

Sioux Valley Energy's Process for Small Power Production Interconnection

Contact & Contract

1. The Cooperative member should contact a Sioux Valley Energy representative (800-234-1960) to discuss the member's intention to install /connect a small power production facility. This contact may be beneficial to both the member and the cooperative in case there are any electrical design or layout issues that should be discussed or addressed prior to the installation of the small power production facility.
2. Sioux Valley Energy will provide an application that must be filled out and returned to SVE for review. SVE must verify that the unit meets IEEE and UL standards for interconnection to the grid. The member will need to know the type, brand and model of the unit they plan to install as this information is required on the application.
3. Once the application is accepted and the small power production facility is installed a contract or Power Purchase Agreement (PPA) is sent to the member. The member must fill out the PPA as per the instructions that are sent with the document. It must be signed and return it to SVE.
4. An onsite visit by Sioux Valley personnel is required once the installation is complete to verify the installation meets SVE guidelines.

Requirements

Disconnecting Means

A disconnect switch must be installed in line with the small power production facility that will provide the capability to disconnect the small power production facility from the SVE system. This disconnect switch must be installed in a location that is accessible to SVE personnel, provide a visible open disconnection, (a circuit breaker is not acceptable) and be labeled with a permanent type label indicating its purpose.

Insurance

The member is required to carry liability insurance as per the Power Purchase Agreement. SVE must receive proof of insurance prior to interconnection to the SVE grid.

The complete electrical installation must be inspected by the State Electrical Inspector prior to being connected to the SVE system.

Rates

“Buy All Sell All”

A member who chooses the “Buy All Sell All” rate would connect their small power production facility ahead of their present utility meter so all electricity produced by the small power production facility would be put directly onto the SVE system. Connecting the Small Power Production Facility in this manner will require another SVE service /meter. This additional service/meter would be subject to the monthly facility charge as per its rate classification. The member would continue to purchase all of their electricity from SVE as they have done in the past.

In summary the member will “Sell” the entire output of the small power production facility and continue to “Buy” all the electricity they need in their home/farm from SVE.

SVE settles all accounts monthly either by credit toward the account or issuing a check if it is due. Please contact a SVE representative for rate information.

“First User”

A member who chooses the “First User” rate would connect their small power production facility behind (on the members’ side) the utility meter. Connecting behind the meter allows the member to be the *first user* of any electricity that the small power production facility produces. Only the excess electricity that is produced by the facility would be sold to the utility company.

If a member is on the Sioux Valley Energy Electric Heat Rate the electric heat must be metered so it is the priority load for any distributed generation connected behind the main meter. Any equipment and labor required for rewiring of the Electric Heat submeter is the responsibility of the member.

SVE settles all accounts monthly either by credit toward the account or issuing a check if it is due. Please contact a SVE representative for rate information.

Fees

The member is responsible for the total cost of any upgrades such as transformer changeouts or primary/secondary line rebuilds that are required due to the connection of the small power production facility. Any work that is required to upgrade the SVE system to accommodate the small power production facility must be completed by SVE personnel.

Incentives/Rebates

For a list of all rebates offered by Sioux Valley Energy please visit our website at www.siouxvalleyenergy.com /Products and Services / Rebates

Note:

This information is only intended to help the member better understand the process for connecting cogeneration equipment to Sioux Valley Energy's system. For more information please refer to the application, power purchase agreement, and Sioux Valley Energy's MOG 3-3