

### 1. Where can I find information about the Interconnection Requirements on GUC's website?

Interconnection Requirements as well as a brief description of the interconnection application process can be found on GUC's website via the following link.

[Renewables & Customer Generation | Greenville Utilities Commission \(guc.com\)](#)

### 2. What is the maximum size generating facility that is allowed to be installed?

For residential customers the maximum size system allowed is 20 kW-AC.

For commercial customers the maximum size system allowed is 500 kW-AC.

For generating facilities that exceed 500 kW-AC require a Purchase Power Agreement (PPA) with North Carolina Eastern Municipal Power Agency (NCEMPA) and design coordination with Greenville Utilities Commission.

### 3. Where can I find the Interconnection Application for generating facilities no larger than 20 kW?

The application can be found in **Attachment 5** of the [Interconnection Procedures, Forms, and Agreements](#).

### 4. How much is the Interconnection Application Fee for generating facilities no larger than 20 kW?

Application Fee is \$250 which will be billed against customer's account as a one-time "Electric Solar Interconnection Fee" at the time an application is received. It is recommended to follow up with your solar provider to verify payment responsibility.

### 5. How can I pay for the Application Fee?

The fee can be paid by Phone, In Person, or by Mail with the customer's account number, address, and purpose of payment.

[Billing & Payment Options | Greenville Utilities Commission \(guc.com\)](#)

### 6. What Meter Arrangement options does GUC currently offer?

- a. Bilateral Metering "Buy All, Sell All"
- b. Residential Time of Use with Demand Net Metering "Net Metering"
- c. Residential Renewable Excess Energy Buy Back Bi-Directional Metering "Net Billing"

Reference the following link to GUC website for additional information.

[Renewables & Customer Generation | Greenville Utilities Commission \(guc.com\)](#)

**7. Where can I find the Electric Rate Schedules for each Metering Arrangement?**

[Electric Rates | Greenville Utilities Commission \(guc.com\)](#)

[Renewables & Customer Generation | Greenville Utilities Commission \(guc.com\)](#)

**8. What is the difference between Net Metering and Net Billing?**

The difference is how the Excess Solar Energy Credits are applied to reduce the customer’s Utility Bill.

**Net Metering (ER-2):**

- Excess Solar Energy Credits supplied to the Utility are subtracted from the Energy Consumed from the Utility at a 1:1 rate resulting a Net Energy to be billed during On/Off Peak Hours.
- Remaining On/Off Peak Energy Credits may accumulate during the year to be applied towards future bills in the form of Kilowatt-Hours (kWh).
- Accumulated Energy Credits reset to zero on June 30<sup>th</sup>. No compensation is paid for remaining credits.

**Net Billing (ER-3):**

- Excess Solar Energy Credits supplied to the Utility are applied to the bill as a monetary value at a Buyback Rate to help offset the total Energy Consumed from the Utility at a Retail Rate.
- The amount of Excess Solar Energy Credits (kWh) are limited to the amount of total Energy Consumed (kWh) from the Utility within the billing period.
- Excess Energy Credits are not allowed to accumulate is to be applied towards future bills.

**9. Under the Net Meter option, when are the On Peak Energy Hours?**

On Peak Energy Hours can be referenced in Section III of the Residential TOU with Demand Net Metering Electric Rate Schedule (ER-2) as shown below.

[Electric Rate Schedule ER-2 - July 1, 2019 \(guc.com\)](#)

<u>DETERMINATION OF ON-PEAK AND OFF-PEAK HOURS</u>	
On-Peak hours are Monday through Friday, excluding holidays as defined below:	
<u>Calendar Days</u>	<u>On-Peak Hours</u>
October 15 – April 14	7:00 am to 10:00 am; 5:00 pm to 9:00 pm
April 15 – October 14	2:00 pm - 8:00 pm
Off-Peak hours are Saturday and Sunday and holidays as defined below:	
Holidays are defined as weekdays celebrating New Year’s Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day plus Friday, and Christmas Day.	

**10. How can I lower my Utility bill?**

Under the Net Meter option, it is recommended to consume energy (kWh) from the Utility during the Off Peak Hour when the rate is the lowest. It is also advised to spread out the customer's daily load by not operating multiple appliances at once to minimize the maximum Demand that is measured every 15 minutes 24/7 within the billing period. In addition, under the Net Meter and Net Billing options, operate home appliances that require the most demand/power during peak sun hours so the solar system can help offset the amount of energy (kWh)/demand (kW) needed from the Utility. Furthermore, it is recommended to only charge an available behind the meter battery storage system from the solar system and never from the Utility.

Additional information on "Ways to Save" can also be found on GUC website via the following link.

[Energy Services | Greenville Utilities Commission \(guc.com\)](#)