

Public Advisory – Solar Energy Installations/Grid-Tie

The Guyana Power and Light Inc. (GPL) has embraced the Government of Guyana's vision for a green state and the associated benefits to the company and to the country. It is evident that many of our customers have also embraced the "green" vision without full knowledge of the requirements that must be satisfied for intended installations that will allow excess energy to penetrate GPL's network.

GPL has established Interim Technical Guidelines for these installations which can be found on our website at <http://gplinc.net/renewable-energy>.

The company therefore wishes to alert customers desirous of establishing an interconnection agreement with GPL of the following:

- Customers MUST formally submit a request for interconnection of electricity from solar installations with GPL's network to the Divisional Director – Customer Services at the company's Main Street Georgetown Office.
- These Photovoltaic (PV) / Solar installations must be compliant with the National Electric Code 2014 (NEC), particularly (but not limited to) Article 690 and Article 705, and be certified by the Government Electrical Inspectorate. Further, all interconnection equipment (inverters, charge controllers, etc.) must conform with the IEEE 1547 Standard and be listed under the UL 1741 Standard. GPL has compiled these requirements in our Interim Interconnection Requirements, which can be found on our website at the abovementioned URL.
- Customers are asked to note that at this time the maximum allowed installation on a customer's premises will be based on their demand, subject to a limit of 100kWp (peak power). Customers can determine the size of installation that would be allowed by using our calculator, which can be found on our website at the abovementioned URL.
- In addition, GPL will conduct an interconnection evaluation in order to ensure that prospective customers can be safely integrated with the company's distribution network. This is to avoid any possible technical, safety and/or security issues that can result from non-compliant connections to the distribution network.

GPL wishes to remind all interested customers that it is illegal and unsafe to establish unauthorized interconnections with the company's distribution network. If you connect to GPL's grid without permission it can be dangerous for your neighbours and GPL crews, and furthermore it may destabilize the normal electricity supply in your area.