permit to Work" was hosted on September 16, 2022 in collaboration with K-Electric for the Power Sector professionals & Staff, as part of NEPRA's initiative "Power with Safety". The webinar was attended by hundreds of HSE Professionals and field staff from the entire power sector of Pakistan, as well as NEPRA officials. The main objective of the webinar was to understand the correct application of "Isolation and Permit to Work" system to control hazards, to know about requirements and appropriate application of Isolation and Permit to Work for maintenance of any electrical apparatus, where the unexpected energizing, start-up or release of any type of energy (electrical, thermal, chemical, potential, kinetic) could occur, cause damage to equipment, injury to personnel and/or the environment can be adversely impacted.



10. Corporate Social Responsibility (CSR)



10.1 CSR under “Power with Prosperity” Drive conducted following webinars/events;-

- i. A Webinar on August 03, 2022 for engagement of Social Welfare Organizations with NEPRA Licensees wherein PAGE Foundation, Transparent Hands and Hands Pakistan showcased their remarkable achievements in front of NEPRA Licensees.



9.3 NEPRA developed a Job Safety Analysis (JSA) checklist in Urdu for DISCO's in accordance with NEPRA Power Safety Code Section 7.19. The JSA checklist contains only the minimum mandatory contents to assess safety risks at site in order to save line staff lives. While working on HT and LT systems, the JSA checklist must be applied to all maintenance activities/complaints handled by field Linemen or Authorized Assistant Linemen to identify all known hazards and its precautions.

9.4 NEPRA released an Incident Alert titled "NEPRA Incident Alert-Coal Dust Explosion", that is also available on NEPRA's website. The incident alert includes a brief summary of the incident at a coal-fired power plant, the findings, and the high focus areas & lessons learned. NEPRA encourage all Licensees to share and discuss this alert in Safety Meetings, Safety Talks, and other safety communication forums so such incidents can be avoided in the future.



9.5 NEPRA in line with its "Power with Safety" initiative directed DISCO's to conduct a Safety Awareness drive for Public during Monsoon season. The aim was to educate the public regarding potential hazards and how to be safe.



- ii. On August 19, 2022, Mr. Ron Thomas, a Global HR Top Executive and World's renowned Start Up Advisor delivered a talk to NEPRA Family.



- iii. On August 23, 2022 NEPRA CSR held a Webinar on "Rehabilitation of Balochistan's Flood Affected Areas" wherein Saahil Welfare Association & Akhuwat delivered presentation on rehabilitation activities done by them in Baluchistan's most affected areas.



- iv. On August 23, 2022 Childlife Foundation invited Chairman NEPRA to inaugurate state of the art Children's Emergency Room established at PIMS Hospital, Islamabad. Team of Childlife Foundation gave a detailed briefing to Chairman NEPRA about the medical facility.



- v. On September 14, 2022 NEPRA CSR arranged another Webinar on "Engagement of Social Welfare Organization". In this Webinar, Bin Qutab Foundation, Disabled Welfare Association and Roshni showcased their work in the field of Social Welfare.



- vi. On September 16, 2022 Chairman NEPRA visited K-Electric for Cheque Distribution Ceremony among different Social Welfare Organizations (SWOs) sponsored by K-Electric.



11. Coordination & Implementation (C&I)

11.1 Regulatory Meetings & Hearings

- i. Public Hearing regarding Fuel Charges Adjustment of K-Electric for the month of May 2022 under MYT FY 2017-2023 was held on July 04, 2022 at NEPRA Tower, Islamabad. The Authority heard the petitioner as well as the stakeholders and will announce its decision in due course of time.



- ii. Public Hearing regarding application of WAPDA for Licensee Proposed Modification (LPM) in the Generation Licence was held on July 06, 2022 at NEPRA Tower, Islamabad. The Authority heard the petitioner as well as the stakeholders and will announce its decision in due course of time.



- iii. Public Hearing regarding Motion for determination of Consumer End Tariff of XWDISCOs and K-Electric filed by Federal Government under Section 7 & 31 of NEPRA Act 1997 read with Rule 17 of the NEPRA Tariff (Standards & Procedure) Rules, 1998 was held on July 20, 2022 at NEPRA Tower, Islamabad. The Authority heard the petitioner as well as the stakeholders and will announce its decision in due course of time.



- iv. Public Hearing regarding Tariff proposal submitted by IESCO for Procurement Power from Qadirabad & Rehra Hydropower Projects located at AJ&K was held on July 26, 2022 at NEPRA Tower, Islamabad. The Authority heard the petitioner as well as the stakeholders and will announce its decision in due course of time.



- v. Public Hearing regarding Tariff proposal filed by TAPAL Energy (Private) Limited for approval of Generation Tariff for Two years of RFO based Power Plant of 126 MW was held on August 11, 2022 at NEPRA Tower, Islamabad. The Authority heard the petitioner as well as the stakeholders and will announce its decision in due course of time
- vi. On August 24, 2022 Public Hearing regarding Modification Petition filed by Energy Department Government of KPK in the matter of NEPRA's Decision dated 23rd August 2021 regarding WAPDA Hydroelectric Tariff Petition for FY 2020-21 was held at NEPRA Tower, Islamabad. Finance Minister of KPK is also participated in the hearing and the Authority heard the petitioner as well as the stakeholders and will announce its decision in due course of time
- vii. On September 27, 2022 Public Hearing regarding NEPRA (Alternative & Renewable Energy) Distributed Generation and Net Metering Regulations, 2015 was held at NEPRA Tower, Islamabad, around 236 participants attended the subject Public hearing physically and via zoom. The Authority heard the petitioner as well as the stakeholders and will announce its decision in due course of time.



- viii. A total of 30 Hearings were held in addition to 46 Regulatory Meetings of the Authority.





12. Information Technology (IT)

12.1 Under the Power with Security Drive, a webinar was held on "Cybersecurity Challenges for Critical Infrastructure" on 16th August, 2022 to sensitized the power sector professionals about different types of cyber-attacks in electricity sector, OT Cybersecurity risk calculations methods and key considerations for cybersecurity protection.



12.2 A full day hands on workshop was conducted on "Cyber Security Incident Responses Management" on 13th September, 2022 to cover three different cyberattack scenarios and step by step approach to deal with these cyber-attack scenarios. Mr. Muhammad Jabbar, CEO Techaccess, Mr. Massimiliano Romeo, Chief Business Development officer CY4GATE & Mr. Tariq Malik, Former CTO GHQ & CTO Techaccess.

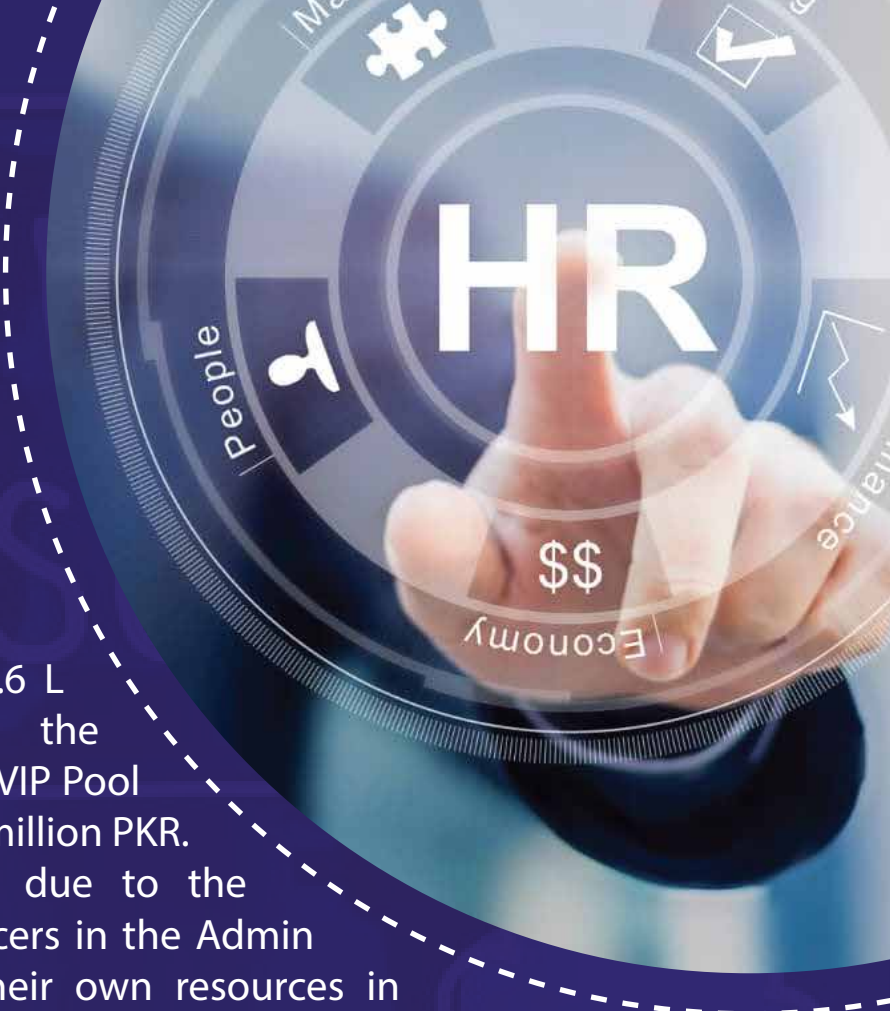


13.

Administration/ Human Resource/Media

13.1 Administration

13.1.1 Milestones Achieved

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- i. 4 x Toyota Corolla Altis 1.6 L were acquired during the economic downturn for VVIP Pool duties at a cost of over 20 million PKR. This was made possible due to the untiring efforts of our officers in the Admin Department who used their own resources in acquiring vehicles even when Toyota had limited production. The registration of all such vehicles had also been completed well in time, besides comprehensive insurance.
 - ii. To better assess and record the assets of NEPRA, tagging of assets worth 200 million was executed. This was done on a war footing pace and has been completed from the minutest of assets to the most valuable ones. The assets were further divided into floors-wise categories first and then sub-categorized as per their respective placements. Moreover, for each asset, a unique identification number containing information related to floors, oracle financial numbers and unit numbers were allocated. Thereinafter, a team comprising of O&M and Administration Department installed those numbers on requisite assets.
 - iii. In order to streamline provision of medical services to employees of NEPRA, rates of panel hospitals have been revised and will be notified shortly. This has been done due to the untiring efforts of officers and Staff of NEPRA Administration Department. It is worth mentioning here that the Administration Department was able to cap the existing consultation charges for various hospitals at the same rates which are already been invoiced. Moreover, for a few laboratories and hospitals the Administration Department reduced the rates instead of increasing, despite inflation and rupee/dollar fluctuations.

- iv. As per practice, the NEPRA State of Industry report has been printed, published and distributed across various Government organizations and stakeholders in the energy sector to apprise every one of the achievements made and the challenges we face in the future.
- v. Several Tenders were timely executed without unnecessary delay due to the alertness of the Admin Department. Facade cleaning, Stationery and supply of Paper Reams was timely executed to streamline work of all departments. The Administration Department of NEPRA feel pride in adopting the latest PPRA rules and guidelines in comparison to the contemporary organization, like conducting tendering processes whilst using PPRA Rules pertaining to open framework contract agreements. NEPRA has already awarded contracts on account of open framework contract agreements for the incessant supply of paper reams to avoid any untoward situations and to curtail the shortage of supply of paper reams due to price fluctuations.

13.2 Human Resource (HR)

13.2.1 NEPRA Celebrated 75th Independence Day with Zeal and vigor followed by flag hosting and cake cutting ceremony.

13.2.2 On September 12, 2022 NEPRA and PTA signed a MOU for information sharing, cooperation, coordination, and capacity building of professionals in a ceremony held at PTA HQs. Chairman NEPRA, Mr. Tauseef H. Farooqi and Chairman PTA, Major General (R) Amir Azeem Bajwa HI (M) graced this MOU signing ceremony in presence of senior officials from NEPRA and PTA.

13.2.3 Milestones Achieved

i. Compensation & Benefits

Compensation & Benefits of NEPRA Employees were revised after three (03) years.

ii. Regularization of Employees

Services of 7 Officers and 75 Staff who were on probation were regularized.

iii. Group Life Insurance

Group life insurance facility for the Authority and Contractual Employees was implemented.

iv. Rehiring of Contingent Staff

The contracts of contingent employees were extended for another six months.

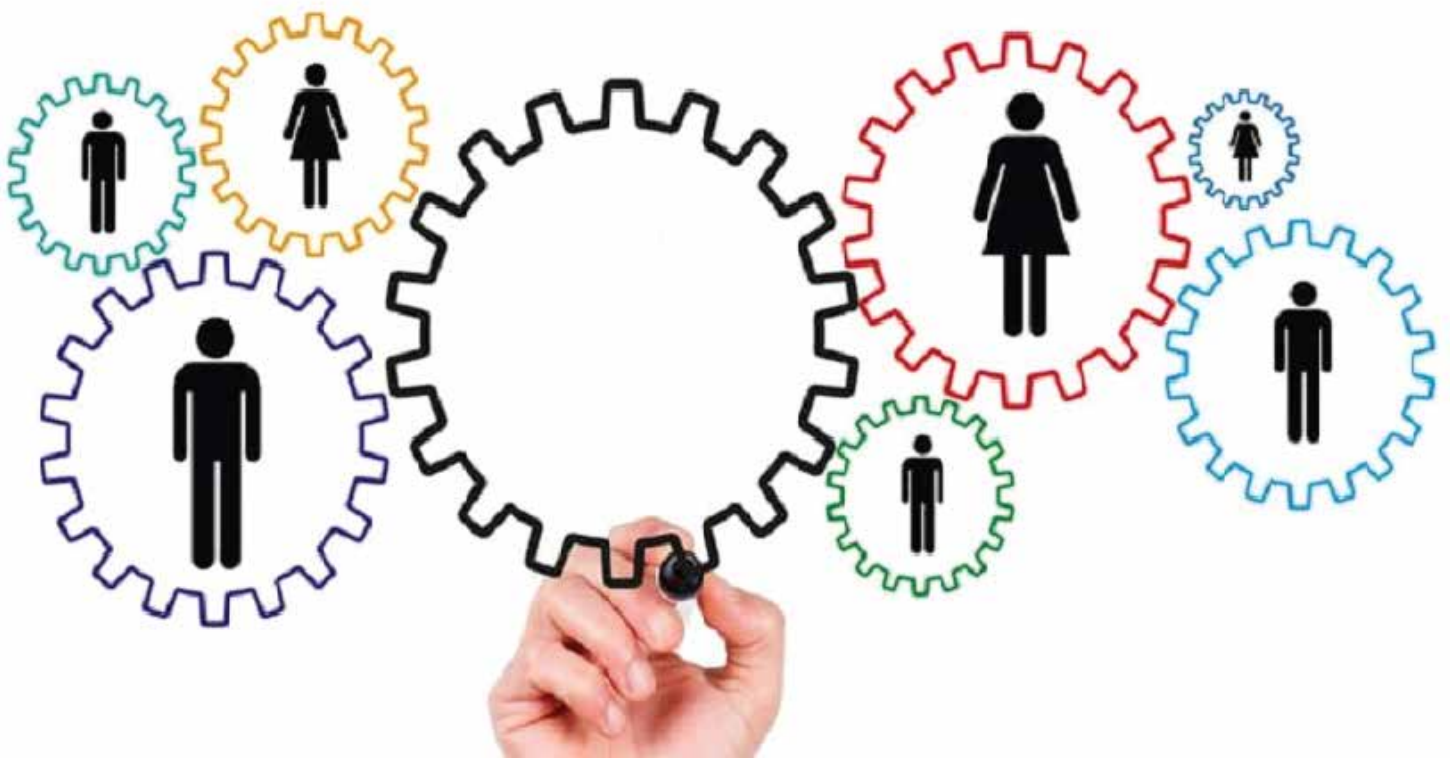
v. Bio-Matric Devices

Six (06) state of the art Bio-Metrics Devices (facial recognition) were installed.

13.3 Media

13.1 NEPRA Media Department also ensured extensive coverage of various events/webinars in print and electronic media; some of which are mentioned below:-

- i. Workshop on Introduction of CTBCM
- ii. Awareness session on “Electrical Safety in the workshop based on NFPA 70E Standards” for power sector
- iii. Webinar on Cyber security challenges in critical Infrastructure (Power Sector)
- iv. NTDC submits System Operator licence application to NEPRA
- v. Consultative session on CTBCM
- vi. NEPRA and PTA signs MoU for collaboration
- vii. Workshop on Cyber Incident response management
- viii. Webinar on “Power with Safety”
- ix. Webinar on “Power from Hydrogen”





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