



National Electric Power Regulatory Authority
Islamic Republic of Pakistan

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

Registrar

No. NEPRA/R/LAG-39/8812-14

July 02, 2008

Director
Sapphire Power Generation Limited
7-A/K, Main Boulevard,
Gulberg-II
Lahore

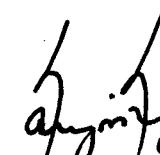
**Subject: Modification in Generation Licence No. 002/SGC/2001, dated 27.08.2001
Sapphire Power Generation Limited (SPGL)**

Reference: Your letter No. nil, dated May 21, 2004.

It is intimated that the Authority has approved "Licensee Proposed Modification" in Generation Licence No. 002/SGC/2001 in respect of Sapphire Power Generation Limited (SPGL) pursuant to Regulation 10(11) of the NEPRA Licensing (Application & Modification Procedure) Regulations, 1999. The Authority has also approved modification in the Second Tier Supply Authorization to SPGL for sale to bulk power consumers.

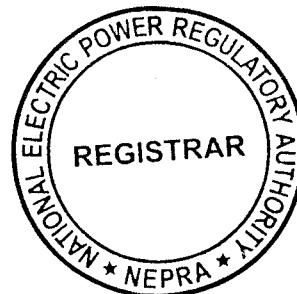
2. Enclose please find herewith modified Generation Licence No. 002/SGC/2001 along with modified Schedule-I & Scheduled-II attached as Annex-A & Annex-B, and modified Second Tier Supply Authorization attached as Annex-C, as approved by the Authority.

**Enclosure: / Modified Generation Licence
& Annex A to C**


(Mahjoob Ahmad Mirza) 02.07.08

Copy to:

1. Chief Executive Officer, Lahore Electric Supply Company Ltd. (LESCO), 22-A, Queens Road, Lahore
2. Director General, Pakistan Environmental Protection Agency, House No. 311, Main Margalla Road, F-11/3, Islamabad.



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

Islamabad – Pakistan

**GENERATION LICENCE
No. 002/SGC/2001**

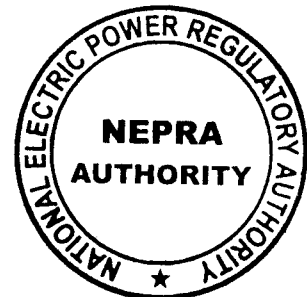
In exercise of the Powers conferred upon the National Electric Power Regulatory Authority (NEPRA) under Section-26 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), the Authority hereby modifies the Generation Licence No. 002/SGC/2001, granted (on August 27, 2001 and expiring on August 26, 2016) to Sapphire Power Generation Limited, to the extent of changes mentioned as here under:-

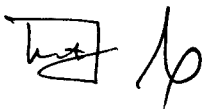
- (i). **Changes in Schedule-I** attached as **Annexure-A;**
- (ii). **Changes in Schedule-II** attached as **Annexure-B;** and
- (iii). **Changes in Second Tier Supply Authorization** attached as **Annexure-C.**

This **Modification-I** is given under my hand this 2nd of July

Two Thousand & Eight.


Registrar





Modification to Schedule – I

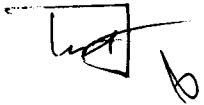
Of

Generation Licence No. 002/SGC/2001

In the name of

Sapphire Power Generation Limited

(Annexure-A)

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Modification to
Schedule-I of the
Licence No. 002/SGC/2001

The modifications made to Schedule-I of the Original Licence No. 002/SGC/2001 is as follows:-

(A). **PLANT CONFIGURATION**

(i). The various details about the plant configuration given at Items 5.a, 5.b, 5.c, 5.d, 5.e and 5.f, for Plant-1 are hereby replaced in its entirety with the following:-

5.a	Plant Size	21.3 MW	
5.b	Type of Technology	Diesel Engines and Gas Engines	
5.c	Number of Units	Gas Engines	Diesel Engines
		2	3*
5.d	Unit Size	Gas Engines	Diesel Engines
		2.7 MW	5.3 MW
5.e	Unit Make and Model	Gas Engines	Diesel Engines
		GE Jenbacher JGS/620GS	Niigata/16V32CLX
5.f	Date of Commissioning	Gas Engines	Diesel Engines
		2008	1995 & 1998

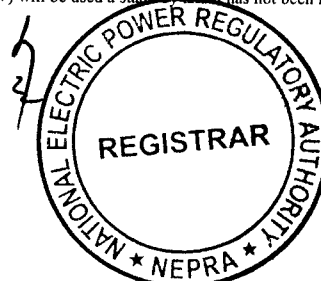
(B). **FUEL DETAILS**

(i). The details of fuel and other related information given at Items 6.a, 6.b, 6.c, 6.d, 6.e and 6.f, for Plant-1 are hereby replaced in its entirety with the following:-

6.a	Fuel Type	Gas Engines	Diesel Engines
		Natural Gas	HFO
6.b	Fuel (imported/indigenous)	Gas Engines	Diesel Engines
		Indigenous	Imported/Indigenous

* After the installation of two (02) Gas Engines at Plant the replaced One (01) Diesel Engine (of 1 x 5.3 MW) will be used a stand by and it has not been included in these Diesel Engines





6.c	Fuel Supplier	Gas Engines	Diesel Engines
		Sui Northern Gas Pipeline Limited (SNGPL)	Shell/PSO
6.d	Supply Arrangement	Gas Engines	Diesel Engines
		Through Pipeline	Road/Tankers
6.e	No. of Tanks	Gas Engines	Diesel Engines
		NIL	3
6.f	Storage Capacity/Tank	Gas Engines	Diesel Engines
		Nil	2000 Metric Tons
6.g	Gross Storage	NIL	6000 Metric Tons

(C). **PLANT CAPACITY**

(i). The details of plant capacity given at Item-9 and 10 for Plant-1, are hereby replaced in its entirety with following:-

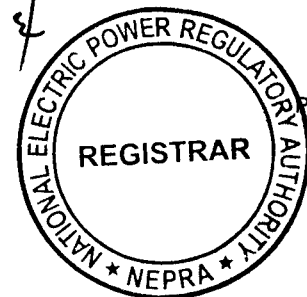
9	Installed Capacity	25.90 [†] MW
10	De-rated Capacity	25.90 MW

(D). **ANCILLARY SERVICES**

(i). The information about Spinning Reserve Service given at item 13.b for Plant-1, is hereby replaced in its entirety with following:-

13.b	Spinning Reserve Service	5.3 MW
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[†] The capacity of one (01) stand by engine (of 1 x 5.3 MW) has not been included in the Installed/De-rated Capacity



(E). **PROJECT COST**

(i). The details of the Equity, Debt and Total Project Cost given at item 14.a, 14.b and 14.c are hereby replaced in its entirety with following:-

14.a	Equity (Thousand Rupees)	5, 33,016
14.b	Debt (Thousand Rupees)	51,678
14.c	Total Project Cost (Thousand Rupees)	5,84,694

(F). **AUXILIARY CONSUMPTION**

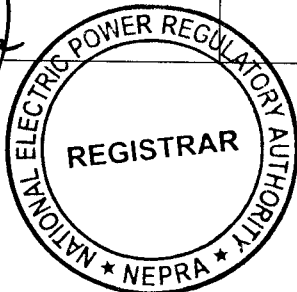
(i). The detail given at item 15.g for Plant-1, is hereby replaced in its entirety with following:-

15.g	Auxiliary Consumption	6,482,655 kwh (Max)
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PART – A

The Network Facts given at items “B and C” of Part A of the Schedule-I for Plant-1 are hereby replaced in its entirety with following:-

B.	Length of Each Feeder (KM)	Feeder No. 2	300 Meter	
		Feeder No. 3	4150 Meter	
		Feeder No. 4	3600 Meter	
		Feeder No. 5	1900 Meter	
		Feeder No. 6	440 Meter	
C.	Length of Each Feeder to each Consumer	Feeder No. 2	Consumer	Length (meter)
			Sapphire Textile Mills Ltd. No. 5.	300
			Reliance Cotton Spinning Mills	100

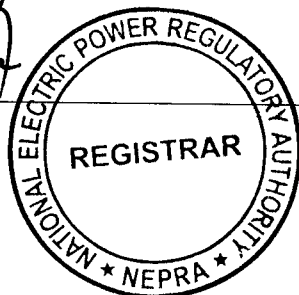


		Feeder No.	Consumer	Length (meter)
			Feeder No. 3	Diamond Fabrics Limited
		Feeder No. 3	Sapphire Fibers - Knitting Unit	120
		Feeder No. 4	Sapphire Fibres Ltd. No. 3	3600
		Feeder No. 5	Ali Akbar Spinning Mills	1900
		Feeder No. 6	Sapphire Textile Mills No. 6	440

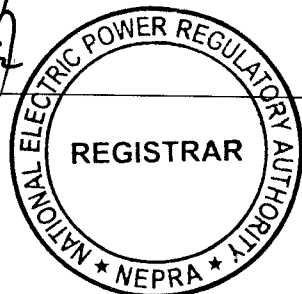
PART – B

The Network Facts given at items "A, B,C,D, E and F" of Part-B of the Schedule-I for Plant-1 are hereby replaced in its entirety with following:-

A.	No. of Consumers	07	
B.	Location of consumers (distance and/or identity of premises)	1-	Sapphire Textile Mills No. 5, 1-KM, Warburon Road, Feroze Wattoan-Sheikhupura.
		2-	Reliance Cotton Spinning Mills, 1-KM, Warburon Road, Feroze Wattoan-Sheikhupura.
		3-	Sapphire Fibres - Knitting Unit, 1-KM, Warburon Road, Feroze Wattoan-Sheikhupura.
		4-	Sapphire Textile Mills No. 6, 1.5-KM, Warburon Road, Feroze Wattoan-Sheikhupura.
		5-	Ali Akbar Spinning Mills, 22-KM Faisalabad Road, Sheikhupura

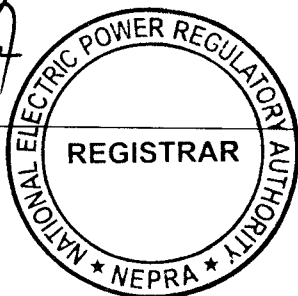


		6-	Diamond Fabrics Ltd, 26-KM Faisalabad Road, Sheikhupura		
		7-	Sapphire Fibres Ltd. No. 3, 26-KM Faisalabad Road, Sheikhupura		
C.	Contracted Capacity and Load Factor for consumer	Sr. No.	Consumer	Capacity (KW)	Load Factor
		1	Sapphire Textile Mills No. 5.	3000	Variable
		2	Reliance Cotton Spinning Mills	1500	-do-
		3	Sapphire Fibres - Knitting Unit	400	-do-
		4	Sapphire Textile Mills No. 6	3100	-do
		5	Ali Akbar Spinning Mills	1750	-do-
		6	Diamond Fabrics Ltd	4000	-do
		7	Sapphire Fibres Ltd. No. 3	2800	-do-
D.	Specify Whether i) The consumer is an Associate undertaking of the SPP- If yes, specify percentage ownership of equity;	Consumer	Associate undertaking of the SPP	percentage ownership of equity	
		Sapphire Textile Mills No. 5.	Yes	16.54%	
		Reliance Cotton Spinning Mills	-do-	-	
		Sapphire Fibres - Knitting Unit	-do-	16.54%	



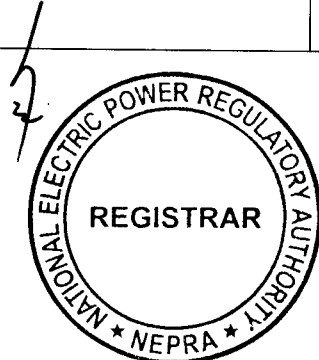
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		Sapphire Textile Mills No. 6	-do-	16.54%
		Diamond Fabrics Ltd	-do-	11.85%
		Sapphire Fibres Ltd. No. 3	-do-	16.54%
		Ali Akbar Spinning Mills	No	-
	ii) There are common directorships:	Consumer	Common Directorships (Yes/No)	
		Sapphire Textile Mills No. 5.	Yes	
		Reliance Cotton Spinning Mills	-do-	
		Sapphire Fibres - Knitting Unit	-do-	
		Sapphire Textile Mills No. 6	-do-	
		Diamond Fabrics Ltd	-do-	
		Sapphire Fibres Ltd. No. 3	-do-	
		Ali Akbar Spinning Mills	No	
	iii) Either can exercise influence or control over the other.	Consumer	Exercise of influence or control over the other.	
		Sapphire Textile Mills No. 5.	Yes	
		Reliance Cotton Spinning Mills	-do	
		Sapphire Fibres - Knitting Unit	-do-	
		Sapphire Textile Mills No. 6	-do-	
		Diamond Fabrics Ltd	-do-	



		Sapphire Fibres Ltd. No. 3	-do-
		Ali Akbar Spinning Mills	No
E.	Specify nature of contractual Relationship		
	i) Between each consumer and SPP.	Consumer	Details of contractual Relationship
		Sapphire Textile Mills No. 5.	Firm supply of electricity to consumers as and when required
		Reliance Cotton Spinning Mills	-do-
		Sapphire Fibres - Knitting Unit	-do-
		Sapphire Textile Mills No. 6	-do-
		Diamond Fabrics Ltd	-do-
		Sapphire Fibres Ltd. No. 3	-do-
		Ali Akbar Spinning Mills	-do-
		ii) Consumer and host DISCO.	Consumer
	Sapphire Textile Mills No. 5.		No
	Reliance Cotton Spinning Mills		-do-
	Sapphire Fibres - Knitting Unit		-do-
	Sapphire Textile Mills No. 6		-do-
	Diamond Fabrics Ltd		-do-
Sapphire Fibres Ltd. No. 3	-do-		
Ali Akbar Spinning Mills	-do-		

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Modification to Schedule – II

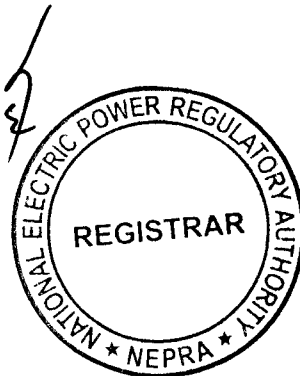
Of

Generation Licence No. 002/SGC/2001

In the name of

Sapphire Power Generation Limited

(Annexure-B)

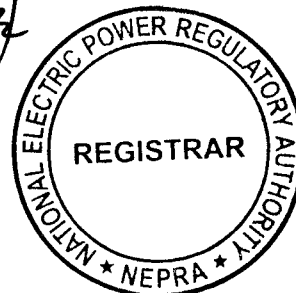
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Modification to
Schedule-II of the
Licence No. 002/SGC/2001

The Schedule-II of the Licence No. 002/SGC/2001 is hereby replaced in its entirety with the following:

1.	Gross Installed Capacity	Plant-1 [‡]	Plant-2	Total
		21.30 MW	4.60 MW	25.90 MW
2.	De-rated Capacity	21.30 MW	4.60 MW	25.90 MW
3.	Auxiliary Consumption	1.065 MW	0.18 MW	1.245 MW
4.	Net Capacity of the Plant	20.235 MW	4.42 MW	24.655 MW

[‡] The capacity of one (01) stand by engine (of 1 x 5.3 MW) has not been included



Modification to
Authorization
by
National Electric Power Regulatory
Authority

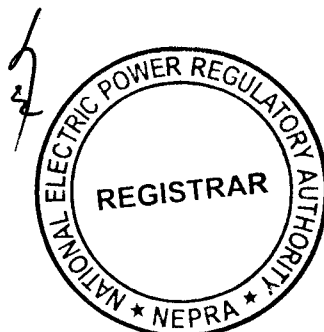
to

Sapphire Power Generation Limited
(SPGL)

for

Sale to Bulk Power Consumers

(Annexure-C)



Authorization by
National Electric Power Regulatory Authority

To

Sapphire Power Generation Limited

(SPGL)

**Incorporated under the Companies Ordinance, 1984
Under Certificate of Incorporation**

No. L06572, Dated September 15, 1993

NEPRA GENERATION LICENCE No. 002/ SGC/2001

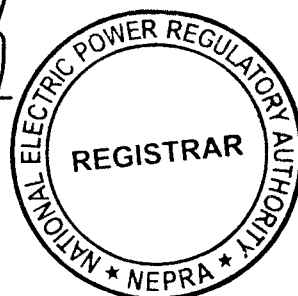
For

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 authorize Sapphire Power Generation Limited (Licensee) to engage in second-tier supply business, limited to the following consumers also mentioned in Schedules-I of the Generation Licence No. 002/SGC/2001. The earlier authorization granted is hereby cancelled and replaced with the following consumers:-

(A). **Sapphire Power Generation Limited (Plant-1)**

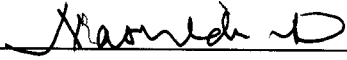
1. Sapphire Textile Mills No. 5, 1-KM, Warburon Road, Feroze Wattoan-Sheikhupura.
2. Reliance Cotton Spinning Mills, 1-KM, Warburon Road, Feroze Wattoan-Sheikhupura.
3. Sapphire Fibres - Knitting Unit, 1-KM, Warburon Road, Feroze Wattoan-Sheikhupura.



4. Sapphire Textile Mills No. 6, 1.5-KM, Warburon Road, Feroze Wattoan-Sheikhupura.
5. Ali Akbar Spinning Mills, 22-KM Faisalabad Road, Sheikhupura
6. Diamond Fabrics Ltd, 26-KM Faisalabad Road, Sheikhupura
7. Sapphire Fibres Ltd. No. 3, 26-KM Faisalabad Road, Sheikhupura

(B). Sapphire Power Generation Limited (Plant-2)

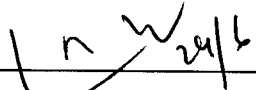
1. Sapphire Textile Mills No. 4. 64-K.M., Jamalabad, Dumber Khurd, Multan Road.
2. Amer Cotton Mills 64-K.M., Jamalabad, Jumber Khurd. Multan Road.



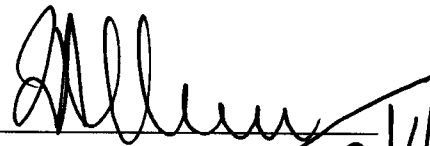
(Nasiruddin Ahmed)
Member

ON TOUR

(Abdul Rahim Khan)
Member



(Maqbool Ahmad Khawaja)
Member



(Zafar Ali Khan)
Member/Vice Chairman 23/6/08



