



Registrar

National Electric Power Regulatory Authority Islamic Republic of Pakistan

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Web: www.nepra.org.pk, E-mail: info@nepra.org.pk

No. NEPRA/R/LAG-46/13441-43

December 05, 2013

Rana Assad Iqbal
Director
Kohinoor Power Company Limited
17-Aziz Avenue, Canal Bank
Gulberg – V, Lahore-54660

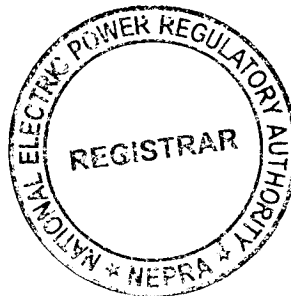
Subject: **Modification-I in Generation Licence No. SGC/017/2004 —
Kohinoor Power Company Limited (KPCL)**

Reference: *Your letter No. KPC/OS/01187/FESCO dated June 04, 2012.*

It is intimated that the Authority has approved "Licensee Proposed Modification" in Generation Licence No. SGC/017/2004 (issued on January 27, 2004) in respect of Kohinoor Power Company Limited pursuant to Regulation 10(11) of the NEPRA Licensing (Application & Modification Procedure) Regulations, 1999.

2. Enclosed please find herewith Modification-I in the Generation Licence No. SGC/017/2004, as approved by the Authority. Further, the determination of the Authority in the matter is also attached.

Encl:/As above




(Syed Safer Hussain)

Copy to:

1. Chief Executive Officer, Faisalabad Electric Supply Company (FESCO), Canal Road, Abdullahpur, Faisalabad
2. Director General, Pakistan Environmental Protection Agency, House No. 311, Main Margalla Road, F-11/3, Islamabad.

**National Electric Power Regulatory Authority
(NEPRA)**

Islamabad – Pakistan

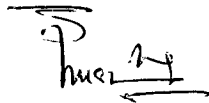
GENERATION LICENCE

SGC/017/2004

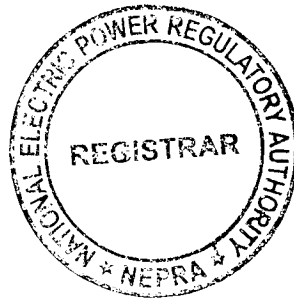
In exercise of the Powers conferred upon the National Electric Power Regulatory Authority (NEPRA) under Section-26 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), the Authority hereby modifies the Generation Licence granted to KOHINOOR POWER COMPANY LIMITED (issued on January 27, 2004 and expiring on January 26, 2018), to the extent of changes mentioned as here under:-

- (i). **Changes in Face Sheet and Articles of the Generation Licence** attached as **Annexure-A**;
- (ii). Changes in **Schedule-I** attached as **Revised Schedule-I**; and
- (iii). Changes in **Schedule-II** attached as **Revised Schedule-I**

This **Modification-I** is given under my hand this 05th of **December Two Thousand & Thirteen**



Registrar







**Details of Modification-I to
Generation Licence
No. SGC/017/2004, dated January 27, 2004**

The modifications made to Face Sheet, Schedule-I and Schedule-II of the Generation Licence No. SGC/017/2004, dated January 27, 2004 are as follows:-

(A). Changes in Face Sheet

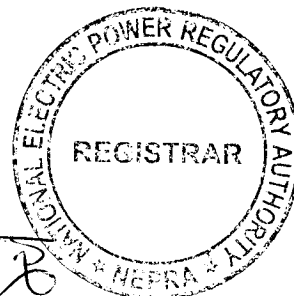
(i). The restriction regarding delivery and sale to consumers mentioned in schedule-I is revoked;

(ii). KPCL is allowed to sell from Plant-1 and Plant-2 to FESCO or any other Distribution Licensee.

(B). Changes in Articles of the Generation Licence

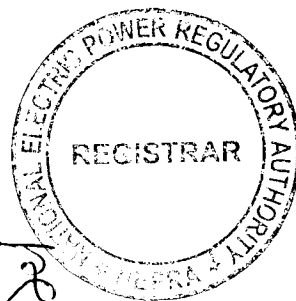
(i). Article 8 of the Generation Licence will be treated as "Not Applicable";

(ii). Article 9 of the Generation Licence will be considered as "Not Applicable".



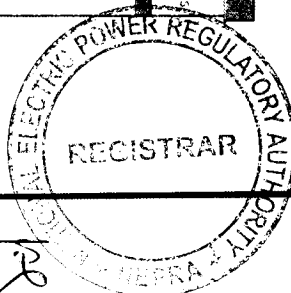
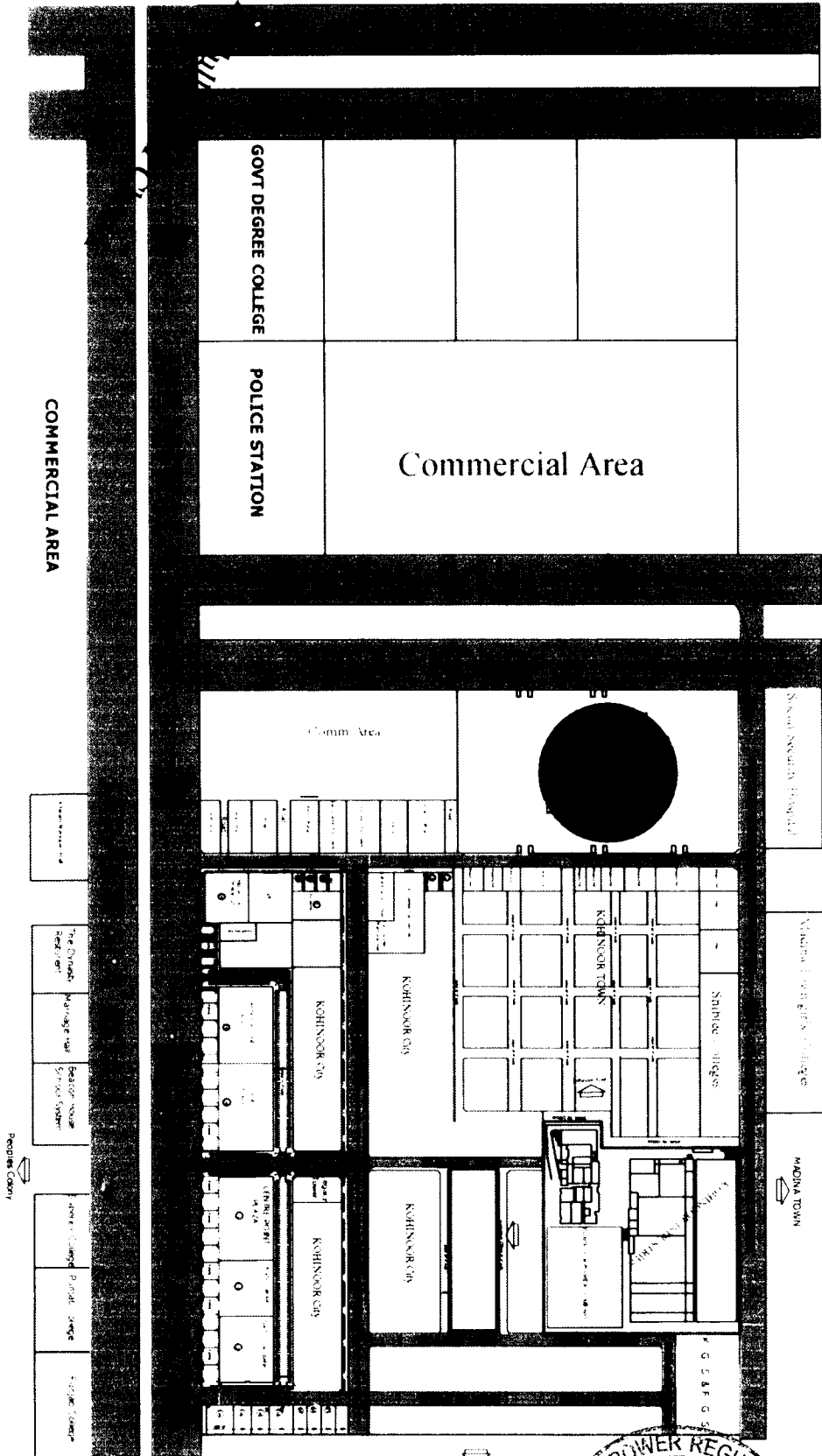
SCHEDULE-I
(Revised)

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.



Generation Licence
 Kohinoor Power Company Limited
 Kohinoor Nagar, Faisalabad
 &
 51-Km Multan Road, Bhai Pheru
 District Kasur
 Punjab

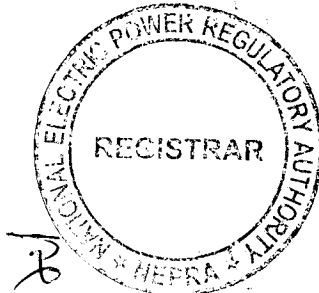
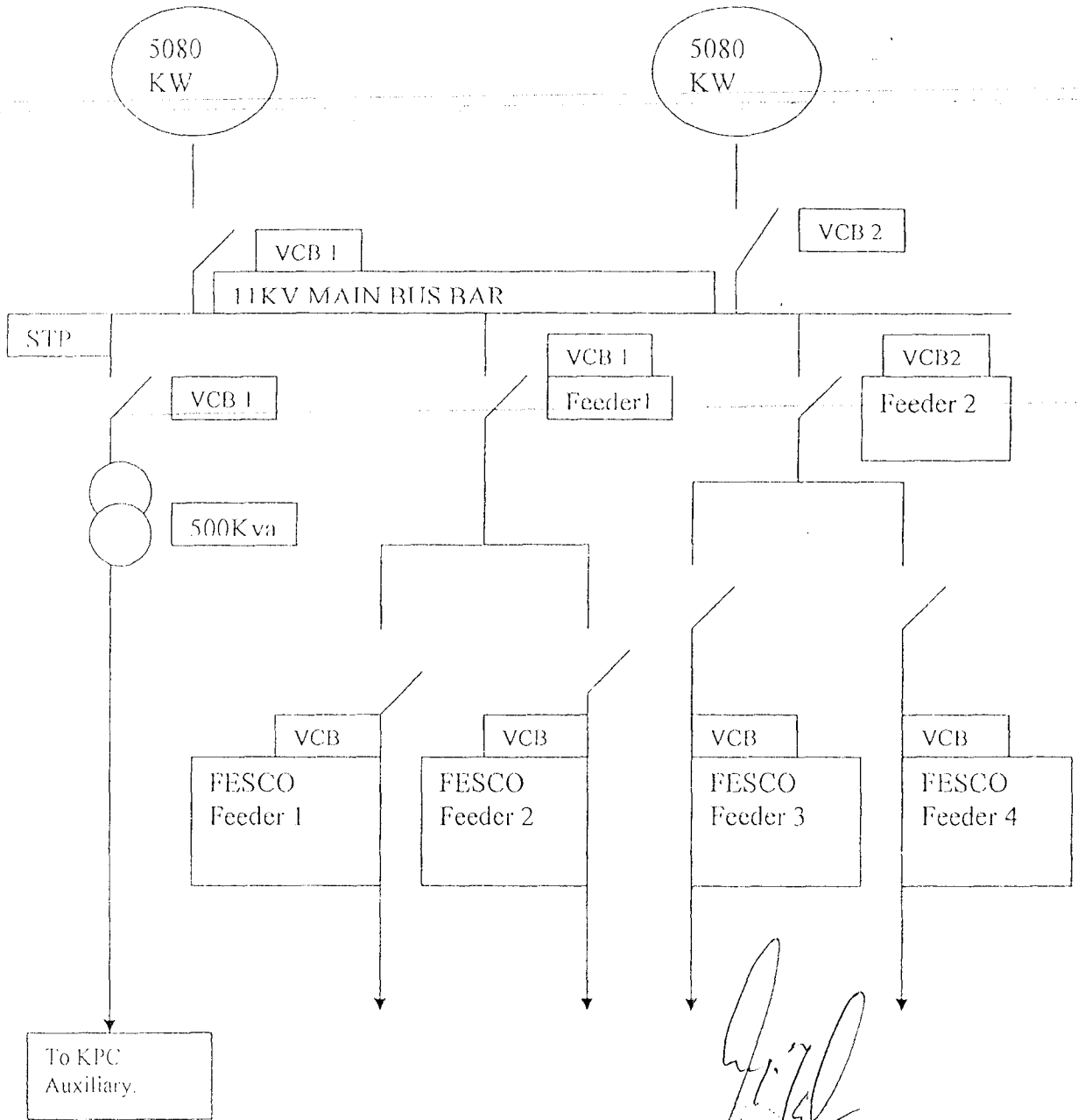
Location & Layout for Plant-I at Faisalabad



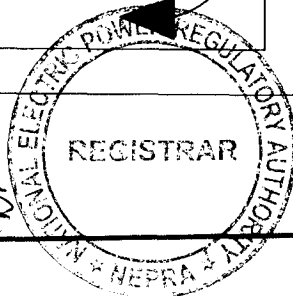
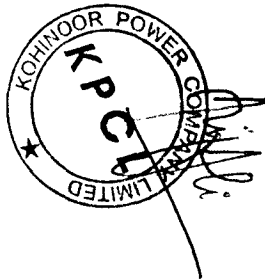
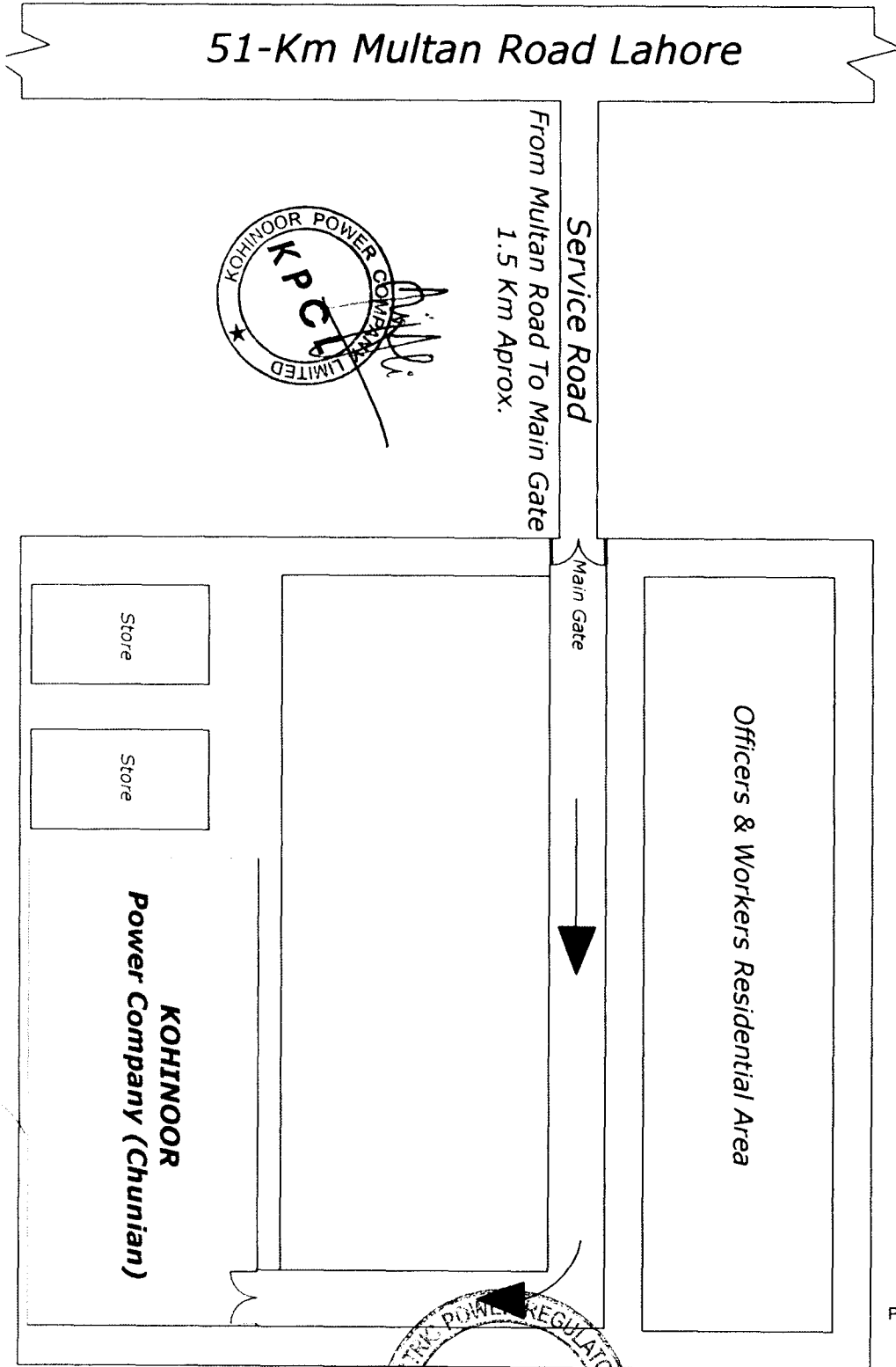
Single Line Diagram (Electrical) for Plant-I at Faisalabad

GENERATION -1

GENERATION-2



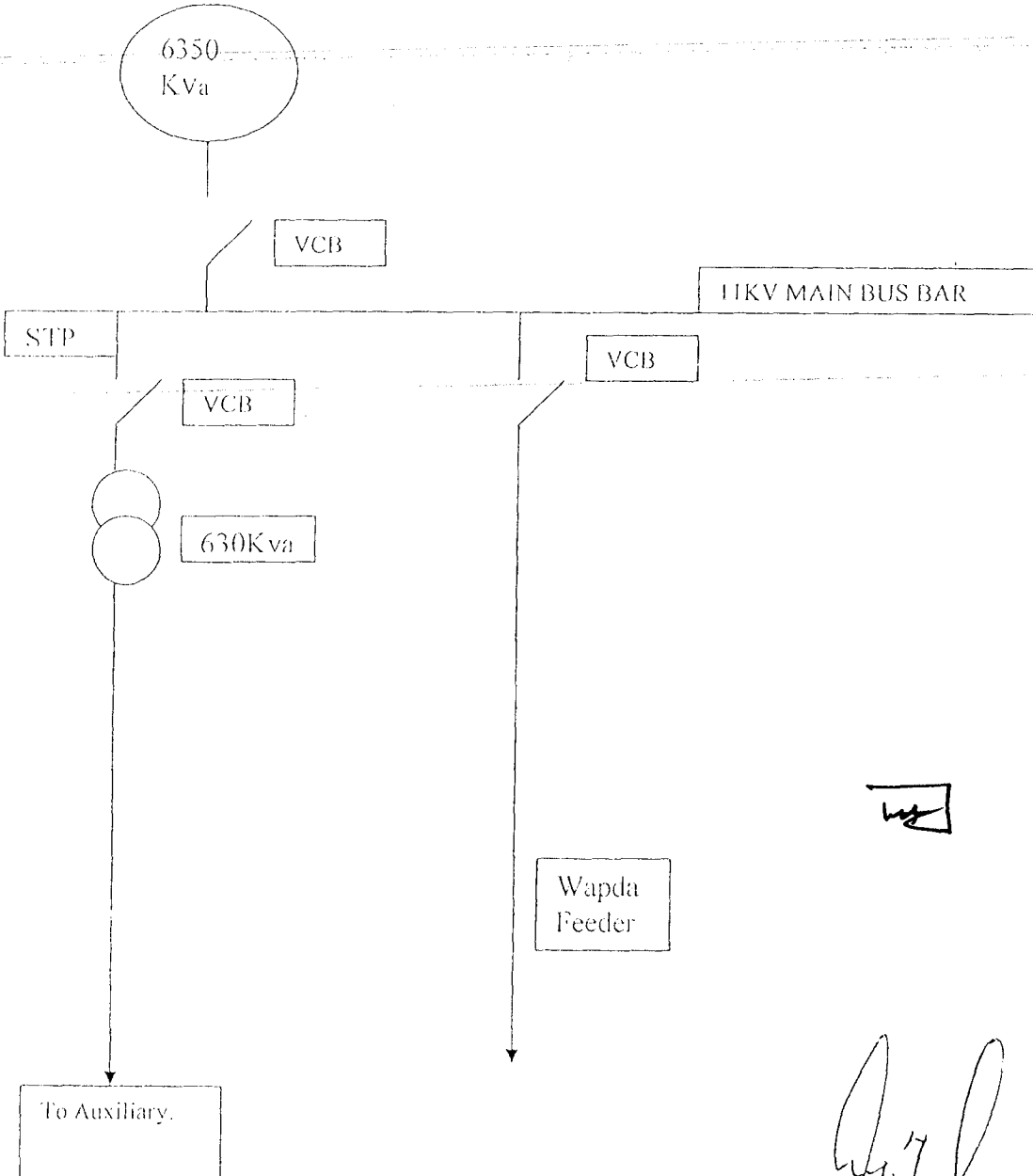
Location & Layout for Plant-II at Bhai Pheru District Kasur



M.

Single Line Diagram (Electrical) for Plant-II at at Bhai Pheru District Kasur

GENERATOR



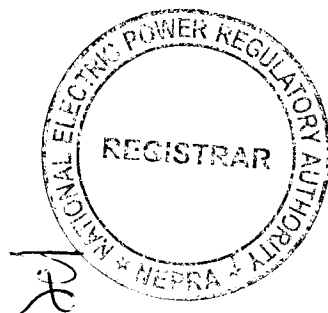
**INTERCONNECTION/TRANSMISSION
ARRANGEMENT FOR THE DISPERSAL OF
POWER FROM THE POWER PLANT**

The Power generated by the Kohinoor Power Company Limited (KPCL) from its Furnace Oil based Thermal Power Generation facility located at Faisalabad shall be dispersed to the Load Center of Faisalabad Electric Supply Company Limited (FESCO).

The Interconnection/Transmission Arrangement for the above mentioned facilities will be at 11 KV voltage as given in the Power Purchase Agreements (PPA) of June 29, 2007 signed between KPCL and FESCO.

The final Interconnection and Transmission Arrangement(s), for the dispersal of power, as agreed by KPCL and FESCO shall be communicated to NEPRA in due course of time.

[A large diagonal line with arrows at both ends is drawn across the page, likely indicating a signature or a specific arrangement.]



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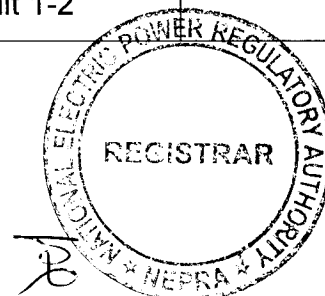
Details
of the Generation Facilities/
Power Plant

(A). General Information

(i).	Name of Applicant	Kohinoor Power Company Limited	
(ii).	Registered /Business Office	6-Egerton Road, Lahore	
(iii).	Plant Location	Plant – I	Plant – II
		Kohinoor Nagar, Faisalabad.	51 Km Multan Road Bhai- Pheru, District Kasur
(iv).	Type of Generation Facility	Thermal Generation	

(B). Plant Configuration

(i).	Plant Size Installed Capacity (Gross ISO)	Plant – I	Plant – II
		10.16 MW	5.08 MW
(ii).	Type of Technology	Unit 1-2	Unit – 1
		Diesel Engines	Diesel Engines
(iii).	Number of Units/Size (MW)	Unit 1-2	Unit – 1
		2 x 5.080 MW	1 x 5.08 MW
(iv).	Unit Make & Model	Unit 1-2	Unit – 1
		Nigata 16V32CLX 1991	Nigata 16V32CLX 1993
(v).	Commissioning/ Commercial Operation	Unit 1-2	Unit –1

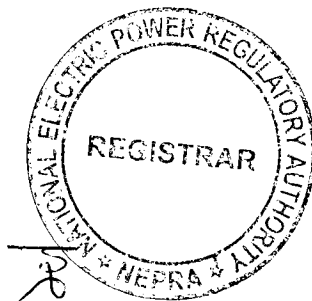


	date	1991	Originally installed at Plant-I in 1994, Shifted to Plant-2 location in September, 2000
(vii).	Expected useful Life of the Facility from Commercial Operation/ Commissioning Date	24 Years	27 Years
(vii).	Expected Remaining useful Life of the Facility at the time of Grant of Original Generation Licence	14 Years	
(ix).	Expected Remaining useful Life of the Facility at the time of this Modification-I	04 Years	

(C). Fuel/Raw Material Details

(i).	Primary Fuel	HFO	
(ii).	Fuel (imported/Indigenous)	Both, depending on availability	
(iii).	Fuel Supplier	Plant – I	Plant – II
		PSO/Shell/Caltex	PSO/Shell/Caltex/Total
(iv).	Supply Arrangement	Road/Tankers	
(v).	No of Storage Tanks	Plant – I	Plant – II
		2	2
(vi).	Storage Capacity of each Tank	Plant – I	Plant – II
		1200 Tons/Tank	475 Tons/Tank
(vii).	Gross Storage	Plant – I	Plant – II
		2400 Tons	950 Tons

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(D). Emission Values

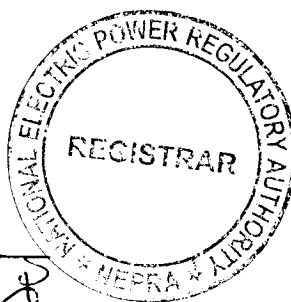
(i).	SO _x (mg/Nm ³)	818 ppm
(ii).	NO _x (mg/Nm ³)	1200 ppm
(iii).	CO ₂	Not applicable
(iv).	PM ₁₀	Not applicable

(E). Cooling System

(i).	Cooling Water Source/Cycle	Tube Well
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(F). Plant Characteristics

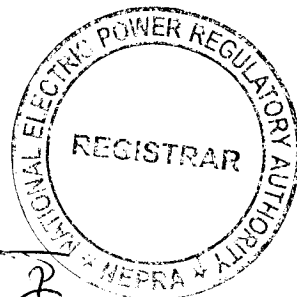
(i).	Generation Voltage	11000 V
(ii).	Frequency	50 Hz
(iii).	Power Factor	0.80 lagging
(iv).	Automatic Generation Control (AGC)	Provided
(v).	Ramping Rate	0.16 % per second
(vi).	Time required to Synchronize to Grid and loading the complex to full load.	To be provided later.



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SCHEDULE-II
(Revised)

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 is given in this Schedule



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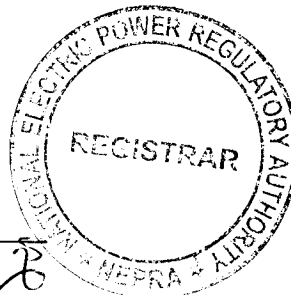
SCHEDULE-II

		Plant-1	Plant-2	Total
1.	Installed Capacity Gross ISO	10.160 MW	05.08 MW	15.24 MW
2.	De-rated Capacity at Mean Site Conditions	10.160 MW	05.08 MW	15.24 MW
3.	Auxiliary Consumption	00.613 MW	00.307 MW	00.92 MW
4.	Net Capacity of the Plant	09.547 MW	04.773 MW	14.32 MW

Note

All the above figures are indicative as provided by the Licensee. The Net Capacity available to FESCO/CPPA* for dispatch will be determined through procedure(s) contained in the Bi-lateral Agreement(s), Grid Code or any other applicable document(s).

* Central Power Purchasing Agency of National Transmission and Despatch Company Limited



National Electric Power Regulatory Authority
(NEPRA)

Determination of Authority
in the Matter of Licensee Proposed Modification (LPM) of
Kohinoor Power Company Limited
(KPCL)

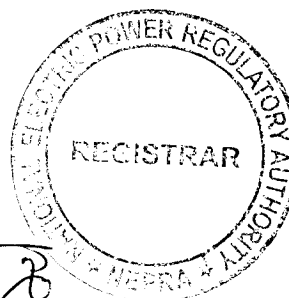
November 30, 2013
Application No. LAG-46

(A). Background

(i). The Authority granted a Generation Licence (No. SGC/017/2004, dated January 27, 2004) to KPCL (a Small Power Producer/SPP) for its two distinctly located Generation Facilities at Kohinoor Nagar, Faisalabad/Plant-1 and at 51-Km Multan Road, Bhai Pheru, District Kasur/Plant-2. Further, the Authority also allowed KPCL supplying power to three (03) Bulk Power Consumers (BPCs) as detailed below:-

- (a). Kohinoor Industries Limited (from Plant-1);
- (b). Sarito Spinning Mills Limited (from Plant-2) and
- (c). Azam Textile Mills Limited (from Plant-2).

(ii). The terms and conditions of the above mentioned Generation Licence restricted supplying power to the above BPCs only. Later on, KPCL entered into two separate agreements with FESCO (on June 29, 2007) and LESCO (on February 06, 06, 2008) for supplying surplus power to the tune of 9.00 MW and 4.50 MW respectively in terms of advertisement of NEPRA of June 15, 2007 and guidelines of April 28, 2008. LESCO stopped purchasing power from KPCL on April 01, 2011. However, FESCO persisted with and continued purchasing power from KPCL. The existing Generation Licence of KPCL did not include FESCO as a Power Purchaser. At the time of another renewal of the agreement, FESCO desired KPCL to get its name included in the Generation Licence of KPCL. On account of



violation of terms and conditions of Licence by KPCL, the Authority has already initiated the proceedings under NEPRA (Fine) Rules, 2002 (“the Fine Rules”).

(B). Communication of LPM

(i). In view of the above, KPCL pursuant to Regulation-10 of the NEPRA Licensing (Application & Modification Procedure) Regulations, 1999 (the Regulations), communicated an LPM to the Authority on June 06, 2012.

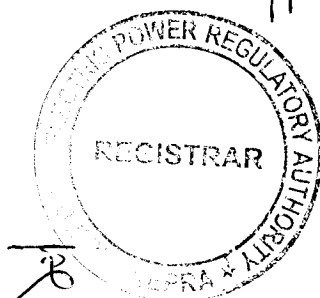
(ii). KPCL in the “Text of the proposed Modification” & “Reason in Support of Modification” statements stated “in addition to supply of electricity to Bulk Power Consumers mentioned in Schedule-I, FESCO and other DISCOs shall be the power purchasers for the purpose of the Generation Licence”

(iii). Regarding the “Impact on Tariff” KPCL submitted “the terms of supply shall be as mutually agreed between the parties and subject to approval of NEPRA. About the “Quality of Service (QoS)” and “Performance”, KPCL confirmed that there would be no impact on the quality of Service.

(C). Processing of LPM

(i). After completion of all the required information as stipulated under the Regulation 10 (2) and 10 (3) of the Regulations by KPCL, the Registrar accepted the LPM as required under the Regulation 10 (4) of the Regulations and submitted the same for the consideration of the Authority.

(ii). The Authority admitted the LPM of KPCL on August 01, 2012 for further processing. A Notice about the Communicated LPM was published in the Newspapers of September 01, 2012, seeking comments from general public in favor or against the proposed LPM. Further, notices were also sent to Ministries, Departments, representatives organizations interested and affected parties etc. inviting their views and comments in the matter.



(D). Comments of Stakeholders

(i). In response to the said notices, NEPRA received comments from three (03) stakeholders including Sui Northern Gas Pipelines Limited (SNGPL), Central Power Purchasing Agency (CPPA) of National Transmission & Despatch Company Limited (NTDC) and Punjab Power Development Board (PPDB). The salient points of the comments offered by the above mentioned stakeholders are summarized in the following paragraphs: -

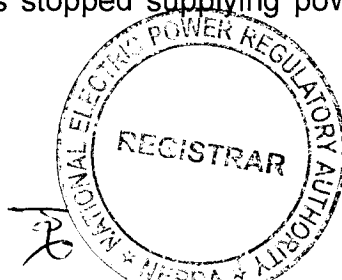
- (a). SNGPL submitted that no gas allocation has been made to any power plant in the name of KPCL. It is presumed that the Generation Licence is not based on Natural Gas as fuel. It is requested to hold the modification if it is based on Natural Gas;
- (b). CPPA expressed its no reservation on the LPM;
- (c). PPDB stated that as the modification is based on supplying surplus power to FESCO and other DISCOs therefore, the same may be accepted due to current power deficit in the country.

(ii). The above comments of the stakeholders were examined and found to be supportive except that of SNGPL. However, the comments of SNGPL were not considered relevant as the LPM did not relate to Natural Gas. In view of the supportive comments of the stakeholders, it was considered appropriate to process the communicated LPM as stipulated in the Regulations and NEPRA Licensing (Generation) Rules, 2000.

(E). Approval of LPM

(i). The Authority has observed that KPCL has complied with the requirements of the Regulation 10 of the Regulations for processing of LPM. In view of this, the Authority decides to approve the communicated LPM of KPCL for inclusion of FESCO as one of the power purchasers of KPCL. According to the information provided by KPCL, it has stopped supplying power to BPCs and they

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are getting supply from respective DISCOs therefore, the Authority cancels the earlier authorization for supplying to BPCs.

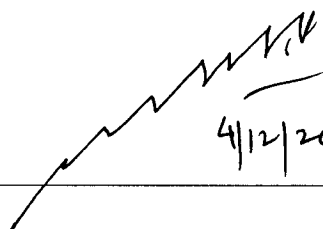
(ii). It is further observed that addition of FESCO as Power Purchaser may not be construed as permission of the Authority to sell electricity to FESCO as such permission shall be subject to the approval of Power Acquisition Request of FESCO as and when filed with the Authority.

(iii). Accordingly, the already granted Generation Licence (No. SGC/017/2004, dated January 27, 2004) in the name of KPCL is hereby modified. The Face Sheet indicating the required changes alongwith Modified Schedule-I & II of the Generation Licence are attached as Annexure to this determination. The approval of LPM would be subject to the provisions contained in the NEPRA Act and relevant rules framed there under.

(iv). It has also been noted that proceedings under the Fine Rules are still pending against the KPCL. Therefore, the instant LPM is being allowed without prejudice to the aforesaid proceedings and KPCL shall not be absolved from liability arisen out of such proceedings

Authority

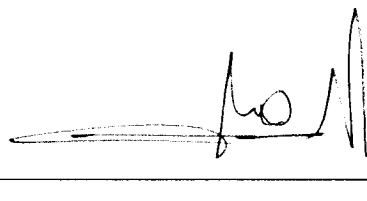
Habibullah Khilji
Member


4/12/2013

Maj. (R) Haroon Rashid
Member


4/12/13

Khawaja Muhammad Naeem
Member/Vice Chairman

 OS 2/12/13

