Georgia residential solar

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Residential Rooftop Solar

We offer a Solar Adviser tool that will ask you a series of questions to help you decide if a solar installation could be a good option for you. You will need your Georgia Power account number to complete this tool with the option to be contacted about installing solar. With your Georgia Power account number handy, please select "View Tool" below, to visit our Solar Advisor Tool and determine if solar is a viable option for your home.

System installation costs vary based on the size of your home, available mounting roof space, complexity of the roof design and budget. The amount of energy produced is based on several factors like: tilt angle, orientation, and shading conditions. The Solar Advisor Tool will help you estimate what a solar installation could cost as shown here.

Neither Georgia Power nor the State of Georgia currently offer any incentives or rebates for residential solar installations. However, there is a federal investment tax credit available for 30%. We would recommend speaking with an accountant or CPA to ensure you can take advantage of it when you file your taxes the next year. For more information, please visit the EnergyStar website.

Solar panels are warrantied for 25 years and typically last 30-35 years and generate electricity in the form of direct current (DC). There is another piece of equipment needed for the installation called the inverter, included with the system. The inverter converts the electricity from direct current (DC) to alternating current (AC). The inverter typically lasts 15-20 years; you may have to replace the inverter at some point during the life span of the solar panels, and that replacement cost is not included. Lastly, the inverter is wired directly into the breaker panel box. The installer would need to check the panel box to see if space is available.

The Distributed Energy Resources (DER) Owner may choose to install their own step-up or step-down transformer to match the renewables equipment voltage with the service voltage. For three-phase inverter-based DER interconnections, the DER-Owner transformer must have grounded-wye windings on the Company side and grounded-wye windings on the DER side, with no delta tertiary windings.

No. Since your system would be grid-tied, for safety reasons, if there is a power outage your solar system will automatically shut off when the power goes out. If you have a solar battery system added to your solar PV system, your power will continue to work. Solar batteries can add as much as 30% to the cost of a solar system presently.

We typically recommend our customers begin by contacting a certified installer to perform an onsite evaluation of current conditions at your facility and to provide you with a proposal for a solar installation. It is

best to obtain 2-3 proposals as solar installers may offer competitive pricing and financing.

The interconnection fee covers the costs associated with processing and managing the application, Witness Testing, and reprogramming the meter for projects <250kW AC. Projects >250kW AC will also have an additional Witness Testing fee. Please reference the following table for a current schedule of fees:

Project Size: <= 250 kW ACProgram: RNR or Energy Offset OnlyInterconnection Fee: $100Project Size: >250 kW AC *Program: Energy Offset OnlyWitness Test Fee: $3,900 (weekday)--$4,400 (weekend)*Projects>250 will have an Interconnection & Witness Test fee

For projects less than or equal to 250kW AC, the interconnection fee is added as a line item on the customer"s bill after the interconnection process is completed. Any projects that are greater than 250kW AC will also be charged a witness test fee billed to the customer through a Non-Electric Service Business (NESB). At this time, fees are charged to customers only.

Renewable systems connected to standard distribution feeder resulting in >250kWAC in aggregate on the feeder

Contact us for free full report

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