



Shakarganj Energy (Private) Limited

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SEL/Bhone/1819
Date; 15 Sep.2014

To
The Registrar
NEPRA Islamabad

Subject: - Modification in Generation License No.SGC/46/2009 Granted to Shakarganj Energy Private Limited.


Please refer the modified Generation License No.SGC/46/2009 granted to Shakarganj Energy Private Limited on 29 June 2011.

Shakarganj Energy Private Limited has purchased another TG-Set of 16.5 MW Condensing/Extraction type to reinforce the Power Plant system.

- 1- At present Generation License is granted by NEPRA for supply of Power to FESCO and Shakarganj Mills Limited. Second Tier Supply Authorization (STSA) for supply of Power to bulk Power Consumer.
- 2- Now, another Amendment for the addition of new Bulk Power Consumer in the name of Crescent Hadeed Private Limited which is in the vicinity of 500 Meters from Shakarganj Energy Private Limited, is requested to supply 12 MW Power.

You are requested for the approval of amendment to supply the Power to Crescent Hadeed Private Limited. Necessary documents and bank draft of Rs.120,000/- for the Amendment of Generation License fee is attached herewith.

Regards,


Muhammad Siddique Sahi
Project In-Charge (Co-Generation)
Shakarganj Energy (Private) Limited
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CC:

1. CEO SEL Karachi
2. EVP SML Bhone

Registered Office:
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Tel : +92 42 3578 3801-03, Fax : +92 42 3578 3811

Plant:
57 Kilometre, Jhang Sargodha Road Bhone,
District Jhang.
Tel: +92 48 688 9212 -13, Fax: +92 48 688 9211



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SEL/Bhone/1869
Date: 28, Oct. 2014

To
The Registrar
NEPRA Islamabad

Sub: **Modification in Generation License No.SGC/46/2009**

Reference: - Letter No.NEPRAR/LAG-121/10913 dated September 18, 2014
Balance Fee drat of Rs.156, 880/- is being sent along with justification for the modification of Generation License.

The information required for generation License modification to present Regulation No.10 (2) a,b,c are as under
I- **Text of Proposed Modification**

Please find attached single line diagram of SEPL

Generation License No. SCG/46/2009 is granted for supply of Power to FESCO 4-6 MW and second Tier supply authorization (STSA) of 6 MW power to bulk Power consumer Shakarganj Mills Limited Bhone.

Modification in Generation License is requested for supply of power to new consumer which is the sister concern of Shakarganj Energy Private Limited.

12 MW power is required for Crescent Hadeed Private Limited to operate on full capacity which is in the vicinity of Shakarganj Energy Private Limited.

The installed capacity of SEPL is 31.5 MW having 15 MW back pressure TG-Set and 16.5 MW Extraction/Condensing TG-Set.

SEL has surplus Power with the addition of one more 16.5 MW Condensing/Extraction TG Set in the System even after supply power to Crescent Hadeed Pvt. Ltd.

II- **Statement of Reason in Support of Modification in the Generation License**

Shakarganj Energy Private Limited sell the Power to the National Grid as the 11 KV Transmission Line of FESCO from SEL Power Plant to 66 KV Jehanian Shah Grid is only capable of handling 4-6 MW Power. Extra power will be sold to Shakarganj Mills Limited under the Generation License given by NEPRA.

Crescent Hadeed Private Limited also requires power up to 12 MW and SEL has the capacity to supply power to this steel plant.


III- **Statement of the Impact on the Tariff, Quality of service and the performance of the License of its obligation under the License.**

The same tariff of FESCO will be applied to the Crescent Hadeed Private Limited. The Plant has the reserve capacity of power for sale and there will be no obligation under the License if modification is approved by NEPRA.

After issuance of revised Generation License SEL will supply Power to

- 1- 4-6 MW to FESCO
- 2- 06 MW to SML(Shakarganj Mills Limited)
- 3- 12 MW to CHL(Crescent Hadeed Pvt. Limited)

Regards,


Muhammad Siddique Sahi
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Shakarganj Energy (Private) Limited
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SEL/Bhone/19/9

Date: 10, December 2014

To
The Registrar
NEPRA Islamabad

Sub: Modification in Generation License No.SGC/46/2009

Reference: - Letter No.NEPA/R/LAG-121/10913 dated September 18, 2014

In continuation of previous correspondence and subsequent discussion regarding the Modification in Generation License No.SGC/46/2009. There are two changes to be made in the License as applied in Shakarganj energy Pvt. Limited.

Enhancement of Power Generation capacity by Addition of one more steam Turbine Generator Set of 16.5MW and 11 KV in the existing power Plant. The specification of New TG-Set is as follows,


Turbine	
Manufacturer	SKODA-JINMA
Turbine model	C16.5-6.5/0.3//480
Rated speed	6000/1500 rpm
Live steam Pressure	6.4 MPa
Temperature	480 Co
Extraction steam Pressure	0.3 MPa
Steam extraction Temperature	146.4Co
Generator	
Model	Q-16.5-W11
Exciter	
Type	brushless AC TFL127-10

As this TG-Set is Extraction-Condensing type, so we have the flexibility in the operation to run the Power Plant throughout the year for generation of Electricity.

Another amendment for the addition of new bulk Power Consumer in the name of Crescent Hadeed Private Limited which is in the vicinity of 500 meters from Shakarganj Energy Private Limited is requested to supply the 12 MW Power

You are requested to modify generation License as required with above modification

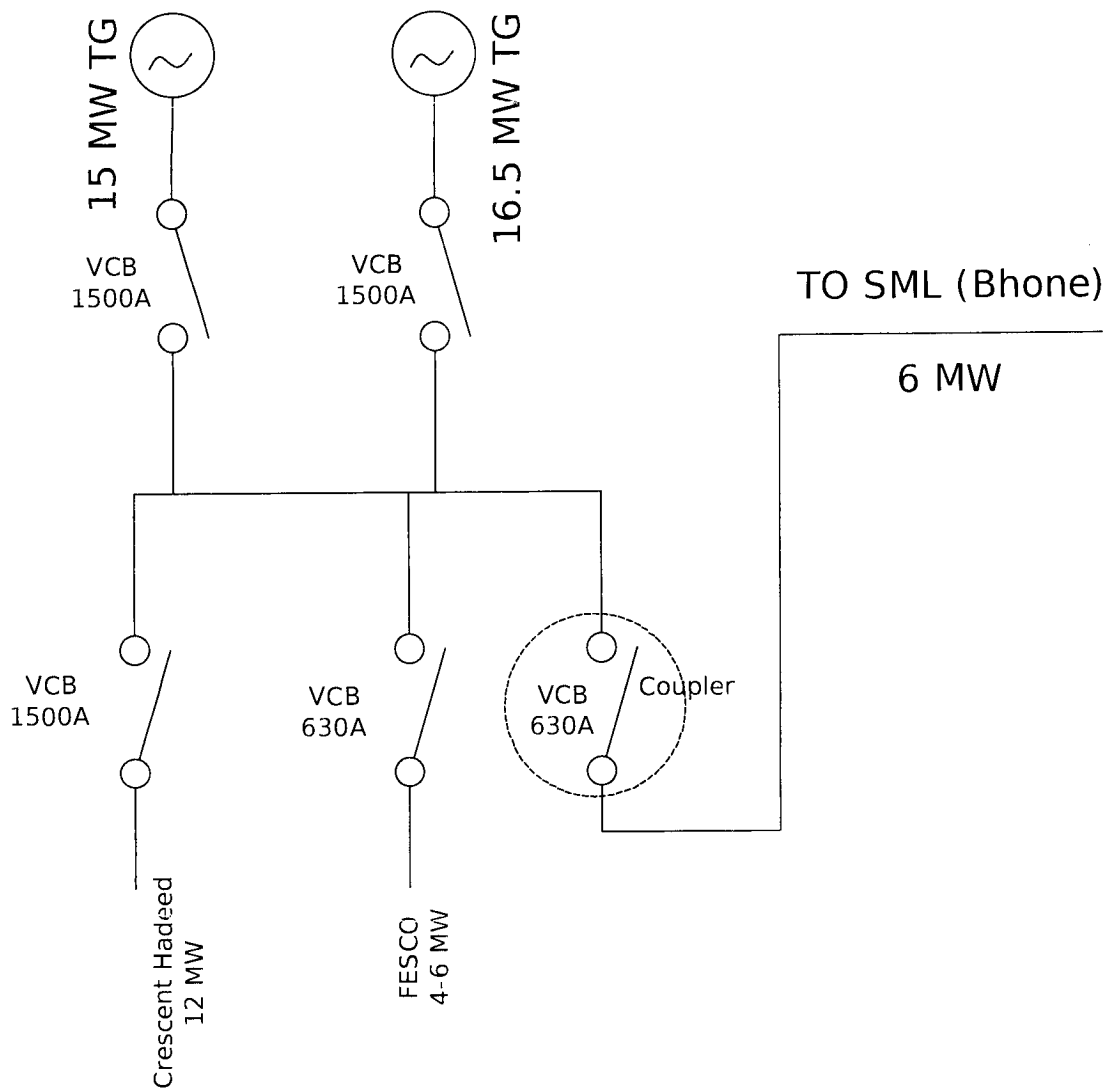
Regards,


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**SINGLE LINE DIAGRAM OF SEL
POWER HOUSE**



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