

# NEWSLETTER

NATIONAL ELECTRIC POWER  
REGULATORY AUTHORITY



## 4<sup>th</sup> QUARTER

(October-Decemembr, 2023)



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## 1. Major Events & Key Highlights 4<sup>th</sup> Quarter 2023

- 1.1 NEPRA approved RFP for Competitive Bidding of 600 MW Solar PV Project at Muzaffargarh, Punjab and subsequently decided **Review Motion** thereof.
- 1.2 NEPRA has completed the regulatory processing of RFPs for various solar power projects i.e. review motion in the matter of 150 MW Winder, Uthal, Bela at Baluchistan, 200 MW site Neutral Hybrid Dhabeji, 150 MW West Karachi and 120 MW at Malir Karachi and final decisions thereof will be issued shortly.
- 1.3 Processing of KE's Investment Plan for MYT Tariff control period from FY2024 to FY2030.
- 1.4 Processing of Interconnection Agreement to be signed between NTDC and K-Electric.
- 1.5 Processing of NTDC's Investment Plan.
- 1.6 CPPA-G has submitted Final Test Run Report (CTBCM) which is under active review of NEPRA.
- 1.7 NEPRA granted (01) Generation License (i.e. Pakhtunkhwa Energy Development Organization (PEDO), one (01) Provincial Grid Company Transmission License (Punjab Grid Company Ltd), eight (08) supply licenses to XWDISCOs and four (01) Licensee proposed modification (i.e. Engro Powergen Qadirpur)
- 1.8 NEPRA issued 445 Net Metering Licenses / concurrence for combined generation capacity of 55.91 MW.
- 1.9 NEPRA issued tariff determination and adjustments as per following:

Particulars	Nos.
Monthly FCA for Generation Companies	137
Tariff Adjustment Decisions of Generation Companies including Quarterly Adjustments	380
Monthly FCA for XWDISCOs	03
Quarterly Tariff Adjustments for XWDISCOs	02
Monthly FCA for K-Electric	-
Quarterly Tariff Adjustments for K-Electric	01
Determination of Review Motion/Order	03

- 1.10 NEPRA received and processed 4949 consumers' complaints out of which 3393 were resolved, whereas 1556 consumers' complaints are under process.
- 1.11 During the reporting period 122 Authority Regulatory Meetings were conducted and 53 Public Hearings / Hearing / Consultative Sessions were held.
- 1.12 NEPRA initiated disciplinary proceedings against various Generation, Transmission and Distribution companies for violations of Performance Standards, Distribution Code and other applicable documents as well as occurrence of fatal accidents.
- 1.13 On October 09, 2023 Chairman NEPRA, Mr. Waseem Mukhtar and Members of the Authority, Mr. Rafique A. Shaikh, Mr. Maqsood Anwar Khan and Ms. Amina Ahmad graced the final match and prizes distribution ceremony of the 5th edition of NEPRA Table Tennis Tournament.



- 1.14 On October 30, 2023 Danish Ambassador to Pakistan, H.E Jakob Linulf called on Chairman NEPRA, Mr. Waseem Mukhtar and Member KPK Mr. Maqsood Anwar Khan at NEPRA HQ, Islamabad to discuss matters of mutual interest.



- 1.15 On November 22, 2023 4th edition of NEPRA Tape Ball Inter-Departmental Cricket Tournament was held.



## **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 (Oct-Dec 2023) (Decision issued on Dec 21, 2023).
- ii. Decision of the Authority in the matter of Insurance Component (Mar 2023 to Mar 2024) (Decision issued on Dec 21, 2023).
- iii. Decision of the Authority in the matter of Quarterly Indexation/Adjustment of Tariff (Apr-June 2023) (Decision issued on Oct 31, 2023)
- iv. Adjustment of indexation October-December 2020 to July-September 2023 on account of revision of CPI to NCPI. (Decision issued on Nov 29, 2023)
- v. Decision of the Authority in the matter of Quarterly Indexation/Adjustment of Tariff (July-Sep, 2023) (Decision issued on Nov 08, 2023)

#### **2.1.2 Mira Power (Gulpur Hydropower)**

- i. Decision of the Authority in the matter of Quarterly Indexation / Adjustment (Oct-Dec 2023) (Decision issued on Nov 21, 2023)
- ii. Adjustment of indexation October-December 2020 to July-September 2023 on account of revision of CPI to NCPI. (Decision issued on Nov 21, 2023)
- iii. Decision of the Authority in the matter of Quarterly Indexation / Adjustment (April- June & July-Sep 2023) (Decision issued on Oct 19, 2023)

#### **2.1.3 Star Hydro Patrind HPP**

- i. Decision of the Authority in the matter of Quarterly Indexation / Adjustment (July-Sep 2023) (Decision issued on Oct 19, 2023)
- ii. Decision of the Authority in the matter of Quarterly Indexation / Adjustment (Oct-Dec 2023) (Decision issued on Nov 14, 2023)

#### **2.1.4 Karot HPP**

Decision of the Authority in the matter of Quarterly Indexation / Adjustment (Oct-Dec 2023) (Decision issued on Nov 3, 2023)

#### **2.1.5 Malakand-III**

- i. Decision of the Authority in the matter of Quarterly Indexation / Adjustment (July-Sep 2023) (Decision issued on Oct 19, 2023)

- ii. Decision of the Authority in the matter of Quarterly Indexation /Adjustment (Oct-Dec 2023)  
**(Decision issued on Nov 03, 2023)**

#### 2.1.6 **Jagran-I**

Adjustment of indexation Sep 2023-Aug 2024 on account of revision of CPI to NCPI. **(Decision issued on Oct 19, 2023)**

### 2.2 **Distribution Tariff**

- 2.2.1 Decision of the Authority issued on 21.12.2023 for periodic adjustment in tariff for the 1<sup>st</sup> Quarter of FY 2023-24.
- 2.2.2 Decision of the Authority issued on 20.12.2023 request filed by XWDISCOs for Period Adjustment in tariff for the 1<sup>st</sup> Quarter of FY 2023-24.
- 2.2.3 Decision of the Authority issued on 05.12.2023 in the matter of Fuel Charges Adjustment for the month of October 2023 for XWDISCOs.
- 2.2.4 Decision of the Authority issued on 08.11.2023 in the matter of Fuel Charges Adjustment for the month of September 2023 for XWDISCOs.
- 2.2.5 Decision of the Authority issued on 05.10.2023 in the matter of Fuel Charges Adjustment for the month of August 2023 for XWDISCOs.

### 2.3 **K-Electric**

- 2.3.1 Decision of the Authority issued on 29.12.2023 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.
- 2.3.2 Decision of the Authority issued on 29.11.2023 pursuant to the Judgment of Honorable Supreme Court of Pakistan dated January 19, 2023 in the matter of Civil Appeals No.1011 to 1119 of 2020 & 1185 to 1191 of 2020 and C.P No. 3428 of 2020 & 1145-K of 2020 & 4775 to 3780 of 2020.
- 2.3.3 Decision of the Authority issued on 22.11.2023 in the matter of Motion filed by Ministry of Energy (Power Division) with respect to Recommendation of Consumer End Tariff for K-Electric under Section 31 of Act. 1997 read with Rule 17 of the NEPRA Tariff (Standards and Procedure) Rules 1998.
- 2.3.4 Decision of the Authority issued on 27.09.2023 in the matter of Motion filed by the Ministry of Energy (Power Division) with respect to recommendation of consumer end tariff for K-Electric and policy guidelines for Uniform Quarterly Adjustment.

### 2.4 **Generation of Thermal, Coal and Nuclear**

- 2.4.1 Decision of the Authority in the matter of Motion for Leave for Review filed by GuI Ahmed

Energy (Pvt) Limited and Tapal Energy (Pvt) Limited against Decision of the Authority dated February 22, 2023 and January 23rd, 2023 were issued vide letter dated November 15, 2023 and November 22nd, 2023 respectively.

2.4.2 Fuel Price Adjustment, Quarterly Indexation, Insurance Adjustment, CV Adjustments and Withholding Tax Adjustment of various IPPs were processed.

## **2.5 Renewable Energy**

### **2.5.1 Wind Power Projects**

Under process COD adjustment request of Wind Power Companies:

- i. Lucky Renewables (Pvt.) Ltd. (*Formerly Tricom Wind Power (Pvt.) Ltd.*) (50 MW)
- ii. Act2 Din Wind (Pvt.) Ltd. (50 MW)
- iii. Metro Wind Power Ltd. (60 MW)
- iv. Gul Ahmed Electric Ltd. (50 MW)
- v. Indus Wind Energy Ltd. (50 MW)
- vi. Din Energy Ltd.
- vii. Artistic Wind Power (Pvt.) Ltd. (50 MW)
- viii. NASDA Green Energy (Pvt.) Ltd. (50 MW)
- ix. Lakeside Energy (Pvt.) Ltd. (50 MW)
- x. Liberty Wind Power-I Limited
- xi. Liberty Wind Power-II Limited

Under process Tariff Petition for determination of reference generation tariff:

- i. Trans-Atlantic Energy (Pvt.) Limited (49.5 MW)
- ii. Western Energy Private Limited (47.6 MW)

### **2.5.2 Solar PV Power Projects**

Verification of COD adjustment request of Atlas Solar Ltd. (100 MWp) formerly Zhenfa Pakistan New Energy Company Ltd. (total containing in 22 folders) is under process.

### **2.5.3 Bagasse Based Projects**

Pursuant to the Judgment of the Appellate Tribunal (NEPRA) dated 18.11.2022 and in light of Ministry of Energy (Power Division) letter dated December 18, 2020 requesting NEPRA to rationalize the bagasse price for cogeneration projects. In this regard hearing in the matter was held on March 7, 2023 and September 06, 2023 and consultative session secession was held on December 12, 2023. The matter is under process and will be decided in due course of time.



#### 2.5.4 **Indexation / Adjustment of Tariffs**

Tariff Department processed adjustment requests (i.e. quarter/bi-annual/annual basis) of relevant tariff component submitted by IPPs as per the indexation mechanism stipulated in the decisions of the Authority in respect of Wind, Solar and Bagasse based generation companies on account of US CPI, Local CPI (General), exchange rate and KIBOR/LIBOR variation etc. during the reporting period Oct-Dec, 2023 and issued decisions in respect of 53 Nos. IPPs.



### **3. Licensing Department**

#### **3.1 Generation License**

The Authority granted generation licence [no. GL(Hydel)/20/2023 dated November 30, 2023) to Pakhtunkhwa Energy Development Organization (PEDO) for its 88.0 MW Gabral Kalam Hydel Power Plant located at River Gabral, District Swat in the Province of Khyber Pakhtunkhwa.

#### **3.2 License for Provincial Grid Company**

The Authority has granted licence to Punjab Grid Company Limited to act as Provincial Grid Company for the province of Punjab, pursuant to Section 18A of the NEPRA Act.

#### **3.3 Supply License**

The Authority has granted eight (08) Electric power supply licences to various distribution companies including FESCO, GEPCO, HESCO, IESCO, LESCO, MEPCO, PESCO and QESCO pursuant to Section-23E & 23F of the NEPRA Act, to engage in electric power supply business as SoLR.

#### **3.4 Net-metering**

The Authority granted four hundred and forty five (445) distributed generation net metering licences (more than 25 KW) having cumulative capacity of 55.91 MW.

#### **3.5 Licensee proposed Modification (LPM)**

The Authority has granted LPM in the generation licence (No. IGSPL/13/2007 dated July 26, 2007) of Engro Powergen Qadirpur Limited regarding addition of Low BTU Gas from Badar Gas Field as a primary fuel.



## **4 Consumer Affairs Department & Complaints Management**

### **4.1. No. of complaints and hearings**

Consumer Affairs Department (Head Office & Provincial/Regional Offices) has received/processed a total No. of 4949 complaints during the period October - December, 2023 out of which 3393 complaints have been redressed and 1556 complaints are under process. Moreover, a total No. of 1339 hearings were also conducted (including online, Head Office and in Regional Offices) by Consumer Affairs Department during the above said period and directions were issued accordingly.

### **4.2. Court Cases**

Consumer Complaints Tribunal has decided a total No. of 07 Complaints/Cases/Writ Petitions referred by various Courts of law. Moreover, 46 Nos. of major cases/complaints have also been decided by Consumer Complaints Tribunal during the period October - December 2023 and directions were issued accordingly.

- i. Decision in the matter of W.P.No. 42910/2023 referred by Honorable Lahore High Court, Lahore filed by Mr. Faisal Rafi against FESCO regarding revision of demand notice.
- ii. Decision in the matter of W.P.No. 43878/2023 referred by Honorable Lahore High Court, Lahore filed by Mr. Javed Iqbal Ramday, Advocate on behalf of Mr. Muhammad Zafar Iqbal against FESCO regarding additional demand notice.
- iii. Decision in the matter of W.P.No. 58416/2023 referred by Honorable Lahore High Court, Lahore filed by M/s BECO Steel Limited against LESCO regarding re-connection of electricity supply.
- iv. Decision in the matter of W.P.No. 11274/2023 referred by Honorable Lahore High Court, Multan Bench, Multan filed by Mr. Muhammad Ramzan Mushtaq on behalf of M/s Mahmood Textile Mills Limited and M/s Masood Spinning Mills Limited against MEPCO regarding Incremental Support Package (ISP).
- v. Decision in the matter of W.P.No. 34371/2023 referred by Honorable Lahore High Court, Lahore filed by Mr. Muneeb Akbar, M.A Processing Private Limited through Legal Counsel Mr. Khalil-ur-Rehman, Advocate against LESCO regarding incremental consumption package.
- vi. Decision in the matter of W.P.No. 17139/2023 referred by Honorable Lahore High Court, Lahore filed by M/s Zaitoon Textile Mills Private Limited through Mr. Khalil-ur-Rehman, Advocate against FESCO regarding Industrial Support Package (ISP).
- vii. Decision in the matter of W.P.No. 11530/2023 referred by Honorable Lahore High Court, Multan Bench, Multan filed by M/s Fazal Mills Limited through Legal Counsel Mr. Muhammad Ali Siddiqui, Advocate against MEPCO regarding withdrawal of notice for consolidation of load.

### 4.3 Major Cases

- i. Complaint filed by Mr. Amal Baz Khan, Director Zarkoon International, Singapore Plaza against IESCO regarding Grid Sharing Charges upon extension of load.
- ii. Complaint filed by Rana Waseem Ashraf against GEPCO regarding additional demand notice.
- iii. Complaint filed by Mr. Abdul Ghafoor against FESCO regarding issuance of additional demand notice.
- iv. Complaint filed by Mr. Abdul Wahid (M/s Javeria Builders & Developers) against K-Electric regarding delay in provision of electricity connection.
- v. Complaint filed by Mr. Waris Ali s/o Muhammad Ayub against FESCO regarding delay in provision of connection.
- vi. Complaint filed by Mr. Muhammad Shafiq Anjum, Corporate Secretary, Pakistan Steel Corporate Secretariat against K-Electric regarding billing tariff.
- vii. Complaint filed by Sheikh Jahangir Iqbal on behalf of Mr. Muhammad Zafar Iqbal against GEPCO regarding extension of load.
- viii. Complaint filed by Mr. Muhammad Kashif Maqsood against LESCO regarding excessive billing.
- ix. Complaint filed by Mr. Waseem Ahmed against FESCO regarding issuance of additional demand notice.
- x. Complaint filed by Mr. Ameer Muhammad against MEPCO regarding delay in provision of connection.
- xi. Complaint filed by Mr. Muhammad Waseem Shahzad against GEPCO regarding non-provision of connection.
- xii. Complaint filed by Mr. Shahvaz Ali Malik against LESCO regarding excessive billing.
- xiii. Complaint filed by Mr. Muhammad Iftikhar s/o Rehmat Ali, Al-Madina Marble Factory, C/o Muhammad Umair-ul-Hassan against MEPCO regarding detection bill.
- xiv. Complaint filed by Mr. Jabir Abbas against MEPCO regarding illegal extension of 11kV Line & installation of 11kV transformer.
- xv. Complaint filed by Mr. Muhammad Anjum ul Zaman against MEPCO regarding wrong disconnection.
- xvi. Complaint filed by Mr. Ghulam Shabbir against FESCO regarding issuance of additional demand notice.
- xvii. Complaint filed by Rao Muhammad Nasir Jamil against LESCO regarding excessive billing.
- xviii. Complaint filed by Mr. Ghulam Qadir against FESCO regarding issuance of additional demand notice.
- xix. Complaint filed by Mr. Shahzad Akbar Butt s/o M. Akbar Butt against FESCO regarding issuance of additional demand notice.
- xx. Complaint filed by Mr. Abdul Wahid through Khair Muhammad against MEPCO regarding withdrawal of detection bill and disconnection.
- xxi. Complaint filed by Mr. Janab Ali against PESCO regarding detection bill.
- xxii. Motion for leave for review filed by K-Electric Limited (KE) against the decision of NEPRA Consumer Complaints Tribunal in the matter of complaint filed by Mr. Nasir Iqbal,

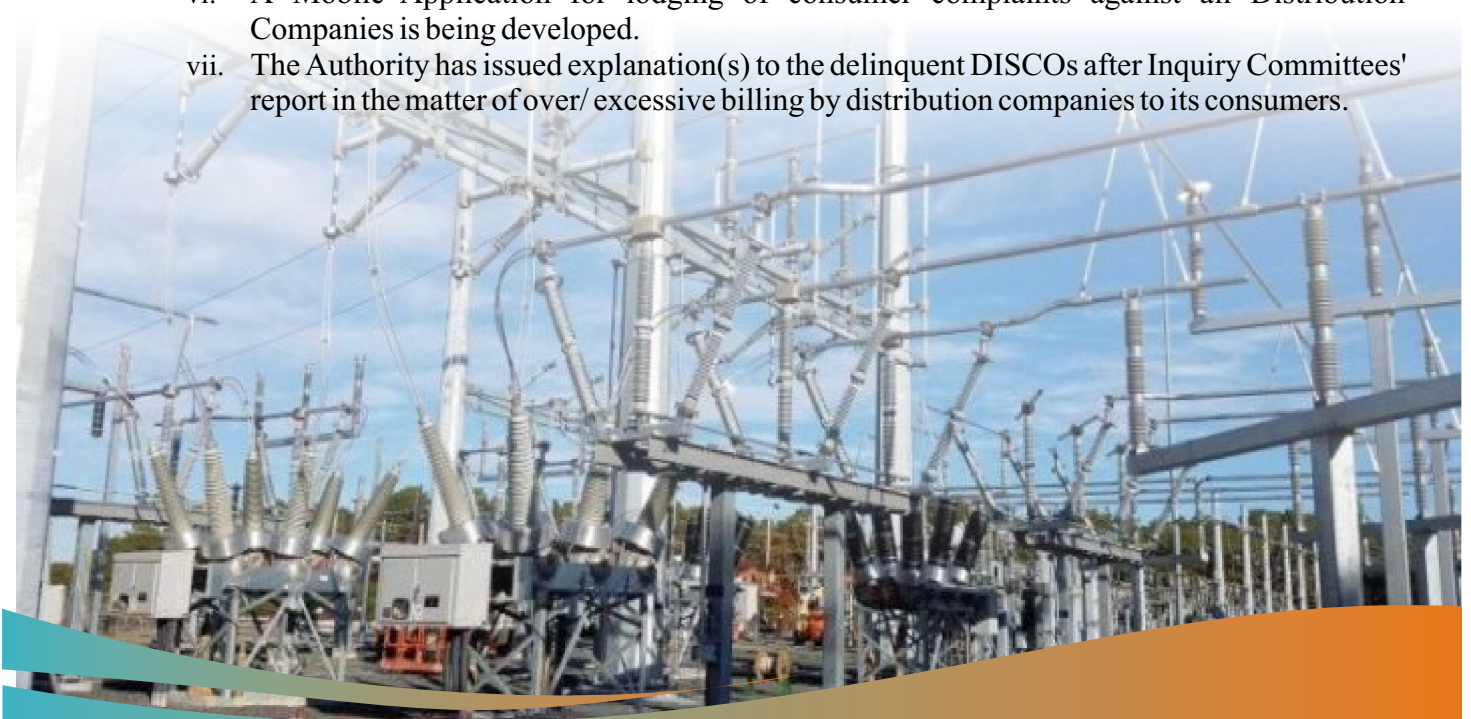
- General Secretary, Garden City Community Welfare Association against KE regarding load shedding.
- xxiii. Complaint filed by Mr. Ghulam Aftab s/o Muhammad Gull against PESCO regarding correction of bill.
- xxiv. Complaint filed by Mr. Athar Iqbal Mirza against LESCO regarding excessive billing.
- xxv. Complaint filed by Syed Wajahat Ali against LESCO regarding wrong billing.
- xxvi. Complaint filed by Mr. Zubair Ali s/o Zulfiqar Ali against LESCO regarding excessive billing.
- xxvii. Complaint filed by Mr. Muhammad Rau-ur-Rehman, M/s Kabir Polytextile Mills Limited against MEPCO regarding incremental consumption package.
- xxviii. Complaint filed by Malik Shamshad Hussain against LESCO officials regarding replacement of meter.
- xxix. Motion for leave for review filed by Mr. Sahibzada Jamiullah Khan through Counsel Mr. Shafiq Aitzaz Khattak, Advocate against the decision of NEPRA Consumer Complaint Tribunal in the matter of complaint filed by Mr. Sahibzada Jamiullah Khan against PESCO regarding detection bill.
- xxx. Complaint filed by Mr. Shehzad Mehmood Butt against LESCO regarding detection bill.
- xxxi. Complaint filed by Mr. Muhammad Jameel against LESCO regarding detection bill.
- xxxii. Complaint filed by Mr. Muhammad Usman & Others against MEPCO regarding non issuance of bills(s).
- xxxiii. Complaint filed by Mr. Alamdar Hussain against FESCO regarding disconnection of connection from the dedicated transformer.
- xxxiv. Complaint filed by Lt. Col. Siddiqullah, Administrator on behalf of M/s Muhammad Teaching Hospital, Peshawar against PESCO regarding adjustment of load.
- xxxv. Complaint filed by M/s Roomi Fabrics Limited & M/s Masood Fabrics Limited against MEPCO regarding incremental consumption package.
- xxxvi. Complaint filed by Mr. Abdul Aziz against QESCO regarding unjustified detection bill.
- xxxvii. Complaint filed by Barrister Mudassir Naqvi against LESCO regarding excessive billing.
- xxxviii. Complaint filed by Mr. Abdul Rehman s/o Sadar Din c/o Rana Muhammad Ali against LESCO regarding detection bill.
- xxxix. Complaint filed by Mr. Muhammad Ayub against QESCO regarding unjustified detection bill.
- xl. Complaint filed by Mr. Muhammad Ahmed against HESCO regarding detection bill.
- xli. Complaint filed by Mr. Amir Ali, Owner Al-Wali Orchard against MEPCO regarding illegal charging cost of feeder rehabilitation.
- xlii. Complaint filed by Mr. Muhammad Arslan Khalid, Palm Avenue (Housing Scheme) against MEPCO regarding rehabilitation charges.
- xliii. Complaint filed by Mr. Ali Khursid Mangat against FESCO regarding delay in provision of electricity connection.
- xliv. Complaint filed by Mr. Hayatullah against PESCO regarding arrears in the bill.
- xlvi. Complaint filed by Mr. Taimoor Jang Khan against PESCO regarding excessive billing.
- xlvi. Complaint filed by Mr. Waqas Yousaf s/o Muhammad Yousaf against LESCO regarding excessive billing.

#### 4.4 Hearings conducted

A total No. of 911 hearings were conducted (including online, Head Office and in Regional Offices) by Consumer Affairs Department and directions were issued accordingly.

#### 4.5 Other Highlights

- i. Directions were issued to all DISCOs to avoid disconnection of electricity supply upon default of one month's/current bill only.
- ii. A meeting with National Database & Registration Authority (NADRA) officials was held w.r.t. proposal regarding issuance of electricity connection(s) on CNIC.
- iii. The Authority took serious notice upon receiving a number of complaints and observations from various forums and individual consumers that applications of Net Metering are not being processed expeditiously and delayed for one reason or the other. In this regard, directions were issued to all DISCOs that all the net metering applications of eligible consumers be processed on priority basis, without any discrimination.
- iv. The Authority has approved amendments in Consumer Service Manual (CSM) and the same were conveyed to all the DISCOs including K-Electric and other stakeholders.
- v. The Authority took serious notice of poor workmanship i.e. tangled/disorderly electric networks of service cables and meters in blatant disregard of provision of CSM and directed all the DISCOs including K-Electric to carry out surveys to identify the disorderly/jumbled wires and cable installation on the distribution network in their respective areas and submit the corresponding rectification program to the Authority. DISCOs have also been directed to educate their officers/ officials on a continuous basis with regard to NEPRA Act, CSM, Safety Codes, etc.
- vi. A Mobile Application for lodging of consumer complaints against all Distribution Companies is being developed.
- vii. The Authority has issued explanation(s) to the delinquent DISCOs after Inquiry Committees' report in the matter of over/ excessive billing by distribution companies to its consumers.



## 5. Registrar

The following Decisions / Licences were issued by the Registrar Office.

Sr. No.	Particular	No(s)
1	Generation Licence	One (01)
2	MicroGrid Licences	Two (02)
3	Transmission Licence	One (01)
4	Supply Licences to XWDISCOs	Eight (08)
5	Licencee/ Authority Proposed Modification (LPMs/APMs)	One (01)
6	Determinations	Nine (09)
7	Power Acquisition Request	Fifteen (15)
8	Decisions	Two Hundred and thirty eight (238)

Besides above, three (03) Licence applications, twelve (12) Review Motions, fifteen (15) Tariff Petitions and one (01) Supply Licence application have been processed by the Registrar Office for admission by the Authority.

## 6 CTBCM Department

### 6.1 Achievement of CTBCM

- CTBCM team demonstrated proactive involvement and substantial contribution in the development phase of the SPA Code, ensuring its alignment with industry standards and regulatory requisites. Additionally, their pivotal role extended to crafting and disseminating License templates aimed at streamlining distribution procedures and ensuring compliance. Furthermore, the team took a hands-on approach in establishing meticulous performance standards, drawing upon their expertise to set benchmarks that foster efficiency and quality within the industry framework.
- A cross-functional team has been engaged with National Renewable Energy Laboratory (NREL) on online training sessions covering various aspects of market monitoring unit including competitive electricity markets, market restructuring, market monitoring functions, personnel skills, investigation strategies, and best practices for market monitoring globally.
- NEPRA's CTBCM team's multifaceted initiatives, encompassing strategic planning, regulatory enhancements, and operational refinements within the power sector, serve as pillars fortifying national economic security. NEPRA's proactive approach not only ensures a robust and reliable energy landscape but also establishes a resilient economic foundation


## **7 Monitoring & Enforcement Department**

### **7.1 Generation**

- 7.1.1 Recovery request issued on 02-11-2023 to the District Collector/Deputy Commissioner, Islamabad in order to recover Rs. 100 Million fine imposed by the Authority on CPGCL on account of raising invoices pertaining to excess capacity payments in respect of different units/machines 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.
- 7.1.2 A hearing was held in the matter of Show Cause Notice issued to CPGCL in lieu of the acquisition of Gas Booster Compressor Station by CPGCL from Engro Fertilizers free of cost in consideration of gas quota and its subsequent transfer to NPGCL against Rs. 1.242 Billion. During the hearing, the Authority directed CPGCL to settle its accounts with NPGCL. Accordingly, a letter was issued to CPGCL on 27-12-2023.
- 7.1.3 A hearing was held in the matter of Explanation issued to KE in lieu of the total power system collapse occurred on 23.01.2023. During the hearing, the Authority directed to hold a consultative session on black start facilities with NTDC, NPCC, CPPA-G, KE and WAPDA. Accordingly, the above-mentioned consultative session was held on 06-12-2023.
- 7.1.4 Working Paper in the matter of non-finalization of operating procedures of a number of power plants and non-signing of black start procedures with different power plants was presented before the Authority. The Authority, inter alia, decided to issue an Explanation to CPPA-G. Accordingly, an Explanation was issued to CPPA-G on 12-12-2023. In response, CPPA-G has submitted its reply. The same is being reviewed.
- 7.1.5 Addendum to Revised Case Officer Report in the matter of Show Cause Notice issued to CPPA-G on account of non-imposition of liquidated damages on WAPDA for availing higher outages by some of its hydel power stations than allowed limit as specified in the PPA.
- 7.1.6 M&E is monitoring generation dispatch of KE and NTDC for 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 Economic Merit Order.

### **7.2 Transmission**

#### **7.2.1 Legal Proceedings against NTDC on the issues pertaining to Jhimpir-II Grid Station**



The M&E team visited the under-construction and energized 220 kV Jhimpir-II Grid of NTDC, and a report was submitted by NTDC. Unsafe conditions were noted from the report, including lack of fencing, boundary wall, risk of damage heavy rains, etc. A report was placed before the Authority and as per directions of the Authority, an explanation was issued to NTDC, however, the response against the explanation submitted by NTDC was not satisfactory and a Show Cause Notice was served to NTDC on December 26, 2022. After hearings and directions issued on June 14, 2023, NTDC responded on June 16, 2023. The Case Officer Report was presented to the Authority on October 17, 2023, the Authority after detailed deliberations, gave some directions and the same was conveyed to NTDC on November 28, 2023.

#### **7.2.2 Inquiry report in the matter of Total Power System Collapse occurred on 23 January 2023**

Pakistan faced a nationwide blackout on January 23, 2023. The inquiry report was presented to the Authority on March 20, 2023. The Authority's directions were conveyed to NTDC and NPCC on April 26, 2023. A final reminder was sent to NTDC on June 5, 2023, and NPCC replied on June 7, 2023. NTDC submitted its reply on July 21, 2023. After detailed review, the Authority issued specific directions to NTDC & NPCC on December 7, 2023.

#### **7.2.3 Tripping's and other issues taken up by M&E transmission team during Oct Dec 2023:**


- i. NEPRA directed NTDC to conduct a detailed inquiry and take necessary actions to avoid tripping's and submit a report. However, no response has been submitted, therefore final reminders were issued to NTDC during the reported period on the following incidents:
  - a) Tripping incident occurred on the 500kV Guddu-Shikarpur-II Transmission Line and the 220kV Guddu-Shikarpur-I/Guddu-Sibbi Transmission Line due to heavy rainfall.
  - b) Tripping incident occurred on 500kV, 220kV NTDC System & 132kV DISCOs network due to extreme weather condition in GEPCO and LESCO dated June 25, 2023.
  - c) Tripping of 500kV S/Cc New Ghakkar-Sheikhupura-Nokhar T/Line due to collapse of Tower no. 114-118 owing to heavy rain/wind storm under the service area of LESCO dated June 15, 2023.
  - d) Tripping incidents occurred due to tower collapses on the 220kV Gharo-Jhimpir-I Transmission Line, 220kV Jhimpir-II Transmission Line, and 220kV D.G Khan-Loralai Transmission Line, caused by heavy windstorms and rainfall.
  - e) Tripping of 500kV Sheikhupura to Nokhar T/Line tripped on August 07, 2023 due to broken sub conductor of yellow phase between Tower No. 44 & 45.



- f) Tripping incidents occurred on the 500kV Jamshoro-K2-K3 Transmission Line and the 500kV Jamshoro-NKI Transmission Line within the service area of HESCO, attributed to broken insulator strings.
  - g) Various Tripping incidents occurred within Transmission network of K-Electric was brought into the knowledge of M&E department. Due to the said tripping's, the power supply to various consumer under K-Electric licensed areas remained suspended for hours. A letter issued to KE on October 09, 2023 to inquire all of the above highlighted tripping's within K-Electric transmission network in a detailed manner. In response, KE submitted its response on November 07, 2023. The matter is currently in process.
- ii. In addition to above, following incidents of trippings, tower collapse, and system stability etc. issues were also taken up with NTDC:
- a) The tripping report of the 500 kV NKI-Jamshoro Circuit: yellow phase insulator string at location #233, blue phase insulator string at location #235, and shield wire broken between locations #234 235 in the transmission line.
  - b) The tripping of the 220KV GUDDU-SIBBI transmission line occurred at 13:08 hrs on October 31, 2023, due to the collapse of towers no. 531 and 532.
  - c) Tripping incident of 220kv Ludewala-Lalian 1&2 on 21-11-2023 due to broken blue phase dead-end body at tower no. 241 of 220kv Lalian-Ludewala Circuit No. 2.
  - d) The tripping of the 500kV Jamshoro-K2K3 Circuit-II Transmission Line occurred on December 05, 2023, due to the collapse of towers no. 79 and 81, attributed to sabotage activity.
  - e) Tripping of 500kV HVAC South-North CKT, on 26-12-2023 & 31-12-2023 was reported to NEPRA. In order to get the detailed reports, letters are under preparation.

### **7.3 Distribution**

- 7.3.1 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 Authority took notice and initiated legal proceedings against HESCO, SEPCO, QESCO, PESCO, and K-Electric on account of excessive load shedding (based on AT&C losses policy) being carried out by DISCOs in their service territories. During the proceedings, Show Cause Notices to DISCOs have been issued, hearings on the matter have also been held.
- 7.3.2 The Authority took notice and initiated legal proceedings against all XW-DISCOs on account of

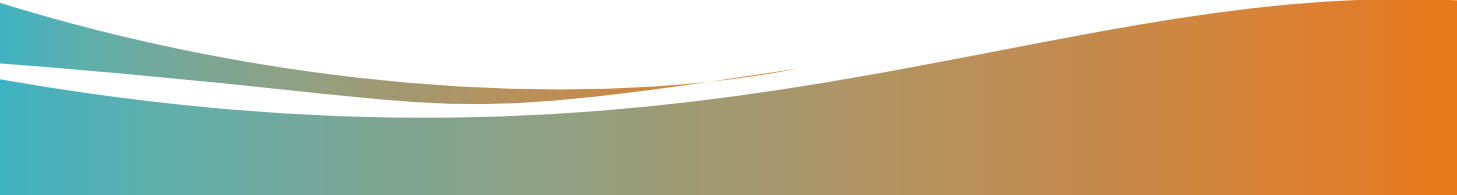


failure to execute earthing/grounding of HT/LT poles/structures within their service territories. Accordingly, Explanations/Show Cause Notices to XW-DISCOs have been issued and hearings have been held on account of lack of earthing of hundreds of thousands of HT/LT poles/structures which could lead to occurrence of fatal accidents.

- 7.3.3 Keeping in view the installation of AMI/AMR meters at the PMT level by K Electric, the Authority directed KE to carry out load shedding at the PMT level instead of feeder level through remote disconnection /re-connection of the supply in order to facilitate the good paying consumers. In this context, NEPRA and KE are actively engaged and KE has started the same at few medium loss feeders in initial phase.
- 7.3.4 The Authority took notice and ordered an Investigation against LESCO on account of twelve (12) Fatal Accidents that occurred in its service territory due to monsoon spells in July 2023. Based on the Investigation report, the Authority issued a Show Cause Notice to LESCO on account of nine (09) fatalities out of twelve (12) that occurred due to LESCO's own negligence.
- 7.3.5 Monthly data related to different parameters from all DISCOs is being collected through the Online Data Exchange Portal to analyze all relevant information from Distribution Companies and use insights to mitigate risk and promote efficiency in the future by shifting its Paper-Based System to electronic filing, physical space-saving, and increasing security. NEPRA being a regulator keep a vigilant eye on all the parameters including status of Pending Ripe Connection submitted by DISCOs on a monthly basis and from time to time directs them to take corrosive measures and improve their performance.
- 7.3.6 The Authority took notice and initiate legal proceedings against IESCO on the account of delay in gird inter-connection of Access Solar Pvt. Ltd and Access Electric Pvt. Ltd and subsequent loss to the national exchequer. Accordingly, a Show Cause Notice under NEPRA Fine Regulation, 2021 was served to IESCO and a hearing in the matter has been also held.

#### **7.4 Health Safety Environment (HSE) Department**

Pakistan Railways, Rawalpindi, reported a significant near-miss incident on Sep 27, 2023 that on Sept 11, 2023, an 11 KV overhead conductor broke and fell on the railway track between Madina Tul Hajaj and Golra Railway Station which jeopardized the safety of over 300 passengers traveling by Hazara Express. The Honorable Authority took serious notice and issued directive to network owners on Oct 16, 2023 for rectification of safety issues pertaining to overhead power lines crossing over Pakistan railway tracks on an emergency basis to ensure public safety. The rectification work is in progress by network owners.



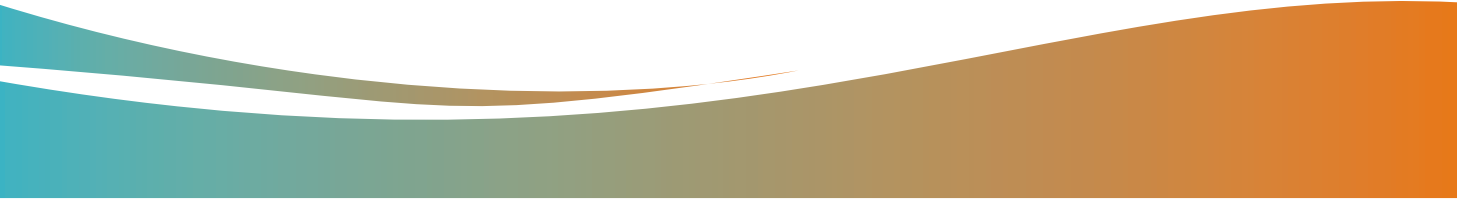


## 8. Technical Department

Cases processed:

- i. Processing of KE's Investment Plan for MYT Tariff control period from FY2024 to FY2030.
- ii. Processing of Interconnection Agreement to be signed between NTDC and K-Electric.
- iii. Processing of NTDC's Investment Plan.
- iv. Provision of detailed comments regarding Energy Transition Mechanism workshop of ADB (Asian Development Bank)) 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.

## 9. Information Technology (IT)

- i. A collaboration On NEPRA website 1729 documents were uploaded relating to Authority decisions, determinations, tariff adjustments, comments, net metering licensee, advertisement, tenders and other documents.
  - ii. NEPRA plays a pivotal role in the electricity sector, and it is essential to leverage Information and Communication Technology (ICT) to enhance its services and engagements with its stakeholders. The NEPRA ICT Plan (2023-27) is developed and draft will be submitted for Authority approval in next quarter.
  - iii. Multichannel service delivery revolutionizes the consumer experience by seamlessly integrating various communication channels. This approach ensures accessibility and convenience, as consumers can effortlessly submit their complaints by using different platforms such as websites, emails, mobile apps and traditional consumer service center. Furthermore, the integration of a mobile app adds an extra layer of convenience, putting essential services at the fingertips of consumers. The development of NEPRA mobile app for consumer complaints is in final stages and will be launched for general public in next quarter.
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## 10. Coordination & Implementation (C&I)

### 10.1 Regulatory Meetings & Hearings

- i. On October 03, 2023 Public Hearing regarding Tariff Petition filed by Kot Addu Power Company Ltd. for Determination of Reference Generation Tariff was held 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. On November 01, 2023 Public Hearing regarding Fuel Charges Adjustment of XWDISCOs for the Month of September 2023 held 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. During the reporting period 122 Authority Regulatory Meetings were conducted and 53 Public Hearings / Hearing / Consultative Sessions were held.

## **11. Human Resource, Administration & Media**

### **11.1 Training and development sessions**

Thirty five (35) female NERPA employees were nominated for 01 day "Leadership Training" program for 100 females of Energy Sector Organizations in collaboration with Asian Development Bank (ADB). Furthermore, nine (09) NEPRA Professionals were nominated for two days workshop organized by the Danish Energy Transition Initiative (DETI) in the aforementioned quarter.

### **11.2 Recruitment Process and on boarding of fresh Human Capital**

HR Department conducted interviews for the posts of Senior Legal Advisor, Consultant Technical, Consultant Tariff, and Consultant Licensing. The HR Department also advertised the post of Advisor (CA) for Consumer Affairs Department Regional Office, Quetta.

### **11.3 Internal Recruitment Process**

HR Department in order to motivate its employees and give them opportunities for career growth introduced internal recruitment of Ten (10) Junior Executives and Six (6) Drivers.

### **11.4 Probation Termination of NEPRA Employees**

During this quarter, the HR Department initiated the case regarding the probation termination of two (02) NEPRA employees after which the Authority regularized their services.

### **11.5 Re-designation of Sr. Computer Operators**

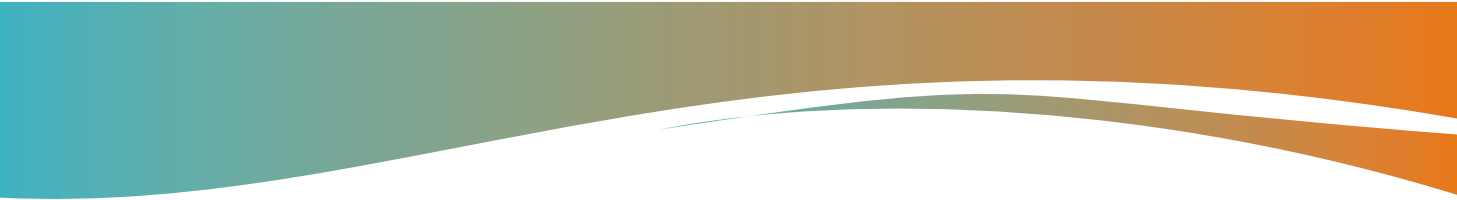
Sr. Computer Operators requested for change of their nomenclatures accordingly, HR Department prepared their cases and with approval of the Authority changed their nomenclatures as per their cadre and career ladder as Executive Secretary or Technical Assistant.

### **11.6 USAID Power Sector Improvement Activity's (PSL4'S)-Empower All Energy Program**

The HR Department arranged a visit at NEPRA on December 12, 2023 for 24 graduates (male and female) at the request of USAID Power Sector Improvement Activity (PSIA) who were conducting "Empower All Energy Program". The said graduates were provided with energy sector exposure, working knowledge, skill enhancement and professional competencies.

### **11.7 Hajj Pilgrimage Balloting**

The HR Department conducted Hajj Balloting for its employees and selected two employees to perform Holy pilgrimage to Kingdom of Saudi Arabia on the expenses of NEPRA. Accordingly,



Mr. Muhammad Khurshid, Qasid (Admin) and Mr. Danish Matloob, Naib Qasid (CAD) were selected through balloting.

#### **11.8 Maternity and Paternity Leave Act, 2023**

The HR Department prepared the case of amendment in regulation for Maternity and Paternity leaves in line with Maternity and Paternity Leave Act, 2023. Accordingly, Authority graciously approved that the maternity leave would be granted to female employees for one hundred and eighty days on first birth, one hundred and twenty days on second birth and ninety days on third birth and paternity leave would be granted to male employees for fifteen days.

#### **11.9 Meeting of the SAARC Council**

The HR Department organized Fifth Meeting of the SAARC Council of Experts of Energy Regulators (Electrical) which was participated by the Members of SAARC Countries.

#### **11.10 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 on daily basis.

#### **11.11 Tender(s) for miscellaneous projects**

In order to keep the outsourced services continued, the Administration Department regularly carries out the tendering for procurement of goods, works & services. In the quarter October-December, 2023, the following tenders were floated to finalize the procurements:

- i. Supply of miscellaneous items at NEPRA in the last quarter i.e. October-December, 2023.

**11.12** NEPRA Media Department was published a total of 45 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. Similarly, 16 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. 8,479,023/- (8.47 Million) was also paid to the newspapers for the published advertisements.

**11.13** Also ensured extensive coverage of various events/webinar in print and electronic media; some of which are mentioned below:

- a) Awareness Session on “NEPRA Emergency Management Plan”
  - b) NEPRA celebrates Women Leadership
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## **12 Anticipated Activities and Development for the 1<sup>st</sup> Quarter of FY 2024:**

### **Tariff Department**

1. Seven tariff Modification Petitions are under process namely;
  - i. NPGCL Nandipur
  - ii. Engro Powergen Qadirpur Limited
  - iii. K-Electric Petition for its Generation Plants
  - iv. JPCL EPC stage tariff
  - v. CPGCL open cycle tariff
  - vi. Karachi nuclear Unit 2
  - vii. Karachi nuclear Unit 3
2. Four Review motions filed by Lucky Electric, Port Qasim, HSR and CHIC against Authority decisions are in process along with revision in coal pricing mechanism and routine Fuel Price Adjustment, Quarterly Indexation, Insurance Adjustment, CV Adjustments and Withholding Tax Adjustment of various IPPs.

### **Tariff Determination of Wind Power Projects**

- (i) Trans-Atlantic Energy (Pvt.) Limited (49.5 MW)
- (ii) Western Energy (Pvt.) Limited (47.6 MW)

### **COD Tariff Adjustment of Wind Power Projects**


- (i) Lucky Renewables (Pvt.) Limited (formerly Tricom Wind Power (Pvt.) Limited) (50 MW)
- (ii) Gul Ahmed Electric Limited (50 MW)
- (iii) Din Energy Limited (50 MW)
- (iv) Act2 Din Wind (Pvt.) Limited (formerly Act2 Wind (Pvt.) Limited) (50 MW)
- (v) Artistic Wind Power (Pvt.) Limited (50 MW)
- (vi) Metro Wind Power Limited (60 MW)
- (vii) NASDA Green Energy (Pvt.) Limited (50 MW)
- (viii) Liberty Wind Power 1 (Pvt.) Limited (50 MW)
- (ix) Liberty Wind Power 2 (Pvt.) Limited (50 MW)
- (x) Lakeside Energy (Pvt.) Limited (50 MW)
- (xi) Indus Wind Energy Limited (50 MW)

### **COD Tariff Adjustment of Solar Power Projects**

- (i) Atlas Solar Limited (formerly Zhenfa Energy Company (Pvt.) Limited) (100 MW)

### **Licensing Department**

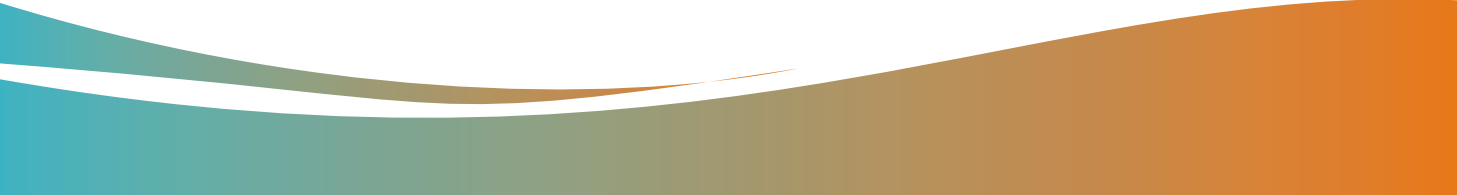
- (i) Formulation of NEPRA (Generation) Regulations, 2023 in lieu of NEPRA (Generation)

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- Rules, 2000;
- (ii) Formulation of NEPRA (Technical Standards & Connectivity with the grid) Regulations, 2023;
  - (iii) Formulation of NEPRA (Bulk Power Consumer) Regulations, 2023;
  - (iv) Modifications in NEPRA (Alternative & Renewable Energy) Distributed Generation and Net Metering Regulations, 2015 to consider the provisions of Concurrence instead of Licence;
  - (v) Modifications in NEPRA Licensing (Application, Modification, Extension and Cancellation) Procedure Regulations, 2021 to include provisions for Concurrence;
  - (vi) Modifications in NEPRA Licensing (Fee) Regulations, 2021 to include provisions for Concurrence;
  - (vii) Grant of Licenses to Ten (10) DISCO(s) as SoLR;
  - (viii) Grant of Licenses for Distribution and SoLR for KE;
  - (ix) Grant of Registration to CPPA-G for SPA for Legacy Contracts;
  - (x) Licence for Provincial Grid Company for the provinces of Punjab and Baluchistan;
  - (xi) Approval of IFCEP for the 2023-2032;
  - (xii) Approval of TSEP for the 2023-2032;
  - (xiii) Grant of 20-30 Licence to Competitive Supplier for Supplying to BPC(s) earlier granted Second Tier Supplier Authorization;
  - (xiv) Grant of 5-10 Licenses to Competitive Supplier for Supplying to BPC(s) under the CTBCM regime;
  - (xv) Grant of Concurrence for 15-20 generation companies;
  - (xvi) Grant of Licenses to 4-5 companies for Trader;

### **CTBCM**

- (i) Declaration of Commercial Market Operations Date for CTBCM
- (ii) Determination of Use of System Charges for the CTBCM
- (iii) Approval of Use of System Agreement
- (iv) Formulation of National Electric Power Regulatory Authority
- (v) Investment Standards and Procedures (Transmission and Distribution) Regulations
- (vi) Review and Approval of Security Package Documents for CTBCM
- (vii) Approval of Power Acquisition Programme of DISCOs
- (viii) Approval of the Power Acquisition Programme of KE
- (ix) Grant of IAA Registration to PPIB
- (x) Grant of Special Purpose Agent Registration to CPPA-G and approval of Agency Code
- (xi) Security Package Documents
- (xii) Institutional Restructuring
- (xiii) Lifting of Moratorium

### **Consumer Affairs Department**

- (i) Development of Mobile application for lodging of consumer complaints against all DISCOs.
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- (ii) Development of electricity bill estimator/ calculator to be placed at NEPRA website to facilitate the consumers.
- (iii) Development of estimator to assess cost of new connection to be placed at NEPRA website to facilitate the prospective consumers
- (iv) Modernization/automation of NEPRA Regional Offices, Lahore and Karachi offices will be upgraded in the first phase.

### **Monitoring & Enforcement Department**

- (i) Effectively monitoring the operational performance of power generation projects (especially efficient generation capacity) installed in the system for their optimal utilization.
- (ii) Effectively monitoring the progress of NTDC for removal of system constraints for optimal utilization of available generation capacity
- (iii) Monitoring of interconnection schemes of new power plants for timely completion
- (iv) Effectively monitoring the compliance status of concerned entities against applicable documents, SOPs etc.
- (v) To ensure Earthing/Grounding of HT/LT Poles/Structures in all DISCOs.
- (vi) Conversion of existing Rules into Regulations
- (vii) To ensure provision of new connection and net metering connection within permissible time as specified in NEPRA PSDR.
- (viii) Implementation of AMI/AMR metering at PMT level in all DISCOs

### **Technical Department**

- i. Online Access to CPPA-G portal regarding verification of different technical parameters for monthly FCAs and QTAs.
- ii. Online Access to KE portal regarding verification of different technical parameters for monthly FCAs and QTAs.
- iii. Development of tool for assessment of EMO violations in the system operations and calculation of financial impact thereon.

### **IT Department**

- (i) Up-gradation of the ICT infrastructure in NEPRA including provision of End Point Security Solutions, revamping of Enterprise Content Management System, review of existing NEPRA Information Security Policies and Data Governance.
- (ii) Phase-I assessment of all Licenses will be completed and the cyber-security audit firms will be finalized to perform the Industrial Cyber Security Audits /Red Teaming engagements across Infrastructure /information systems of NEPRA's Licensees

### **Human Resource Department**

- (i) Procurement of Oracle HRMS Solution for the automation of the processes;
- (ii) Hiring of Human Resources for Critical Positions;
- (iii) Capacity Building of Professionals & Officials.