

NEPRA

NEWSLETTER

(APRIL - JUNE)

2022

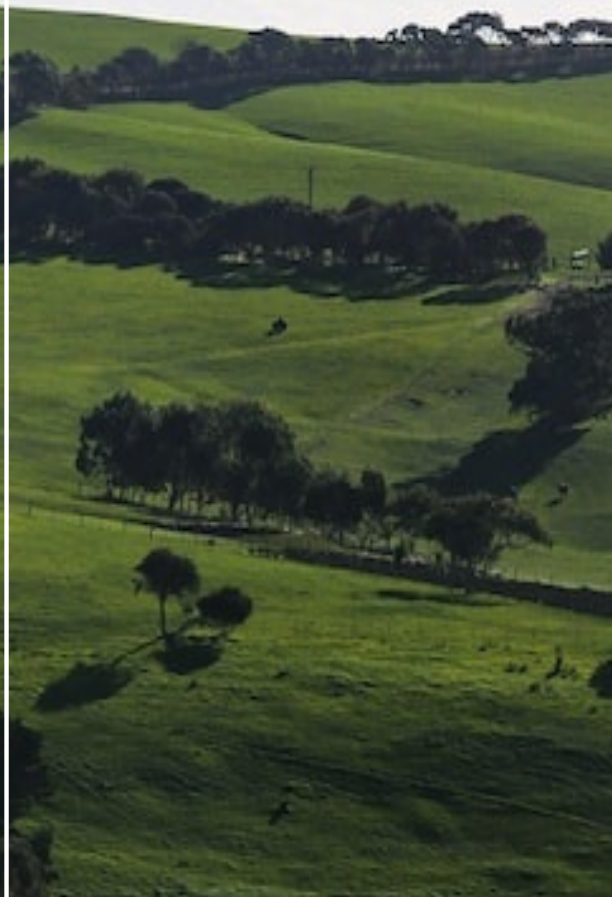


NATIONAL ELECTRIC
POWER REGULATORY AUTHORITY

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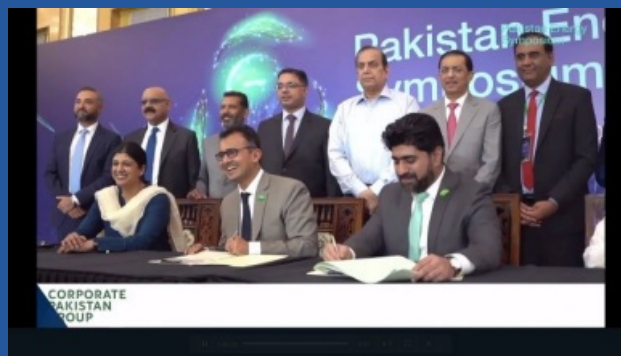
1. Major Updates 2nd of Quarter 2022

1.1 Engro Energy Limited in collaboration with the National Electric Power Regulatory Authority (NEPRA), Ministry of Energy, Govt. of Sindh, Overseas Investors Chamber of Commerce & Industry (OICCI and Corporate Pakistan Group organized “Pakistan Energy Symposium: Ushering the Future of Energy” at Karachi on 1st April 2022.

The conference was attended by the Chairman NEPRA, Mr. Tauseef H. Farooqi & Mr. Rafique Ahmed Sheikh, Member Sindh, NEPRA. The Conference brought together relevant stakeholders from public sector policymakers, regulatory bodies, private sector stakeholders, and industry experts to discuss the opportunities and challenges for market reforms in Pakistan with a major focus on creating a comprehensive strategy for the future of the energy industry in the country. Experts at the symposium discussed the regulatory, commercial, and technical aspects of transitioning towards a liberalized and greener energy market in Pakistan.

In his opening remarks, Chairman NEPRA, Mr. Tauseef H. Farooqi talked about the initiatives he has taken at NEPRA. Talking about the CTBCM, Mr. Farooqi said that he had spent a lot of time on this. “CTBCM is like creating a motorway. We have a successful model in the telecom industry and we are trying to replicate that we are giving a choice to consumers. Mr. Farooqi further added, “what do we want to achieve: move from the multi-seller single buyer model to multi-seller multi-buyer model. Why is this important? Investors and businessmen are facing challenges that we believe they will be able to overcome with the multi-seller multi-buyer model. We are liberating the market. You can do the buying and selling of your own electricity. We are trying to deregulate the market.”

The main focus of the conference was on the planning initiatives & policy interventions, its role in market reforms, the role of technology in the multi-buyer market, private sector participation and customer-centric focus on the deployment of a competitive market system in the country. Two separate panel discussions on “Building Pathways for Market Liberalization” and “Unlocking the True Potential of Power Market Players” were also part of the symposium.



1.2 The following regulatory framework were developed with the continued support and guidance of the honorable Members of the Authority and the worthy Chairman. These regulations and amendments in certain Regulations to realize the goal of market reforms with successful launch and operationalization within given timelines. In this quest the following regulations were notified:

- a. National Electric Power Regulatory Authority Licensing (Market Operator) Regulations, 2022.
- b. National Electric Power Regulatory Authority (Electric Power Trader) Regulations, 2022
- c. National Electric Power Regulatory Authority Licensing (Electric Power Supplier) Regulations, 2022
- d. National Electric Power Regulatory Authority Performance Standards (Electric Power Suppliers) Regulations, 2022
- e. National Electric Power Regulatory Authority Licensing (Distribution) Regulations, 2022
- f. National Electric Power Regulatory Authority Consumer Eligibility Criteria (Electric Power Suppliers) Regulations, 2022
- g. National Electric Power Regulatory Authority Consumer Eligibility Criteria (Distribution Licensees) Regulations, 2022
- h. National Electric Power Regulatory Authority (Registration) Regulations, 2022
- i. Amendments in National Electric Power Regulatory Authority (Application, Modification, Extension & Cancellation) Procedure Regulations, 2021
- j. Amendments in National Electric Power Regulatory Authority (Fees) Regulations, 2021.
- k. National Electric Power Regulatory Authority (Uniform System of Accounts) Regulations, 2022

The Chairman and Members of the Authority encouraged and extended continued guidance & support in the making of this vital regulatory framework, which ultimately helped in realizing the goal of market reforms with the successful launch and operationalization of CTBCM. This successful market reforms launch is aligned with NEPRA's Vision.

1.3 NEPRA Authority took serious notice of the power outage on 13-04-2022 & load shedding and initiated legal proceedings against the closure of power plants due to non-supply of fuel and technical faults.

1.4 Upon nomination of Dr. Amjad of Akhuwat Foundation for the prestigious Nobel Peace Award, the Chairman NEPRA showed his gratitude and appreciation in the following words:

“He made us all proud. So happy to have picked him and his Akhuwat Foundation as a partner to lead our “Power with Prosperity” fund and manage it directly with our licensees.”

1.5 On April 28, 2022, successful pilot launch of online payment of License Fee: the first batch of fee notices issued by NEPRA to its licensees, which will be available across all banks' networks through 1LINK. Now, Licensees can make 24/7 online payments against fee notices by choosing any option i.e. Internet Banking, Mobile Banking App., ATM, Intermediaries, and Bank counter. This historical milestone was achieved under the leadership of the Chairman NEPRA, Mr. Tauseef H. Farooqi, and the Authority Members.

1.6 On the 1st of May, 2022, NEPRA reached 10,000 followers on NEPRA's **LinkedIn** Profile, within a year of it's launch under the leadership of Chairman NEPRA, Mr. Tauseef H. Farooqi. It is due to the tireless efforts of our colleague from the IT Department who managed it single-handedly under the patronage of Chairman NEPRA, Mr. Tauseef H. Farooqi.

1.7 On the 9th of May, 2022 NEPRA organized an Eid Milan program as per its tradition at NEPRA HQ. The event was graced by Chairman NEPRA, Mr. Tauseef H. Farooqi, and was attended by all heads of the Departments, officers, and officials.

1.8 On the 18th May 2022 Chairman NEPRA, Mr. Tauseef H. Farooqi along with Tariff Team briefed the journalists/correspondents from Print & Electronic Media on the mechanism for monthly Fuel Charges Adjustments (FCAs), Quarterly Adjustments, and rebasing of Tariff at NEPRA Tower, Islamabad. This was aimed to report accurately in the media on the subject.

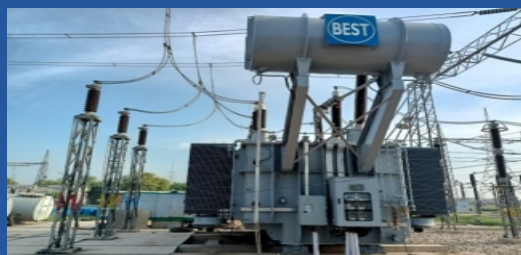
1.9 The Chairman NEPRA, Mr. Tauseef H. Farooqi, attended a meeting at the Prime Minister's Office on the 28th of May, 2022, on prevalent power sector issues i.e. power outages, load shedding, and payment delays.

1.10 On 31st May 2022, the Chairman NEPRA, Mr. Tauseef H. Farooqi, visited the Competition Commission of Pakistan (CCP) for an interactive session with the CCP's senior Management and officers on "Effective Leadership and overview of the Power Sector", which was quite insightful and engaging. In the session, Mr. Farooqi also shared his experiences and efforts in overcoming the challenges in the power sector. CCP's Chairperson Ms. Rahat Kaunain Hassan thanked Mr. Farooqi for taking our time for the session.

CTBCM

1.1 On 31st May 2022 a landmark decision was made, that will usher in a new era of competition and help address the woes of the power sector, the NEPRA Authority has granted the market operator license under CTBCM to the Central Power Purchasing Agency (Guarantee) Ltd. Chairman NEPRA, Mr. Tauseef H. Farooqi graced a ceremony to celebrate and handover the market operator license to CPPA-G in NEPRA HQ.

At this significant achievement and breakthrough in the power industry, the Chairman NEPRA, Mr. Tauseef H. Farooqi, gave the following Message:



“Mashah Allah, finally we did it!!!! CTBCM is now a reality in Pakistan. Congratulations to all who worked so hard to make it happen. I would surely like to mention here a few names, Imtiaz Baloch, Gul Hassan Bhutto, Nasir Ayaz, Hafiz Faizan, Shahbaz Khan, and all other CTBCM Team Members. Special thanks to Maqsood Sahib, Member KPK for his kind support and for making it possible on our promised date to the nation of 31 May 2022.”

Approval of the regulatory framework and grant of the Market Operator (MO) License to CPPA-G along with the approval of the Market Commercial Code by NEPRA is one of the landmark decisions that has ushered a new era of competition and would help to address the woes of the power sector of Pakistan. The introduction of CTBCM was originally conceptualized under the WAPDA Strategic Plan 1992 for unbundling of the power sector to achieve the goal of privatization and competition. However, the idea turned into a reality when NEPRA approved CTBCM high-level design in 2019. CTBCM will tremendously improve the governance of the power sector through institutional reforms, improved procurement, payment discipline, participation of merchant generators without take-or-pay contracts, bilateral contracting by DISCOs based on demand forecasts, and capacity obligations gradually moving away from sovereign guarantees while enhancing private sector participation through B2B transactions.

Benefits CTBCM will provide:

- i. Choice of electric power suppliers initially for large consumers ($\geq 1\text{MW}$) to purchase electricity at mutually agreed rates and terms.
- ii. Institutional and regulatory reforms to bring down the cost of electricity for regulated consumers through integrated system planning, accurate demand forecasts & competitive power procurement.
- iii. Power procurement by Ex-WAPDA DISCOs through bilateral contracts to bring accountability & payment discipline to gradually move away from sovereign guarantees.
- iv. People, process, technology improvement through capacity building & automation for enhanced efficiency & transparency.

How did we reach here?

- 1992 strategic plan of Power Sector
- 2002 NTDC License (CTBCM envisaged)
- 2015 CPPA operationalized
- 2018 NEPRA Act amended
- 2019 CTBCM high-level design approved
- 2020 CTBCM detailed design approved
- 2021 National Electricity Policy approved
- 2022 Regulatory Framework notified
- 2022 CTBCM launched

Key features of CTBCM

Legal, policy and Regulatory Framework

- i) NEPRA (amendment) Act, 2018
- ii) National Electricity Policy 2021
- iii) Federal cabinet's endorsement of CTBCM and its implementation plan 2021
- iv) Market related regulatory framework approved in 2022

Institutional reforms

- i) Creation of IAA for future capacity auctions
- ii) Creation of independent Market Operator and System Operator
- iii) Creation of dedicated departments in power sector entities for CTBCM implementation

Capacity Building

NEPRA has approved potential investment for capacity building of power sector entities. 800+ professionals from 18 public sector power entities being trained.

Automation & Transparency

Market Management System (MMS) to automate market functions and processes is developed by MO. Dispatch processes are being automated through Centralized Data Exchange Portal (CDXP) developed at the System Operator.

A ceremony was organized on 6th June 2022 at NEPRA HQ especially to celebrate the award of Market Operator License CTBCM regime to CPPA-G as the 30 years' dream comes true for the power sector of Pakistan.

1st workshop of the CTBCM Roadshow Series was organized on June 24, 2022, in Lahore to create awareness among the stakeholders about the CTBCM.

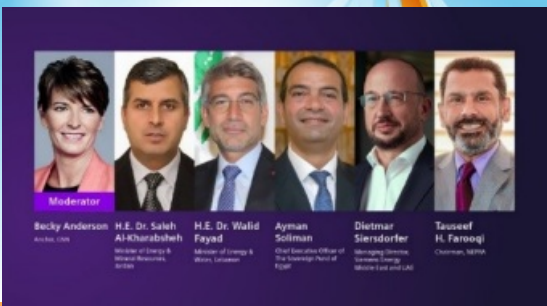


The Chairman NEPRA met with the Governor of State Bank of Pakistan about the extension of the validity period of SBP Financing Scheme for Renewable Energy and Islamic Financing Facility for Renewable Energy. Consequently, SBP vide Circular letter No. 09 of 2022 dated 16 June 2022 extended the validity period for both the schemes for a further two (02) years i.e. up to June 30, 2024. The Chairman NEPRA, Mr. Tauseef H. Farooqi paid thanks to SBP Governor for extending this courtesy after he met with him.

Mr. Farooqi said that ***“we had planned to even take it to a much bigger level and Dr. Irfan and his Executive Director now working on it. We shall have a follow up meeting later this month to also cover new RE players owing to CTBCM.”***

On 23rd June 2022 Shaikh Abdulaziz Hamad Aljomaih, Vice Chairman, Al Jomaih Holding, Saudia Arabia, and Mr. Reyadh S. Al-Edrissi, Deputy CEO, National Industries Group, Kuwait along K-Electric Board Chairman and other Board Members called on Chairman NEPRA, Mr. Tauseef H. Farooqi in his office to discuss matters of mutual interest.





On the 25th June, 2022, the Chairman NEPRA, Mr. Tauseef H. Farooqi along with NEPRA CTBCM Team visited LESCO HQ, Lahore, where CEO and DG MIRAD warmly welcomed him. Mr. Farooqi was given a briefing about Net Metering Solar Program and post CTBCM era.

On 25th June, 2022, it was a moment of immense pride for NEPRA and its professionals as the Chairman NEPRA, Mr. Tauseef H. Farooqi, was honored by LUMS with the VC Achievement Award in recognition of his contribution and efforts for improvements in the power sector and nurturing the regulatory regime.

On 27th June, 2022 to discuss the shifting of the geopolitics of energy in the Middle East & Africa, Chairman NEPRA participated as a panelist at Siemens Energy MEA Energy Week's "Ministerial Panel" alongside Beck Anderson (CNN), Ministers from Egypt, Jordan and Lebanon, and Managing Director of Siemens Energy (Middle East).

On 29th June, 2022 a consultative session was held at NEPRA HQ to discuss how to maximize the utilization of local coal and sourcing of cheapest coal for reducing the power tariff. The session was presided by Chairman NEPRA, Mr. Tauseef H. Farooqi, Authority Members and was attended by representatives of CPPA-G, PPIB, Thar Coal Energy Board, Sindh Engro Coal Mining Company, IPPs, Industrialists, Coal Importers & Transporters.

2. REGULATORY MEETINGS, HEARINGS & CONSULTATIVE SESSION

- i) A public Hearing regarding Application of CPPA-G for the grant of Licence as Market Operator was held at NEPRA Tower, Islamabad.
- ii) NEPRA held two consecutive Public Hearings regarding Fuel Charges Adjustment of XWDISCOs & K-Electric for the Month of March 2022 was held at NEPRA Tower, Islamabad.
- iii) Public Hearing regarding Fuel Charges Adjustment of XWDISCOs for the Month of April, 2022 was held at NEPRA HQ, Islamabad.

- iv) Public Hearing regarding Fuel Charges Adjustment of XWDISCOs for the Month of May, 2022 was held at NEPRA HQ, Islamabad.
- v) A total of 49 Hearings were held in addition to 148 Regulatory Meetings of the Authority.

3. Tariff

- i. NEPRA determines electricity tariffs in accordance with the prescribed NEPRA (Tariff Standards & Procedure) Rules, 1998. NEPRA processed and thirty seven (37) Tariff Determinations/Review/Motions decisions/ Power Acquisition Requests/Contracts (PARs/PACs) and one hundred and ninety (90) tariff adjustments in respect of Generation, Transmission and Distribution companies.
- ii. As per Registrar Office record, the following Rule(s) & Regulations have been promulgated during the reporting period.
 - a. National Electric Power Regulatory Authority (Electric Power Trader) Regulations, 2022 notified vide S.R.O.634 (I)/2022 dated 19-05-2022.
 - b. National Electric Power Regulatory Authority Performance Standards (Electric Power Trader) Regulations, 2022 notified vide S.R.O.633 (I)/2022 dated 19-05-2022.
 - c. National Electric Power Regulatory Authority Licensing (Market Operator) Regulations, 2022 notified vide S.R.O.632 (I)/2022 dated 18-05-2022.
 - d. Amendments in National Electric Power Regulatory Authority (Uniform System of Accounts) Regulations, 2022 notified vide S.R.O.631 (I)/2022 dated 13-05-2022.
 - e. Amendments in National Electric Power Regulatory Authority (Alternative & Renewable Energy) Distributed Generation and Net Metering Regulations, 2015 notified vide S.R.O.539 (I)/2022 dated 20-04-2022.

4. Licensing

- i. NEPRA processed and granted Eight (08) Generation Licence of 42.59 MW capacity. Also processed and approved One (01) Nos. of Licensee/Authority Proposed Modifications (LPMs/APMs) in the already granted Licenses.
- ii. Three hundred and sixty six (366) Distributed Net Metering Licences have also been issued.

5. Consumer Affairs & Complaints Management

5.1 Court Cases processed by Consumer Affairs Department

- i. W.P.No. 28858-22 in the matter of Mr. Kashif Sarwar vs. FESCO.
- ii. W.P.No. 28857-22 in the matter of Sheikh Mehmood Iqbal vs. LESCO
- iii. NEPRA Head Office, out of 477 complaints 258 has been disposed of.
- iv. In Regional offices, out of 2697 complaints 2115 has been disposed of.

5.2 Major Cases decided by Consumer Affairs Department

- i. M/S Shahid Town against LESCO regarding Energization of partially completed overhead external electrification system of Shahid Town.
- ii. M/S Regal City Hosuing Scheme against LESCO regarding approval of design of external electrification system.
- iii. Advice sought by FESCO for provision of external electrification of Defense View Executive Block Chak No. 226 RB Satiana Road Faisalabad.
- iv. Dr. Zeeshan Ahmed Chattha against IESCO regarding change of tariff.
- v. Mr. Alamgir Khan Ahmed against LESCO regarding fictitious billing.
- vi. Mr. Malik Khurshid Awan against KE regarding relocation of PMT.
- vii. Mr. Muddassir Masood Ahmed against IESCO regarding Provision of Connection.
- viii. Decision on case referred by Honorable Lahore High Court, Lahore vide W.P. No. 10534/2022 in the matter of M/S Colony Textile Mills (Pvt.) Limited Vs. LESCO regarding industrial support package.
- ix. Facility of concessionary tariff @ 9 cents / kWh to eligible consumers as Zero Rated Industry (ZRI) of Sundar Industrial Estate, Lahore.
- x. Advice sought by HESCO for assessment of load.
- xi. Complaints filed by Plaza Owners against QESCO regarding non-provision of electricity connection for their buildings.
- xii. Advice sought by PESCO in the matter of M/S Tops Foods & Beverages regarding utilization of 630 kVA transformer.
- xiii. M/s Elahi Developers against FECSCO regarding electrification of “EDEN ORCHARD” Housing Society Sargodha Road, Faisalabad.
- xiv. Agar Textile Private Limited against HESCO regarding Payment for the Month of April and May 2021 and adjustment of Financial Cost Component.
- xv. Mr. Saif Ullah S/o Noor Muhammad against GEPCO regarding excess demand notice & delay in provision of connection
- xvi. PIEDMC vs. MEPCO regarding construction of 132/11 kV grid station at Bahawalpur and Vehari industrial estates.
- xvii. M/S The Cooperative Engineers Town Society Limited against LESCO regarding Handing over/Taking over of network of the society.

5.3 Hearings conducted

819 cases have been resolved after conducting hearing(s) during the period from April to June, 2022:

6. Monitoring & Enforcement

6.1 Generation Section

A reminder was issued to remaining operational generation licensees on 27.05.2022 in order to acquire daily data pertaining to Key Performance Indicators (KPIs) in respect of their generation facilities on the portal. In response, a total number of 111 generation licensees have registered on the portal.

The quarterly reports submitted by technology-wise, randomly selected, 13 No. of IPPs, namely KAPCO, HUBCO, PakGen, Lalpir, TNB Liberty, Uch, Uch-II, Bhikki, Balloki, Haveli Bahadur Shah,

Port Qasim, Sahiwal Coal and China Power Hub, under NEPRA Performance Standards (Generation) Rules 2009, were reviewed and a comprehensive Performance Evaluation Report was prepared which was subsequently approved by the Authority.

The Authority, vide its Order dated 29.04.2022, imposed a fine of **Rs. 50 Million** on NTDC on account of its inability to restore power supply in a timely manner in the wake of total power system collapse occurred on 09.01.2021.

The Authority, during meeting held on 23.06.2022, imposed a fine of **Rs. 50 Million** on CPGCL on account of its lapses, deficiencies and failure in the total power system collapse occurred on 09.01.2021.

Pursuant to instructions of the Authority, an Explanation was issued to CPGCL on account of raising invoices pertaining to excess capacity charges in respect 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. In response, CPGCL submitted its reply which was rejected by the Authority and the Authority, during meeting held on 25.05.2022, has directed to issue a Show Cause Notice to CPGCL.

Similarly, pursuant to instructions of the Authority, an Explanation was issued to CPPA-G on account of excess capacity charges paid to TPS Guddu. In response, CPPA-G submitted its reply which was rejected by the Authority and the Authority, during meeting held on 25.05.2022, has directed to issue a Show Cause Notice to CPPA-G

6.1.1 Legal Proceedings against CPPA-G, KAPCO, IPPs & K-Electric:

Pursuant to instructions of the Authority, Explanations were issued to CPPA-G and KAPCO on account of extension in term of the PPA by 485 days without prior approval of the Authority. In response, CPPA-G and KAPCO submitted their replies which were rejected by the Authority and the Authority, during meeting held on 30.05.2022, has directed to issue Show Cause Notices to CPPA-G and KAPCO.

Initiated legal proceedings against 16 No. of IPPs on account of delay in synchronization with the National Grid despite the energization of their respective bus bars by NTDC in the wake of total power system collapse occurred on 09.01.2021. Accordingly, Explanations were issued to IPPs. In response, IPPs submitted their replies which were rejected by the Authority and the Authority directed to issue Show Cause Notices to IPPs. Accordingly, Show Cause Notices have been issued to IPPs on 20.05.2022.

Legal proceedings initiated against K-Electric on account of its lapses, deficiencies and failure in the total power system collapse occurred on 09.01.2021. Accordingly, an Explanation was issued to K-Electric. In response, K-Electric submitted its reply which was rejected by the Authority and the Authority directed to issue a Show Cause Notice to K-Electric. Accordingly, a Show Cause Notice has been issued to K-Electric on 20.05.2022.

6.1.2 Explanation to WAPDA:

Pursuant to approval of the Authority, an Explanation was issued to WAPDA on 13.05.2022 on account of availing higher outages by the units/machines of WAPDA hydel power stations than allowed limit as specified in the PPA.

6.1.3 M&E Monitored the Hourly Generation data of KE and NPCC:

M&E monitored the hourly generation data of KE and NPCC to check adherence to Economic Merit Order. Any event wherein the merit order was violated for which satisfactory response could not be provided by NPCC or KE, the resulting financial impact was deducted from their claims.

Hearings of CPPA-G and NTDC were conducted in the matter of revision in minimum loading limit of Lalpir and Pakgen Power Plants.

6.1.4 Show Cause Notices against China Power Hub and GENCO-II:

Show cause notices were issued against China Power Hub and GENCO II (Guddu 747) on account of prolonged forced outages.

6.1.5 Explanation letter issued against CPPA-G:

Explanation letter was issued against CPPA-G for its failure to fulfil obligations under the Commercial Code and compliance with directions of the Authority.

6.2 Transmission Section

6.2.1 Legal Proceedings against NTDC

Legal proceedings were initiated against NTDC on account of Legal Proceedings against NTDC. The response of the same was placed before the Authority, whereby the Authority observed that NTDC has failed to provide any cogent reasons to the Explanation and directed to issue a Show cause Notice. Accordingly, the Show Cause Notice issued.

Legal proceedings were initiated against NTDC in the matter of Tower Collapse in Wake of Cyclonic Winds. The response to the explanation was analysed and presented before the Authority, whereby the Authority observed that NTDC has failed to provide any cogent reasons to the Explanation issued to it and directed to issue a Show cause Notice. Accordingly, the Show Cause Notice is being issued to NTDC.

6.2.2 Miscellaneous Matters Pertaining to Site Visit of NTDC Grid Stations

The matters of overloading, tripping, maintenance/physical health of equipment, handing over of residential accommodation and others identified earlier during site visit of NTDC Grid Stations are being monitored regularly. A number of directions have been issued to NTDC. Progress report was obtained from NTDC which has been reviewed and observation letter has been sent to NTDC on 21-June-2022.

6.3 Distribution Section

6.3.1 Imposing of Fine on DISCOs

- i) The Authority imposed a fine Rs. 28 Million on SEPCO, Rs. 06 Million on FESCO, Rs. 21

- ii) Million on GEPCO, Rs 31 Million on HESCO on account of Fatal Accidents occurred in their service territories.
- iii) Rs.10 Million on HESCO on account of blast of 200 KVA transformer, which resulted in casualties of 03 persons, whereas 04 persons got injured.
- iii) Rs.10 Million on LESCO on account of fallen of 200 KVA transformer at Ichra Bazar, Lahore, which resulted in death of a woman.

6.3.2. Legal Proceedings against DISCOs

- i) Legal proceedings initiated against MEPCO and a Show Cause Notice has been issued on 17.05.2022 on account of Fatal Accidents.
- ii) Initiated proceedings against DISCOs regarding excessive load shedding in their service territories.
- iii) Via online portal collects the data pertaining to the pendency of ripe connections from all DISCOs, on monthly basis. Based on the data received, the Authority vide its decision directed to initiate legal proceedings against PESCO, IESCO, GEPCO, FESCO, LESCO, MEPCO, and K-Electric and accordingly the explanations issued on 23.02.2022. Hearings in the matter of explanations have been held on 29.04.2022. During the hearing, the Authority categorically directed DISCOs to clear all pendency of connections within one month and submit a compliance report to NEPRA.



7. Technical

On the 12th June, 2022, NEPRA holds a workshop on Industry-Academia linkages with the objectives to help creating a nexus between industries and academia, to figure out how Industry and academia join hands to address upcoming challenges and to contribute towards national growth by aligning academic programs to meet cross-sectoral needs. The workshop was attended by large number of top professionals from the power sector and members of the academia.

NEPRA has taken lead to bring investment friendly and most flexible regulatory regime to promote development of Microgrids in the unserved areas enable private sector to play its role in providing electricity services. NEPRA Authority has also approved Microgrid Regulations, 2022 in consultation with provinces, international experts and other power sector stakeholders.

NEPRA has awarded a tender to Joint Venture of PPI, Business Sequencing and AMA Energy Limited on Comprehensive Assessment of Operations of System Operator on issues related to plant dispatch for FY 2018-2019, FY 2019-20 and FY 2020-21.

NEPRA has initiated the process for pre-qualification of experts to be placed on NEPRA's panel of expert.

NEPRA arranged a workshop on Use of Block Chain in Power Sector of Pakistan which was attended

by experts of Power Sector and professional of NEPRA. The objective of the workshop was to understand the basic concept of Block Chain Technology, how it works, how it will be useful for managing smart contracts between stakeholders and how NEPRA will monitor the performance and enforce the licensees for regulatory compliance.



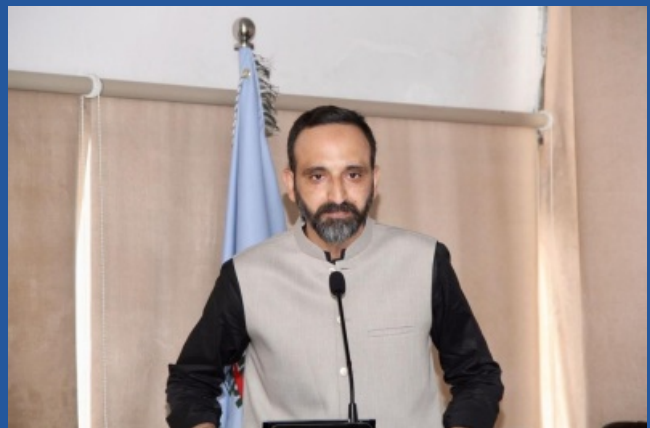
8. Health Safety & Environment (HSE)

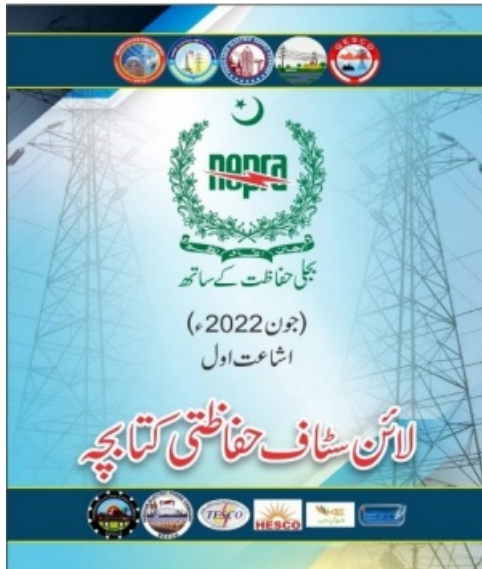
8.1. HSE Performance Evaluations

- i) Virtual webinar on "HSE Legal Compliance Register" was organized on April 27, 2022 in collaboration with Alpha Connect Private Limited as part of NEPRA's Power with Safety vision. In this webinar, the audience learn about HSE Legal Compliance Register in order to prepare, comply and maintain it for relevant federal, provincial and international regulations for applicable Occupational Health, Safety, and Environment (HSE) laws. The legal compliance register will identify mandatory HSE legal obligations, their method of compliance, the department/section responsible for compliance, the status of compliance, and evidences of compliance.
- ii) A webinar on “Workplace Stress Management” in collaboration with Lahore University of Management Sciences (LUMS) and K-Electric was organized on May 20, 2022.



- iii) A webinar on “Temporary Protective Grounding” in collaboration with Peshawar Electric Power Company (PESCO) was organized on June 16, 2022. The main objective of the webinar was to learn how to apply temporary protective grounding correctly to prevent fatalities and injuries while working on electrical systems and poles in the field.
- iv) A Team Building Workshop in collaboration Alpha Connect Private Limited was organized on 30 June 2022. During a full day training session, participants performed different team building activities.





v) NEPRA conducted on-site HSE performance evaluations of NEPRA Licensees (i.e Nishat Power Limited, Halmore Power Generation Co. Ltd., Saba Power Company (Private) Limited, Neelum Jhelum Hydro Electric project, WAPDA Mangla Hydrel Power Station & Laraib Energy Limited (New Bong Escape Hydroelectric Power Complex) to ensure that they maintain an acceptable level of Occupational Health, Safety, and Environment

(HSE) Management System to secure the plants and manage potential risks to consumers, employees, and contractors.

vi) Safety Manual of LESCO has been approved by the Honourable Authority.

vii) National Electric Power Regulatory Authority (NEPRA) released pocket-sized “Line Staff Safety Handbook” on Monday, June 13, 2022. This line staff safety handbook task was initiated earlier this year under the guidance of the Honorable Authority under NEPRA's vision of 'Power with Safety'. This safety handbook was prepared in Urdu language so that the line staff can always keep it in their pockets and can quickly refer to it in the field for accurate and necessary information to prevent accidents. Numerous International Best Practices, Standards and Codes were referred while preparing this safety handbook such as ASTM, IEC, IEEE, NFPA, NESC, etc. All the articles and lessons given in this handbook were thoroughly researched and scrutinized to ensure it meets our current requirements and provides accurate essential information to line staff to save their precious lives in the field to achieve zero incidents goal in power sector especially in distribution sector.

9. Corporate Social Responsibility (CSR)

- i) CSR Department held various events under its “Power with Prosperity” drive. NEPRA CSR team arranged a webinar on May 13, 2022 in which representatives from “Agrihood (SWO)” shared their thoughts on environmental benefits offered by their projects in pursuit of UNSDG-13 i.e. Climate Action. Another webinar was held on May 17, 2022 that gave the opportunity to Power Sector Licensees for showcasing their high impact projects on “Quality Education” in line with UNSDG-4, wherein our top performers in the field of Education namely WAPDA, PAEC, CPHGC, ENGRO and KE shared their CSR success stories in the area of education.
- ii) On May 20, 2022 Chairman NEPRA along with CSR Team attended a session at Akhuwat University, Kasur wherein quarterly briefing was delivered by Akhuwat on its progress on “PwP” fund and presented their vision in front of NEPRA Licensees under Power with Prosperity Drive. On May 27, 2022 a webinar was arranged in collaboration with K-electric on “Empowering the social sector” where some of social welfare organizations shared their experiences and achievements regarding community development.
- iii) In continuance of CSR Webinar Series, a webinar was held on June 02, 2022 for the engagement of "Social Welfare Organizations" with NEPRA licensees, wherein "Muslim hands & Chal Foundation" had the opportunity to showcase their work on CSR Front.

May 20, 2022: CSR Head visit to Akhuwat University Lahore for attending Quarterly Progress Review Meeting on Power with Prosperity Fund



May 13, 2022: Webinar on Environmental Benefits by “Agrihood” a Social Welfare Organization (SWO)





May 17, 2022: A Webinar on showcasing the work of Licensees on Quality Education



10. Obituary

Obituary (Almighty Allah bless the departed souls and give patience to families):

1. Mother of Mr. Waqas Ahmad Khan, Naib Qasid (Registrar Office) was passed away on 6th April, 2022.
2. Brother of Mr. Muhammad Bilal, Addl. Director (CAD) was passed away on the 7th May, 2022.
3. Elder brother of Mr. Ghulam Mustafa, Sub-Engineer was passed away on the 11th May, 2022.
4. Mother of Mr. Muhammad Irfan, Driver was passed away on the 21st May, 2022.
5. Elder brother of Mr. Sohail Ahmad, Consultant (HSE) was passed away on the 26th June, 2022.

