

National Electric Power Regulatory Authority Islamic Republic of Pakistan

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No. NEPRA/DG(Lic)/LAS-22/982 - 1002

January 19, 2024

Chief Executive Officer K Electric Limited (KEL) KE House, 39 B Main Sunset Boulevard, DHA Phase-II, Karachi

Subject: Grant of Electric Power Supply Licence No. SOLR/09/2024 Licence Application No. LAS-22 <u>K-Electric Limited (KE)</u>

Reference: KE letter No. KE/RA&GR/NEPRA/2023/327 dated 26.02.2023

The Determination of the Authority in the subject matter and the Electric Power Supply Licence (SOLR/09/2024) are attached herewith. Please note that the Determination of the Authority contains 12 pages whereas the Electric Power Supply Licence consists of Face Sheet (single page), Articles of Electric Power Supply Licence (17 pages), Schedule I (4 pages).

2. Please quote above mentioned Electric Power Supply Licence No. for future correspondence.

Enclosure: As Above

(Engr. Mazhar Íqbal Ranjha)

Copy to:

- 1. Secretary, Power Division, Ministry of Energy, 'A' Block, Pak Secretariat, Islamabad
- 2. Secretary, Ministry of Planning & Development, Government of Pakistan, 'P' Block, Pak Secretariat, Islamabad
- 3. Secretary, Ministry of Finance, Government of Pakistan, 'Q' Block, Pak Secretariat, Islamabad
- 4. Secretary, Energy Department, Government of Punjab, EFU House, 8th Floor, 6-D Jail Road, Lahore
- 5. Secretary, Energy Department, Government of Sindh, State Life Building -3, Dr. Zia-ud-din Ahmed Road, Karachi
- 6. Secretary, Energy & Power Department, Government of Khyber Pakhtunkhwa, Block-A, 1st Floor, Abdul Wali Khan Multiplex, Civil Secretariat, Peshawar.
- 7. Secretary, Energy Department, Government of Balochistan, Block-1, Balochistan Civil Secretariat, Zarghoon Road, Quetta
- 8. Managing Director, National Transmission & Despatch Co. 414-WAPDA House, Shahrah-e-Quaid-e-Azam, Lahore
- 9. CEO, Central Power Purchasing Agency (Guarantee) Ltd, 73 East, A.K.Fazl-e-Haq Road, Blue Area, Islamabad
- Managing Director, Private Power & Infrastructure Board (PPIB), Ground & 2nd Floors, Emigration Tower, Plot No. 10, Mauve Area, Sector G-8/1, Islamabad

- Chief Executive Officer Peshawar Electric Supply Company NTDC House, Shami Road, Peshawar
- Chief Executive Officer Multan Electric Power Company (MEPCO) NTDC Colony, Khanewal Road, Multan
- Chief Executive Officer Quetta Electric Supply Company (QESCO) Zarghoon Road, Quetta
- Chief Executive Officer Tribal Areas Electricity Supply Company 213-NTDC House Shami Road, Peshawar
- Chief Executive Officer Sukkur Electric Supply Company (SEPCO) Old Thermal Power Station, Sukkhur

- Chief Executive Officer Gujranwala Electric Power Company (GEPCO) 565/A, Model Town, G.T Road, Gujranwala
- Chief Executive Officer Islamabad Electric Supply Company (IESCO) Street 40, Sector G-7/4, Islamabad
- Chief Executive Officer Hyderabad Electric Supply Company WAPDA Complex, Hussainabad, Hyderabad
- Chief Executive Officer Faisalabad Electric Supply Company (FESCO) Abdullahpur, Canal Bank Road, Faisalabad
- 20. Chief Executive Officer Lahore Electric Supply Company 22-A, Queens Road, Lahore

National Electric Power Regulatory Authority (NEPRA)

<u>Determination of the Authority</u> <u>in the Matter of the Application of K-Electric Limited for the Grant</u> <u>of Electric Power Supply Licence as Supplier of Last Resort</u>

<u>January, /9 [/]2024</u> <u>Case No. LAS-22</u>

The electric power sector of the country is governed under the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (Act. No. XL of 1997) (the "NEPRA Act"). The NEPRA Act was amended in the year 2018 vide the Regulation of Generation, Transmission and Distribution of Electric Power (Amendment) Act, 2018 (Act. No. XII of 2018) whereby certain fundamental changes were made in the said legal framework, *inter-alia*, generation, transmission, distribution segments and introduction of new licenses for the System Operator (SO), Market Operator (MO), Provincial Grid Companies (PGCs), Traders and Electric Power Suppliers, etc.

(2). Before the 2018 Amendments in the NEPRA Act, the supply function was embedded in the Distribution Licences of Distribution Companies that performed both 'Distribution' and 'Supply' functions. After the said amendments, the legislature bifurcated the 'Distribution' and 'Supply' functions wherein the 'Distribution' segment was retained in Section-21 of the NEPRA Act and for 'Supply', a new provision i.e. Section-23E was incorporated. The proviso to Section-23E(1) provided the deemed status of Supplier Licensees to all the Distribution Companies who possessed Distribution Licences at the time of notification of the 2018 Amendment Act for a period of five (05) years from the date of commencement of the 2018 Amendment Act.

(3). In terms of Section-23E of the NEPRA Act read with Regulation-3 of the NEPRA (Application, Modification, Extension and Cancellation) Procedure Regulations, 2021 (the "Licensing Regulations"), K-Electric Limited (KEL) submitted an application on May 26, 2023 for the grant of Electric Power Supply Licence (Supplier Licence) to act as Supplier of Last Resort (SoLR) in its designated service territory. The Registrar examined the submitted application in terms of the Licensing

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Regulations and found the same deficient on account of information/documents required under the Licensing Regulations. KEL was directed to provide the missing information/documents which it submitted on June 06, 2023.

(4). Accordingly, the Authority registered the application in terms of Regulation-6(6) of the Licensing Regulations and published a notice in the press on June 23, 2023, informing the general public, interested/affected persons/parties and other stakeholders about the submissions of the application for Supplier Licence, seeking their comments in the matter. Apart from the said, letters were also sent to Govt. Ministries/their attached departments and other representative organizations on June 26, 2023, seeking their perspective in the matter for the assistance of the Authority.

(5). In response to the above, the Authority received comments from eight (08) stakeholders including (a). Board of Investment (BOI); (b). Energy Department Government of Balochistan (EDGOB); (c). Lahore Electric Supply Company Limited (LESCO); (d). the Laylon Rahmatulla Benevolent Trust (LRBT); (e). Shaheen Industries (SI); (f). Women Development Foundation Pakistan (WDFP); (g). Private Power and Infrastructure Board (PPIB); and (h). Mr Muneeb ur Rehman of UC-Kunwari Colony. The review of the comments revealed that BOI, EDGOB, LESCO, LRBT, SI, WDFP, and Mr. Muneeb ur Rehman have supported the grant of Supplier Licence to KEL whereas, PPIB has highlighted the power acquisition strategy of KEL. The salient points of the comments offered by the said stakeholders are summarized in the following paragraphs:-

- BOI supported the grant of Supplier Licence to KEL and submitted that the Authority may proceed in the matter as per policy, rules and regulations;
- (b). EDGOB expressed that in the future, Pakistan may experience energy deficiency, therefore, it is vital to avoid any complexity in the smooth supply of electricity. In view of the said, EDGOB supports the grant of Supplier Licence to KEL;



- (c). LESCO did not object to grant Supplier Licence to KEL however, requested to clarify whether the utility is allowing the net metering or otherwise. Further, LESCO asked for details of human resources (technical, administrative, financial and IT) to undertake the responsibility of the Supply Licensee;
- (d). LRBT supported the grant of Supplier Licence to KEL expressing that as a private company, KEL has made huge investments to improve line losses. LRBT submitted that KEL has made improvements in the power supply of the city, with priority being given to essential services like hospitals;
- (e). SI remarked that privatization is key for bringing efficiency in the power sector and we have a success story in the form of KEL which has made a huge investment after the privatization. SI appreciated the plan of KEL to lower electricity prices through investments in sustainable renewable energy sources and promote innovation and efficiency in the sector. SI expressed that if the rest of the country follows a similar suit, the circular debt will be reduced which will ultimately bring about relief for the national exchequer in terms of cash inflows and investments. SI expressed that the grant of Supplier Licence to KEL is not only in the best interest of the industry of Karachi but also in the interest of other consumers;
- (f). WDFP submitted that despite many challenges, KEL is finding ways to work with the community. It must be acknowledged that recovery of bills and managing electricity theft are challenges that must be overcome for any utility. It is commendable that KEL regularly set up recovery camps to manage the issue of recoveries;
- (g). PPIB expressed that KEL needs to maintain a balanced demandsupply ratio to avoid any shortage in the power supply. In case KEL fails to meet proposed targets, a contingency plan should be put in place to address the shortfall and ensure an uninterrupted power supply to consumers. Additionally, if KEL plans to procure power

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from the National Grid or utilize the services of an Independent Auction Administrator (IAA), it may approach IAA by fulfilling the requirements; and

(h). Mr. Muneeb ur Rehman supported the grant of Supplier Licence to KEL and expressed that KEL is the best option for the supply of electricity to the citizens of Karachi. He added that the Authority should decide the application keeping in view the public interest.

(6). The Authority considered the above comments and decided to hold a joint Public hearing for the Distribution and Supplier Licence applications of KEL. In the said hearing, most of the stakeholders discussed the past performance of the utility after its privatization. It is pertinent to mention that the Authority has deliberated the same and has given its determination for the grant of Distribution Licence and reiterates the same. In view of the supportive comments of the stakeholders and provisions of the NEPRA Act and other applicable documents, whereas KEL has to act as SoLR for its territory, the Authority decided to proceed further in the matter. The Authority has considered the submissions of KEL in its submitted application, the comments of stakeholder(s), proceedings of hearing, relevant provisions of the NEPRA Act, rules and regulations thereunder and the observations and findings in the matter are explained in the following paragraphs.

(7). KEL is a public limited company, incorporated under the repealed Indian Companies Act, of 1882 on September 13, 1913 (now the Companies Act, 2017), having Registration No. 0000002. The registered office of the company is at KE House, 39-B, Sunset Boulevard, Phase II, Defence Housing Authority, Karachi. According to the Memorandum of Association, the objectives of the company, inter alia, include constructing, laying, establishing and fixing all necessary cables, wires, lines and works to generate, accumulate, transmit, distribute and supply electricity and to light cities, towns, streets, markets, theatres, buildings and places both public and private, to carry on the business of electrical engineering, contracting, carrying on all or any of the business of manufacturing of electrical apparatus, purchasing, importing, transforming, converting, distributing, supplying, exporting and dealing in electricity and all other forms of energy and products or services associated therewith and of promoting the conservation an efficient use of electricity and all other forms of energy



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and all other powers necessary or incidental to the business of electricity distribution and supply. KEL is the only vertically integrated utility company in the country providing electric power services to the entire metropolitan city of Karachi and its suburbs up to Dhabeji and Gharo in the province of Sindh and over Hub, Uthal, Winder and Bela in the province of Balochistan. Further, it is also listed on the Pakistan Stock Exchange and is a main player in the energy sector there.

(8). The Authority initially granted a Distribution Licence (No. 09/DL/2003, dated July 21, 2003) to KEL as per the original NEPRA Act encompassing the distribution and sale/supply function for a term of twenty (20) years which expired on July 20, 2023. Subsequent to the segregation of 'distribution' and 'supply' functions in the 2018 Amendment Act, the Authority has now approved a new Distribution Licence to KEL in terms of Section-20 and 21 of the NEPRA Act to the extent of distribution/network business only.

(9). Regarding Supply, it is relevant to mention that in terms of Section-23E of the NEPRA Act, the Authority may grant a licence authorizing a company to engage in the supply of electric power business. In this regard, the said section prescribes the eligibility criteria for the grant of such licence which includes (a). minimum solvency requirements; (b). minimum technical and human resource requirements and (c). provision with respect to SoLR; and (d). public service obligations of the licensee including quality of service, transparency of transactions, timely collection and dissemination of payments, and effective collection and dissemination of any taxes and surcharges etc.

(10). Further, in terms of Section-23E(2) read with Section-2(xxii) of the NEPRA Act, the Federal Government is to prescribe the Rules for the eligibility criteria for the grant of Supplier Licence. As explained above, KEL submitted its application for the grant of Supplier Licence on May 26, 2023, and at that time, the said Rules, were not notified. However, in order to avoid any regulatory gap the Authority decided to process the application in the absence of Supplier Rules in the pronouncements of the Superior Court of Pakistan, wherein it has been determined that the absence of the Rules or inaction of the government functionaries to frame the Rules cannot be held to be prejudicial to the rights of the other party. In view of the said, the Authority



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considered that KEL cannot be refused to grant a Supplier Licence in the absence of the required Rules and therefore it decided to move ahead with the request of KEL.

(11). Further to the above, the Authority has observed that according to Regulation-3 of the Licensing Regulations, an applicant for the grant of Supplier Licence is required to submit mainly (a). feeder information, number of consumers and their expected load; (b). consumer information; (c). tariff categories of consumer classes; (d). demand and consumption patterns; (e). procurement plan; (f). expected sale of units; (g). training and development procedures; (h). Consumer Service Manual (CSM) and (i). information relating to metering, billing, collection and payment, etc.

(12). According to the information that KEL has provided, it has a total of 2,068 (public and dedicated) 11 KV feeders. KEL has informed that it is currently serving to around 3.56 million electricity consumers. Out of the said, approximately 3.10 million are domestic, 0.519 million are commercial, 23,618 are industrial, 2096 are tube-well/agricultural, 185 are Public Lighting, 19057 are general services and 196 are bulk power consumers.

(13). About the procurement plan, KEL has already submitted a Power Acquisition Program (PAP) for FY 2023-24 to FY 2029-30. The PAP envisages long-term planning to ensure the security of power supply with an objective to determine a minimum cost strategy for long-range expansion of power generation. The PAP duly considers the future electricity demand forecast, KEL's generating fleet (including external sources of supply) and energy mix, as well as the most suitable possible options for power procurement. According to the submitted PAP, it will have sufficient electric power to meet the load demand of its consumers till FY 2029-30. Regarding the sales and peak demand forecast, KEL has reported that for FY 2022-23, its energy sales were 15,554 GWh with a peak demand of 3,654 MW. KEL has also submitted that the forecasted results show that in the year FY 2027-28, its energy sales will be 18,990 GWh whereas, the peak demand will be 4,631 MW.



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(14). Regarding training and development, KEL submitted that it places great importance on capacity building and the development of its human capital. Several initiatives and programs are taken and designed to enhance the skills of their workforce. KEL submitted that its internal Master Trainer Program has grown over the years. Trainers are inducted keeping a very robust scoring and feedback process. In order to eliminate biasing, neutral panelists are engaged from all over the business to assess the trainers. These internal trainers provide classroom training on behavioral and functional (non-technical) topics. KEL only collaborates with external trainers after extensive internal exercise which includes liaising with business partners and taking onboard all relevant stakeholders. Some of the flagship programs include (a). Meri Shanakht for non-management staff which is a workshop to develop participants on self-awareness (b). Up Your Game for officers which is to enhance self-awareness and work consciously towards self-development, while providing the right tools of communication, (c). Synergizing Personal Excellence which is a specially designed two-day modular program to better enable participants to manage their personal branding, communication, and interpersonal skills, (d). Leading Change which is a two-day workshop, designed to enable leadership to practically implement change management and how to drive that change according to organizational strategy of KEL. KEL submitted that coaching is provided to specific group of employees from higher management and based on specific functional needs, employees are also sent outside the organization to attend trainings/seminars organized by different training institutes/organizations. KEL expressed that it is also committed to maintain a highly skilled and capable workforce to ensure efficient and reliable operations. To achieve this goal, KEL has established a dedicated business unit, KEL Distribution Network Academy (KELDNA), which is responsible for providing comprehensive technical training and development programs to employees. KEL remarked that it has taken the following measures via KELDNA: (i). Practice Training Field: In this training, an exact replica of the distribution network of KEL has been constructed to provide hands-on training in a safe and controlled environment. Employees gain practical experience of operating and handling all assets and equipment under realistic conditions, (ii). First Distribution Network Simulator which is the first of its kind in DISCOs, utilizes miniature models to simulate real-time fault scenarios and practical faults occurring in the system. This training experience allows employees to develop their troubleshooting and problem-solving skills along with providing training on safe voltage levels and (iii).

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Meter and Switchgear Labs equipped with the latest technology, as well as historical inventory, to provide in-depth training and enhance employee understanding of various devices and equipments. KEL stated that newly inducted employees and newly trained staff participate in an extensive On-Job-Training program where they shadow experienced technical teams to gain a practical understanding of their job roles and responsibilities. KEL expressed that there is an immense emphasis on training on the use of T&P, safety and in this regard, proper SOPs (s) have been devised to ensure the safety of the property, the workforce and the general public.

(15). Further to the above, KEL submitted that delivery of service for the consumer is the core objective of the company. In this regard, KEL has the CSM as envisaged under Section-21(2)(d) of the NEPRA Act and the same contains the manner and procedure for obtaining the required services. It is the main document for facilitating the legitimate consumers in providing the services including but not limited to new connection, shifting of connection, change of name, extension of load, reduction of load, change of tariff, relocation of facility and temporary connection, metering installation, security deposit, meter reading and billing, disconnection and reconnection, complaint handling, rights and obligations vis-a-vis consumer and DISCO etc. KEL submitted that it has a CSM which the Authority had approved after through and rigorous process of consultation with all the relevant stakeholders. In this regard, the CSM has been further revamped to incorporate the various latest developments that have happened in the last decade to make it more practical, transparent and customer-friendly.

(16). About the reading of meters and billing, KEL has submitted that the same had evolved gradually and is reaching a level to have minimum human intervention. In order to provide more transparency and comfort, KEL has deployed a system for reading energy meters using mobile devices ensuring not only the accuracy of consumed units and complying with the billing cycle thus avoiding any inconvenience to the consumers. Further, KEL submitted that it has established a state-of-the-art laboratory under the Meter Testing Department Laboratory (MTDL) where data on the defective meters is retrieved which facilitates the customers/consumers to be billed according to their consumption instead of average billing thus avoiding unnecessary financial burden on them.



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(17). KEL has submitted that meter reading is being carried out each month to record the energy consumed by each customer/consumer during the billing cycle. The consumers of the Integrated Business Centre (IBC) are divided into cycle days/batches. The meter reading programme is prepared in such a way that the meters of a cycle day/batch are normally read on the same dates each month. In case of prolonged public holidays and/or other restrictions, guidelines of the Authority are followed whereby the billing period does not exceed 30-31 days and a proportionate method of billing is adopted. Further to the said, KEL has informed that along with the traditional metering system, it has embarked on a Programme to install Automatic Meter Reading (AMR) meters and billing of such consumers is carried out remotely. About the delivery of bills, KEL has submitted that the same are delivered to the premises of consumers where their meter is installed. Further to the said, KEL submitted that bills can also be downloaded from its official website/KEL Live App or can also be accessed through the link provided to registered consumers via SMS if the same are not delivered/received for any reason. Regarding collection and payment of bills, KEL has informed that all commercial bank branches and post offices within its service area are collecting electricity bills from consumers. Further, payment can also be made through ATM cards/credit cards or cross cheques, online banking channels, digital payment channels and payment gateway services provided through the KEL website.

(18). As explained in the preceding paragraphs, in terms of Section-23E(2) read with Section-2(xxii) of the NEPRA Act, the Federal Government has to prescribe the "Eligibility Criteria" Rules for the grant of licence for Electric Power Supplier and include (a). minimum solvency requirements; (b). minimum human resource requirements; (c). provisions with respect to SoLR, as the case may be; and (d). public service obligations of the licensee including quality of service, transparency of transactions, timely collection and dissemination of payments, effective collection and dissemination of any and all taxes and surcharges as may be imposed by the Federal Government, etc. Further, in terms of Section-23E(3) of the NEPRA Act, an application for a licence for the supply of electric power shall specify (a). the type of service for which the licence is being sought; and (b). the mode and manner in which the service is proposed to be provided.



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(19). In this regard, the Federal Government has notified the Eligibility Criteria Supplier Rules, 2023 (the Supplier Rules) on August 25, 2023. According to Rule-3 of the Supplier Rules, any person applying for the grant of Supplier Licence shall fulfil the eligibility criteria including, inter-alia, (a). should be registered with the SECP; (b), shall fulfil minimum solvency requirements as provided in the Supplier Rules to ensure effective and efficient performance of its duties and responsibilities; (c). has a strategic business plan for three (03) years, demonstrating its capability to undertake electric power supply business; (d). shall fulfil minimum technical and human resource requirements as provided in Schedule II of the Supplier Rules to perform its duties and responsibilities; (e). shall provide an affidavit in the form attached with Schedule-III declaring and affirming therein that it shall always fulfil the obligations imposed on it under the National Electricity Policy and the National Electricity Plan made under Section-14A of the NEPRA Act; and (f). shall have the ability to ensure prompt and effective coordination with the SO, MO, and relevant Distribution Licensees to comply with the provisions of the Grid Code, Distribution Code, Commercial Code and other legal instruments.

In addition to the above, the Supplier Licensee shall have the ability to (20).discharge the following public service obligations including: (a) quality of electric power supply service by (i). having automated systems or software tools for billing and collection, (ii). having an information exchange system for communications and transactions with the MO, SO, Distribution Licensees, and other relevant entities, (iii). complying with the performance standards and any codes specified by the Authority for the provision of electric power services, particularly, effective and timely billing and collection of charges, customer support services, and resolution of consumer complaints, (iv). ensuring timely dissemination of reporting requirements, and (v). maintaining complete and accurate records and data in respect of all aspects of the electric power supply business; (b). transparency of transactions by (i). ensuring compliance with the accounting standards and uniform system of accounts as specified by the Authority and in addition to that ensuring compliance with International Financial Reporting Standards, (ii). sharing the necessary information and data through a website or portal, and (iii). reporting all the information required for monitoring; (c). collection and deposit of the charges, including (i). transmission use of system charges, (ii). distribution use of system charges, (iii). market and system

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operator fee, (iv). any other charges including billing, collection and deposit of certain charges, etc.; and (d). collection and deposit of surcharges as may be imposed by the Federal Government and applicable taxes in a timely and effective manner.

(21). As explained in the preceding paragraphs the application of KEL was received prior to the notification of the Supplier Rules and the Authority processed the application without considering the provisions of the Supplier Rules for the reasons elaborated previously. However, during the processing, the Federal Government notified the required rules and in this regard, the Authority framed a special issue directing KEL to confirm the fulfilment of the same which the company confirmed that it complies with the same. However, the Authority directs KEL to adhere to all the requirements envisaged under Rule-3 of the Supplier Rules including minimum solvency requirements, minimum technical resources requirements and minimum human resources requirements within six (06) months of issuance of this Licence.

(22). Regarding the provisions of Section-23E(3) of the NEPRA Act, KEL has already provided the required details regarding (a). the type of service for which the licence is being sought; and (b). the mode and manner in which the service is proposed to be provided. Further to the said, Rule-4 of the Supplier Rules provides that only an applicant holding a Distribution Licence shall be eligible to obtain a licence for SoLR from the Authority in its specified service territory as defined in the Distribution Licence. In consideration of the above, it is pertinent to mention that the Authority has approved the Distribution Licence to KEL in terms of Section-20 and 21 of the NEPRA Act therefore, KEL qualifies for the grant of Supplier Licence as SoLR.

(23). About the term of the Supplier Licence, the Authority has considered Rule-7 of the Supplier Rules which stipulates that the minimum term of such licence will be twenty (20) years. In this regard, the Supply Licence is granted for a term of twenty (20) years from the date of its issuance and shall remain valid for such period, subject to compliance with the Act, rules, regulations and other Applicable Documents. Regarding the tariff, it is clarified that under Section-7(3)(a) of the NEPRA Act, determining of tariff, rate and charges, etc. is the sole prerogative of the Authority. In view thereof, the Authority directs KEL to charge the consumers only such tariff that has been determined, approved or specified by the Authority.



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(24). In view of the foregoing, the Authority hereby approves the grant of Supplier Licence to KEL (to act as SoLR) in terms of Section-23E and 23F of the NEPRA Act on the terms and conditions as set out in the said Licence annexed to this determination. The grant of this Licence will be subject to the provisions contained in the NEPRA Act, relevant rules, regulations framed thereunder and other applicable documents.

<u>Authority</u>

Engr. Maqsood Anwar Khan (Member)

WANTA

Engr. Rafique Ahmed Shaikh (Member)

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Engr. Mathar Niaz Rana (nsc) (Member)

Amina Ahmed (Member)

Engr. Waseem Mukhtar (Chairman)

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National Electric Power Regulatory Authority (NEPRA) Islamabad – Pakistan

ELECTRIC POWER SUPPLY LICENCE

No. SOLR/09/2024

In exercise of the powers conferred under Section-23E and 23F of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 as amended from time to time (the "Act"), the Authority hereby grants the Electric Power Supply Licence to:

K-ELECTRIC LIMITED

Having Registration No. 0000002, dated September 13, 1913 Incorporated under the then Indian Companies Act, of 1882 now the Companies Act, 2017

to engage in electric power_supply business as Supplier of Last Resort (SoLR) subject to and in accordance with the terms and conditions of this licence.

This Licence is given under my hand on $\frac{19^{th}}{1000}$ day of <u>January Two</u> <u>Thousand & Twenty Four</u> and expires on $\frac{18^{th}}{1000}$ day of <u>January Two</u> <u>Thousand Forty-four</u>.

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Article-1 Definitions

- 1.1 In this Licence, unless there is anything repugnant in the subject or context,
 - (a). "Act" means the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (Act No. XL of 1997) as amended from time to time;
 - (b). "Applicable Documents" means the rules, regulations, terms and conditions of any Licence, registration, authorization, determination, any codes, manuals, directions, guidelines, orders, notifications, agreements and documents issued or approved under the Act;
 - (c). "Applicable Law" means the Act and the Applicable Documents;
 - (d). "Authority" means the National Electric Power Regulatory Authority constituted under Section-3 of the Act;
 - (e). "Commercial Code" or "Market Commercial Code" means the commercial code prepared and maintained by the Market Operator pursuant to sections 23A and 23B of the Act as amended from time to time and approved by the Authority;
 - (f). "Competitive Trading Bilateral Contract Market" or "CTBCM" means electric power market established in accordance with the high-level and detailed designs approved by the Authority vide its determinations dated December 05, 2019, and November 12, 2020, respectively, as may be amended or replaced by the Authority from time to time;
 - (g). "Competitive Supplier" means a person licensed under Section-23F of the Act to supply electric power to consumers who are located in the territory specified in its Licence and meet the Consumer Eligibility Criteria;



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- (h). "Consumer Eligibility Criteria" means the relevant consumer eligibility criteria to obtain the supply of electric power as specified by the Authority in the National Electric Power Regulatory Authority Consumer Eligibility Criteria (Electric Power Suppliers) Regulations, 2022 as amended or replaced from time to time;
- (i). "Consumer Supply Manual" means the manual of instructions developed by the licensees and approved by the Authority, detailing instructions and guidance to the consumers for requesting electric power supply services, as more fully described in the Supplier Regulations;
- (j). "Distribution Licensee" means a person to whom a Licence for distribution of electric power has been granted by the Authority under the Act;
- (k). "Electric Power Supplier" shall include Competitive Supplier and Supplier of Last Resort;
- (I). "Entities' means housing colonies, societies, industrial estates, shopping malls, plazas, complexes or high-rise buildings;
- (m). "Indicative Generation Capacity Expansion Plan" or "IGCEP" means the rolling generation capacity expansion plan prepared by the System Operator in accordance with the Grid Code and approved by the Authority;
- (n). "Licence" means this Licence granted under Section-23E and 23F of the Act;
- (o). "Licensee" means <u>K-Electric Limited (KEL)</u> or its successors or permitted assigns;
- (p). "Licensing Regulations" mean the National Electric Power Regulatory Authority Licensing (Application, Modification, Extension and





Page 2 of 17 of the Articles of Electric Power Supply Licence Cancellation) Procedure Regulations, 2021 as amended or replaced from time to time;

- (q). "Market Operator" means a person licensed under Section-23A and 23B of the Act and responsible for the organization and administration of trade of electric power in the market and its payment and settlements among the generators, licensees and consumers;
- (r). "Performance Standards" means relevant applicable standards for the supply of electric power specified by the Authority in the National Electric Power Regulatory Authority Performance Standards (Electric Power Suppliers) Regulations, 2022 as amended or replaced from time to time;
- (s). "Power Acquisition Programme" means the electric power procurement needs and plans of the Licensee as specified in the Procurement Regulations;
- (t). "Procurement Regulations" means the National Electric Power Regulatory Authority (Electric Power Procurement) Regulations, 2022 as amended or replaced from time to time;
- (u). "Service Territory" means the area specified in Schedule-I of this Licence within which the Licensee shall act as the Supplier of Last Resort, which may overlap with the service territories of competitive suppliers but shall not overlap with the service territory of any other Supplier of Last Resort;
- (v). "Supplier of Last Resort" means a person who holds an electric power supply Licence for the Service Territory specified in its Licence and is obligated to supply electric power to all consumers located in that service territory at the rates determined by the Authority and is also obligated to provide electric power supply to the consumers of any competitive supplier who defaults on its obligations of electric power supply, located within its service territory;



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- (w). "Supplier Regulations" means National Electric Power Regulatory Authority Licensing (Electric Power Supplier) Regulations, 2022 as amended or replaced from time to time;
- (x). "Supplier Eligibility Criteria Rules" means the Eligibility Criteria (Electric Power Supplier Licences) Rules, 2023 prescribed by the Federal Government as amended or replaced from time to time;
- (y). "System Operator" means a person licensed under Section-23G and 23H of the Act to administer system operations, dispatch and power system planning.

1.2 Words and expressions used but not defined herein bear the meaning given thereto in the Act, Supplier Regulations, or any other Applicable Documents.

<u>Article-2</u> Compliance with the Applicable Law

2.1 The Licensee while performing its functions shall comply with the Applicable Law, as amended or replaced from time to time.

2.2 The Licensee shall be obligated to follow and comply with the Supplier Regulations in letter and spirit as if all provisions of the said regulations are incorporated in the terms and conditions of this Licence.

<u>Article-3</u> Grant of Licence

3.1 This Licence is granted to the Licensee to act as Supplier of Last Resort within its Service Territory, as defined in Schedule-I, to supply electric power on a nondiscriminatory basis to all the consumers who meet the Consumer Eligibility Criteria and in accordance with the Act and relevant provisions of the Applicable Documents in a prudent and efficient manner:

Provided that the Authority may grant electric power supply licence to any other entity to act as a Competitive Supplier in the Service Territory of the Licensee and the Licensee shall not claim any exclusivity with respect to the Service Territory



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Page 4 of 17 of the Articles of Electric Power Supply Licence in this regard.

Provided further that the Authority may grant a licence for Supplier of Last Resort to any Entity, holding a distribution licence or eligible to obtain a distribution licence, in the Service Territory of the Licensee and upon grant of such licence, the Service Territory of the Licensee shall stand automatically modified.

<u>Article-4</u> Licence Fee

The Licensee shall pay to the Authority the Licence fee in the amount, time and manner as set out in the National Electric Power Regulatory Authority (Fees) Regulations, 2021 as amended or replaced from time to time.

<u>Article-5</u> Term and Renewal

5.1 This Licence is granted for a term of twenty (20) years from the date of its issuance and shall remain valid for such period, subject to compliance with the Act, rules, regulations and other Applicable Documents. Further, unless suspended or revoked earlier, the Licensee shall within ninety (90) days prior to the expiry of the term of this Licence, apply for renewal of this Licence in accordance with the Licensing Regulations.

5.2 In the event the Authority decides to renew the Licence, the Authority may renew the same on such revised terms and conditions as it deems appropriate in accordance with the Act and Applicable Documents at the time of renewal of the Licence. The Authority may renew or refuse an application for renewal of Licence after recording reasons in writing thereof.

<u>Article-6</u> Modification of Licence

6.1 The Licensee may, at any time during the term of this License, communicate to the Authority a Licensee Proposed Modification in accordance with Section 26 of the Act read with relevant provisions of the Licensing Regulations.





Page 5 of 17 of the Articles of Electric Power Supply Licence **6.2** The Authority may, at any time during the term of a license, modify the terms and conditions of this Licence through an Authority Proposed Modification or a Modification by Operation of Law in accordance with Section 26 of the Act read with relevant provisions of the Licensing Regulations.

Article-7 Transfer and Assignment of Licence

7.1 The Licensee shall not, without the prior written approval of the Authority, surrender, assign or transfer this Licence to any person.

7.2 The Licensee shall seek approval of the Authority for any surrender, assignment or transfer of the Licence to any person at least ninety (90) days prior to the envisaged date of such transfer, assignment or surrender.

<u>Article-8</u> <u>Tariff</u>

8.1 The Licensee shall charge only such tariff to its consumers that has been determined and approved by the Authority from time to time.

8.2 The Licensee shall publicly make available the rates, charges and other terms and conditions for the supply/sale of electric power to consumers, as approved by the Authority.

Article-9 Obligation to Supply Electric Power

9.1 The Licensee shall be responsible for the supply of electric power within its Service Territory on a non-discriminatory and non-exclusive basis to all the consumers who meet the Consumer Eligibility Criteria at the rates and charges determined and approved by the Authority and shall also be obligated to provide electric power supply to the bulk power consumers in its Service Territory after default of their competitive supplier.

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Page 6 of 17 of the Articles of Electric Power Supply Licence **9.2** The Licensee shall comply with the applicable Performance Standards to ensure the quality of supply and service by establishing and maintaining standardized and non-discriminatory procedures for the timely provision of supply, redressal of complaints, and effective customer services.

9.3 Under the circumstances where the Licensee does not supply electric power to any person who fulfils the Consumer Eligibility Criteria within the time limit provided in the Consumer Supply Manual, the Authority may initiate legal proceedings under the Act, and Applicable Documents against the Licensee.

9.4 The Licensee may request the concerned Distribution Licensee for disconnection of any consumer, including a bulk power consumer, for default in payment of power charges or for involvement in theft of electric power in accordance with the Applicable Law.

<u>Article-10</u> Obligation to Plan in Advance

10.1 The Licensee shall be responsible for ensuring the security of supply for its consumers by planning electric power procurement in advance in adequate quantity. In this regard, the Licensee is responsible for ensuring adequate electric power procurement to meet capacity obligations and avoid under or over-contracting while ensuring compliance with the least-cost procurement of generation in accordance with the Procurement Regulations. This includes adopting efficient power procurement strategies and risk mitigation mechanisms and maintaining creditworthiness while complying with payment obligations.

10.2 Every year, the Licensee shall prepare and submit to the Authority, for information, an updated five-year business plan covering all the major aspects of its licensed activities as laid down in the Procurement Regulations and other Applicable Documents.

10.3 The Licensee shall have the right to purchase electric power through bilateral contracts from the generation companies and shall also participate in the wholesale electricity market to settle any imbalances or purchase ancillary services, if



Page 7 of 17 of the Articles of Electric Power Supply Licence applicable, in accordance with the Procurement Regulations, Market Commercial Code and other Applicable Documents.

<u>Article-11</u> Commercial Agreements

The Licensee shall ensure that any contract it enters, or offers to enter, into with a consumer for the supply of electricity contains provisions which are in clear and comprehensible language, and which incorporate all relevant information so as to enable a consumer or potential consumer to understand the terms under which the supply of electricity is, or is to be, made.

<u>Article-12</u> Power Acquisition Programme

12.1 The Licensee shall prepare its Power Acquisition Programme in a manner specified in the Procurement Regulations and other Applicable Documents, and submit it for review and approval by the Authority.

12.2 The Licensee shall prepare a demand forecast to be incorporated in the Power Acquisition Programme using appropriate models or algorithms and by considering the latest available information on bulk power consumers or eligible consumers, distributed generation and the demand growth trends in its Service Territory in accordance with the Applicable Documents.

12.3 The Licensee shall take all reasonable measures to procure adequate power of appropriate quality ensuring least-cost and competitive procurement for supply to its consumers, subject to its obligations in accordance with the Procurement Regulations and other Applicable Documents.

<u>Article-13</u> Consumer Supply Manual

The Licensee shall submit within ninety (90) days of the issuance of this Licence for approval of the Authority and thereafter make available to the public the Consumer Supply Manual as approved by the Authority in accordance with Section 23F of the Act, read with the relevant provisions of the Supplier Regulations:



Page 8 of 17 of the Articles of Electric Power Supply Licence Provided further that till such time the Authority approves the Consumer Supply Manual, the existing Consumer Service Manual shall continue to apply.

<u>Article-14</u> Obligations with respect to the CTBCM

14.1 The Licensee is required to participate in the development and evolution of the CTBCM and work towards its desired implementation and participate in its operations as a Market Participant as per the Applicable Documents. The Licensee shall enter into necessary agreements/contracts and fulfil its obligations under the same in good faith, ensuring non-discriminatory and fair treatment with all consumers, generation companies, and other licensees. Any variation in agreements for participation in the competitive trading arrangement shall be subject to mutual agreement and approval by the Authority.

14.2 The Licensee shall maintain an independent and fully functional Regulatory Affairs Department (RAD) having dedicated resources to deal with planning, contract management, legal and regulatory affairs. The said department be headed by a senior officer/Chief Regulatory Affairs officer who should report to the Chief Executive Officer directly. Further, the Licensee shall not impede or prevent any other Licensee or market participant from engaging in their respective activities. The Licensee shall ensure that all its departments including RAD are fully equipped with the necessary resources to perform their functions in an efficient, effective, and timely manner. The Licensee, as part of its tariff petition, shall submit to the Authority a detailed budgetary estimate for each of its departments including RAD for approval.

14.3 The Licensee shall not abuse its dominant position or engage in discriminatory or anti-competitive practices and shall always comply with the directions of the Authority and, if applicable, comply with the laws of the Competition Commission of Pakistan.

<u>Article-15</u> Compliance with Performance Standards

15.1 The Licensee shall conform to the relevant applicable standards for the supply of electric power specified in the National Electric Power Regulatory Authority





Page 9 of 17 of the Articles of Electric Power Supply Licence Performance Standards (Electric Power Suppliers) Regulations, 2022, as amended from time to time.

15.2 The Licensee shall participate in such measures and activities as may be initiated by the Authority for the development of uniform industry standards and codes of conduct in accordance with the Act and the Applicable Documents.

Article-16 Complaints and Dispute Resolution

16.1 The Licensee shall develop a process for resolving disputes with consumers in a fair, reasonable, and timely manner in accordance with the Act read with the relevant Supplier Regulations and other Applicable Documents.

16.2 The Licensee shall make available a complaint-handling mechanism that provides consumers with expeditious, fair, transparent, inexpensive, accessible, speedy and effective dispute resolution related to power supply services in accordance with the Supplier Regulations and other Applicable Documents.

16.3 The Licensee shall maintain daily, weekly, monthly, quarterly and yearly data of all the complaints received, resolved and pending with the Licensee for resolution. The Licensee shall submit an annual report to the Authority regarding the complaints received, resolved and pending resolution.

16.4 The Licensee shall develop and maintain an online complaint handling and tracking system that shall be updated in real-time to inform the complainant regarding the current status of its complaint in accordance with the Applicable Documents.

<u>Article-17</u> Investigation and proceedings by the Authority

17.1 In case of any non-compliance with the terms and conditions of this Licence or any other Applicable Document by the Licensee, the Authority may conduct investigations and proceedings in the manner specified under Section 27A of the Act read with relevant regulations specified by the Authority.



Page 10 of 17 of the Articles of Electric Power Supply Licence **17.2** Where it comes to the attention of the Licensee that another licensee or person has breached its Licence or the provisions of any other Applicable Document, the Licensee shall report such suspected non-compliance to the Authority.

17.3 Any fines or penalties imposed by the Authority under the Act and Applicable Documents shall be promptly paid by the Licensee.

<u>Article-18</u> Corporate Social Responsibility

The Licensee shall comply with the NEPRA Social Investment Guidelines 2021 and provide the descriptive as well as monetary disclosure of its activities pertaining to Corporate Social Responsibility (CSR) on an annual basis.

<u>Article-19</u> Accounting Practices and Audit

19.1 The Licensee shall maintain accounts in the manner laid down by the Authority in the National Electric Power Regulatory Authority (Uniform System of Accounts) Regulations, 2022, as well as in accordance with relevant provisions of the Supplier Regulations and other Applicable Documents.

19.2 Without prejudice to the provisions of the Applicable Documents regarding the audit of the accounts of the Licensee, the Authority may, after giving the Licensee an opportunity to be heard in this regard, appoint independent auditors of national/international repute from amongst a panel of auditors decided in this regard by the Authority, for the audit of the accounts of the Licensee, where the Authority has reason to believe that the accounts provided to the Authority by the Licensee do not provide a complete, true and fair view of the business of the Licensee, provided that such audit shall be restricted to accounting matters under question and shall not be carried out more than once in a financial year. The costs of such audit shall be borne by the Licensee.

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Article-20 Maintenance of Record

20.1 The Licensee shall keep complete and accurate record and other data relating to the licensed activity including any contractual arrangements, agreements, and any other information as may be specifically required by the Authority in accordance with the Supplier Regulations and other Applicable Documents. In addition to maintaining the data in hard form, the Licensee shall also maintain the abovementioned record in electronic form as well.

20.2 The Licensee shall maintain the above-referred record in good order and condition by taking reasonable measures ensuring the security of the data for a minimum period of five (05) years after the expiry of such record, arrangement or agreement or for such further extended period as the Authority may specifically require. The Licensee shall not dispose of or destroy any record or data which the Authority directs the Licensee to preserve under the Applicable Documents.

20.3 All record and data maintained in an electronic form shall, subject to just claims of confidentiality, be accessible by staff authorized by the Authority. The Authority shall have the right, upon forty-eight (48) hours prior written notice to the Licensee, to examine the records and data of the Licensee at any time during normal office hours.

<u>Article-21</u> Provision of Information

21.1 The Licensee shall submit to the Authority the required information in the form and manner as the Authority may require. The information as required shall be provided in good faith ensuring that it is accurate, up-to-date and presented in a manner that is easily understandable and in accordance with Section-44 of the Act. The Licensee shall ensure that the correspondence with the Authority is made by a duly authorized person.

21.2 The Licensee shall establish information exchange system for communications and transactions with the Market Operator, System Operator, distribution licensees, market participants and other service providers, as applicable.



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Page 12 of 17 of the Articles of Electric Power Supply Licence **21.3** The Licensee shall provide complete and accurate information regarding the terms and conditions for supply of electric power, applicable or mutually agreed rates, charges, and final costs to enable consumers to take informed decisions and also ensure easy access to this information especially to the key terms and conditions.

21.4 The Licensee shall protect consumers' privacy through a combination of appropriate controls, security, transparency, and consent mechanisms relating to the collection and use of their personal data.

21.5 The Licensee shall be subject to such penalties as may be specified in the relevant regulations made by the Authority, for failure to furnish such information as may be required from time to time by the Authority and which is or has been in the control or possession of the Licensee.

<u>Article-22</u> Communication

22.1 The Licensee shall designate the Chief Regulatory Affairs officer from the RAD department who will act as a primary contact with the Authority on the matters related to this Licence. The Licensee shall notify the Authority promptly should the contact details change.

22.2 All communication with the Authority must be done in writing unless otherwise directed by the Authority by facsimile transmission or by other electronic sources.

<u>Article-23</u> Compliance with the Eligibility Criteria Rules

23.1 The Licensee shall ensure that it shall comply with the eligibility criteria and all other requirements of the Supplier Eligibility Criteria Rules.

23.2 The Licensee shall immediately inform the Authority in writing if circumstances exist that justify a reasonable expectation that the Licensee is unable to comply with the Supply Eligibility Criteria Rules.



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Article-24 Effective Coordination

The Licensee shall have the ability to ensure prompt and effective coordination with the System Operator, Market Operator and other relevant Entities to comply with the provisions of relevant rules, regulations, Grid Code, Market Commercial Code and other Applicable Documents.

Article-25 Information and Operational Technology Infrastructure and Security

25.1 The Licensee shall develop a robust information and operational technology strategy outlining the planning and execution roadmap for ensuring transparency, effectiveness, efficiency and security in all operations of the supply business in accordance with the relevant provisions of the National Electric Power Regulatory Authority (Security of Information Technology and Operational Technology) Regulations, 2022, as amended or replaced from time to time and other Applicable Documents.

25.2 In order to provide improved/enhanced services to consumers, the Licensee shall deploy state-of-the-art software/IT infrastructure relating to operations, in consultation with independent technical experts after carrying out a detailed costbenefit analysis.

25.3 All computer programs or systems used by the Licensees shall be adequately secured as per the requirements of the Applicable Documents and the relevant information and operational technology standards. In this regard, the Licensee shall develop a cyber-security protection system for its power supply arrangement with well-defined communication and reporting channels.

Article 26 Preparation for Emergencies and Security Arrangements

26.1 The Licensee shall, as soon as reasonably practical, inform its consumers of any emergencies or security issue of which it may be aware which may arise in association with, or which may be relevant to its obligations.

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Page 14 of 17 of the Articles of Electric Power Supply Licence **26.2** The Licensee shall take such actions as the Authority may reasonably require to plan and prepare for emergencies, including taking part in necessary tests and exercises.

<u>Article-27</u> <u>General Obligations of the Licensee</u>

The Licensee shall, at all times during the term of the Licence, be obliged, to carry out the functions specified in the relevant provisions of the Act, Supplier Eligibility Criteria Rules, Supplier Regulations, Procurement Regulations and other Applicable Documents.

<u>Article-28</u> <u>Functional and Legal Separation</u>

28.1 The functional and legal separation of supply and distribution business of the Licensee shall be undertaken in accordance with the provisions of this Licence, determinations and directions of the Authority, as issued from time to time.

28.2 The Licensee shall, at the earliest but not later than two (02) years from the date of grant of this Licence, separate its functions, as Supplier of Last Resort Company and Distribution Company into two (02) distinct legal entities and apply to the Authority for transfer of the Licence to the relevant entity, if required. In the event, these two (02) functions are not separated into two (02) distinct legal entities, the same shall be treated as a persistent contravention of the terms and conditions of the Licence and the Authority may initiate legal proceedings against the Licensee accordingly, and also issue such directions as may be deemed appropriate that may include appointment of an administrator in respect of functions of the Licensee.

28.3 Until such time the functions of the Licensee as Electric Power Supply and distribution business are not separated into two (02) distinct legal entities, the Licensee shall ensure that its business is operated in such a manner that the functions, accounts, operations and management of the distribution business are segregated from the electric power supply business so that the said functions are carried out independently, transparently and impartially without any interference.







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<u>Article-29</u> <u>Financial and Organizational Affairs of the Licensee</u>

29.1 The Licensee, without authorization from the Authority, shall not stand surety, give guarantee, or provide security for the indebtedness or obligations of any other person in a cumulative amount greater than 10% of the equity of its shareholders. The Licensee is also restricted from merging with, acquiring or offering to acquire shares or other securities or participating interests in any person after the issuance of this Licence, except as required to satisfy obligations under the Applicable Law, to avoid dilution of the shareholding or participating interest, or in a person which was an associated undertaking of the Licensee on the date of issuance of this License.

29.2 The Licensee may under the relevant provisions of the Supplier Regulations request dispensation from the Authority for change in shareholding, and the Authority shall consider such request in light of competition promotion in the electric power market and the change, if any, in the control or management of the licensee likely to result from the authorization, if granted. The requirements to seek permission from the Authority shall be without prejudice to the obligations of the Licensee to seek necessary approval for any merger under the Competition Act, 2010, or any other law for the time being in force.

Article-30 Credit Rating & Financial Health

30.1 The Licensee shall, every two (02) years, get itself credit rated through a credit rating agency licensed by the Securities and Exchange Commission of Pakistan, and which is on the panel of the State Bank of Pakistan.

30.2 The credit rating report of the Licensee shall be submitted to the Authority for its information along with corrective measures being taken and/or to be taken to improve the financial health and credit worthiness of the Licensee. The Authority may, if deemed necessary, issue directives to the Licensee for taking measures in order to improve the financial health and credit rating.





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<u>Article-31</u> Interpretation of the Licence Provisions

31.1 In accordance with the provisions of the Act, the Authority shall make the interpretation of any or all of the provisions of this Licence. The decision of the Authority in this regard shall be final.

31.2 Where any obligation under this Licence is expressed to require performance within a specified time limit, that obligation shall continue to be binding and enforceable even after that time limit, if the Licensee fails to perform that obligation within that time limit (but without prejudice to all rights and remedies available against the Licensee by reason of failure of the Licensee to perform within the specified time limit).

<u>Article-32</u> <u>Revocation, Suspension and Cancellation of Licence</u>

32.1 Without prejudice to the powers of the Authority under the Act, upon being satisfied that the Licensee is not discharging its functions in accordance with the Act and Applicable Documents including terms and conditions of the Licence, or otherwise fails to carry on its business in the interests of the electric power market, the Authority may, after providing an opportunity to show cause, take such measures as it deems expedient including, but not limited to, revocation, suspension or cancellation of the Licence and take such other action as may be necessary to safeguard the interests of all stakeholders and the power industry as a whole.

32.2 Where the Authority revokes or suspends the Licence of the Licensee, it may appoint an administrator to take over its functions and management.

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SCHEDULE-I

The Details of the Territory¹ (i.e. Geographical Boundaries) within which the Licensee/K-Electric Limited is Authorized to Carry out the Supply of Electric Power Business/Activities/Services.

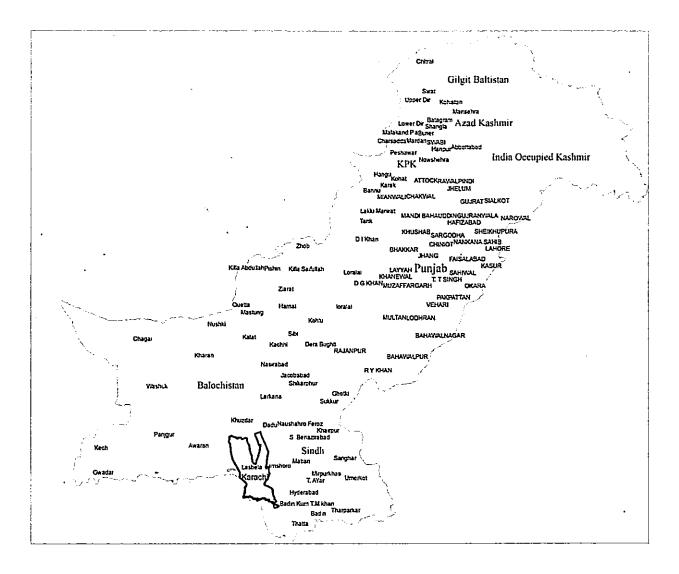




¹ The territory shall not include the Service Territory of any other electric power supply licensee designated as supplier of last resort.

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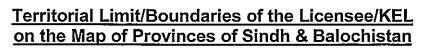
<u>Territorial Limit/Boundaries</u> of the Licensee/KEL on the <u>Map of Pakistan</u>

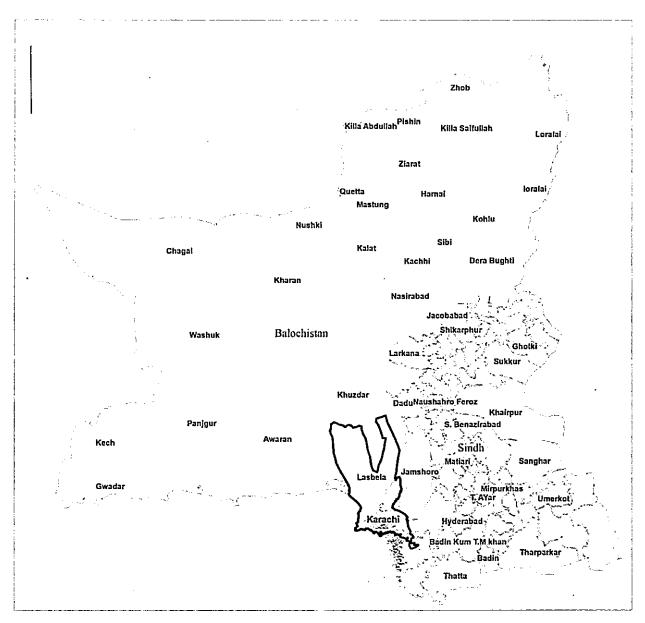






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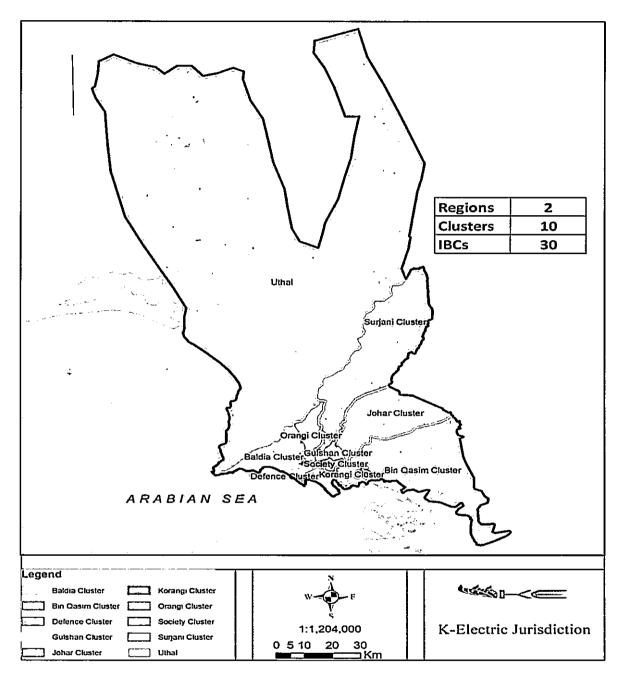


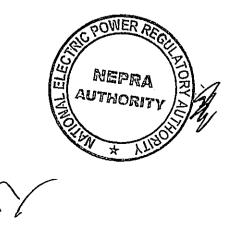




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Detail of Territory (Geographical Boundaries, Districts) Within which the Licensee/KEL is Authorized to Conduct Supply of Electric Power Business/Activities/Services





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