



National Electric Power Regulatory Authority
Islamic Republic of Pakistan

Registrar

2nd Floor, OPF Building, G-5/2, Islamabad.
Ph: 9206500, 9207200 Fax : 9210215
E-mail: office@nepra.org.pk

No. NEPRA/R/LAG-53 / 3161

1 - 8 - 2007

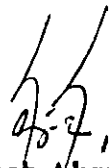
Deputy Manager (Electrical)
Kohinoor Mills Limited
(Genertek Division)
8-KM Manga Raiwind Road,
Kasur

Subject: Authority's Approval w.r.t. Substitution of Name of Kohinoor Weaving Mills Ltd. to Kohinoor Mills Ltd. - Generation Licence No. SGC/007/2001 dated March 1, 2005

Reference: Your letter no. KGD/GM/NEPRA/27, dated July 6, 2007.

The Authority has approved the substitution of name of Kohinoor Weaving Mills Limited to Kohinoor Mills Limited in the Generation Licence No. SGC/007/2001 granted to Kohinoor Weaving Mills Limited on March 1, 2005. The "Face Sheet" of the Generation Licence No. SGC/007/2001 with substituted name is attached for your record.

DA/as above.


1.08.07.
(Mahjoob Ahmad Mirza)

National Electric Power Regulatory Authority
(NEPRA)
Islamabad – Pakistan

GENERATION LICENCE

No. SGC/007/2001

In exercise of the Powers conferred upon the National Electric Power Regulatory Authority (NEPRA) under Section-15 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), the Authority hereby grants a Generation Licence to:

KOHINOOR MILLS LIMITED
(Formerly KOHINOOR WEAVING MILLS LIMITED)

Incorporated under the Companies Ordinance, 1984
Under Certificate of Incorporation

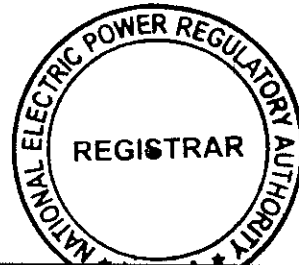
No. L-00577, dated December 21, 1987

For its Plant Located at 8-KM, Manga-Raiwind Road, District, Kasur
(Installed Capacity: 25.38 MW Gross ISO)

to engage in generation business subject to and in accordance with the Articles of this Licence.

Given under my hand this 1st day of August Two Thousand & Seven, and expires on 7th day of December, Two Thousand & Sixteen.


Registrar



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Registrar

National Electric Power Regulatory Authority
Islamic Republic of Pakistan

2nd Floor, OPF Building, G-5/2, Islamabad.
Tel : 9207200,9205225 Fax : 9210215
E-mail: office@nepra.org.pk

No. NEPRA/R/LAG - 53/6512

August 28, 2006

General Manager
Kohinoor Weaving Mills Limited
42-Lawrence Road
Lahore

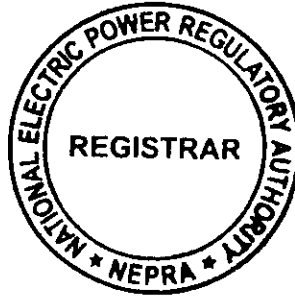
Subject: **Modification to Generation Licence No. SGC/007/2001 dated 08.12.2001**
Kohinoor Weaving Mills Ltd. (KWML)


Ref: *Your letter no. KGD/GM/NEPRA/02 dated 25.02.2005.*

It is intimated that the Authority has approved "Licensee Proposed Modification" in Generation Licence No. SGC/007/2001 in respect of Kohinoor Weaving Mills Ltd. (KWML) pursuant to Regulation 10(11) of the NEPRA Licensing (Application & Modification Procedure) Regulations, 1999. The Authority has also approved modification in the 2nd Tier Supply Authorization to KWML for sale to bulk power consumers.

2. Enclosed herewith is Modification to Generation Licence No. SGC/007/2001 along with modified Schedule-I, Schedule-II and modified 2nd Tier Supply Authorization as approved by the Authority.

DA/Modification to Generation Licence
Modified 2nd Tier Supply Authorization




28.08.06.
(Mahjoob Ahmad Mirza)

National Electric Power Regulatory Authority
(NEPRA)
Islamabad - Pakistan

MODIFICATION TO GENERATION LICENCE

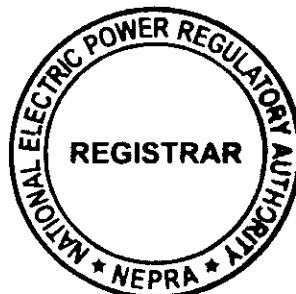
NO. SGC/007/2001

In pursuance of Regulation 10(11) of NEPRA Licensing (Application and Modification Procedure) Regulation 1999, the National Electric Power Regulatory Authority (NEPRA) hereby approves the Licensee's proposed modification of M/s Kohinoor Weaving Mills Limited by modifying Schedule-I and Schedule-II of the Licence to the extent provided in Annexure-I and Annexure-II respectively.

Given under my hand this 28th day of August two thousand and SIX and expires on 07th day of December, two thousand and sixteen.



Registrar



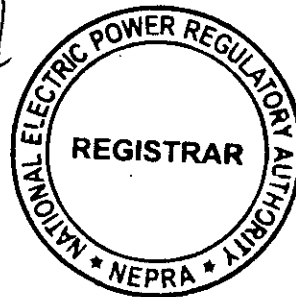
Modification to Schedule – I

of

**Generation Licence No.
SGC/007/2001**

In the name of

**Kohinoor Weaving Mills
Limited**



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Annex-I

Modification to Schedule I of the Licence no. SGC/007/2001

PLANT DETAILS

Plant Configuration

The plant configuration given at items 5.a to 5.f is hereby replaced in its entirety with following:

5. Plant Configuration

- a. Plant size 25.38 MW
- b. Type of Technology Diesel Generators and Gas Generator
- c. Number of Units Four (04)
- d. Unit Size 5.96 x 3 + 7.5 = 25.38 MW
- e. Unit Make and Model
Unit # 1: Nigata 18 V 32 CLX 1996
Unit # 2: Nigata 18 V 32 CLX 1995
Unit # 3: Nigata 18 V 32 CLX 1995
Unit # 4: TURBOMACH TBM-T 70 2005
Generator LEROY SOMER LSA 56 BMBL 13-4P
- f. Date of Commissioning
Unit # 1: 1997
Unit # 2: 1996
Unit # 3: 1996
Unit # 4: 2005

6. Fuel Use

The fuel used given at items 6.a and 6.c to 6.d are hereby respectively deleted and replaced in their entirety with following:

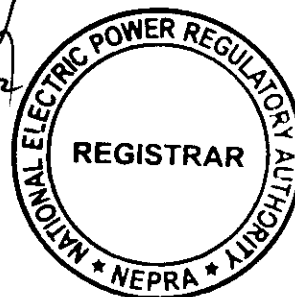
- a. Fuel Type For unit # 1-3: HFO / HSD and
For unit # 4: Gas / HSD
- c. Fuel Supplier PSO, Total and SNGPL
- d. Supply Arrangement HFO and HSD through Road and tanker
Gas through Pipeline

9. Installed Capacity:

The Installed Capacity is hereby modified from 26.12 MW to 25.38 MW

10. Derated Capacity:

The Derated Capacity is hereby modified from 26.12 MW to 25.38 MW



Project Cost

The project cost given at items 14.a to 14.c has been replaced in its entirety with following:


Nigata Cost:	Initial in 1996	1 st Expansion in 1997	Total
a. Equity	287,387	56,595	343,982
b. Debt	-----	119,672	119,672
c. Nigata Project Cost (Rs)	287,387	176,267	463,654
Gas Turbine Cost:	Initial in 2005		
a. Equity	126000		
b. Debt	164000		
c. Gas Turbine Total Cost (Rs)	290000		
Total Project Cost (Rs)	463654 + 290000 = 753654/-		

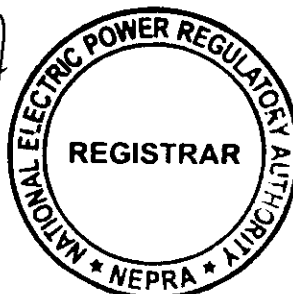
SPP Licence – Proforma for Information regarding Distribution issues

PART – A

The net-work facts given at items “B to E” of Part A has been replaced in its entirety with following:

- B. Length of Each Feeder (meter)
- | | |
|----------------|-----|
| Feeder No. 1: | 315 |
| Feeder No. 2 : | 200 |
| Feeder No. 3 : | 225 |
| Feeder No. 4 | 545 |
-
- C. Length of Each Feeder to Each Consumer
- | | |
|-------------------------------|-------------------|
| <u>Feeder No. 1</u> | |
| KRML: | 315 meters |
| <u>Feeder No. 2</u> | |
| KWML (expansion): | 200 meters |
| <u>Feeder No. 3</u> | |
| KWML (Dying Division): | 225 meters |
| <u>Feeder No. 4</u> | |
| KWML (unit # 2): | 545 meters |
-
- D. 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 customer's premises, and whether they crossover or pass near the DISCO lines.
- | | |
|---|--|
| <u>Feeder No. 1</u> | |
| For KRML | |
| KGL & consumer located adjacently | |
| <u>Feeder No. 2</u> | |
| KWML (expansion) | |
| (self – within boundary) | |
| <u>Feeder No. 3</u> | |
| KWML (Dying Division) | |
| (self – within boundary) | |
| <u>Feeder No. 4</u> | |
| KWML (unit # 2) | |
| (Different Location) Across Public Road | |

69  16



- | | |
|---|--|
| E. Whether owned by SPP Consumer or DISCO -(deal with each Feeder separately) | <u>Feeder No. 1-4</u>
Owned by KWML |
| - If owned by DISCO, please furnish particulars of contractual arrangement | N.A |
| - Operation and maintenance responsibility for each feeder | <u>Feeder No. 1-4</u>
Operation and Maintenance by KWML |

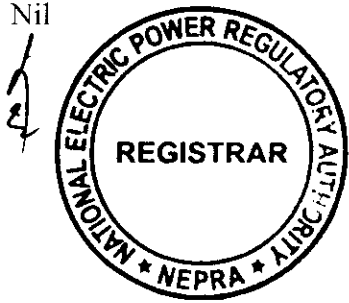
SPP Licence – Proforma for Information regarding Distribution issues
PART – B

The consumption facts given at items “A to G including the MAP” of Part B has been replaced in its entirety with following:

- | | | | |
|---|---|----------------------------------|------------------------------|
| A. No. of Consumers | 01 Consumers | | |
| B. Location of consumers (distance and/or identity of premises)Length of Each Feeder | As per attached MAP
Kohinoor Raiwind Mills Ltd. (KRML) –
Affiliated Consumer 8 th Km, Raiwind Manga
Road, District Kasur

315 meter | | |
| C: Contracted Capacity and Load Factor for each consumer | | <u>Sanctioned</u>
<u>Load</u> | <u>Load</u>
<u>Factor</u> |
| | KRML | 3.76 MW | variable |
| D. Specify Whether | | | |
| i) The consumer is an Associated undertaking of the SPP*- If yes, specify percentage ownership of equity; | Yes 21.47 % | | |
| ii) There are common directorships: | Yes | | |
| iii) Either can exercise influence or control over the other. | Yes | | |
| E. Specify nature of contractual Relationship | | | |
| i) Between each consumer and Kohinoor Weaving Mills Ltd. | Firm supply of electricity on continuous basis | | |
| ii) Each consumer and host DISCO. | Nil | | |

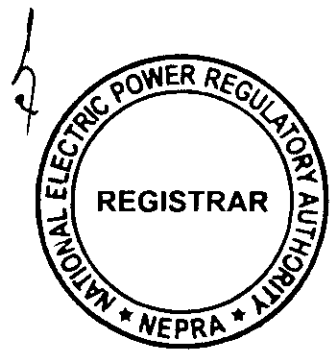
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F. Capacity originally sanctioned by Provincial Government- If subsequently enhanced, evidence of permission for enhancement.	Original Capacity	12 MW
	Additional Capacity Allowed	24 MW
	Total Capacity Allowed	36 MW

G. Tariff arrangement and particulars with WAPDA/Provincial Government. As per NEPRA Rs.4.0/KWH

[Handwritten signatures and initials]



Modification to Schedule – II

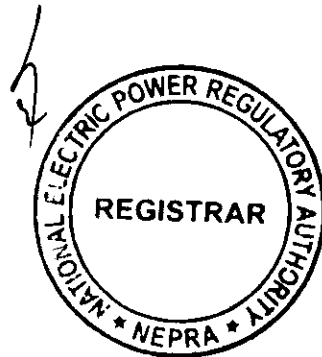
of

**Generation Licence No.
SGC/007/2001**

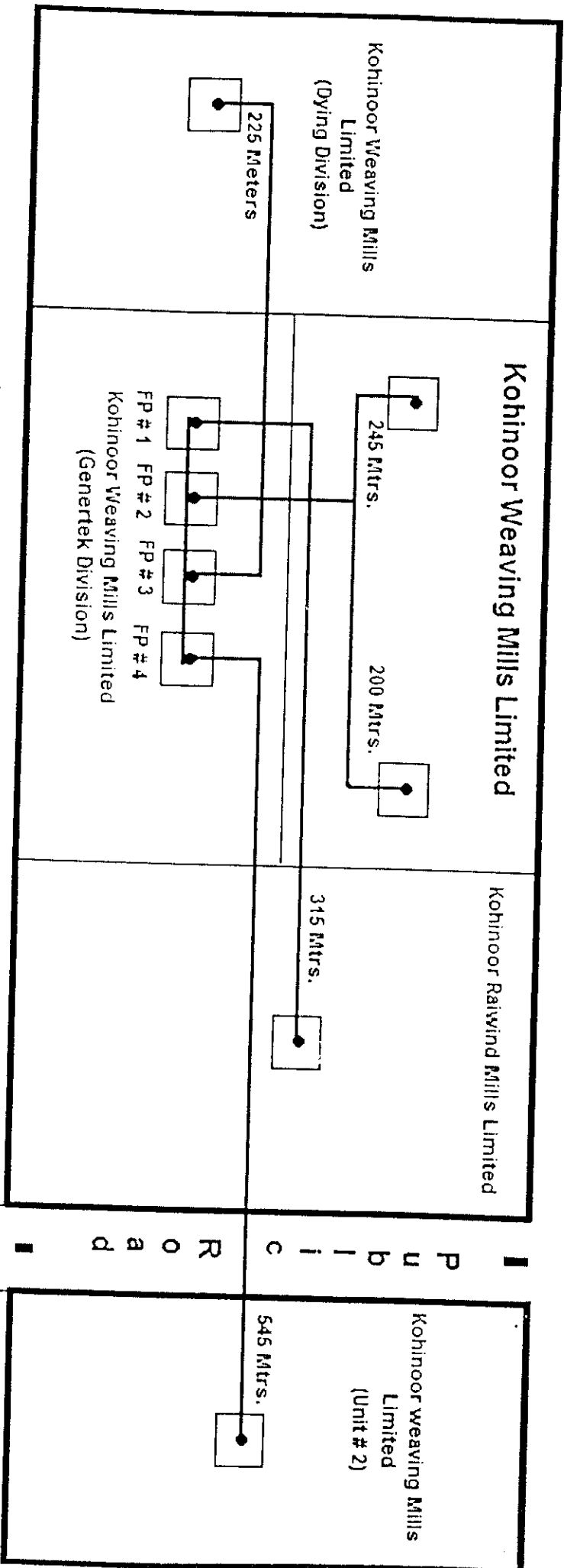
In the name of

**Kohinoor Weaving Mills
Limited**

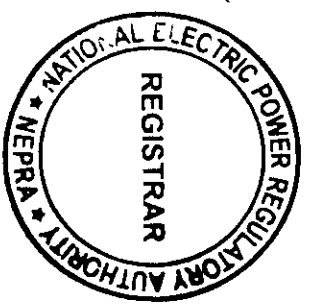
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----- Raivind To Manga Public Road -----



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 2
 5



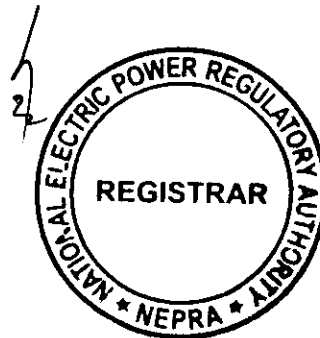
Annex-II

Modification to Schedule II of the Licence no. SGC/007/2001

The Schedule-II of the Licence No. SGC/007/2001 is hereby replaced in its entirety with the following:

Gross Installed Capacity (MW)	25.38 MW
De-rated Capacity (MW)	25.38 MW
Auxiliary Consumption (MW)	0.48 MW (4251300 KWH) during 2005
Net Capacity of the Plant (MW)	24.90 MW

[Handwritten signatures and initials]



**Authorization by National Electric Power Regulatory Authority
To
M/s Kohinoor Weaving Mills Limited**

Incorporated under the Company Ordinance, 1984
Under Certificate of Incorporation No. L 06036

NEPRA GENERATION LICENCE NO.SGC/007/2001


**For
Sale to Bulk Power Consumers**

MODIFIED

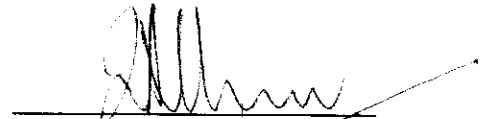
Pursuant to Section 22 of the Act and Rule 7 of the NEPRA Licensing (Generation) Rules – 2000, the Authority hereby authorizes M/s Kohinoor Weaving Mills Limited (Licensee) to engage in second-tier supply business, limited to the following consumers also mentioned in Schedule I of Generation Licence No. SGC/007/2001. Earlier authorization granted for nine consumers is hereby cancelled and replaced with the following one consumer.

8th KM Manga Raiwind Road, Distt. Kasur

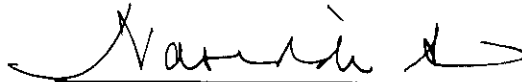
1. Kohinoor Raiwind Mills Ltd. 8th KM Raiwind Manga Road, Distt. Kasur.



(Abdul Rahim Khan)
Member



(Zafar Ali Khan)
Member



(Nasiruddin Ahmed)
Member
(Acting Chairman)





53

National Electric Power Regulatory Authority
Islamic Republic of Pakistan

2nd Floor, OPF Building, G-5/2, Islamabad.

Ph : 9207200, Fax : 9210215

E-mail : office@nepra.org.pk

Direct Phone : (051) 9206500

No. NEPRA/R.LAG-53/12016

01-3-2005

Mr. Khalid Asghar
General Manager
Kohinoor Weaving Mills Limited
42 Lawrence Road
Lahore


Subject: **Generation Licence No.SGC/007/2001**

This is with reference to the earlier letters of Kohinoor Genertek Limited for their application for approval to undertake a merger with Kohinoor Weaving Mills Limited (through M/s Az Zaman, Advocates and Legal Consultants). The Authority has approved the merger and allowed the name of Kohinoor Weaving Mills Limited to be substituted in the Generation Licence No.SGC/007/2001 granted to Kohinoor Genertek Limited on 08 December 2001. From now on all references to Kohinoor Genertek Ltd. shall be read as Kohinoor Weaving Mills Ltd.

Enclosed herewith is the 'Face Sheet' of the Generation Licence with your name substituted along with a 'Second Tier Supply Authorization' to reflect the position after merger.

Please note that for any changes to the bulk power consumers as listed in the Second Tier Supply Authorization, Kohinoor Weaving Mills Limited shall apply to the Authority for modification in their licence according to NEPRA's Licensing (Application and Modification Procedure) Regulations, 1999.

DA/As above.


4-4, 03.05.
(Mahjoob Ahmad Mirza)

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

GENERATION LICENCE

NO. SGC/007/2001

In exercise of the powers conferred on the National Electric Power Regulatory Authority under Section 15 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), the Authority hereby grants a Licence to

M/s Kohinoor Weaving Mills Limited
(Installed Capacity: 26.12 MW)

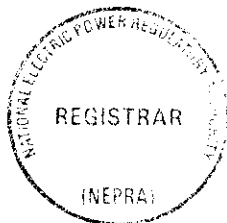
Incorporated under the Companies Ordinance, 1984
Under Certificate of Incorporation

No. L-06036 of 28th February, 1993

to engage in the generation business subject to and in accordance with the Article of this Licence.

Given under my hand this 1st day of March two thousand and five, and expires on 7th day of December, Two Thousand & Sixteen.

9/5/05
1.03.05
Registrar



h

**Authorization by National Electric Power Regulatory Authority
To
M/s Kohinoor Weaving Mills Limited**

Incorporated under the Company Ordinance, 1984
Under Certificate of Incorporation No. L 06036

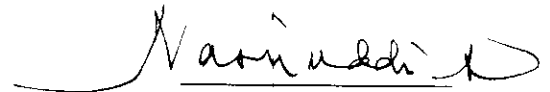
NEPRA GENERATION LICENCE NO.SGC/007/2001
For
Sale to Bulk Power Consumers

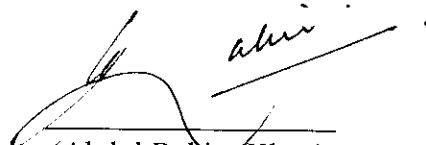
Pursuant to Section 22 of the Act and Rule 7 of the NEPRA Licensing (Generation) Rules – 2000, the Authority hereby authorizes M/s Kohinoor Weaving Mills Limited (Licensee) to engage in second-tier supply business, limited to the following consumers ~~also~~ mentioned in Schedule I of Generation Licence No. SGC/007/2001.

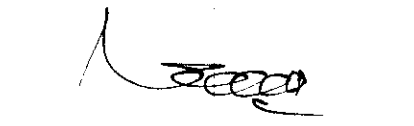
8th KM Manga Raiwind Road, Distt. Kasur

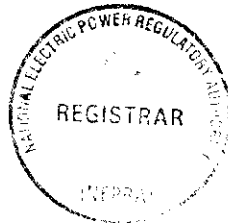
1. Kohinoor Raiwind Mills Ltd. 8th KM Raiwind Manga Road, Distt. Kasur.
2. Samin Textile Mills Ltd. 8th KM Raiwind Manga Road, Distt. Kasur.
3. Artal Poultry International, 6th KM Raiwind Manga Road, Distt. Kasur.
4. Mayfair Spinning, 4th KM Raiwind Manga Road, Distt. Kasur.
5. Hi-Tech Spinning Mills, Chak No. 65, Raiwind Manga Road, Distt. Kasur.
6. Ruby, 4th KM Raiwind Manga Road, Distt. Kasur.
7. Riaz-ud-Din, 5th KM Raiwind Manga Road, Distt. Kasur.
8. Arfeen Industries Ltd. 5th KM Raiwind Manga Road, Distt. Kasur.


(Fazullah Qureshi)
Member


(Nasiruddin Ahmed)
Member


(Abdul Rahim Khan)
Member


(Lt Gen (R) Saeed uz Zafar)
Chairman





National Electric Power Regulatory Authority
Islamic Republic of Pakistan

Registrar

2nd Floor, OPF Building, G-5/2, Islamabad.
Ph : 9207200 Ext : 330 — Fax : 9210215
E-mail : office@nepra.isb.sdnpk.org
Direct Phone : (051) 9206500

No. RI 10-1-03.023/253

December 8, 2001

Group General Manager (Power),
Kohinoor Genertek Ltd.
42 – Lawrence Road,
Lahore
Tele: 042 – 6302261-62
Fax: 042 – 6368721

Subject: **Grant of Generation Licence**
Licence Application No. RI 10-1-03.023
M/s. Kohinoor Genertek Ltd.


Please refer to your application dated May 25, 2000 to NEPRA for a Generation Licence.

Enclosed here is Generation Licence No. SGC/007/2001 granted by the Authority to M/s Kohinoor Genertek Ltd. The Licence is granted to you pursuant to Section 15 of the Regulation of Generation, Transmission and Distribution of Electric Power Act (XL of 1997).

Also enclosed here is the 'Authorization' pursuant to Section 22 of the Act and Rule 7 of NEPRA Licensing (Generation) Rules - 2000 for sale to bulk power consumers.

Please quote above mentioned Generation Licence No. in your future correspondence with the Authority.



o/c 
8.12.01
(Mahjoob Ahmad Mirza)

Copy for information to Director General, Pakistan Environmental Protection Agency, 44-E, Office Tower, Blue Area, Islamabad.

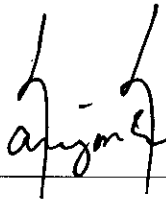
NATIONAL ELECTRICITY POWR REGULATORY AUTHORITY

GENERATION LICENCE NO. SGC/007 /2001

In exercise of the powers conferred on the National Electric Power Regulatory Authority under Section 15 of the Regulation of Generation, Transmission and Distribution of Electric Power Act , 1997 (XL of 1997), the Authority hereby grants a Licence to

Kohinoor Genertek Limited incorporated under the
Companies Ordinance, 1984
under Certificate of Incorporation No. L 06036 dated 28th February 1993.

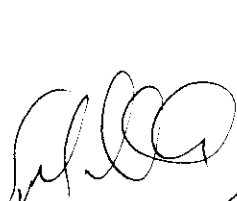
to engage in the generation business for delivery and sale to the consumers mentioned in schedule I subject to and in accordance with the terms and conditions of the Licence.
Issued under my hand at Islamabad this 8th day of December two thousand and one.

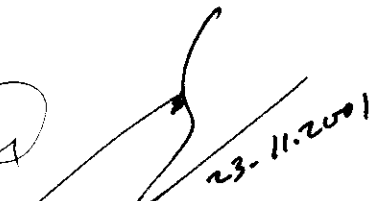

8.12.01

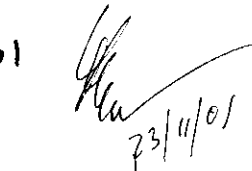
Signed

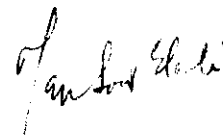


Date: 08.12.2001


23-11-01


23-11-2001


23/11/01


23/11/01

Article 1
Application of Rules

Save as expressly provided otherwise, the provisions of the National Electric Power Regulatory Authority Licensing (Generation) Rules, 2000 as amended from time to time shall apply to this Licence.

Article 2
Definitions

Unless there is anything repugnant in the subject or context and save as expressly defined hereinafter, words and expressions used in this Licence bear the respective meanings given thereto in the Act or in the Rules.

Article 3
Grant of Licence

- 3.1 The location, size (capacity in MW), technology, interconnection arrangements, technical limits, technical functional specifications and other details specific to the generation facilities of the licensee are set out in Schedule I to this Licence.
- 3.2 The net capacity of the licensee's generation facilities is set out in Schedule II hereto.

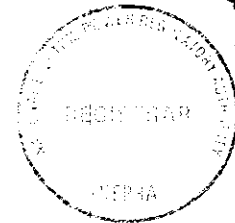
Article 4
Licence fee

After the grant of the generation Licence, the licensee shall pay to the Authority the Licence fee, in the amount and manner and at the time set out in Schedule III .

Article 5
Term and renewal of Licence

This Licence is granted for a term of 15 years.

W/23-11
23-11-2011
23.11.01
Vaid



**Article 6
Tariff**

The licensee shall charge from its consumers only such tariff which is either approved or specified by the Authority.

**Article 7
Distribution facilities of licensee.**

The licensee may hand over ownership and control of its distribution facilities to the DISCO in whose service territory the licensee is operating on terms and conditions as approved by NEPRA; in the event, it wishes to retain ownership and control of its distribution facilities, it shall apply for a distribution licence within one month from the grant of this generation Licence, in accordance with the relevant NEPRA rules.

**Article 8
Connection to transmission system,
Compliance with Grid code,
Pooling and settlement arrangement**

Rule 10 of the Rules shall apply only to those SPPs whose generation facilities are connected directly or indirectly at voltage of 132 kV or above


**Article 9
Generating Capacity Reserve Requirements**

The installed generating capacity of the licensee shall not fall below 85% of the connected load and generating capacity of the largest installed unit at the time of application for generation Licence.

**Article 10
Compliance with Performance Standards**

The licensee shall conform to the relevant NEPRA rules on Performance Standards as may be prescribed by the Authority from time to time.

V 25-11
23-11-2001
[Handwritten signatures and initials]



Article 11
Compliance with Environmental Standards

The licensee shall conform to the environmental standards as may be prescribed by the relevant competent authority.

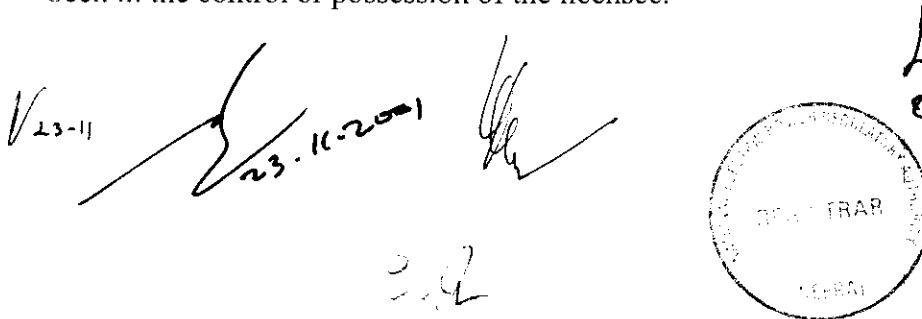
Article 12
Maintenance of record

- 12.1 The licensee shall keep complete and accurate record and the data in respect of all aspects of the generation business and the second-tier supply business, in their original as well as in electronic form.
- 12.2 Without prejudice to the provisions of sub-rule 15(3) of the Rules, unless provided otherwise under the law or the applicable documents, all record and data shall be maintained for a period of five years after the creation of such record or data. The licensee shall not destroy or dispose off any such record or data after the aforesaid period without thirty days prior written notice to the Authority. The licensee shall also not dispose off or destroy any record or data which the Authority directs the licensee to preserve.
- 12.3 All record and data maintained in an electronic form shall, subject to just claims of confidentiality, be accessible to the staff authorized by the Authority.

Article 13
Provision of information

- 13.1 The obligation of the licensee to provide information to the Authority shall be in accordance with Section 44 of the Act .
- 13.2 The licensee shall be subject to such penalties as may be specified in the relevant rules 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 ought to be or have been in the control or possession of the licensee.

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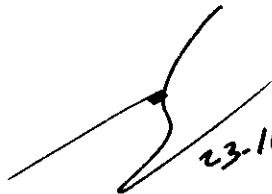



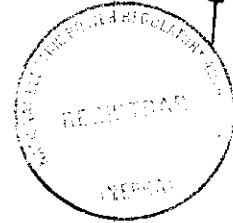
The image shows handwritten signatures and a circular official stamp. The stamp is from the 'DEPT. TRAR' (Department of Trade and Revenue) and contains the text 'GOVERNMENT OF PUNJAB' and 'LUDHIANA'. There are also some handwritten numbers and dates, including '23-11' and '23.11.2011'.

SCHEDULE-I

- The location, size (capacity in MW) technology interconnection arrangements, technical limits technical functional specifications and other details specific to the generation facilities of the licensee

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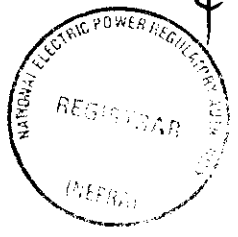
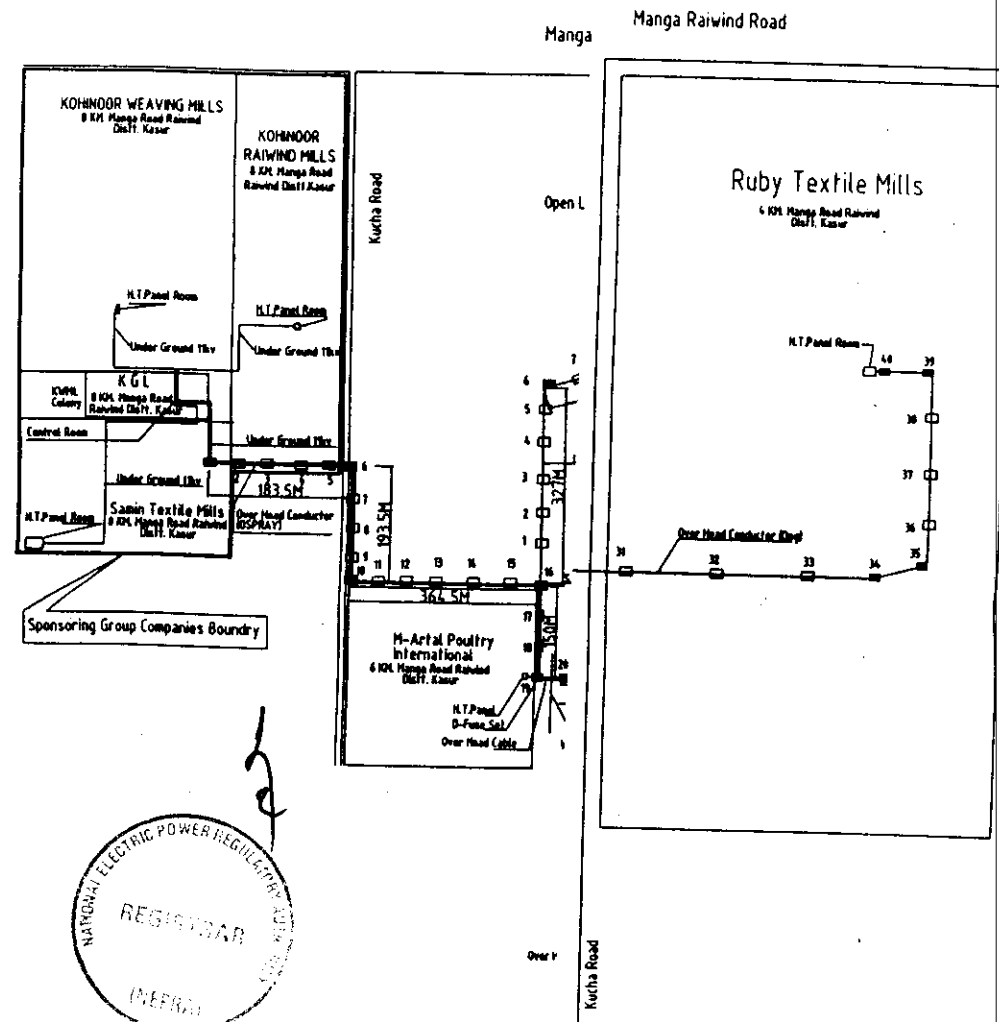

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12.2



Generation Licence
 Kohinoor Genco Pvt. Ltd
 8th Km Manga Raiwind Road Distt Kasur

ERTEK LIMITED KOHINOOR TRANSMISSION PLAN & LAYOUT

To Multan Road (Hanga Mandi) 12KM To Raiwind 8KM



NOTE (Under Ground HT Cables)
 Control Room to Pole No. 1 Cable Length 300M
 Kohinoor Raiwind Mills 315M
 Kohinoor Weaving Mills 245M
 Samin Textiles Ltd 510M

Legend

- Under Ground Cable Crossing
- Over Head Cable Crossing
- Run Through Pole
- Dead Pole
- Wapda Lines

SCALE
 1cm = 125Meters

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 23/11/2001

PLANT DETAILS



- | | | |
|----|--------------------------|---|
| 1. | Name of Applicant | Kohinoor Genertek Limited |
| 2. | Registered Office | 42-Lawrence Road, Lahore |
| 3. | Plant Location | 8 th Km Manga Raiwind Road, Distt. Kasur |
| 4. | Type of Facility | Thermal Generation |

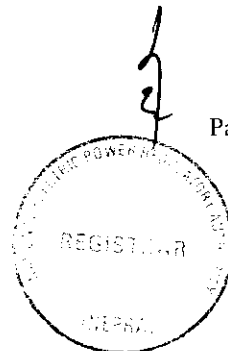
Plant Configuration

- | | | | | |
|-----|-----------------------|---|---|------------------|
| 5.a | Plant size | 26.12 MW | | |
| 5.b | Type of Technology | Diesel Electric | | |
| 5.c | Number of Units | 3 (Three) | 7 (Seven) | 1 (One) |
| 5.d | Unit Size | 5.96 MW | 1.02 MW | 1.10 MW |
| 5.e | Unit Make and Model | Nigata 18 V 32
CLX
Unit-1: 1996
Unit 2&3: 1995 | CAT 3512
Unit 1-6: 1993
Unit 7 : 1989 | CAT 3512
1990 |
| 5.f | Date of Commissioning | Unit 1 in 1997
Units 2-3 in 1996 | Units 1-3 1993
Units 4-6 1994
Unit 7 1990 | 1993 |

Fuel Use

- | | | | |
|------|-----------------------------|---------------------------------|--------------|
| 6.a. | Fuel Type | HFO | Diesel |
| 6.b | Fuel (imported/ indigenous) | Both, depending on availability | |
| 6.c | Fuel Supplier | PSO | PSO |
| 6.d | Supply Agreement | Road /Tankers | Road/Tankers |
| 6.e | No. of Tanks | 2 (Two) | |
| 6.f | Storage Capacity/Tank | 2000 Tons/Tank | |
| 6.g | Gross Storage | 4000 Tons | |



Emission Values

7.a	SOx	818 ppm
7.b	Nox	1200 ppm
7.c	CO	Not Applicable
8.	Cooling Water Source	Tubewell
9.	Installed Capacity	26.12 MW
10.	Derated Capacity	26.12 MW
11.	Expected Remaining Life of the Facility	Twenty one years
12.	Operational Record	Given as in Section 16 of the Licence Application

Ancillary Services

13.a	Energy Imbalance Services	10%
13.b	Spinning Reserve Service	45%

Project Cost
(Thousand Rs.)

	Initial in 1996	Ist Expansion in 1997	Total	
14.a	Equity	287,387.00	56,595.00	343,982.00
14.b	Debt	-	119,672.00	119,672.00
14.c	Total Project Cost	287,387.00	176,267.00	463,654.00

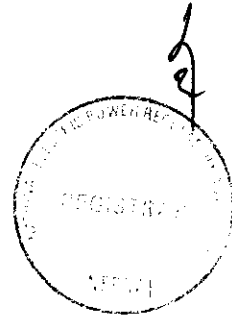
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Plant Characteristics

15.a	Generation Voltage	11000 V
15.b	Frequency	50 Hz
15.c	Power Factor	0.80 lagging
15.d	Automatic Generation Control	Provided
15.e	Ramping Rate	1.0% per Second
15.f	Alternative Fuel	Light Diesel Oil
15.g	Auxiliary Consumption	3,676,080 kWh during 1999
15.h	Time Required to Synchronize to Grid	Not Applicable since not connected to LESCO Grid

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KOHINOOR GENERTEK LIMITED (Raiwind)

SPP Licenses - Proforma for information regarding distribution issues

Generation Licence

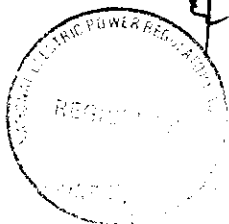
Kohinoor Genertek Limited

8th KM Manga Raiwind Road, Distt. Kasur

PART "A"

Network Facts*	Please Use Additional Sheets If Necessary																												
A No. of Feeders	4																												
B Length of Each Feeder	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 40%;">Feeder No. 1</td><td style="text-align: right;">0.56 Km Approx.</td></tr> <tr><td>Feeder No. 2</td><td style="text-align: right;">9.87 Km Approx.</td></tr> <tr><td>Feeder No. 3</td><td style="text-align: right;">0.71 Km Approx.</td></tr> <tr><td>Feeder No. 4</td><td style="text-align: right;">3.77 Km Approx.</td></tr> </table>	Feeder No. 1	0.56 Km Approx.	Feeder No. 2	9.87 Km Approx.	Feeder No. 3	0.71 Km Approx.	Feeder No. 4	3.77 Km Approx.																				
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Feeder No. 3	0.71 Km Approx.																												
Feeder No. 4	3.77 Km Approx.																												
C LENGTH OF EACH FEEDER TO EACH CONSUMER	<table style="width: 100%; border-collapse: collapse;"> <tr><td colspan="2"><u>Feeder No. 1</u></td></tr> <tr><td>KWML</td><td style="text-align: right;">0.25 Km Approx.</td></tr> <tr><td>KRML</td><td style="text-align: right;">0.32 Km Approx.</td></tr> <tr><td colspan="2"><u>Feeder No. 2</u></td></tr> <tr><td>ARTAL</td><td style="text-align: right;">1.19 Km Approx.</td></tr> <tr><td>RIAZ UD DIN</td><td style="text-align: right;">2.50 Km Approx.</td></tr> <tr><td>ARFEEN</td><td style="text-align: right;">2.45 Km Approx.</td></tr> <tr><td>RUBY</td><td style="text-align: right;">3.72 Km Approx.</td></tr> <tr><td colspan="2"><u>Feeder No. 3</u></td></tr> <tr><td>STL</td><td style="text-align: right;">0.51 Km Approx.</td></tr> <tr><td>KWML (Exp.)</td><td style="text-align: right;">0.20 Km Approx.</td></tr> <tr><td colspan="2"><u>Feeder No. 4</u></td></tr> <tr><td>MAYFAIR</td><td style="text-align: right;">1.61 Km Approx.</td></tr> <tr><td>HI-TECH</td><td style="text-align: right;">2.15 Km Approx.</td></tr> </table>	<u>Feeder No. 1</u>		KWML	0.25 Km Approx.	KRML	0.32 Km Approx.	<u>Feeder No. 2</u>		ARTAL	1.19 Km Approx.	RIAZ UD DIN	2.50 Km Approx.	ARFEEN	2.45 Km Approx.	RUBY	3.72 Km Approx.	<u>Feeder No. 3</u>		STL	0.51 Km Approx.	KWML (Exp.)	0.20 Km Approx.	<u>Feeder No. 4</u>		MAYFAIR	1.61 Km Approx.	HI-TECH	2.15 Km Approx.
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HI-TECH	2.15 Km Approx.																												
D 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 customer's premises, and whether they cross-over or pass near the DISCO lines.	<table style="width: 100%; border-collapse: collapse;"> <tr><td colspan="2"><u>Feeder No. 1</u></td></tr> <tr><td colspan="2">For KWML & KRML</td></tr> <tr><td colspan="2">KGL & Consumer located adjacently,</td></tr> <tr><td colspan="2">therefore private property</td></tr> <tr><td colspan="2"><u>Feeder No. 2</u></td></tr> <tr><td colspan="2">Consumer Owned Property, Other</td></tr> <tr><td colspan="2">Privately Owned Property</td></tr> <tr><td colspan="2">Road Crossing, LESCO Line crossing,</td></tr> <tr><td colspan="2">Drain Crossing</td></tr> </table>	<u>Feeder No. 1</u>		For KWML & KRML		KGL & Consumer located adjacently,		therefore private property		<u>Feeder No. 2</u>		Consumer Owned Property, Other		Privately Owned Property		Road Crossing, LESCO Line crossing,		Drain Crossing											
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Drain Crossing																													

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		<p><u>Feeder No. 3</u> KGL & Consumer located adjacently, therefore private property</p> <p><u>Feeder No. 4</u> Consumer Owned Property, Other Privately Owned Property Road Crossing, LESCO Line crossing</p>
E	<p>Whether owned by SPP, consumer or DISCO-(deal with each feeder separately)</p> <p>- If owned by DISCO, please furnish particulars of contractual agreement</p> <p>- Operation and maintenance responsibility for each feeder.</p>	<p><u>Feeder No. 1-4</u> Owned by KGL</p> <p>N.A.</p> <p><u>Feeder No. 1-4</u> Operation & Maintenance by KGL</p>
F	<p>Whether connection with DISCO's network exists (whether active or not)</p> <p>If yes, provide details of connection arrangements (both technical and contractual)</p>	N.A.
	<p>Any other network information deemed relevant for disclosure to or consideration by NEPRA</p>	N.A.

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KOHINOOR GENERTEK LIMITED (Raiwind)
SPP Licenses - Proforma for information regarding distribution issues

Generation Licence
 Kohinoor Genertek Limited
 8th KM Manga Raiwind Road, Distt. Kasur

PART "B"

Consumption Facts	Please Use Additional Sheets If Necessary
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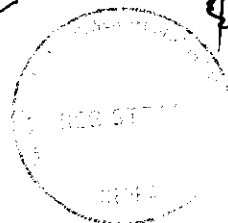
A	No. of consumers	09 Consumers
B	Location of consumers (distance and/or identity of premises)	<p align="center">As per attached MAP</p> <p><u>Kohinoor Raiwind Mills Ltd. (KRM)</u> - Affiliated Consumer 8th Km Raiwind Manga Road, District Kasur.</p> <p><u>Kohinoor Weaving Mills Ltd. (KW)</u> - Affiliated Consumer 8th Km Raiwind Manga Road, District Kasur.</p> <p><u>Samin Textile Mills Ltd. (STL)</u> - Affiliated Consumer 8th Km Raiwind Manga Road, District Kasur.</p> <p><u>Artal Poultry International</u> 6th Km Raiwind Manga Road, District Kasur.</p> <p><u>Mayfair Spinning</u> 4th Km Raiwind Manga Road, District Kasur.</p> <p><u>Hi-Tech Spinning Mills</u> Chak No. 65, Raiwind Manga Road, District Kasur</p> <p><u>Ruby</u> 4th Km Raiwind Manga Road, District Kasur.</p> <p><u>Riaz-ud-Din</u> 5th Km Raiwind Manga, District Kasur.</p> <p><u>Arfeen Industries Ltd.</u> 5th Km Raiwind Manga, District Kasur.</p>

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Contracted Capacity and load factor for each consumer	Sanctioned			Load
		Load		Factor
	KRML	1.50 MW		Variable
	KWML	3.20 MW		Variable
	STL	1.60 MW		Variable
	ARTAL	0.40 MW		Variable
	MAY FAIR	3.00 MW		Variable
	HI- TECH	0.30 MW		Variable
	RUBY	1.70 MW		Variable
	RIAZ-UD-D	0.30 MW		Variable
	ARFEEN	0.13 MW		Variable
D Specify whether	<u>KRML</u>	<u>KWML</u>	<u>STL</u>	Artal, Mayfair, Hi-Tech, Ruby, Riaz-Ud-Din, Arfeen Industris Ltd.
i) The consumer is an associated undertaking of the SPP* - if yes, specify percentage ownership of equity.	Yes 21.47%	Yes 21.50%	Yes 13.23%	No
ii) There are common directorship.	Yes	Yes	Yes	No
iii) Either can exercise influence or control over the other.	Yes	Yes	Yes	No
E Specify nature of contractual relationship	KRML, KWML, STL, ARTAL, MAYFAIR, HI-TECH, RUBY ARFEEN			RIAZ-UD-DIN
i) Between each consumer and the SPP; and	Firm supply of electricity on continuous basis			Firm supply of electricity on continuous basis
ii) Each Consumer and host DISCO	NIL			Riaz-ud-Din - B2 Connection
F Capacity originally sanctioned by Provincial Government - If subsequently enhanced, evidence of permissions for enhancement.	Original Capacity			12 MW
	Additional Capacity Allowed			24 MW
	Total capacity Allowed			36 MW (Sanction Attached)
G Tariff arrangement and particulars with WAPDA/Provincial Government	As per Provincial Govt. approval & same as WAPDA.			

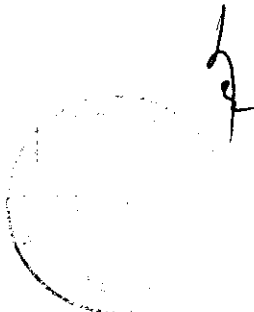
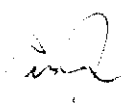
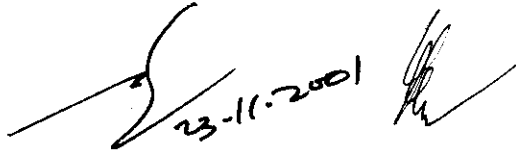


SCHEDULE -II

- The net capacity of the licensee's generation facilities

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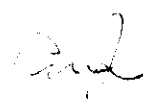
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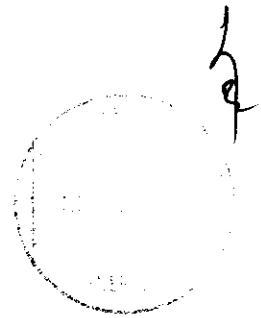


SCHEDULE II

GROSS CAPACITY (MW)	26.12 MW
DERATED CAPACITY	26.12 MW
NET CAPACITY (MW)	25.31 MW

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SCHEDULE - III

- LICENCE FEE (Annual)

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with



SCHEDULE-III

PART I

Licence Fees (Annual)

1. Generation Licence

Fee will be calculated at the rate of Rs.6200 per MW on the basis of gross (ISO) MW capacity of the licensed generation facility.

PART II

**Terms of payment of fee by the Generation,
Transmission and Distribution Licensees**

- I) The fee for the generation licences specified in this schedule shall be paid on a recurring basis in respect of each financial year by the licensee for the term of the licence (hereinafter referred to as the "annual licence fee")
- II) The annual licence fee in respect of any financial year shall be paid in advance within thirty days of the expiry of the preceding financial year, provided that, the annual licence fee for the first financial year shall be paid within thirty days of the date of grant of the licence and shall be prorated for the number of months remaining before the expiry of the financial year in which the licence is granted.
- III) In case of generation licences, the Gross (ISO) MW capacity for which the generation licence is granted shall form the basis for the calculation of the annual licence fee.

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PART III

Indexation of Fees

- I) Any and all fees payable pursuant to the relevant rules shall be indexed to the Consumer Price Index ("CPI") published from time to time by the Federal Bureau of Statistics.
- II) The indexation shall be done on the basis of the most recent CPI prevailing on the date of payment of the fees and shall be increased or decreased, as the case may be, in accordance with the following formula:

$$F_{pd} = F_t [CPI_{pd} / CPI_{rd}]$$

Where


F_{pd} = The actual fee payable on the date of payment

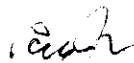
F_t = The respective fee set out in Part I of this schedule.

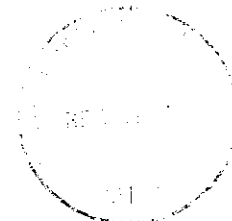
CPI_{pd} = The most recent CPI prevalent on the last day of the month immediately preceding the month in which the payment is due.

CPI_{rd} = The reference or base CPI, prevalent on the last day of the month in which these rules are notified in the official gazette.

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**Authorization by National Electric Power Regulatory Authority
To
M/s Kohinoor Genertek Limited**


incorporated under the Companies Ordinance, 1984
under Certificate of Incorporation No. L 06036


**NEPRA GENERATION LICENCE NO.SGC/007 /2001
For
Sale to Bulk Power Consumers**


Pursuant to Section 22 of the Act and Rule 7 of the NEPRA Licensing (Generation) Rules – 2000, the Authority hereby authorizes M/s Kohinoor Genertek Limited (Licensee) to engage in second-tier supply business, limited to the following consumers also mentioned in Schedule I of Generation Licence No.SGC/007 /2001.


8th KM Manga Raiwind Road, Distt. Kasur

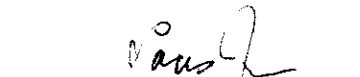
01. Kohinoor Raiwind Mills Ltd, 8th KM Raiwind Manga Road, Distt. Kasur.
02. Kohinoor Weaving Mills Ltd , 8th KM Raiwind Manga Road, Distt. Kasur.
03. Samin Textile Mills Ltd , 8th KM Raiwind Manga Road, Distt. Kasur.
04. Artal Poultry International, 6th KM Raiwind Manga Road, Distt. Kasur.
05. Mayfair Spinning, 4th KM Raiwind Manga Road, Distt. Kasur.
06. Hi-Tech Spinning Mills, Chak No.65, Raiwind Manga Road, Distt. Kasur.
07. Ruby, 4th KM Raiwind Manga Road, Distt. Kasur.
08. Riaz-ud-Din, 5th KM Raiwind Manga Road, Distt. Kasur.
09. Arfcen Industries Ltd., 5th KM Raiwind Manga Road, Distt. Kasur.

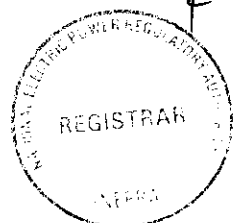

(Abdul Rahim Khan)
Member (T)


(Mansoor Elahi)
Member(P)


(Sardar Muhammad Sharif Khan) 23-11-2001
Member (S)


(Fazlullah Qureshi) 23-11-2001
Vice Chairman


(Justice ® Saad Saood Jan)
Chairman



**Term of the Licence
(Article 5 of the Licence)
Kohinoor Genertek Limited**

The rule 5 of the Licensing (Generation) Rules - 2000 stipulates that the term of Licence shall be commensurate with the maximum expected useful life of the units comprised in a generation facility demonstrated to the satisfaction of the Authority unless the applicant consents to a shorter period.

Kohinoor Genertek Limited has shown in its application No.KGL/GGMP/DOC/NEPRA/101 dated May 25, 2000 to NEPRA for a Generation Licence, remaining life of its facility as 21 years.

The Licensing Group considers that the Diesel Electric Generators normally have useful life of around 20 years. Since the plants of Kohinoor Genertek Limited were manufactured between 1989 and 1996 and commissioned between 1990 and 1997 therefore the Group recommends that the Licence be issued to Kohinoor Genertek Limited by the Authority for 15 years from the date of grant of Licence by the Authority.

AUTHORITY DECISION

The Authority agrees with the Licensing Group recommendations about the term of Licence. The Licence is granted for a term of 15 years.

Authority

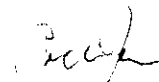
Justice ® Saad Saood Jan, Chairman

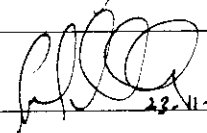
Mr. Fazlullah Qureshi, Vice Chairman

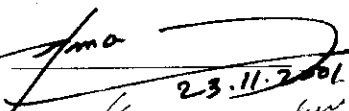
Mr. Mansoor Elahi, Member

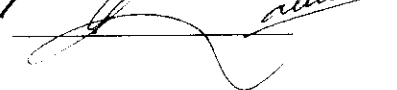
Sardar Muhammad Sharif Khan T. St., Member

Mr. Abdul Rahim Khan, Member





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23.11.2001


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(Article 5 of the Licence)
Kohinoor Genertek Limited**

The rule 5 of the Licensing (Generation) Rules - 2000 stipulates that the term of Licence shall be commensurate with the maximum expected useful life of the units comprised in a generation facility demonstrated to the satisfaction of the Authority unless the applicant consents to a shorter period.

Kohinoor Genertek Limited has shown in its application No.KGL/GGMP/DOC/NEPRA/101 dated May 25, 2000 to NEPRA for a Generation Licence, remaining life of its facility as 21 years.

The Licensing Group considers that the Diesel Electric Generators normally have useful life of around 20 years. Since the plants of Kohinoor Genertek Limited were manufactured between 1989 and 1996 and commissioned between 1990 and 1997 therefore the Group recommends that the Licence be issued to Kohinoor Genertek Limited by the Authority for 15 years from the date of grant of Licence by the Authority.

AUTHORITY DECISION

The Authority agrees with the Licensing Group recommendations about the term of Licence. The Licence is granted for a term of 15 years.

Authority

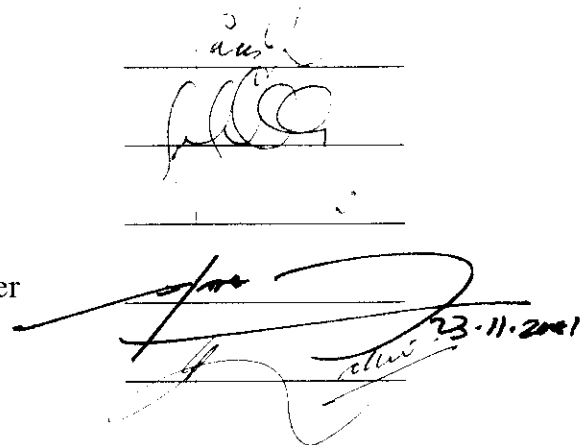
Justice ® Saad Saood Jan, Chairman

Mr. Fazlullah Qureshi, Vice Chairman

Mr. Mansoor Elahi, Member

Sardar Muhammad Sharif Khan T. St., Member

Mr. Abdul Rahim Khan, Member


23-11-2001

Brief for the Authority

Kohinoor Genertek Limited

1. **Type and Plant Location** Diesel Generators at one location
8 Km Manga Raiwind Road, Distt. Kasur

2. **Plant Capacity**
26.12 MW
3 Units 5.96 MW each = 17.88 MW
Unit-1 manufactured in 1996
Commissioned in 1997
Unit 2&3 manufactured in 1995
Commissioned in 1996

7 Units 1.02 MW each = 7.14 MW
Units 1-6 manufactured in 1993
Commissioned in 1993 & 1994
Unit 7 manufactured in 1989
Commissioned in 1990

1 Unit 1.10 MW = 1.10 MW
Manufactured in 1990
Commissioned in 1993

Total = 26.12 MW

3. **Emission Values** Provided

4. **Consumer Statistics**
9 consumers
4 Feeders – Total Length 14.91 Km
Load of Consumers:
 - Kohinoor Raiwind Mills 1.50 MW
 - Kohinoor Weaving Mills 3.20 MW
 - Samin Textile Mill 1.60 MW
 - ARTAL Poultry Intl. 0.40 MW
 - Mayfair Spinning 3.00 MW
 - Hi-Tech. Spinning 0.30 MW
 - Ruby Textile Mills 1.70 MW
 - Riaz-ud-Din Plypack 0.30 MW
 - Arfeen Industries 0.13 MW
 - Total 12.13 MW**

Road Crossings and WAPDA 132 and 11 kV line crossings are involved.

O&M of feeders carried out by Koninoor Genertek Limited

5. **Capacity Requirements:** Meets the Criteria of Article 9 of the Licence (Annex-I)
6. **Whether distribution Licence Required ?** Since Road crossings are involved so distribution licence is required.
7. **Licence Period** Group recommends 15 years

1.	Gross Capacity	3x5.96 MW = 17.88 MW 7x1.02 MW = 7.14 MW 1x1.1 MW = 1.1 MW Total	26.12 MW
2.	Auxiliary Consumption	0.81 MW	
3.	Net Capacity	25.31 MW	
4.(i)	Total Consumer Contracted Load	12.13 MW	
(ii)	85% of Contracted Load	10.31 MW	
5.	Possible Available Generation [(3) – Largest Unit]	19.35 MW	
6.	Short fall in capacity to Meet Load [(4) – (5)]	Nil	
7.	Meets the Criteria in Article 9	Yes	