

POWER PRODUCERS POLICY

The Power Producers Policy is designed to assist and provide clarity to Customers and electrical Generation Proponents who wish to generate electrical power and operate in parallel with the Saskatoon Light & Power (SL&P) electrical distribution system.

Important Notes:

1. The policy applies to electrical power generated from all viable energy sources, although it is intended to promote electrical power generation from renewable energy sources such as wind and solar.
2. In order to provide a safe, effective and operationally functional interconnected system, all generation facilities must meet the requirements as specified in the Saskatoon Light & Power Interconnection Guideline IG2007.
3. The design of the generation facilities, and all electrical equipment contained therein, must meet CSA Standards. The generation facilities will be subject to inspections, and all associated costs and permit requirements, as levied by SaskPower Electrical Inspections.
4. The Generation Customer will be responsible for all incremental interconnection costs associated with metering changes and necessary upgrades to the SL&P system.
5. It will be necessary for the Generation Proponent to supply electrical power at a voltage level that is acceptable to the Utility grid to which it is connected.
6. In cases where the Customer is to be paid for electrical power provided to the SL&P electrical grid, special four quadrant metering is required to separately measure the power provided from the Customer to the Utility grid and the power provided from the Utility to the Customer. SL&P will provide the metering and the associated billing service at a charge to the Customer.
7. At the present time, energy banking is not provided.
8. The price provided by SL&P for the purchased electrical power is dependant on the type and size of the generation facility. Specifics are provided in this Policy and in the Interconnection Guideline. The major groups of power producers and the respective power purchase options are as follows:
 - a. Generation systems rated at <5 kWatts and connected to the Utility's secondary 120/240 volt distribution system.

For this rate of power production, the Utility will not purchase nor record any excess power that is produced. The Utility will provide and install, at

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no cost to the Customer, a meter which will record forward power flow but which will not rotate backwards nor record reverse power flow.

- b. Generation systems rated at < 100 kWatts and connected to the Utility's primary or secondary distribution system.

For this rating of power production, the Utility will record and purchase any energy provided back to the Utility grid. The price paid by SL&P for the purchased power will be equivalent to the applicable rate applied by SaskPower. To record the power flow, the Utility will install, at the Customer's expense, a four quadrant meter capable of recording power flow in both forward and reverse directions. It must be noted that option 8a generation facilities also meet the requirements of option 8b facilities. As such, operators of option 8a facilities may choose to receive payment for their excess energy provided that they also pay for the required special metering and billing services.

- c. Generation systems rated at >100 kWatts but <1000 kWatts and connected to the Utility primary distribution system.

The price paid by the Utility for power purchased in this category will be determined on a case by case basis. Four quadrant metering, capable of recording reverse power, will be supplied and installed by SL&P at the Customer's expense.

The technical requirements for connecting generators to the Saskatoon Light & Power electric distribution system are outlined in SL&P's document entitled "Interconnection Guideline IG2007". Included in this document is a discussion of the general process to be followed for addressing the technical issues associated with all requests to operate generation in parallel with SL&P'S system.

For more information on the interconnection requirements, or on SL&P's pricing policy, please refer to the City of Saskatoon website www.saskatoon.ca or contact:

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