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Sapphire Power Generation Limited

The Registrar,  
National Electric Power Regulatory Authority,  
NEPRA Tower, Attaturk Avenue (East),  
Sector G-5/1, Islamabad.

Date: 3<sup>rd</sup> September, 2014

**Subject: Application for Licensee Modification in Generation License**

Dear Sir,

M/s Sapphire Power Generation Ltd. is pleased to submit to The National electric Power Regulatory Authority (NEPRA) its application for modification of its Generation License No.002/SGC 2001 in pursuant to section 26 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997('Act') read with regulation 10(2) of NEPRA licensing (Application and Modification procedure) Regulations, 1999.

We are enclosing a Bank draft (Net of Tax) for Rs.317,290/- (Rupees Three Hundred Seventeen Thousand Two Hundred Ninety Only) in favor of the Authority, being the applicable licensee proposed modification fee as published by the Authority in accordance with the Regulation 10(3), read with schedule-II of the said Regulation.

We would appreciate if the Authority consider our application and grant approval as requested.

Best regards,

Yours truly,

FOR SAPPHIRE POWER GENERATION LTD.

A handwritten signature in black ink, appearing to be "C. Iqbal", written over the printed name "Director".  
Director

Encl:

1. Modification to Schedule-I
2. Modification to Schedule-II

**SAPPHIRE POWER GENERATION LTD.**  
**APPLICATION FOR THE PROPOSED MODIFICATION OF ITS**  
**GENERATION LICENSE NO.002/SGC/2001 2<sup>ND</sup> JULY 2008**

**1.     Text for the Proposed Modification**

Sapphire Power Generation Ltd. (SPGL) proposed modification in its Generation License No.002/SGC/2001 dated 2<sup>nd</sup> July, 2008 by adding generation facilities from 25.9 MW to 56.8 MW.

**2.     Statement of Reason in Support of Modification**

In order to meet enhanced load requirement of SPGL consumers, generation facilities is being added.

**3.     Statement of the Impact on the Tariff, Quality of Services and Performance by the License of its Obligation under the License**

Not Applicable

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

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

**(A). PLANT CONFIGURATION**

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

5.a	Plant size	26.6 MW+25.6 MW(To be commissioned yet)	
5.b	Type of technology	Diesel Engine and Gas Engines	
5.c	Number of units	Gas Engine	Diesel Engines
		2	4+4
5.d	Unit Size	Gas Engine	Diesel Engines
		2.7 MW	5.3 MW and 6.4 MW
5.e	Unit Make and model	Gas Engine	Diesel Engines
		GE Jenbacher JGS/620GS	Niigata/16V32CLX and Warstsila 18V32 NL
5.f	Date of Commissioning	Gas Engine	Diesel Engines
		2008	1995(3*5.3MW) - 1998(1*5.3MW) and to be commissioned (4*6.4MW)

**(B). FUEL DETAIL**

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

6.a	Fuel type	Gas Engine	Diesel Engines
		Natural Gas	HFO
6.b	Fuel (imported/indigenou s)	Gas Engine	Diesel Engines
		indigenous	imported/indigenous

6.c	Fuel supplier	Gas Engine	Diesel Engines
		Sui Northern Gas Pipeline Limited (SNGPL)	Shell/PSO/Total Parco/Other OMC
6.d	Supply Arrangement	Gas Engine	Diesel Engines
		Through Pipeline	Road/Tanker
6.e	No. of tanks	Gas Engine	Diesel Engines
		Nil	3
6.f	Storage Capacity/Tank	Gas Engine	Diesel Engines
		Nil	2000 Metric Tons
6.g	Gross Storage	Gas Engine	Diesel Engines
		Nil	6000 Metric Tons

(C). PLANT CAPACITY

(i). The detail of plant capacity given at Item-9,10,11 and 12 for plant-1 are hereby replaced in its entirety with following:-

9	Installed capacity	26.6 MW+25.6MW (To be commissioned yet)
10	De-rated Capacity	21.3 MW + 20.5 MW

(D). ANCILLARY SERVICE

(i). The information about Spinning Reserve Service given at the 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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(E). PROJECT COST

(i). The detail 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 the following:-

14.a	Equity ( Thousand Rs.)	857,956
14.b	Debt. ( Thousand Rs.)	350,000
14.c	Total Project Cost(Approx) ( Thousand Rs.)	1,207,956

(F). AUXILIARY CONSUMPTION

(i). The detail given at Item 15.g for the plant-1 are hereby replaced in its entirety with the following:-

15.g	Auxiliary Consumption	1.67 MW
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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 the following:-

B.	Length of Each Feeder (KM)		Feeder No. 1	175 Meters
			Feeder No. 2	300 Meters
			Feeder No. 4	3600 Meters
			Feeder No. 5	2050 Meters
			Feeder No. 6	440 Meters
			Feeder No. 9	4150 Meters
				120 Meters
C.	Length of Each Feeder to each Consumer		Consumer	Length (Meter)
		Feeder No. 1	Reliance Cotton Spinning Mills	175 Meters
		Feeder No. 2	Sapphire Textile Mills# 5	300 Meters

		Feeder No. 4	Sapphire Fibers Ltd # 3	3600 Meters
		Feeder No. 5	Ali Akbar Spinning Mills	2050 Meters
		Feeder No. 6	Sapphire Textile Mills # 6	440 Meters
		Feeder No. 9	Diamond Fabrics Ltd.	4150 Meters
			Sapphire Fibers - Knitting Unit	120 Meters

**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 the following:-

A.	No. of Consumer	7	
B.	Location of Consumers (Distance and/or identity of premises)	1	Reliance Cotton Spinning Mills, 1KM Warberton road, Feroze Wattoan, Sheikhpura
		2	Sapphire Textile Mills# 5,1KM Warberton road, Feroze Wattoan, Sheikhpura
		3	Sapphire Fibers Ltd # 3, 26KM Faisalabad road, Sheikhpura
		4	Ali Akbar Spinning Mills, 22KM Faisalabad road, Sheikhpura
		5	Sapphire Textile Mills # 6,1.5KM Warburton road, Feroze Wattoan, Sheikhpura

		6	Diamond Fabrics Ltd., 26KM Faisalabad road, Sheikhpura		
		7	Sapphire Fibers - Knitting Unit, 1KM Warberton road, Feroze Wattoan, Sheikhpura		
C.	Contracted Capacity and Load Factor for Consumer	Sr. No.	Consumer	Capacity (KW)	Load Factor
		1	Sapphire Textile Mills # 6	7500	Variable
		2	Sapphire Textile Mills# 5	7500	-do-
		3	Reliance Cotton Spinning Mills	4800	-do-
		4	Sapphire Fibers Ltd # 3	6500	-do-
		5	Ali Akbar Spinning Mills	1300	-do-
		6	Diamond Fabrics Ltd.	10000	-do-
		7	Sapphire Fibers - Knitting Unit	600	-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	%age ownership equity
		Reliance Cotton Spinning Mills		Yes	0.20%
		Sapphire Textile Mills# 5		-do-	1.41%
		Sapphire Fibers Ltd # 3		-do-	2.29%
		Ali Akbar Spinning Mills		No	-
		Sapphire Textile Mills # 6		Yes	1.41%

Diamond Fabrics Ltd.	-do-	-
Sapphire Fibers - Knitting Unit	-do-	2.29%

ii) There are Common Directorship

Consumer	Common Directorship (yes/No)
Sapphire Textile Mills # 6	YES
Sapphire Textile Mills# 5	-do-
Reliance Cotton Spinning Mills	-do-
Sapphire Fibres Ltd # 3	-do-
Sapphire Fibers - Knitting Unit	-do-
Diamond Fabrics Ltd.	-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 # 6	NO.
Sapphire Textile Mills# 5	-do-
Reliance Cotton Spinning Mills	-do-
Sapphire Fibers Ltd # 3	-do-
Sapphire Fibers - Knitting Unit	-do-



E.		Diamond Fabrics Ltd., 26KM Faisalabad road, Sheikhpura	-do-
		Ali Akbar Spinning Mills	-do-
	Specify nature of contractual Relationship		
	i) Between each consumer and SPP	Consumer	Detail of contractual Relationship
		Reliance Cotton Spinning Mills	Firm supply of electricity to consumers as and when required
		Sapphire Textile Mills# 5	-do-
		Sapphire Fibers Ltd # 3	-do-
		Ali Akbar Spinning Mills	-do-
		Sapphire Textile Mills # 6	-do-
		Diamond Fabrics Ltd., 26KM Faisalabad road, Sheikhpura	-do-
		Sapphire Fibers - Knitting Unit	-do-
	ii) Consumer and host DISCO	Consumer	Relation with host DISCO
		Reliance Cotton Spinning Mills	YES
		Sapphire Textile Mills# 5	-do-
		Sapphire Fibers Ltd # 3	-do-
		Ali Akbar Spinning Mills	-do-
		Sapphire Textile Mills # 6	-do-
		Diamond Fabrics Ltd., 26KM Faisalabad road, Sheikhpura	-do-
		Sapphire Fibers - Knitting Unit	-do-

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

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

1	Gross Installed Capacity	Plant-1	Plant-2	Total
		26.6+25.6 MW	4.60 MW	56.8 MW
2	De-rated Capacity	21.3+20.50 MW	4.0 MW	45.8 MW
3	Auxiliary Consumption	0.852+0.82 MW	0.18 MW	1.852 MW
4	Net Capacity of the Plant	20.44+19.68 MW	3.82 MW	43.94 MW

PO No. 02232472

3778469

01480 Date SOULEVARD BR LAHORE

09-SEP-2014

This Banker's / Cashier's Cheque  
Requires Endorsement

Pay Order Not Over PKR \*\*\*\*\*317,290.00\*\*\*\*

Pay To NATIONAL ELECTRIC POWER REGULATORY AUTHORITY

Or Order

Pak Rupees THREE HUNDRED SEVENTEEN THOUSAND TWO HUNDRED NINETY AND 00/100 ONLY PKR

\*\*\*\*\*317,290.00

On Account of SAPHIRE POWER GENERATION LIMITED This PO is valid for 6 months only

Payable at : Any Branch of FBL in Pakistan

Please do not write below this line.

MOHAMMAD ASIM  
A-755

FAYSAAL AZIM LEHRI  
A-108

⑈02232472⑈0600148⑈000000000000000000⑈020⑈