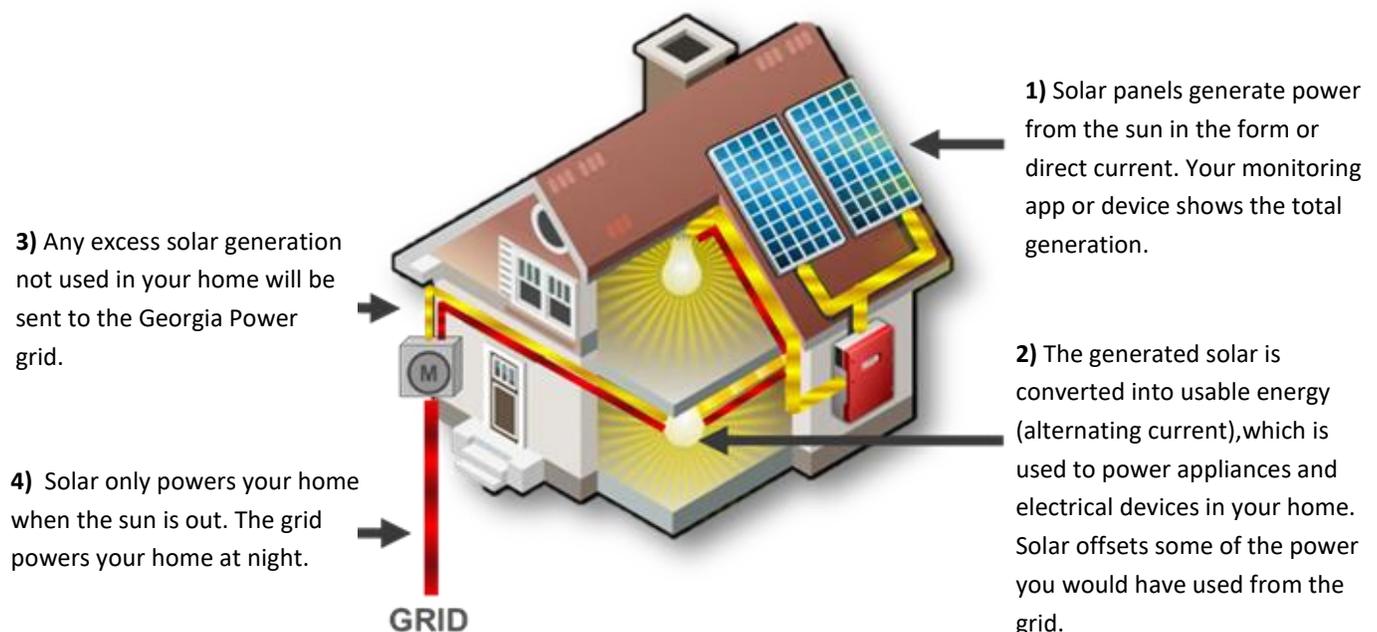


# How Solar Works

Solar panels are typically mounted on the rooftop but can also be ground mounted. The diagram below is a depiction of how the panels harness energy from the sun and converts it into usable power in your home or business. If your system produces more power than you can use at any given time, the excess generation is sent to the Georgia Power grid. If your system is not producing enough energy to meet your needs, your building will utilize energy from the grid. Whenever the sun is not shining, during overcasts, or power outages, all your energy needs will be met by the grid unless your solar system includes a battery back-up. Each month, your Georgia Power bill will consist of the amount of power you utilized from the grid.



## Get the Facts

- Georgia Power is only able to track the amount of power you use from the grid and any excess solar generation you send back. Your total solar generation is tracked through your monitoring app or device.
- Solar will not offset 100% of your usage. You will still use power from the grid at night, whenever the sun is not shining, during overcasts, and whenever your solar system is not producing enough energy to power your home.
- You may be compensated for excess solar generation depending on your program participation. Visit [georgiapower.com/btm](http://georgiapower.com/btm) for program information.
- The inverter component of your solar system uses power from the grid to operate. If the power goes out, so will the power for your home unless you have a battery back-up.