

Virginia (Dominion Power) – Summary of Net Metering and Interconnection Rules and Rates

Net Metering

Net metering is available to those customer, served on non-time of usage rate schedules, who own and operate a “renewable fuel generator” for the purposed of offsetting all or part of the metering customer’s own requirements for the electricity supply service from the company.

A “renewable fuel generator” meets the following requirements:

- has an alternating current capacity of not more than 10 kW for residential customers and not more than 500 kW for non-residential customers
- uses as a fuel source solar, wind or hydro energy
- is owned and operated by the customer
- is interconnected and operated in parallel with the company’s electric distribution system

Net Metering Licensure

1. The customer must have all interconnection equipment installed prior to submitting a notification form to the Company.
2. The Company has 30 days from the notification date for customers with a renewable fuel generator with a rated capacity of not more than 25 kW and 60 days from the notification dated for a generator above 25kW to determine if the customer has met all requirements.

Conditions of Interconnection

1. The customer must install a lockable, company accessible load breaking manual disconnect switch to disconnect the generator;
2. A licensed electrician has certified that the manual disconnect switch has been installed and is working properly.
3. The customer must certify that the generator is in compliance with national standards
4. In the case of static inverter-connected renewable fuel generators with an alternating current capacity in excess of 10kW the customer has had inverted settings inspected by the Company and must pay \$50 for this inspection.
5. For non-static inverter-connected renewable fuel generators, the customer must follow the Company’s interconnection guidelines and must pay \$50 for an inspection of all protective equipment.

Additional conditions for customers with a renewable fuel generator with a capacity exceeding 25 kW

1. The capacity of the facility must be less than the capacity of the Company-owned secondary, service and service entrance cable connected to the point of interconnection, unless the customer reimburses the Company’s cost to modify facilities.

2. The renewable fuel generator must not have the ability to overload the Company transformer, beyond manufacturer or nameplate ratings, unless the customer reimburses the Company for these necessary modifications.
3. The grounding scheme of the renewable fuel generator must be consistent with the Company's grounding scheme and must comply with IEEE 1547, Standard for Interconnecting Distributed Resources with Electric Power Systems, July 2003.
4. The generator must not create a voltage imbalance of more than 3.0% at any other customer's revenue meter if the Company transformer, with the secondary connected to the point of interconnection, is a three-phase transformer, unless the customer reimburses the Company for these modifications.

Liability Insurance

1. A customer with a renewable fuel generator with a rated capacity not exceeding 10 kW must maintain homeowners, commercial or other insurance providing coverage of at least \$100,000, and for a generator with a rated capacity exceeding 10 kW the coverage shall be at least \$300,000.