



**National Electric Power Regulatory Authority**  
Islamic Republic of Pakistan

**Registrar**

2nd Floor, OPF Building, G-5/2, Islamabad.  
Ph : 9207200 Ext : 318 — Fax : 9210215  
E-mail : office@nepra.isb.sdnpk.org  
Direct Phone : (051) 9206500

No. RI 10-1-03.009/1999

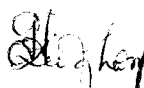
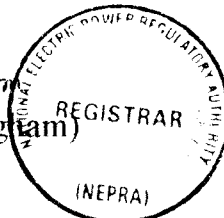
August 27, 2001

Director,  
Sapphire Power Generation Ltd.  
149 Cotton Exchange Building,  
I.I. Chundrigar Road,  
Karachi.  
Fax: 021- 2416705

**Subject: Grant of Genration Licence**  
**Licence Application No. RI 10-1-03.009**  
**Sapphire Power Generation Ltd.**

Please refer to your application dated May 25, 2001 to NEPRA for a Generation Licence.

2. Enclosed here is Generation Licence, No. 002/SGC/2001 granted by the Authority to Sapphire Power Generation 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).
3. 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.
4. Please quote above mentioned Generation Licence No. in your future correspondence with the Authority.

  
(Hussnain Zaig)   
REGISTRAR  
(NEPRA)

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

**NATIONAL ELECTRICITY POWR REGULATORY AUTHORITY**

GENERATION LICENCE NO. 002/SGC/2001

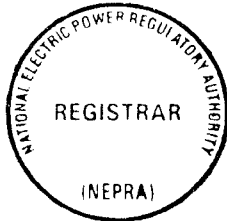
In exercise of the powers conferred on the National Electric Power Regulatory Authority under Section 15 of the Regulation of Generation, Transmission and Distribution of Electric Power Act , 1997 (XL of 1997), the Authority hereby grants a Licence to

Sapphire Power Generation Limited incorporated under the Companies Ordinance, 1984  
under Certificate of Incorporation No.LO6572 dated 15/9/1993

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.

*[Handwritten signature]*

Signed



Date:

August 27, 2001

*[Large handwritten signature]*

**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**

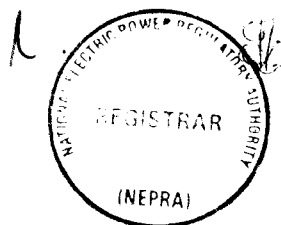

- 3.1 The location , size (capacity in MW) , technology, interconnection arrangements , technical limits, technical functional specifications and other details specific to the generation facilities of the licensee are set out in Schedule I to this licence.
- 3.2 The net capacity of the licensee's generation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



**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**

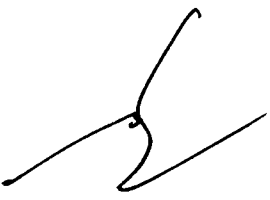



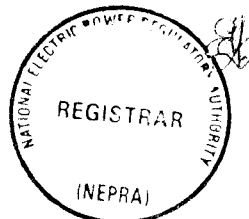
Rule 10 of the Rules shall apply only to those SPPs whose generation facilities are connected directly or indirectly at voltage of 132 kV or above

**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.

**Article 11**  
**Compliance with Environmental Standards**

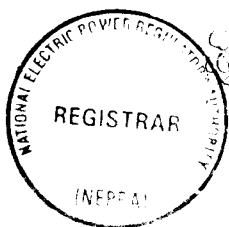

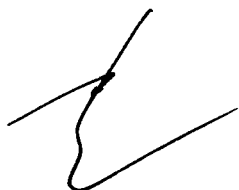
The licensee shall conform to the environmental standards as may be prescribed by the relevant competent authority.

**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 5 years after the creation of such record or data. The licensee shall not destroy or dispose of any such record or data after the aforesaid period without thirty days prior written notice to the Authority. The licensee shall also not dispose of 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**

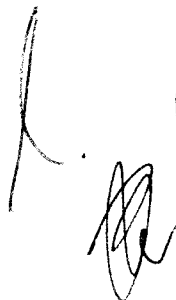
- 13.1 The obligation of the Licensee to provide information to the Authority shall be in accordance with Section 44 of the Act .
- 13.2 The licensee shall be subject to such penalties as may be specified in the relevant rules made by the Authority for failure to furnish such information as may be required 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.



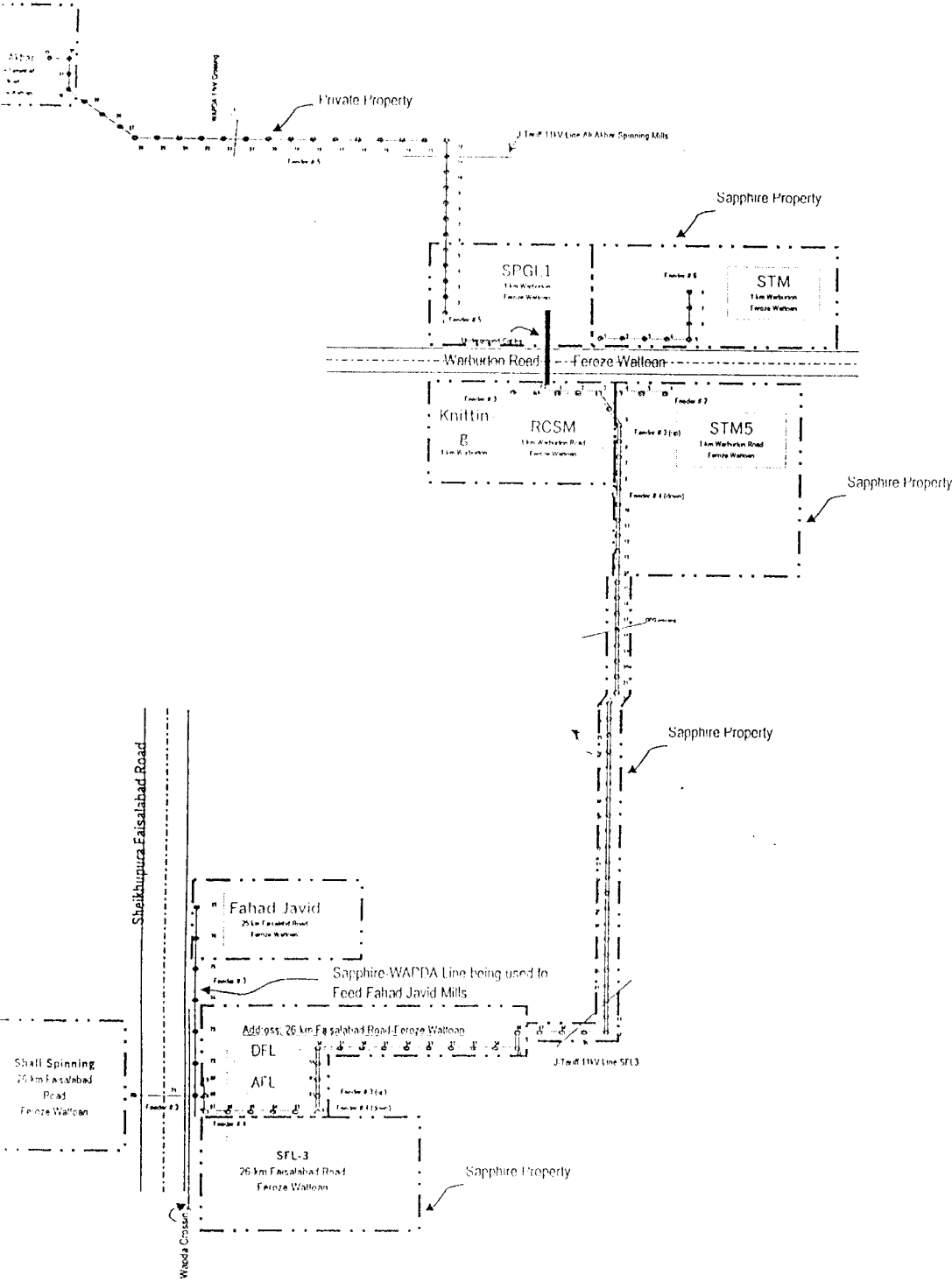
## SCHEDULE - I

- 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

Date 3/8/2001



# - SAPPHIRE POWER GENERATION LTD. No.1 FEROZE WATTOAN-SHEIKHUPURA TRANSMISSION LINES MAP



**LEGEND**

- SPGL1 Sapphire Power Generation Ltd No.1
- STM5 Sapphire Textile Mills No.5
- RCSM Reliance Cotton Spinning Mills
- SHF Shafr Spinning Mills
- AFL Amer Fabrics Ltd.
- DFL Diamond Fabrics Ltd.
- SFL3 Sapphire Fibres Ltd No.3
- STM Sapphire Textile Mills
- FJ Fahad Javid Textile Mills
- GPS Gulistan Power Generation

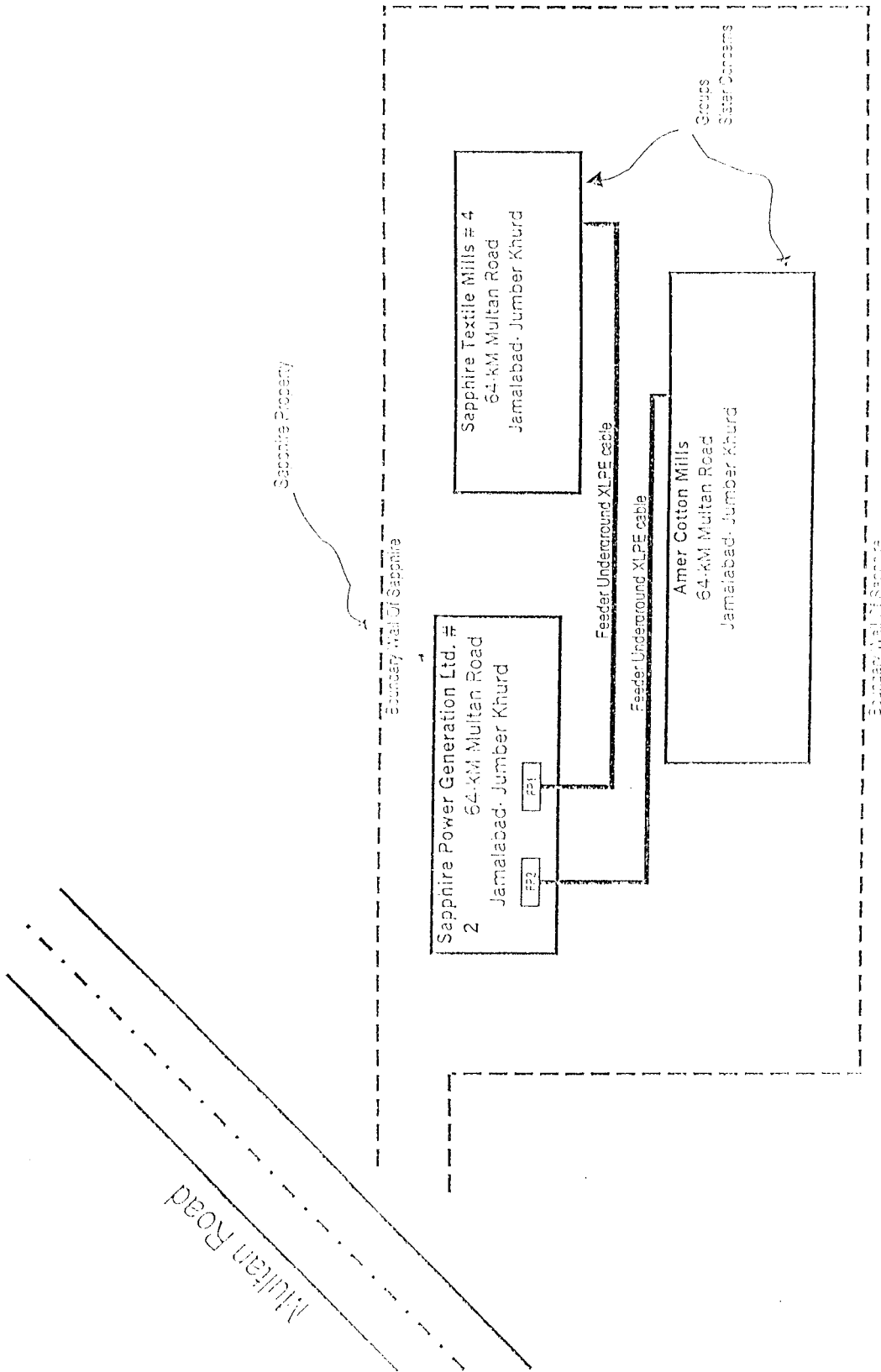
| Feeder No | Consumers                       | Feeder Load | Type of Poles   | No. of Poles | Conductr | Owned/WAPDA | Length Inside | Length Outside | Total Length |
|-----------|---------------------------------|-------------|-----------------|--------------|----------|-------------|---------------|----------------|--------------|
| FF#1      | Spinn                           |             |                 |              |          |             |               |                |              |
| FF#2      | STM5<br>RCSM<br>AFL<br>DFL      | 4.7 MW      | Steel Structure | 7            | DOG      | Owned       | 300           |                | 300          |
| FF#3      | Shafr<br>Fahad Prod<br>Knitting | 5.5 MW      | Steel Structure | 78           | OSPREY   | Owned       | 3700          | 450            | 4150         |
| FF#4      | SFL3                            | 3.4 MW      | Steel Structure | 67           | OSPREY   | Owned       | 3600          |                | 3600         |
| FF#5      | Al Akbar                        | 2.0 MW      | Steel Structure | 33           | OSPREY   | Owned       | 1313          | 587            | 1900         |
| FF#6      | STM (existing)                  | 2.0 MW      | Steel Structure | 8            | OSPREY   | Owned       | 440           | 0              | 440          |
| FF#7      | Spinn                           |             |                 |              |          |             |               |                |              |
| FF#8      | Spinn                           |             |                 |              |          |             |               |                |              |



DATE: 3/8/2001

SAPPHIRE POWER GENERATION LTD., No.2

11 kV Route Map

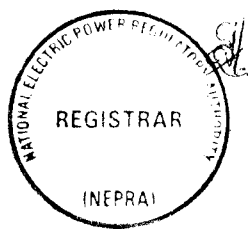


| Feeder No. | Capacity | Length | Material |
|------------|----------|--------|----------|
| FP1        | 11       | 0.15   | XLPE     |
| FP2        | 11       | 0.15   | XLPE     |

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PLANT DETAILS

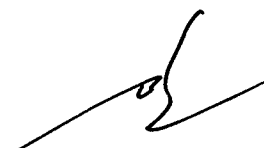
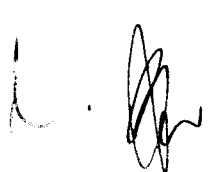
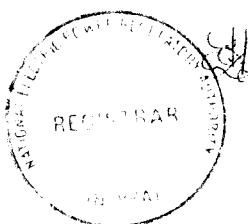
|   |                   |   |  |  |
|---|-------------------|---|--|--|
| 1 | Name of Applicant | Sapphire Power Generation Limited         |  |  |
| 2 | Registard Office  | 7-A/K, Main Boulevard, Gulberg-II, Lahore |  |  |
| 3 | Plant Location    | Plant 1                                   | Sapphire Power Generation Limited (Unit-1), 1-KM Warburton Road, Sheikhpura.           |  |
|   |                   | Plant 2                                   | Sapphire Power Generation Limited (Unit-2), 64-KM Mutan Road, Jamalabad, Jumber Khurd. |  |
| 4 | Type of Facility  | Thermal Generation                        |  |  |

Plant Configuration

|     |                       | Plant 1                         | Plant 2        | Total |    |
|-----|-----------------------|---------------------------------|----------------|-------|----|
| 5.a | Plant Size            | 21.2                            | 4.6            | 25.8  | MW |
| 5.b | Type of Technology    | Diesel Electric                 |                |       |    |
| 5.c | Number of Units       | 4                               | 2              |       |    |
| 5.d | Unit Size-MW          | 5.30                            | 2.3            |       |    |
| 5.e | Unit Make & Model     | Niigata<br>16V32CLX             | Niigata GL34HX |       |    |
| 5.f | Date of Commissioning | Units 1-3 1995 &<br>Unit 4 1998 | 1996           |       |    |

Fuel Use

|     |                            |                                 |       |
|-----|----------------------------|---------------------------------|-------|
| 6.a | Fuel Type                  | HFO                             | HFO   |
| 6.b | Fuel (imported/indigenous) | Both, depending on availability |       |
| 6.c | Fuel Supplier              | Shell/PSO                       | Shell |



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August 8, 2001

The Case Officer  
Licensing Group  
National Electric Power Regulatory Authority  
OPF Building  
Islamabad.

SUBJECT: Information regarding Sapphire Power Generation Limited (SPGL) Unit # 2

Dear Sir

The following clarifications are provided in respect of Sapphire power generation Unit # 2.

- a. Installed Capacity of SPGL Unit # 2 (2x2.3 MW) = 4.600 MW
- b. Connected Load (2000 KW+2500 KW) = 4.500 MW
- c. 85% of Connected Load = 3.825 MW
- d. Required capacity including Reserve (c+2.3 MW) = 6.125 MW
- e. Capacity Reserve Short Fall = 1.525 MW
- f. Installed Capacity at Consumer (2x1120 KW) = 2.240 MW

It is also to be clarified that that both the consumers at Unit # 2 are affiliated consumers. Sapphire Textile Mills # 4 has an installed back up capacity of (2x1120 KW) 2.24 MW, which is utilized whenever any of the units of SPGL Unit # 2 is on forced outage or shut down for maintenance.

We remain available to respond to any question or clarification pertaining to this or any other matter.

Yours Sincerely

Handwritten signature of Manzar Qureshi

Manzar Qureshi  
Director

Handwritten signature below name

NERMAN Private Ltd.  
The Mayfair Suites, Royal Enclave,  
Diplomatic Enclave G-5,  
Islamabad, (44000), Pakistan.

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Handwritten initials at bottom center



Tel # (92-51) 201809  
Fax # (92-51) 201470  
E-mail: enerman@mail.comsats.net.pk

|     |                       |              |              |           |
|-----|-----------------------|--------------|--------------|-----------|
| 6.d | Supply Arrangement    | Road/Tankers | Road/Tankers |           |
| 6.e | No. of Tanks          | 3            | 1            |           |
| 6.f | Storage Capacity/Tank | 2000         | 2000         | Tons/Tank |
| 6.g | Gross Storage         | 6000         | 2000         | Tons      |

### 7 Emission Values

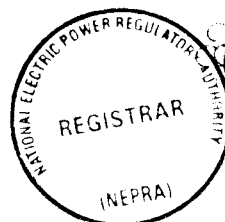
|     |                 |          |  |
|-----|-----------------|----------|--|
| 7.a | SO <sub>2</sub> | 500 ppm  |  |
| 7.b | NO <sub>x</sub> | 1200 ppm |  |
| 7.c | CO              |          |  |

|    |   |          |          |
|----|---|----------|----------|
| 8  | Cooling Water Source                    | Tubewell | Tubewell |
| 9  | Installed Capacity                      | 25.8     | MW       |
| 10 | Derated Capacity                        | 25.8     | MW       |
| 11 | Expected Remaining Life of the Facility | 23       | Years    |

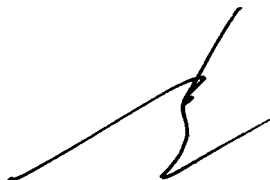
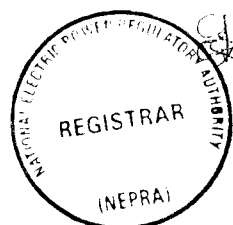
### Operational Record

Given as Section 16

|      |                           |     |     |
|------|---------------------------|-----|-----|
| 13   | <u>Ancillary Svices</u>   |     |     |
| 13.a | Energy Imbalance Services | 10% | 10% |
| 13.b | Spinning Reserve Service  | Nil | Nil |



| 14   | <u>Project Cost</u>                  | Thousand Rs.                                     |                  | Total           |
|------|--------------------------------------|--|------------------|-----------------|
| 14.a | Equity                               | 136,111  | 60,444           | 196,556         |
| 14.b | Debt                                 | 204,167  | 90,667           | 294,833         |
| 14.c | Total Project Cost                   | 340,278  | 151,111          | 491,389         |
| 15   | <u>Plant Characteristics</u>         |  |                  |                 |
| 15.a | Generation Voltage                   | 11000 V  | 11000 V          |                 |
| 15.b | Frequency                            | 50 Hz  | 50 Hz            |                 |
| 15.c | Power Factor                         | 0.80 lagging                                     | 0.80 lagging     |                 |
| 15.d | Automatic Generation Control         | Provided   | Provided         |                 |
| 15.e | Ramping Rate                         | 5.4%   | 5.4%             | per Second      |
| 15.f | Alternative Fuel                     | Light Diesel Oil                                 | Light Diesel Oil |                 |
| 15.g | Auxiliary Consumption                | 4,200,000  | 1,331,520        | kWh during 1999 |
| 15.h | Time Required to Synchronize to Grid | Not Applicable since not connected to LESCO Grid |                  |                 |

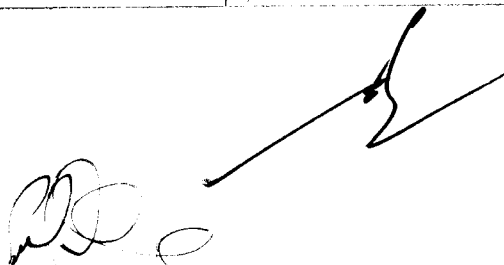
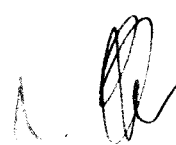
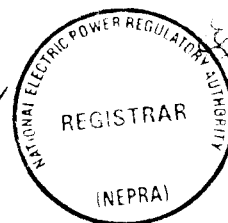



## Sapphire Power Generation Limited


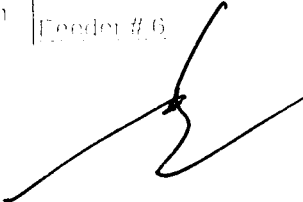

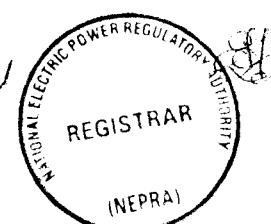
## SPP License - Proforma for Information Regarding Distribution Issues.

## PART-A

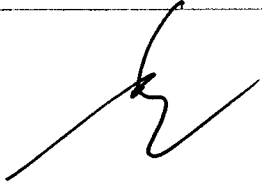
| Network Facts* |   |  |
|----------------|---|--|
| A              | No. Of Feeders                          | Unit # 1 :- 5 Feeders<br>Unit # 2 :- 2 Feeders<br>Total No. of Feeders:- 7 Feeders   |
| B              | Length Of Each Feeder                   | <p><u>1:- Sapphire Power Generation Ltd. - Unit # 1</u><br/><u>1-kM Warburton Road Feroze Wattoan -Sheikhupura</u></p> <p>Feeder # 2 = 300 mtr.<br/>Feeder # 3 = 3700 mtr<br/>Feeder # 4 = 3600 mtr.<br/>Feeder # 5 = 1900 mtr.<br/>Feeder # 6 = 440 mtr.</p> <p><u>2:- Sapphire Power Generation Ltd. - Unit # 2</u><br/><u>64-kM Jumber Khurd - Multan Road</u></p> <p>Feeder # 1 = 250mtr<br/>Feeder # 2 = 200 mtr</p>  |
| C              | Length Of Each Feeder to Each Consumer. | <p><u>1:- Sapphire Power Generation Ltd. - Unit # 1</u><br/><u>1-kM Warburton Road Feroze Wattoan -Sheikhupura</u></p> <p>Feeder # 2</p> <p>a):- Sapphire Textile Mills Ltd. # 5 300 mtr.<br/>b):- Reliance Cotton Spinning Mills 100 mtr.</p> <p>Feeder # 3</p> <p>a):- Amer Fabrics Ltd. 3500 mtr.<br/>b):- Diamond Fabrics Ltd. 3500 mtr.<br/>c):- Knitting Unit 120 mtr.<br/>d):- Shafi Spinning Mills 3550 mtr.<br/>e):- Fahad Javid Spinning Mills 3700 mtr.</p> <p>Feeder # 4</p> <p>a):- Sapphire Fibres Ltd. # 3 3500 mtr.</p> <p>Feeder # 5</p> <p>a):- Ali Akbar Spinning Mills 1900 mtr.</p> <p>Feeder # 6</p> <p>a):- Sapphire Textile Mills # 6 440 mtr.</p> <p><u>2:- Sapphire Power Generation Ltd. - Unit # 2</u><br/><u>64-kM Jumber Khurd - Multan Road</u></p> <p>Feeder # 1</p> <p>a):- Sapphire Textile Mill 250 mtr.</p> <p>Feeder # 2</p> <p>a):- Amer Cotton Mills 200 mtr.</p> |







|          |  |   |
|----------|--|---|
| <p>D</p> | <p>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.</p> | <p><u>1:- Sapphire Power Generation Ltd. - Unit # 1</u><br/> <u>1-kM Warburton Road Feroze Wattoan -Sheikhupura</u><br/> <u>Feeder # 2</u><br/>                     SPP Owned Land, Consumer Owned Land<br/>                     Road crossing through under ground cable trench</p> <p><u>Feeder # 3</u><br/>                     SPP Owned Land, Consumer Owned Land<br/>                     Road crossing through under ground cable trench<br/>                     Road crossing<br/>                     DISCO and other SPP line Crossing</p> <p><u>Feeder # 4</u><br/>                     SPP Owned Land, Consumer Owned Land<br/>                     Road crossing through under ground cable trench<br/>                     DISCO line Crossing</p> <p><u>Feeder # 5</u><br/>                     SPP Owned Land, Consumer Owned Land<br/>                     Street Crossing, Road crossing through under ground cable trench<br/>                     DISCO line Crossing</p> <p><u>Feeder # 6</u><br/>                     SPP and consumer located adjacent, therefore private property</p> <p><u>2:- Sapphire Power Generation Ltd. - Unit # 2</u><br/> <u>64-kM Jumber Khurd - Multan Road</u></p> <p><u>Feeder # 1</u><br/>                     SPP and consumer located adjacent, therefore private property</p> <p><u>Feeder # 2</u><br/>                     SPP and consumer located adjacent, therefore private property</p> |
| <p>E</p> | <p>Whether Owned Land by SPP, consumer or DISCO-(deal with each Feeder separately). If Owned Land by DISCO, please furnish particulars of contractual arrangement Operation and maintenance</p>                                  | <p><u>1:- Sapphire Power Generation Ltd. - Unit # 1</u><br/> <u>1-kM Warburton Road Feroze Wattoan -Sheikhupura</u><br/> <u>Feeder # 2</u><br/>                     Owned by Consumers, Maintenance and Operation by S.P.G.# 1 staff.</p> <p><u>Feeder # 3</u><br/>                     Owned by Consumers, Maintenance and Operation by S.P.G.# 1 staff.</p> <p><u>Feeder # 4</u><br/>                     Owned by Consumers, Maintenance and Operation by S.P.G.# 1 staff.</p> <p><u>Feeder # 5</u><br/>                     Owned by Consumers, Maintenance and Operation by S.P.G.# 1 staff.</p> <p><u>Feeder # 6</u></p>  |

|          |  |   |
|----------|--|---|
|          | <p>responsibility for each Feeder.</p>   | <p>Owned by Consumers, Maintenance and Operation by S.P.G.# 1 staff.</p> <p>2:- <u>Sapphire Power Generation Ltd. - Unit # 2</u><br/> <u>64-kM Jumber Khurd - Multan Road</u></p> <p><u>Feeder # 1</u><br/>         Owned by Consumers, Maintenance and Operation by S.P.G.# 1 staff.</p> <p><u>Feeder # 2</u><br/>         Owned by Consumers, Maintenance and Operation by S.P.G.# 1 staff.</p> |
| <p>F</p> | <p>Whether connection with DISCO's network exists. (Whether active or not) - If yes, provide details of connection arrangements (both technical and contractual)</p> | <p>Nil</p>  |



## Sapphire Power Generation Limited

## License - Proforma for Information Regarding Distribution Issues.

| Consumption Facts  |   |                   |            |                   |                                 |      |          |                                     |      |          |                                      |     |          |                                 |      |          |                               |      |          |                       |      |          |                          |      |          |                           |      |          |                                 |     |          |                                |      |          |
|--|---|-------------------|------------|-------------------|---------------------------------|------|----------|-------------------------------------|------|----------|--------------------------------------|-----|----------|---------------------------------|------|----------|-------------------------------|------|----------|-----------------------|------|----------|--------------------------|------|----------|---------------------------|------|----------|---------------------------------|-----|----------|--------------------------------|------|----------|
| No. Of Consumers   | <p>1:- <u>Sapphire Power Generation Ltd. - Unit # 1</u><br/> <u>1-kM Warburton Road Feroze Wattoan -Sheikhupura</u><br/> 10 Consumers</p> <p>2:- <u>Sapphire Power Generation Ltd. - Unit # 2</u><br/> <u>64-kM Jumber Khurd - Multan Road</u><br/> 2 Consumers</p>   |                   |            |                   |                                 |      |          |                                     |      |          |                                      |     |          |                                 |      |          |                               |      |          |                       |      |          |                          |      |          |                           |      |          |                                 |     |          |                                |      |          |
| Location of Consumers<br>(Distance and / or<br>identity of Premises) | <p>1:- <u>Sapphire Power Generation Ltd. - Unit # 1</u><br/> <u>1-kM Warburton Road Feroze Wattoan -Sheikhupura</u><br/> 1):- Sapphire Textile Mills # 5<br/> 1-kM Warburton Road, Feroze Wattoan-Sheikhupura.<br/> 2):- Reliance Cotton Spinning Mills<br/> 1-kM Warburton Road, Feroze Wattoan-Sheikhupura.<br/> 3):- Sapphire Fibres - Knitting Unit<br/> 1-kM Warburton Road, Feroze Wattoan-Sheikhupura.<br/> 4):- Sapphire Textile Mills # 6<br/> 1.5-kM Warburton Road, Feroze Wattoan-Sheikhupura.<br/> 5):- Sapphire Fibres Ltd. # 3<br/> 26-kM Faisalabad Road, Feroze Wattoan-Sheikhupura.<br/> 6):- Amer Fabrics Ltd.<br/> 26-kM Faisalabad Road, Feroze Wattoan-Sheikhupura.<br/> 7):- Diamond Fabrics Ltd.<br/> 26-kM Faisalabad Road, Feroze Wattoan-Sheikhupura.<br/> 8):- Shafi Spinning Mills<br/> 26-kM Faisalabad Road, Feroze Wattoan-Sheikhupura.<br/> 9):- Fahad Javid Spinning Mills<br/> 25-kM Faisalabad Road, Feroze Wattoan-Sheikhupura.<br/> 10):- Ali Akbar Spinning Mills<br/> 26-kM Faisalabad Road, Feroze Wattoan-Sheikhupura.</p> <p>2:- <u>Sapphire Power Generation Ltd. - Unit # 2</u><br/> <u>64-kM Jamalabad, Jumber Khurd - Multan Road</u><br/> 1):- Sapphire Textile Mills # 4<br/> 64-kM Jamalabad, Jumber Khurd - Multan Road<br/> 1):- Amer Cotton Mills<br/> 64-kM Jamalabad, Jumber Khurd - Multan Road</p> |                   |            |                   |                                 |      |          |                                     |      |          |                                      |     |          |                                 |      |          |                               |      |          |                       |      |          |                          |      |          |                           |      |          |                                 |     |          |                                |      |          |
| Contracted Capacity and<br>Load Factor for each<br>consumer.         | <p>1:- <u>Sapphire Power Generation Ltd. - Unit # 1</u><br/> <u>1-kM Warburton Road Feroze Wattoan -Sheikhupura</u></p> <table border="1"> <thead> <tr> <th>Name Of Consumer</th> <th>Contracted</th> <th>Load Factor (MDI)</th> </tr> </thead> <tbody> <tr> <td>1) - Sapphire Textile Mills # 5</td> <td>1560</td> <td>Variable</td> </tr> <tr> <td>2) - Reliance Cotton Spinning Mills</td> <td>1580</td> <td>Variable</td> </tr> <tr> <td>3) - Sapphire Fibres - Knitting Unit</td> <td>160</td> <td>Variable</td> </tr> <tr> <td>4) - Sapphire Textile Mills # 6</td> <td>1200</td> <td>Variable</td> </tr> <tr> <td>5) - Sapphire Fibres Ltd. # 3</td> <td>2600</td> <td>Variable</td> </tr> <tr> <td>6) - Amer Fabrics Ltd</td> <td>1150</td> <td>Variable</td> </tr> <tr> <td>7) - Diamond Fabrics Ltd</td> <td>1100</td> <td>Variable</td> </tr> <tr> <td>8) - Shafi Spinning Mills</td> <td>1100</td> <td>Variable</td> </tr> <tr> <td>9) - Fahad Javid Spinning Mills</td> <td>400</td> <td>Variable</td> </tr> <tr> <td>10) - Ali Akbar Spinning Mills</td> <td>1700</td> <td>Variable</td> </tr> </tbody> </table>  | Name Of Consumer  | Contracted | Load Factor (MDI) | 1) - Sapphire Textile Mills # 5 | 1560 | Variable | 2) - Reliance Cotton Spinning Mills | 1580 | Variable | 3) - Sapphire Fibres - Knitting Unit | 160 | Variable | 4) - Sapphire Textile Mills # 6 | 1200 | Variable | 5) - Sapphire Fibres Ltd. # 3 | 2600 | Variable | 6) - Amer Fabrics Ltd | 1150 | Variable | 7) - Diamond Fabrics Ltd | 1100 | Variable | 8) - Shafi Spinning Mills | 1100 | Variable | 9) - Fahad Javid Spinning Mills | 400 | Variable | 10) - Ali Akbar Spinning Mills | 1700 | Variable |
| Name Of Consumer   | Contracted  | Load Factor (MDI) |            |                   |                                 |      |          |                                     |      |          |                                      |     |          |                                 |      |          |                               |      |          |                       |      |          |                          |      |          |                           |      |          |                                 |     |          |                                |      |          |
| 1) - Sapphire Textile Mills # 5                                      | 1560  | Variable          |            |                   |                                 |      |          |                                     |      |          |                                      |     |          |                                 |      |          |                               |      |          |                       |      |          |                          |      |          |                           |      |          |                                 |     |          |                                |      |          |
| 2) - Reliance Cotton Spinning Mills                                  | 1580  | Variable          |            |                   |                                 |      |          |                                     |      |          |                                      |     |          |                                 |      |          |                               |      |          |                       |      |          |                          |      |          |                           |      |          |                                 |     |          |                                |      |          |
| 3) - Sapphire Fibres - Knitting Unit                                 | 160   | Variable          |            |                   |                                 |      |          |                                     |      |          |                                      |     |          |                                 |      |          |                               |      |          |                       |      |          |                          |      |          |                           |      |          |                                 |     |          |                                |      |          |
| 4) - Sapphire Textile Mills # 6                                      | 1200  | Variable          |            |                   |                                 |      |          |                                     |      |          |                                      |     |          |                                 |      |          |                               |      |          |                       |      |          |                          |      |          |                           |      |          |                                 |     |          |                                |      |          |
| 5) - Sapphire Fibres Ltd. # 3  | 2600  | Variable          |            |                   |                                 |      |          |                                     |      |          |                                      |     |          |                                 |      |          |                               |      |          |                       |      |          |                          |      |          |                           |      |          |                                 |     |          |                                |      |          |
| 6) - Amer Fabrics Ltd  | 1150  | Variable          |            |                   |                                 |      |          |                                     |      |          |                                      |     |          |                                 |      |          |                               |      |          |                       |      |          |                          |      |          |                           |      |          |                                 |     |          |                                |      |          |
| 7) - Diamond Fabrics Ltd   | 1100  | Variable          |            |                   |                                 |      |          |                                     |      |          |                                      |     |          |                                 |      |          |                               |      |          |                       |      |          |                          |      |          |                           |      |          |                                 |     |          |                                |      |          |
| 8) - Shafi Spinning Mills  | 1100  | Variable          |            |                   |                                 |      |          |                                     |      |          |                                      |     |          |                                 |      |          |                               |      |          |                       |      |          |                          |      |          |                           |      |          |                                 |     |          |                                |      |          |
| 9) - Fahad Javid Spinning Mills                                      | 400   | Variable          |            |                   |                                 |      |          |                                     |      |          |                                      |     |          |                                 |      |          |                               |      |          |                       |      |          |                          |      |          |                           |      |          |                                 |     |          |                                |      |          |
| 10) - Ali Akbar Spinning Mills                                       | 1700  | Variable          |            |                   |                                 |      |          |                                     |      |          |                                      |     |          |                                 |      |          |                               |      |          |                       |      |          |                          |      |          |                           |      |          |                                 |     |          |                                |      |          |

**2:- Sapphire Power Generation Ltd. - Unit # 2**  
**64-kM Jamalabad, Jumber Khurd - Multan Road**

|                                |      |          |
|--------------------------------|------|----------|
| 1)- Sapphire Textile Mills # 4 | 2000 | Variable |
| 1)- Amer Cotton Mills          | 2500 | Variable |

## Specify Whether

i):- The consumer is an associated undertaking of SPP\*- If yes, specify percentage or ownership of equity.

ii):- There are common directorships:n

iii):- Either can exercise influence or control over the other.

**1:- Sapphire Power Generation Ltd. - Unit # 1**  
**1-kM Warburton Road Feroze Wattoan -Sheikhupura**

| Name Of Consumer                    | Assoc. Undertak of SPP | Common Director Ship | Can Exercise Influence | %age Equity |
|-------------------------------------|------------------------|----------------------|------------------------|-------------|
| 1)- Sapphire Textile Mills # 5      | Yes                    | Yes                  | Yes                    | 16.54%      |
| 2)- Reliance Cotton Spinning Mills  | Yes                    | Yes                  | Yes                    |             |
| 3)- Sapphire Fibres - Knitting Unit | Yes                    | Yes                  | Yes                    | 16.54%      |
| 4)- Sapphire Textile Mills # 6      | Yes                    | Yes                  | Yes                    | 16.54%      |
| 5)- Sapphire Fibres Ltd # 3         | Yes                    | Yes                  | Yes                    | 16.54%      |
| 6)- Amer Fabrics Ltd Ltd            | Yes                    | Yes                  | Yes                    | 3.31%       |
| 7)- Diamond Fabrics Ltd Ltd         | Yes                    | Yes                  | Yes                    | 8.54%       |
| 8)- Shafi Spinning Mills            | No                     | No                   | No                     |             |
| 9)- Fahad Javid Spinning Mills      | No                     | No                   | No                     |             |
| 10)- Ali Akbar Spinning Mills       | No                     | No                   | No                     |             |

**2:- Sapphire Power Generation Ltd. - Unit # 2**  
**64-kM Jamalabad, Jumber Khurd - Multan Road**

|                                 |     |     |     |        |
|---------------------------------|-----|-----|-----|--------|
| 1):- Sapphire Textile Mills # 4 | Yes | Yes | Yes | 16.54% |
| 6):- Amer Cotton Mills          | Yes | Yes | Yes | 11.95% |

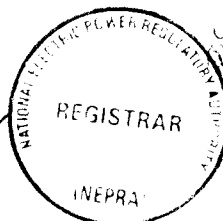
**1:- Sapphire Power Generation Ltd. - Unit # 1**  
**1-kM Warburton Road Feroze Wattoan -Sheikhupura**

| Name Of Consumer                    | Nature of Contractual relations Between Consumer and SPP   | Consumer and DISCO |
|-------------------------------------|--|--------------------|
| 1)- Sapphire Textile Mills # 5      | Firm Supply of electricity to consumer on continuous basis | J-Tariff           |
| 2)- Reliance Cotton Spinning Mills  | Firm Supply of electricity to consumer on continuous basis | J-Tariff           |
| 3)- Sapphire Fibres - Knitting Unit | Firm Supply of electricity to consumer on continuous basis | J-Tariff           |
| 4)- Sapphire Textile Mills # 6      | Firm Supply of electricity to consumer on continuous basis | Nil                |
| 5)- Sapphire Fibres Ltd # 3         | Firm Supply of electricity to consumer on continuous basis | J-Tariff           |
| 6)- Amer Fabrics Ltd Ltd            | Firm Supply of electricity to consumer on continuous basis | J-Tariff           |
| 7)- Diamond Fabrics Ltd Ltd         | Firm Supply of electricity to consumer on continuous basis | J-Tariff           |
| 8)- Shafi Spinning Mills            | Firm Supply of electricity to consumer on continuous basis | J-Tariff           |
| 9)- Fahad Javid Spinning Mills      | Firm Supply of electricity to consumer on continuous basis | Nil                |

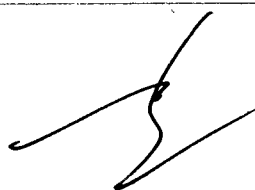
## Specify nature of Contractual relationship

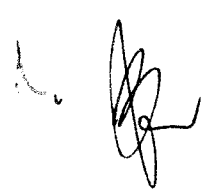
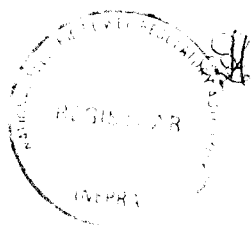
i):- Between each consumer and the SPP. And

ii) Between Consumer and DISCO



|   |   |  |           |
|---|---|--|-----------|
|   |   | <p>10)- Ali Akbar Spinning Mills Firm Supply of electricity to consumer on continuous basis</p> <p><b>2:- Sapphire Power Generation Ltd. - Unit # 2</b><br/><b>64-kM Jamalabad, Jumber Khurd - Multan Road</b></p> <p>1)- Sapphire Textile Mills # 4 Firm Supply of electricity to consumer on continuous basis</p> <p>2)- Amer Cotton Mills Firm Supply of electricity to consumer on continuous basis</p>  | J- Tariff |
| F | Capacity originally sanctioned by Provincial Government- If subsequently enhanced, evidence of permissions for enhancement. | <p><b>1:- Sapphire Power Generation Ltd. - Unit # 1</b><br/><b>1-kM Warburton Road Feroze Wattoan -Sheikhupura</b></p> <p>Capacity Originally Sanctioned = 15900 kW = 15.9 MW<br/>Capacity Enhanced = 5300 kW<br/>Total Capacity = 21200 kW = 21.2 MW</p> <p><b>2:- Sapphire Power Generation Ltd. - Unit # 2</b><br/><b>64-kM Jamalabad, Jumber Khurd - Multan Road</b></p> <p>Capacity Originally Sanctioned = 4600 kW = 4.6 MW<br/>Capacity Enhanced Nil<br/>Total Capacity = 21.2 MW</p> |           |
| G | Tariff arrangement and particulars with WAPDA/Provincial Government.  | Provincial As per provincial Government approval and same as WAPDA Govt  |           |



## SCHEDULE II

### GROSS CAPACITY (MW)

PLANT -I

4 X 5.3  
= 21.20

PLANT -II

2 X 2.3  
= 4.6

**TOTAL: 25.80 MW**

### NET CAPACITY (MW)

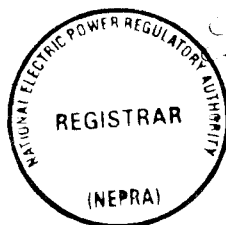
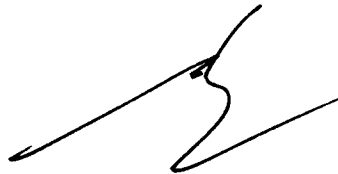
PLANT -I

20.51

PLANT -II

4.42

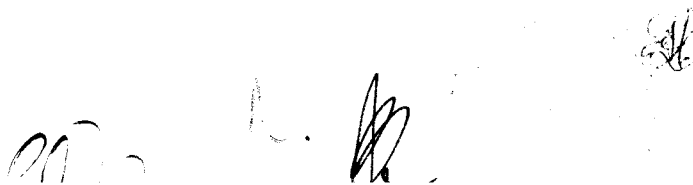
**TOTAL: 24.93 MW**



## SCHEDULE - II

- The net capacity of the licensee's generation facilities

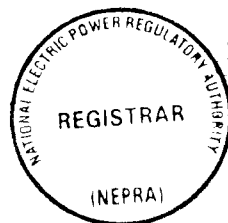
Date 3/8/2001

A handwritten signature in black ink, consisting of several fluid, connected strokes.A collection of faint, handwritten marks and signatures at the bottom of the page, including what appears to be the number '20' and several illegible scribbles.

SCHEDULE - III

- LICENCE FEE (Annual)

Date 3/8/2001



**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

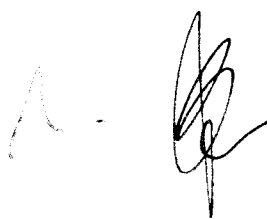
$F_{pd}$  = The actual fee payable on the date of payment

$F_t$  = 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.






**SCHEDULE-III**

**PART I**

**Licence Fees (Annual)**

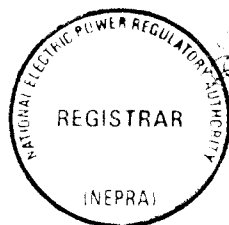
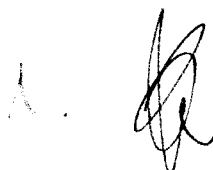
**1. Generation Licence**

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 licenses 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 licenses, the Gross (ISO) MW capacity for which the generation licence is granted shall form the basis for the calculation of the annual licence fee.



# **Authorization by National Electric Power Regulatory Authority**

**To**

## **Sapphire Power Generation Limited.**

Incorporated under the Companies Ordinance, 1984

Under Certificate of Incorporation No. L 06572 Dated 15-09-1993

### **NEPRA GENERATION LICENCE NO. 002/SGC/2001**

**For**

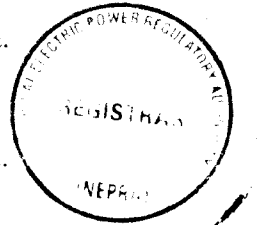
#### **Sale to Bulk Power Consumers**

Pursuant to Section 22 of the Act and Rule 7 of the NEPRA Licensing (Generation) Rules - 2000, the Authority hereby authorizes Sapphire Power Generation Limited (Licensee) to engage in second-tier supply business, limited to the following consumers also mentioned in Schedule 1 of Generation Licence No. 002/SGC/2001.

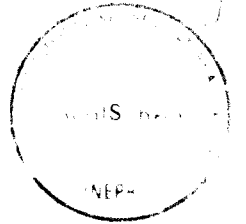
#### **Plant - 1**

#### **1 - KM Warburton Road, Feroze Wattoan, Sheikhpura.**

1. Sapphire Textile Mills No. 5.  
1-K.M. Warburton Road, Feroze Wattoan-Sheikhpura.
2. Reliance Cotton Spinning Mills  
1-K.M. Warburton Road, Feroze Wattoan-Sheikhpura.
3. Sapphire Fibres - Knitting Unit  
1-K.M. Warburton Road, Feroze Wattoan-Sheikhpura.
4. Sapphire Fibres Limited No. 3.  
26-K.M. Faisalabad Road, Feroze Wattoan-Sheikhpura.
5. Amer Fabrics Ltd.  
26-K.M., Faisalabad Road, Feroze Wattoan-Sheikhpura.



6. Diamond Fabrics Ltd.  
26-K.M., Faisalabad Road, Feroze Wattoan-Sheikhpura.
7. Shafi Spinning Mills  
26-K.M., Faisalabad Road, Feroze Wattoan-Sheikhpura.
8. Fahad Javid Spinning Mills.  
25-K.M., Faisalabad Road, Feroze Wattoan-Sheikhpura.
9. Ali Akbar Spinning Mills.  
26-K.M., Faisalabad Road, Feroze Wattoan-Sheikhpura.





**National Electric Power Regulatory Authority**  
Islamic Republic of Pakistan

**Registrar**

2nd Floor, OPF Building, G-5/2, Islamabad.  
Ph : 9207200 Ext : 318 — Fax : 9210215  
E-mail : office@nepra.isb.sdnpk.org  
Direct Phone : (051) 9206500

No. RI 10-1-03.009/1999

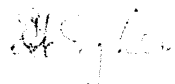
September 11, 2001

Mr. Yousuf Abdullah,  
Director,  
Sapphire Power Generation Ltd.  
149 Cotton Exchange Building,  
I.I. Chundrigar Road,  
Karachi.  
Fax: 021- 2416705

Subject: **List of Consumers for Sapphire Power Generation Limited**

Please refer to your letter dated September 5, 2001 on the subject noted above.

2. This is in continuation of our Authorization sent to you vide this office letter No. RI 10-1-03.009/1999, dated 27<sup>th</sup> August, 2001. As per your request, enclosed herewith an 'Authorization' for three additional consumers for second tier supply business / for sale to bulk power consumers also mentioned in Schedule I of Generation Licence pursuant to Section 22 of the Act and Rule 7 of NEPRA Licensing (Generation) Rules - 2000.

  
(Hussnain Zaigham)

# **Authorization by National Electric Power Regulatory Authority**

**To**

## **Sapphire Power Generation Limited.**

Incorporated under the Companies Ordinance, 1984

Under Certificate of Incorporation No. L 06572 Dated 15-09-1993

### **NEPRA GENERATION LICENCE NO. 002/SGC/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 Sapphire Power Generation Limited (Licensee) to engage in second-tier supply business, limited to the following consumers also mentioned in Schedule I of Generation Licence No. 002/SGC/2001.

#### **Plant - 1**

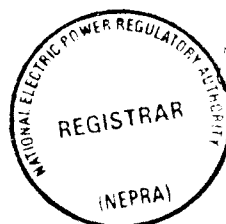
##### **1 - KM Warburton Road, Feroze Wattoan, Sheikhpura.**

1. Sapphire Textile Mills No. 6.  
1.5 K.M. Warburton Road, Feroze Wattoan-Sheikhpura.

#### **Plant - 2**

##### **64 K.M. Jamalabad, Jumber Khurd, Multan Road.**

1. Sapphire Textile Mills No. 4.  
64-K.M., Jamalabad, Jumber Khurd, Multan Road.
2. Amer Cotton Mills  
64-K.M., Jamalabad, Jumber Khurd. Multan Road.



**Term of the Licence  
Article 5 of the Licence)  
Sapphire Power Generation 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.

Sapphire Power Generation Limited has shown in its application No.Nil dated May 25, 2000 to NEPRA for a generation licence, remaining life of its facility as 23 years.

The Licensing Group considers that the Diesel Electric Generators normally have useful life of around 20 years. Since the plants of Sapphire Power Generation Limited were commission in 1995, 1996 and 1998 therefore the Group recommends that the licence be issued to Sapphire Power Generation by the Authority 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.

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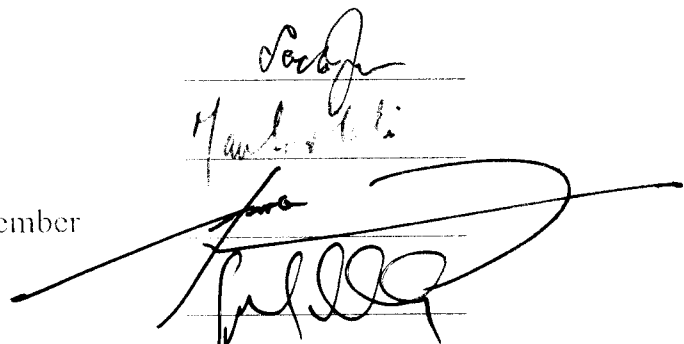
**Authority**

Justice ® Saad Saood Jan, Chairman

Mr. Mansoor Elahi, Vice Chairman

Sardar Muhammad Sharif Khan T. St., Member

Mr. Fazlullah Qureshi, Member



The image shows four handwritten signatures in black ink, each written over a horizontal line. The signatures are: 1. Saad Saood Jan (Chairman), 2. Mansoor Elahi (Vice Chairman), 3. Sardar Muhammad Sharif Khan T. St. (Member), and 4. Fazlullah Qureshi (Member). The signatures are written in a cursive style.