



National Electric Power Regulatory Authority

Islamic Republic of Pakistan

NEPRA Tower, Attaturk Avenue (East), G-5/1, Islamabad.
Ph: +92-51-9206500, Fax: +92-51-2600026
Web: www.nepra.org.pk, E-mail: registrar@nepra.org.pk

Registrar

No. NEPRA/R/DL/LAG-359/14058-62

September 5, 2018

Mr. Riaz Tahir,
Sr. Manager Sales & Marketing,
Premier Industrial Chemical Manufacturing Company (Private) Limited,
23 Ahmed Block, New Garden Town,
Lahore.

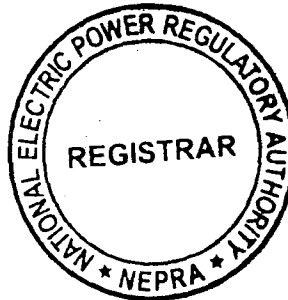
Subject: **Modification in Generation Licence No: SGC/124/2018**
Licence Application No. LAG-359
Premier Industrial Chemical Manufacturing Company (Private) Limited

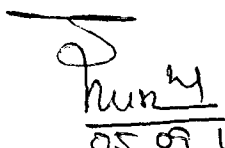
Reference: *PICMPL's LPM vide letter dated March 27, 2017 (received on March 29, 2018)*

It is intimated that the Authority has approved "Licensee Proposed Modification" in Generation Licence No. SGC/124/2018 in respect of Premier Industrial Chemical Manufacturing Company (Private) Limited (PICMPL), pursuant to Regulation 10(11)(a) of the NEPRA Licensing (Application and Modification Procedure) Regulations 1999.

2. Enclosed please find herewith determination of the Authority in the matter of Licensee Proposed Modification in the Generation Licence of PICMPL along with Modification-I in the Generation Licence No. SGC/124/2018 as approved by the Authority.

Enclosure: As Above




05 09 18
(Syed Safeer Hussain)

Copy to:

1. Managing Director, NTDC, 414-WAPDA House, Lahore.
2. Chief Executive Officer, CPPA-G, ENERCON Building, Sector G-5/2, Islamabad.
3. Chief Executive Officer, Lahore Electric Supply Company Limited, Abdullahpur, Canal Bank Road, Faisalabad, 22-A, Queen Road, Lahore
4. Director General, Environment Protection Department, Government of Punjab, National Hockey Stadium, Ferozpur Road, Lahore.

National Electric Power Regulatory Authority
(NEPRA)

Determination of the Authority in the
Matter of Licensee Proposed Modification of Premier Industrial
Chemical Manufacturing Company (Private) Limited

September⁰⁵, 2018
Case No. LAG-359

(A). Background

(i). The Authority in terms of Section-15 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (the "NEPRA Act") granted Premier Industrial Chemical Manufacturing Company (Private) Limited (PICMPL) a generation licence (No. SGC/124/2018, dated February 23, 2018).

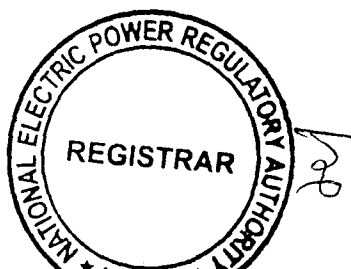
(ii). The above generation licence was granted to the PICMPL for its 7.0 MW generation facility located at 08-Km Lahore-Sheikhupura Road, district Sheikhupura in the province of Punjab. The Authority had also allowed Second Tier Supply Authorization (STSA) for supplying to two Bulk Power Consumers (BPCs).

(B). Communication of Modification

(i). In accordance with Regulation-10 of the NEPRA Licensing (Application & Modification Procedure) Regulations, 1999 (the "Licensing Regulations"), PICMPL communicated a Licensee Proposed Modification (LPM) in its above mentioned generation licence on March 29, 2018.

(ii). In the "text of the proposed modification", the PICMPL submitted that it intends to enhance its installed capacity from 7.0 MW to 15.0 MW by installing an 8.0 MW condensing and extraction steam turbine along with matching generator. Further, the PICMPL requested to replace one of its existing BPCs i.e. Ghani Value Glass Limited (GVGL) with H Q Steels (Private) Limited (HQSPL). The company also proposed changes in fuel type i.e. primary fuel from Biomass to Biogas and alternate fuel from biomass to rice husk, bagasse, natural gas and coal.





(iii). Regarding the "statement of the reasons in support of the modification", PICMPL submitted that the Authority had allowed it supplying to two (02) BPCs however now it intends to supply power to its sister concern in the name of the HQSPL instead of GVGL. About the "statement of the impact on the tariff, quality of service and performance by the licensee of its obligation under the licence", PICMPL informed that enhancement of capacity and all the arrangement of generation and supply of power will not have any impact on tariff, quality of service and its performance under the generation licence as the PICMPL will supply power to its BPCs at mutually agreed rates.

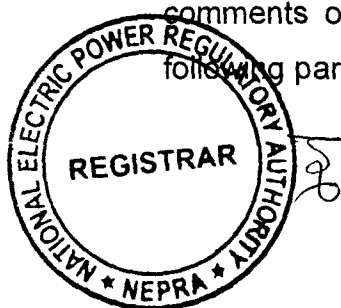
(C). Processing of Modification

(i). After completion of all the required information as stipulated under the Regulation-10(2) and 10(3) of the Licensing Regulations by the PICMPL, the Registrar published the communicated LPM in one (01) English and one (01) Urdu daily newspaper on April 18, 2018, to seek comments of the general public, interested/affected parties, and different stakeholders about the said LPM as required under the Regulation-10(4) of the Licensing Regulations.

(ii). Apart from the above notice in the press, separate letters were also sent to Government ministries/attached departments and other representative organizations etc. on April 18, 2018. Through the said letters, the stakeholders were informed about the communicated LPM and publication of notice in the press and invited for submitting their views and comments for the assistance of the Authority.

(D). Comments of Stakeholders

(i). In response to the above, the Authority received comments from four (04) stakeholders. These included Board of Investment (BoI), Sui Northern Gas Pipelines Limited (SNGPL), Lahore Electric Supply Company Limited (LESCO) and Ministry of Energy (Petroleum Division) (MoE-PD). The salient points of the comments offered by the above mentioned stakeholders are summarized in the following paragraphs: -

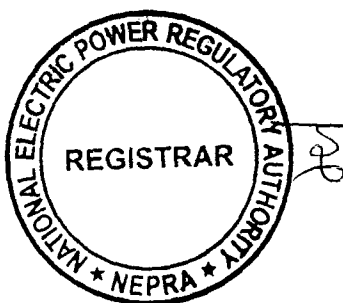


- (a). BoI commented that being investment promoting agency it has been making efforts to attract investment in the energy sector. Further, affordable and continuous supply of energy is backbone for industrial growth as well as attracting foreign

direct investment in the country therefore, Bol encourages the investors in any sector of the economy;

- (b). SNGPL objected to the grant of modification contesting that PICMPL intends to change fuel type from biomass to natural gas, coal, bagasse and rice husk. In this regard, neither it has issued NOC to PICMPL for setting up natural gas based generation facility nor it has allowed the company sale of surplus power to the BPCs using natural gas;
- (c). LESCO opposed the grant of LPM stating that the proposed BPC i.e. HQSPL has applied for electricity connection under B-4 tariff. The said BPC is located adjacent to the boundary of PICMPL and already getting supply from it through 11 KV feeder which is passing through the service territory of LESCO. Therefore, the said arrangement is objected seriously in purview of violation of LESCO's service territory; and
- (d). MoE-PD endorsed the above comments of SNGPL and requested that the same may be considered before deciding the case of PICMPL.

(ii). The Authority examined above comments of the stakeholders and found that SNGPL & LESCO had raised certain observations regarding the LPM of PICMPL. Accordingly, the Authority considered it appropriate seeking perspective of the licensee/PICMPL on the observations of SNGPL and LESCO. On the comments of SNGPL, the licensee submitted that it has its own distillery setup which produces methane/natural gas using the digesters and the same gas will be utilized for the operation of existing and the proposed steam turbines. Further, PICMPL confirmed that it has not obtained any connection from SNGPL therefore, the question of allocation of natural gas and sale of electricity using the same does not arise.



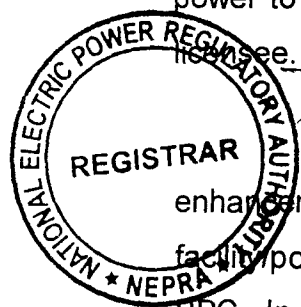
(iii). Regarding observations of LESCO, the licensee submitted that it is setting up a steel unit in the name of HQSPL which is its sister concern having load requirement of 8 MW to 30 MW which will be met through supply from PICMPL (to the tune of 10 MW) as well as LESCO. In this regard, HQSPL has already applied to LESCO for a B-4 connection. Further, PICMPL confirmed that HQSPL is located adjacent to it without involving any public/third party property/territory therefore the question of violation of service territory of LESCO does not arise.

(iv). The Authority examined the above response of PICMPL to the observations of stakeholders and found the same plausible. Accordingly, the Authority considered it appropriate to process the LPM of the PICMPL as stipulated in the Licensing Regulations and the NEPRA Licensing (Generation) Rules, 2000.

(E). Evaluation of the Case

(i). The Authority has examined the entire case in detail including the already granted generation licence, information submitted along with the application of LPM, comments of stakeholders, rejoinder filed by PICMPL and provisions of the relevant rules & regulations.

(ii). In this regard, the Authority observes that that in terms of Regulation-10(5) of the Licensing Regulations, it is empowered to modify a licence if such modification (a). does not adversely affect the performance by the licensee of its obligations; (b). does not cause the Authority to act or acquiesce in any act or omission of the licensee in a manner contrary to the provisions of the amended NEPRA Act or the rules or regulations made pursuant to it; (c). is or is likely to be beneficial to the consumers; (d). is reasonably necessary for the licensee to effectively and efficiently perform its obligations under the licence; and (e). is reasonably necessary to ensure the continuous, safe and reliable supply of electric power to the consumers keeping in view the financial and technical viability of the

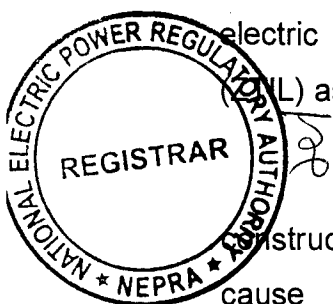


(iii). As explained in the preceding paragraph, the LPM envisages enhancement in the generation capacity of the generation facility/Co-generation facility/power plant, change in primary/alternative fuel type and replacement of one BPC. In this regard, the Authority considers that enhancement in the installed capacity of the generation facility by another 8.0 MW will help the licensee to supply

relatively cheap and reliable electricity to its BPCs. Further, the proposed changes in fuel will help the licensee to attain better flexibility in the operation. In view of the said, the Authority is of considered opinion that the LPM will not have any adverse effect on the performance of the licensee of its obligations as it will enable it to supply the available energy. The Authority is satisfied that LPM has not caused it to act or acquiesce in any act or omission of the licensee in a manner contrary to the provisions of the NEPRA Act or the rules or regulations. The LPM will be beneficial to the consumers in general as the addition of capacity will not only reduce load shedding in the associated industrial units but will also reduce burden on the national grid. The LPM is reasonably necessary for the licensee to effectively and efficiently perform its obligations under the licence. Further, the LPM is necessary to ensure the continuous, safe and reliable supply of electric power to the BPCs keeping in view the financial and technical viability of the licensee. In view of the said, the Authority considers that the LPM satisfies the required criteria as stipulated in the Licensing Regulations and the same is worth considering.

(iv). As explained in the preceding paragraphs, the communicated LPM envisages the plan of licensee to install an additional one (01) condensing and extraction steam turbine with matching generator of 8.0 MW which will enhance the installed capacity of the generation facility/Co-generation facility/power plant to 15.0 MW. Further, the PICMPL has proposed to change the primary/alternate fuel for generation of electric power. The primary fuel will be changed from biomass to biogas whereas, alternate fuel will be natural gas, coal, bagasse and rice husk instead of biomass. The PICMPL also intends to supply power to its sister concern in the name of HQSPL and has requested to replace GVGL with the same. According to the generation licence and the provided information in LPM, the net capacity of PICMPL is 13.30 MW which is sufficient to meet the requirements of its BPCs. The total load requirement of the proposed BPC will be 8.0 to 30 MW out of which up to 10 MW will be supplied by the PICMPL whereas about 1.0 MW of electric power would be supplied to existing BPC i.e. Zee.T International Limited (Zee.T) as envisaged in the generation licence of PICMPL.

(v). In consideration of the above, the Authority has observed that construction and operation of additional 8.0 MW steam turbine and generator may cause environmental concern. In this regard, PICMPL carried out Initial Environment Examination study and submitted the same for consideration and

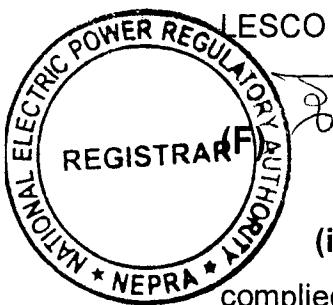


approval of Environment Protection Department, Govt. of Punjab (EPDGoPb). The Authority is satisfied that EPDGoPb has issued NOC for the project.

(vi). Regarding supply to the BPCs, the Authority has observed that both the existing and proposed BPC of PICMPL are located adjacent to the generation facility/Co-generation facility/power plant without involving any third party. Further, the feeders supplying the BPCs will not involve any public or third party property. Pursuant to Section-22 of the NEPRA Act, the Authority is empowered to allow a generation company to sell electric power to a BPC located in the service territory of the holder of a licence under the NEPRA Act. In view of the said, the Authority allows the proposed arrangement to sell electricity to the BPCs.

(vii). Further to above, under Section-2(v) of the amended NEPRA Act, ownership, operation, management and control of distribution facilities located on private property and used solely to move or deliver electric power to the person owning, operating, managing and controlling those facilities or to tenants thereof has not been included in the definition of "distribution". Based on the said considerations that the proposed BPCs are located adjacent to PICMPL and no public area is involved, the Authority considers that the supply of power to the BPCs by PICMPL does not constitute a distribution activity under the amended NEPRA Act, and PICMPL will not require a distribution licence for supplying to the BPCs.

(viii). As explained in the preceding paragraphs, LESCO has objected to any such arrangement which violates its service territory. In this regard, the Authority clarifies that under Section-21 of the NEPRA Amendment Act 2018, the exclusive right of DISCOs to provide electric power services particularly delivery and sale of electric power in their service territory has been abolished, paving way for a competitive power market. Therefore, the Authority considers that the claim of LESCO regarding violation of its exclusive territory is not valid.




Approval of LPM

(i). In view of the above, the Authority is satisfied that PICMPL has complied with all the requirements of the Licensing Regulations pertaining to the modification. Therefore, the Authority in terms of Regulation-10(11)(a) of the Licensing Regulations approves the communicated LPM.

(ii). Accordingly, the generation licence (No. SGC/124/2018 dated February 23, 2018) is hereby modified. The changes made in the generation licence are attached as annexure to this determination. The approval of the LPM will be subject to the provisions contained in the NEPRA Act, relevant rules framed there under, terms & conditions of the generation licence and other applicable documents.


Authority

Saif Ullah Chattha
(Member)



31.8.2018

Himayat Ullah Khan
(Member)

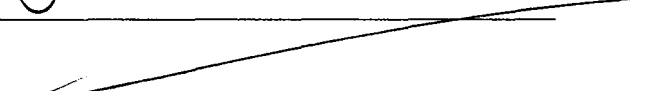
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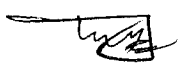

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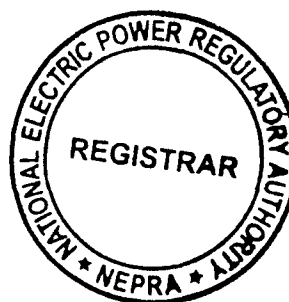
Rehmatullah
(Member/Vice Chairman)

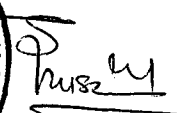

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Tariq Saddozai
(Chairman)


23/8/2018






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**National Electric Power Regulatory Authority
(NEPRA)
Islamabad – Pakistan**

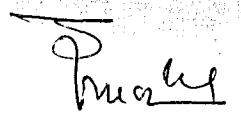
GENERATION LICENCE

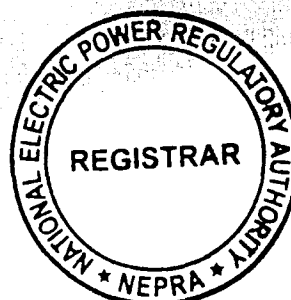
No. SGC/124/2018

In exercise of the powers conferred upon under Section-26 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 as amended or replaced from time to time, the Authority hereby modifies the Generation Licence granted to **PREMIER INDUSTRIAL CHEMICAL MANUFACTURING COMPANY (PRIVATE) LIMITED** (issued on February 23, 2018 and expiring on February 22, 2047), to the extent of changes mentioned as here under:-

- (i). The Installed Capacity appearing on the Face Sheet of Generation Licence may be read as **15.0 MW** instead of **7.0 MW**;
- (ii). Changes in Articles of the Generation Licence attached as **Revised/Modified Articles** of the Generation Licence;
- (iii). Changes in Schedule-I attached as **Revised/Modified Schedule-I**;
- (iv). Changes in Schedule-II attached as **Revised/Modified Schedule-II**; and
- (v). Changes in Second Tier Supply Authorization attached as **Revised/Modified Second Tier Supply Authorization**.

This **Modification-I** is given under my hand on 5th day of **September Two Thousand & Eighteen.**

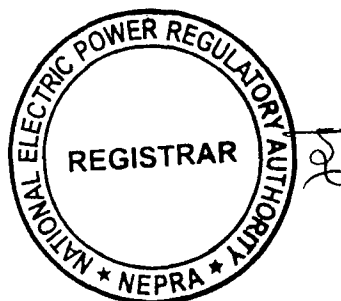

05.09.18
Registrar



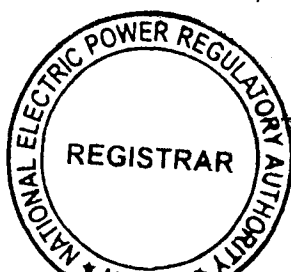
Article-1
Definitions

1.1 In this licence

- (a). "Act" means the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 as amended or replaced from time to time;
- (b). "Applicable Documents" mean the Act, the rules and regulations framed by the Authority under the Act, any document or instrument issued or determinations made by the Authority under any of the foregoing or pursuant to the exercise of its powers under the Act, the Grid Code, the applicable Distribution Code, if any, or the documents or instruments made by the Licensee pursuant to its generation licence, in each case of a binding nature applicable to the Licensee or, where applicable, to its affiliates and to which the Licensee or any of its affiliates may be subject;
- (c). "Applicable Law" means the Act, relevant rules and regulations made there under and all the Applicable Documents;
- (d). "Authority" means the National Electric Power Regulatory Authority constituted under Section-3 of the Act;
- (e). "Bulk Power Consumer (BPC)" means a consumer which purchases or receives electric power, at one premises, in an amount of one (01) megawatt or more or in such other amount and voltage level and with such other characteristics as the Authority may specify and the Authority may specify different amounts and voltage levels and with such other characteristics for different areas;



- (f). "Bus Bar" means a system of conductors in the generation facility/Co-Generation Facility/Power Plant of the Licensee on which the electric power from all the generators is collected for supplying to the Power Purchaser or Bulk Power Purchaser;
- (g). "Co-Generation Facility/Power Plant" means the generation facility for simultaneous production of both electric power and heat or steam for industrial processes from a common fuel source;
- (h). "Commercial Operations Date (COD)" means the day immediately following the date on which the Co-Generation Facility/Power Plant of the Licensee is commissioned;
- (i). "Generation Rules" mean the National Electric Power Regulatory Authority Licensing (Generation) Rules, 2000 as amended or replaced from time to time;
- (j). "LESCO" means Lahore Electric Supply Company Limited and its successors or permitted assigns;
- (k). "Licensee" means **Premier Industrial Chemical Manufacturing Company (Private) Limited** and its successors or permitted assigns;
- (l). "Licensing Regulations" mean the National Electric Power Regulatory Authority Licensing (Application & Modification Procedure) Regulations, 1999 as amended or replaced from time to time;
- (m). "Power Purchaser" means any BPC which will be purchasing electric power from the Licensee, pursuant to a PPA for procurement of electric power;
- (n). "Power Purchase Agreement (PPA)" means the power purchase agreement, entered or to be entered into by and between the Power Purchaser and the Licensee, for the purchase of electric power



generated by the generation facility/Co-Generation Facility/Power Plant of the Licensee, as may be amended by the parties thereto from time to time;

1.2 The words and expressions used but not defined herein bear the meaning given thereto in the Act or rules and regulations issued under the Act.

Article-2
Applicability of Law

This licence is issued subject to the provisions of the Applicable Law, as amended or replaced from time to time.

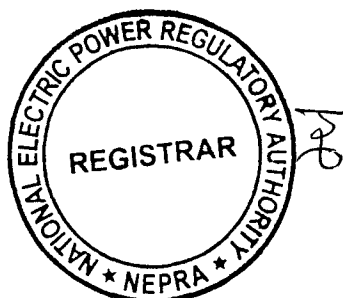
Article-3
Generation Facilities

The location, size (capacity in MW), technology, interconnection arrangements, technical limits, technical functional specifications and other details specific to the generation facility/Co-Generation Facility/Power Plant of the Licensee are set out in Schedule-I of this licence. The net capacity of the generation facility/Co-Generation Facility/Power Plant of the Licensee is set out in Schedule-II hereto.

Article-4
Term of Licence

4.1 This licence is effective from the original date of its issuance i.e. February 23, 2018 and has the term of twenty nine (29) years from the said date subject to the provisions of Section-14B of the Act.

4.2 However, unless suspended or revoked earlier, the Licensee may apply for renewal of this licence ninety (90) days prior to the expiry of the above term, as stipulated in Generation Rules read with the Licensing Regulations.



Article-5
Licence fee

The Licensee shall pay to the Authority the licence fee as stipulated in the National Electric Power Regulatory Authority (Fees) Rules, 2002 as amended or replaced from time to time.

Article-6
Tariff

The Licensee is allowed to charge the Power Purchaser(s) such tariff which has been agreed between the Licensee and the Power Purchaser(s), pursuant to the Power Purchase Agreement(s).

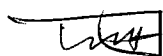
Article-7
Competitive Trading Arrangement

7.1 The Licensee shall participate in such manner as may be directed by the Authority from time to time for development of a Competitive Trading Arrangement. The Licensee shall in good faith work towards implementation and operation of the aforesaid Competitive Trading Arrangement in the manner and time period specified by the Authority. Provided that any such participation shall be subject to any contract entered into between the Licensee and another party with the approval of the Authority.

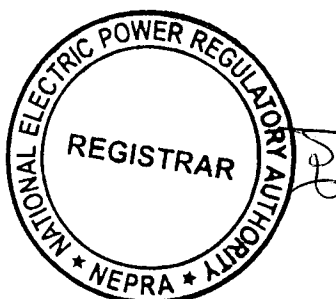
7.2 Any variation or modification in the above-mentioned contracts for allowing the parties thereto to participate wholly or partially in the Competitive Trading Arrangement shall be subject to mutual agreement of the parties thereto and such terms and conditions as may be approved by the Authority.

Article-8
Maintenance of Records

For the purpose of sub-rule (1) of Rule 19 of the Generation Rules, copies of records and data shall be retained in standard and electronic form and all such records and data shall, subject to just claims of confidentiality, be accessible by authorized officers of the Authority.







Article-9
Compliance with Performance Standards

The Licensee shall comply with the relevant provisions of the National Electric Power Regulatory Authority Performance (Generation) Rules 2009 as amended or replaced from time to time.

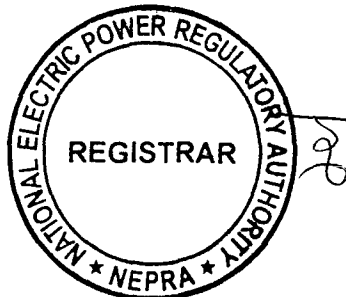
Article-10
Compliance with Environmental & Safety Standards

10.1 The generation facility/Co-Generation Facility/Power Plant of the Licensee shall comply with the environmental and safety standards as may be prescribed by the relevant competent authority from time to time.

10.2 The Licensee shall provide a certificate on a bi-annual basis, confirming that the operation of its generation facility/Co-Generation Facility/Power Plant is in line with environmental standards as prescribed by the relevant competent authority.

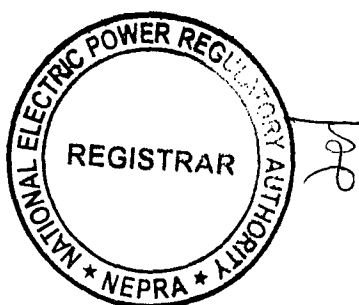
Article-11
Provision of Information

In accordance with provisions of Section-44 of the Act, the Licensee shall be obligated to provide the required information in any form as desired by the Authority without any exception.

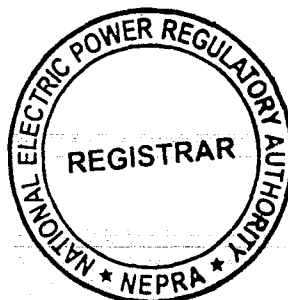
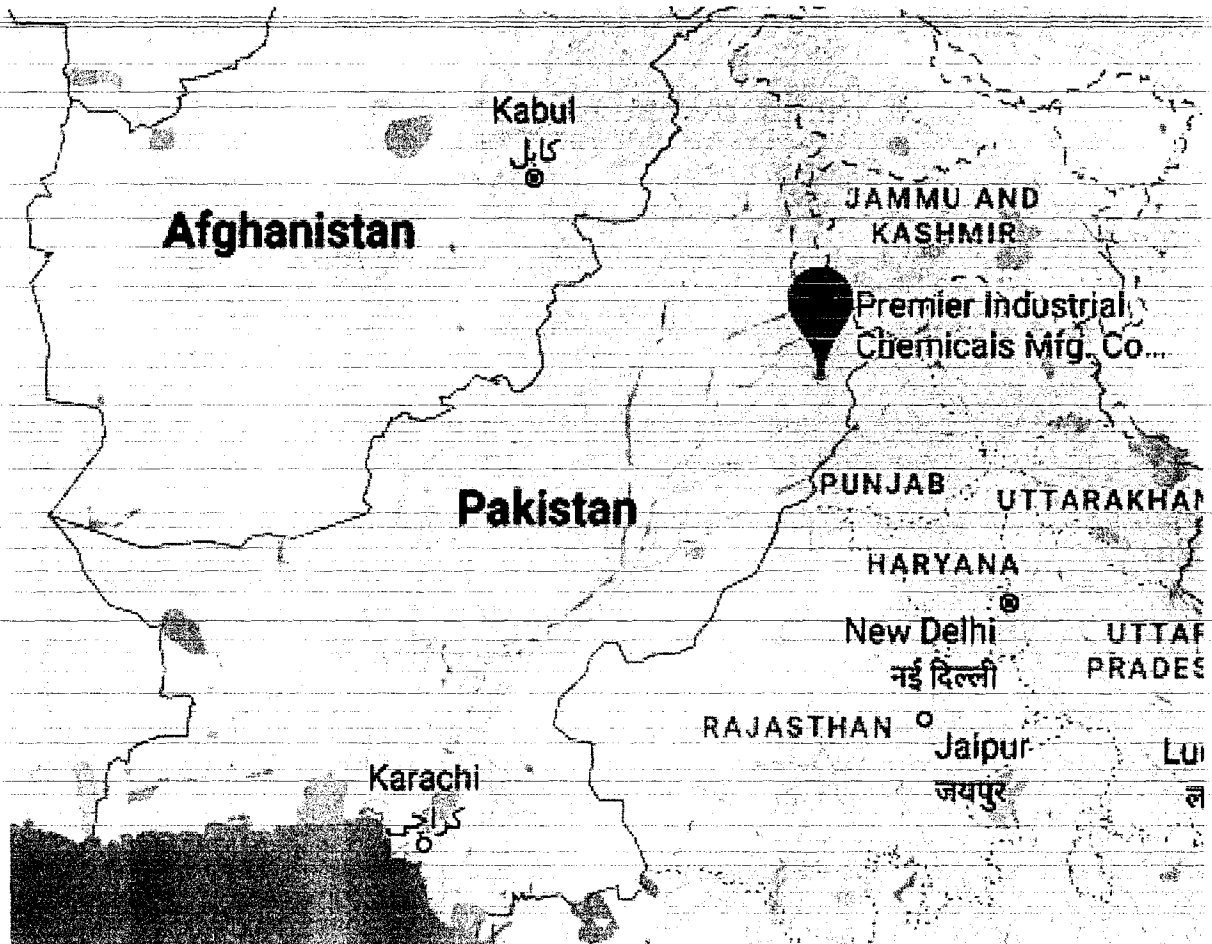


Revised/Modified
SCHEDULE-I

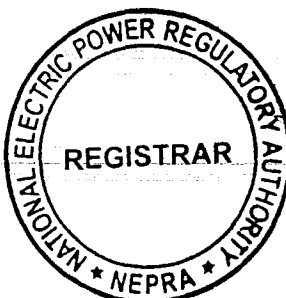
The Location, Size (i.e. Capacity in MW), Type of Technology, Interconnection Arrangements, Technical Limits, Technical/Functional Specifications and other details specific to the Generation Facilities of the Licensee are described in this Schedule.



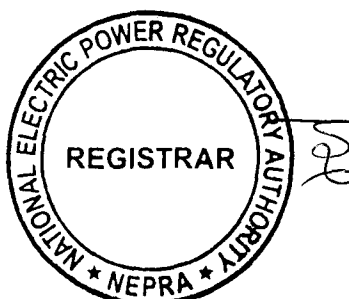
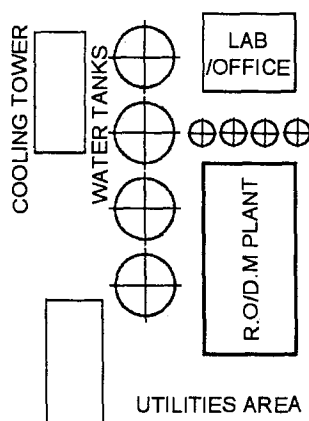
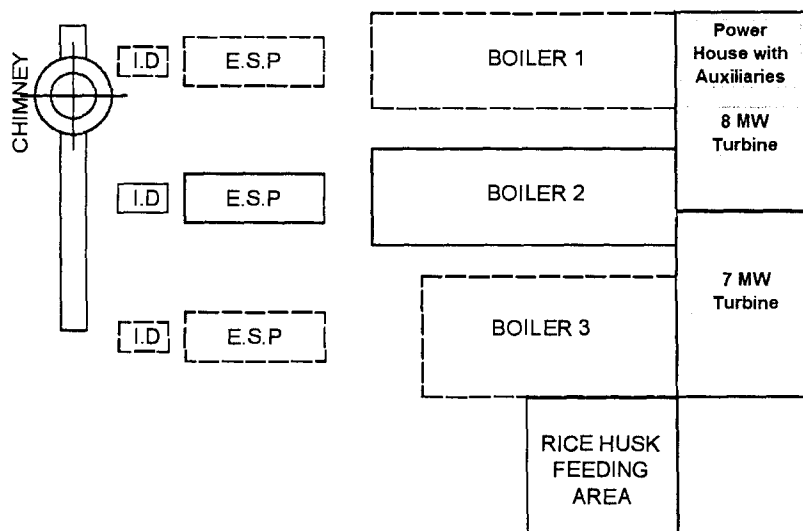
Location
of the Generation Facility/Co-Generation Power Plant
of the Licensee



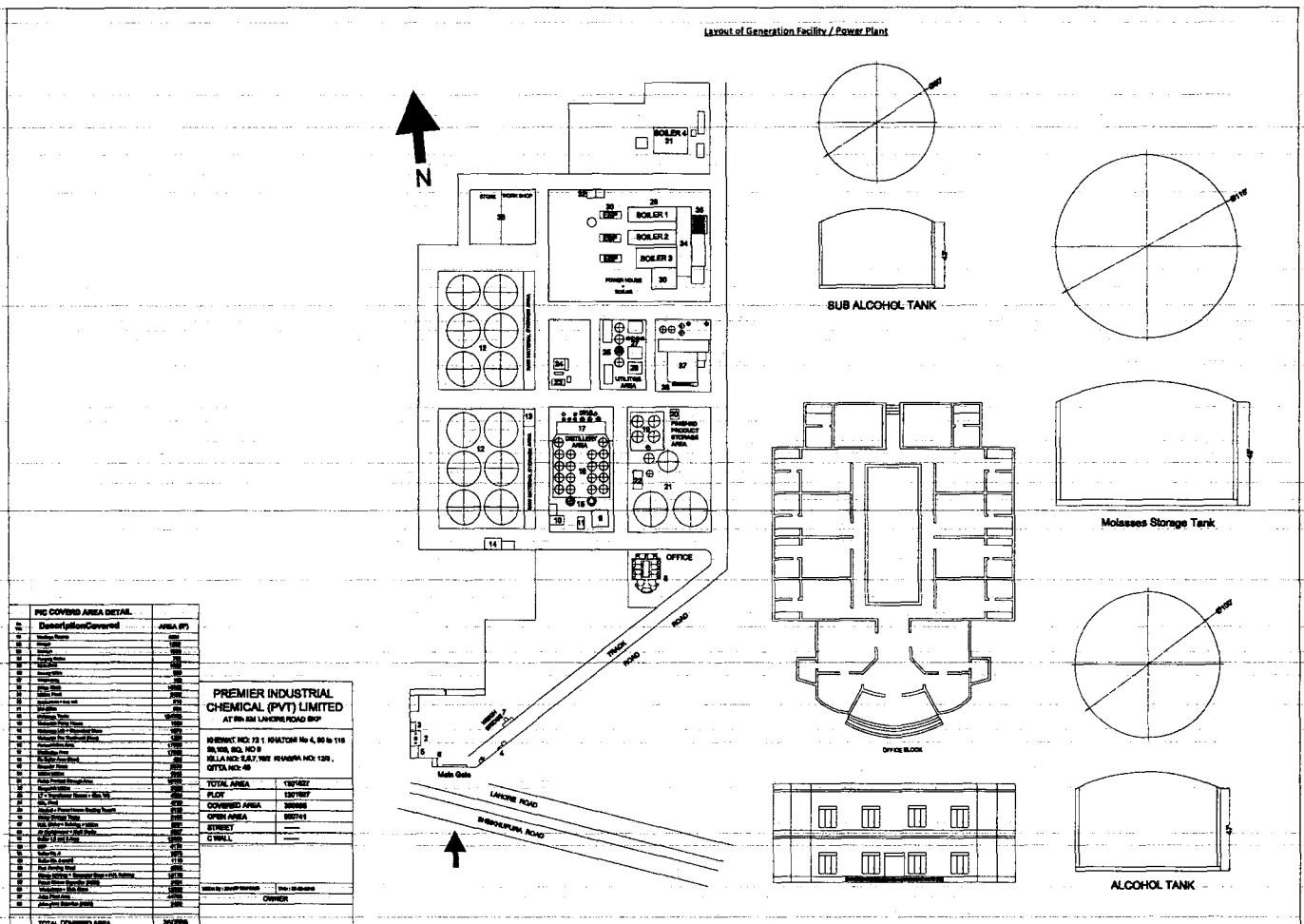
Location
of the Generation Facility/Co-Generation Power Plant
of the Licensee



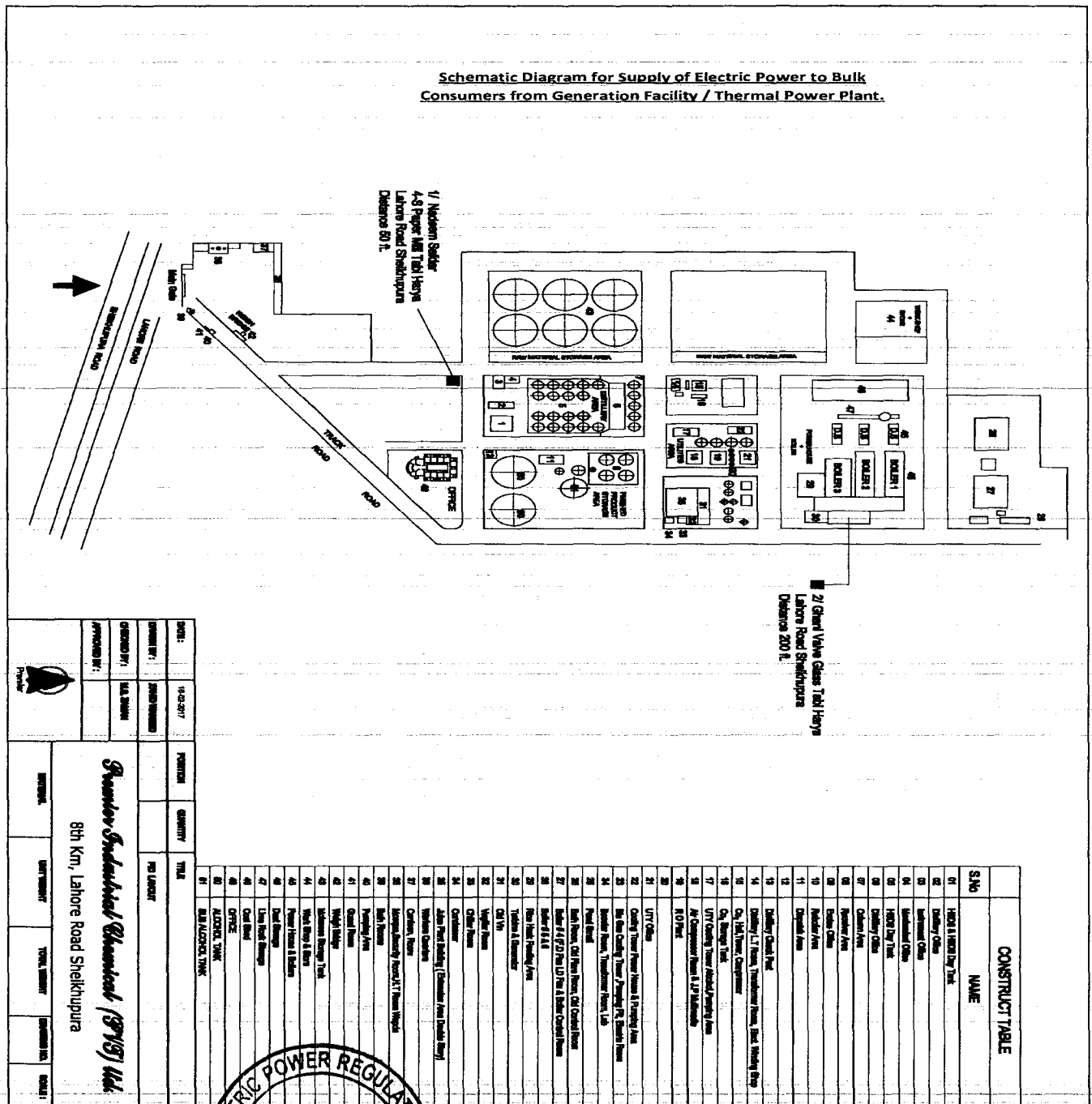
Lay out of the Generation Facility/Co-Generation Power Plant of the Licensee



Lay out of the Generation Facility/Co-Generation Power Plant of the Licensee



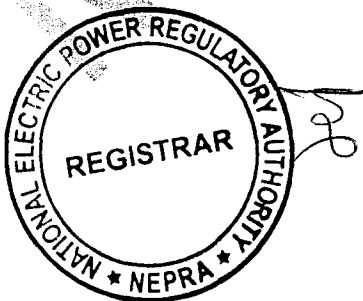
Schematic Diagram For Supply to Bulk Power Consumers from Generation Facility/Co-Generation Power Plant of the Licensee



**Interconnection Arrangement/Transmission Facilities
for Dispersal of Power From the Generation Facility/Co-
Generation Power Plant**

The electric power from the biomass based generation facility/Co-generation Facility/Power Plant of Licensee will not supplied to any distribution company but to Bulk Power Consumers-BPCs*.

(2). The Interconnection Facilities (IF)/Transmission Arrangements (TA) for supplying to BPCs from the above mentioned generation facility shall be at 11 kV level as described in the subsequent details given in this Schedule.



* The details of the pertaining to BPCs, supply arrangement and other relating information is provided in the subsequent description of this Schedule-I.

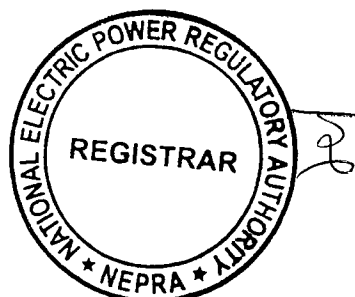
Detail of Generation Facility/Co-Generation Power Plant

(A). General Information

(i).	Name of Licensee/Company	Premier Industrial Chemical Manufacturing Company (Private) Limited
(ii).	Registered /Business Office of the Licensee	23-Ahmed Block, New Garden Town Lahore, in the Province of Punjab
(iii).	Location of the generation facility	08-KM Lahore-Sheikhupura Road, Sheikhupura in the Province of Punjab
(iv).	Type of the generation facility	Biogas/Biomass fired Co-Generation Facility

(B). Plant Configuration

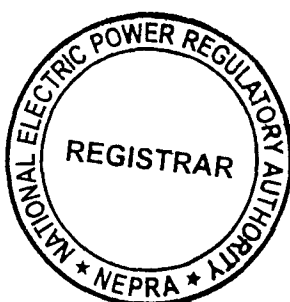
(i).	Size/Installed Capacity of the generation facility	15.0 MW	
(ii).	Type of Technology	1 x 7 MW + 1 x 8 MW Steam Turbines and Two (02) Circulating Fluidized Bed (CFB) Boilers Operating at 67 bar (kg/cm ²) and Producing 55 Tons of Steam Per Hour-TPH.	
(iii).	Number of Units/Size (MW)	1 x 7.0 MW + 1 x 8.0 MW	
(iv).	Unit Make/ Model & Year of Manufacture	Boiler (s)	Steam Turbine (s)
		Cheema Boilers Limited, India	Triveni Turbine Limited-Bangalore, India
(v).	Commercial Operation Date (COD) of the generation facility	August 31, 2017	



(vi).	Minimum Expected Useful Life of the generation facility from the date of issuance of this Modification	Twenty Nine (29) Years
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(C). Fuel Details

(i).	Primary Fuel	Biogas (Indigenous)	
(ii).	Alternative Fuel	Bagasse, Rice Husk, Coal and Natural Gas	
(iii).	Fuel Source (Imported/Indigenous)	Indigenous	
(iv).	Fuel Supplier	Primary Fuel	Alternative Fuel
		Premier Industrial Chemical Manufacturing Company (Private) Limited	Any Local Supplier
(v).	Supply Agreement	Primary Fuel	Alternative Fuel
		Through Pipeline	Through Pipeline /Trucks
(vi).	No. of Storage Bunkers/Tanks/Open Yard	Primary Fuel	Alternative Fuel
		Through Pipeline	Through Pipeline/One Open Rectangular Yard
(vii).	Storage Capacity of each Bunkers/Tanks/ Open Yard	Primary Fuel	Alternative Fuel
		Through Pipeline	1000~2000 M.Tons
(viii).	Gross Storage Capacity	Primary Fuel	Alternative Fuel
		Through Pipeline	1000~2000 M.Tons



(D). Emission Values

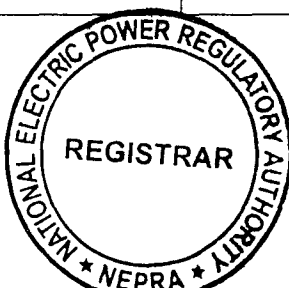
		Primary Fuel	Alternative Fuel
(i).	SO _x (mg/Nm ³)	200~1000	>1001
(ii).	NO _x (mg/Nm ³)	350~450	<308
(iii).	CO ₂	8~10%	8~10%
(iv).	CO (mg/Nm ³)	Nil	63~100
(v).	PM ₁₀ (mg/Nm ³)	5~10	450~550

(E). Cooling System

(i).	Cooling Water Source/Cycle	Underground through Bore Well Water Cycle/Closed Cycle cooling system
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(F). Plant Characteristics

(i).	Generation Voltage	11.0 KV
(ii).	Frequency	50 Hz
(iii).	Power Factor	0.80 Lagging /0.9 (leading)
(iv).	Automatic Generation Control (AGC)	Yes/AVR & Wood Wards Governor for Generator Voltage & Frequency Control System

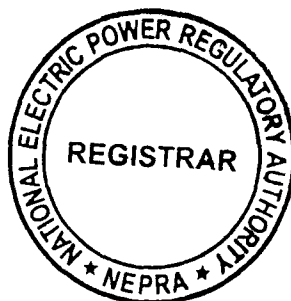


(v).	Ramping Rate	5%
(vi).	Time required to Synchronize to Grid	Not connected to grid

Modification-I

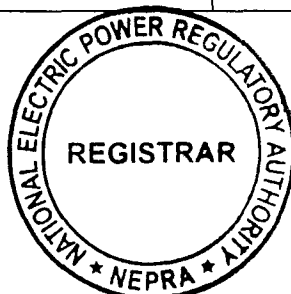
to be

8



Information Regarding
Bulk Power Consumer(s)/BPCs to be Supplied By the Licensee
[i.e. Premier Industrial Chemical Manufacturing Company (Private)
Limited]

(i).	No. of Consumers	Two (02)	
(ii).	Location of consumers (distance and/or identity of premises)	Zee.T International Limited	HQ Steels (Private) Limited
		08-KM Lahore- Sheikhupura Road, Shiekhupura	08-KM Lahore- Sheikhupura Road, Shiekhupura
(iii).	Contracted Capacity and Load Factor for consumer	Zee.T International Limited	HQ Steels (Private) Limited
		1.00 MW/50.00%	10.0 MW/50.00%
(iv).	Specify Whether		
	(a).	The consumer is an Associate undertaking of the Licensee-If yes, specify percentage ownership of equity;	No
	(b).	There are common directorships:	No
	(c).	Either can exercise influence or control over the other.	No
(v).	Specify nature of contractual Relationship		
	(a).	Between each consumer and the Licensee.	No

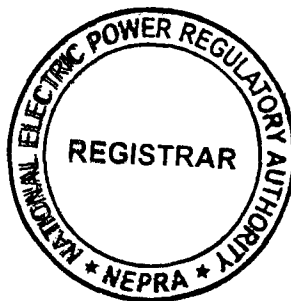


	(b).	Consumer and LESCO.	Zee.T International Limited is B-2 Consumer whereas HQ Steels (Private) Limited has applied for B-4 connection of LESCO
(vi)	Any other network information deemed relevant for disclosure to or consideration of the Authority.		N/A

Modification-I

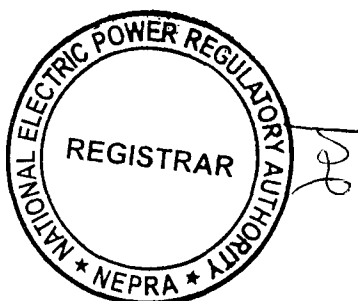






Information Regarding
Distribution Network for Supply of Power to Pulk Power
Consumers By the Licensee [i.e. Premier Industrial Chemical
Manufacturing Company (Private) Limited]

(i).	No. of Feeders	02 (Two)	
(ii).	Length of Each Feeder (Meter)	Feeder-1	Feeder-2
		15 meters	400 meters
(iii).	Length of Each Feeder to each Consumer	Same as above	
(iv).	In respect of all the Feeders, describe the property (streets, farms, Agri land, etc.) through, under or over which they pass right up to the premises of customer, whether they cross-over.	The 11 KV cable supplying power to two Bulk Power Consumers (BPCs) are located on private property owned by the respective BPC without crossing of any public or third party's private property etc.	
(v).	Whether owned by BPCs, Consumer or LESCO-(deal with each Feeder Separately)		
	(a).	If owned by LESCO, particulars of contractual arrangement	N/A
	(b).	Operation and maintenance responsibility for each feeder	The Operation and Maintenance is the responsibility of the respective BPC.
(vi).	Whether connection with network of LESCO exists (whether active or not)- If yes, provide details of connection arrangements (both technical and contractual)	Yes/ Zee. T International Limited is B-2 Consumer whereas HQ Steels (Private) Limited has applied for B-4 connection of LESCO.	
(vii).	Any other network information deemed relevant for disclosure to or consideration of the Authority.	N/A	



Revised/Modified
SCHEDULE-II

The Installed/ISO Capacity (MW), De-Rated Capacity at Mean Site Conditions (MW), Auxiliary Consumption (MW) and the Net Capacity at Mean Site Conditions (MW) of the Generation Facilities of Licensee are given in this Schedule.

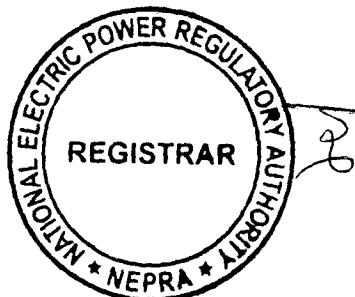


Revised/Modified
SCHEDULE-II

(1).	Total Installed Capacity of the Generation Facility	15.00 MW
(2).	De-rated Capacity of the Generation Facility at Reference Site Conditions	14.00 MW
(3).	Auxiliary Consumption of the Generation Facility	0.70 MW
(4).	Net Capacity of the Generation Facility at Reference Site Conditions	13.30 MW

Note

All the above figures are indicative as provided by the Licensee. The Net Capacity available to Power Purchaser(s) for dispatch will be determined through procedure(s) contained in the Power Purchase Agreement or any other Applicable Document(s).



Revised/Modified Authorization
by National Electric Power Regulatory Authority (NEPRA) to
Premier Industrial Chemical Manufacturing
Company (Private) Limited

Incorporated Under Section-32 of the Companies
Ordinance 1984 (XLVII of 1984) Having Company Registration No.
12789/20030602, dated June 30, 2003

NEPRA GENERATION LICENCE No. SGC/124/2018
For
Sale to Bulk Power Consumer(s)


Pursuant to Section-22 of the Act and Rule-7 of the NEPRA Licensing
(Generation) Rules-2000, the Authority hereby authorize Premier Industrial Chemical
Manufacturing Company (Private) Limited-PICMPL (the Licensee) to engage in
second-tier supply business, limited to the following consumers:-

- (a). Zee. T International Limited; and
- (b). H Q Steels (Private) Limited.


Saif Ullah Chattha
(Member) 31-8-2018

Retired

Himayat Ullah Khan
(Member)


31/8/2018
Rehmatullah
(Member/Vice Chairman)


Tariq Saddozai
(Chairman)

