

## *Member Responsibilities*

- Arrange for the installation of the net-metering facility including the equipment required for the interconnection with the utility system
- Have the installation and interconnection of the net-metering facility approved by the Oregon State Building Codes Division
- Operate the net-metering facility safely and in accordance with the operating guidelines from the manufacturer
- Maintain the net-metering facility in accordance with the manufacturer's specifications
- Execute an interconnection agreement with Douglas Electric for the net-metering facility.



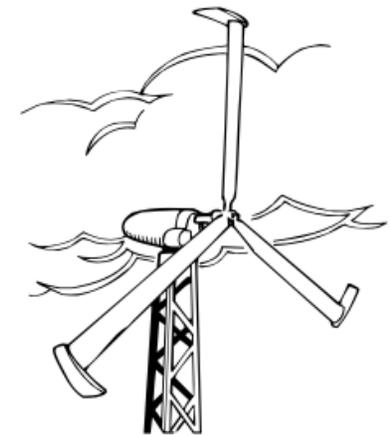
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## **Guidelines for Interconnecting Net-metering Facilities**



**DOUGLAS**  
ELECTRIC COOPERATIVE

A Touchstone Energy® Cooperative   
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## Interconnection Guidelines

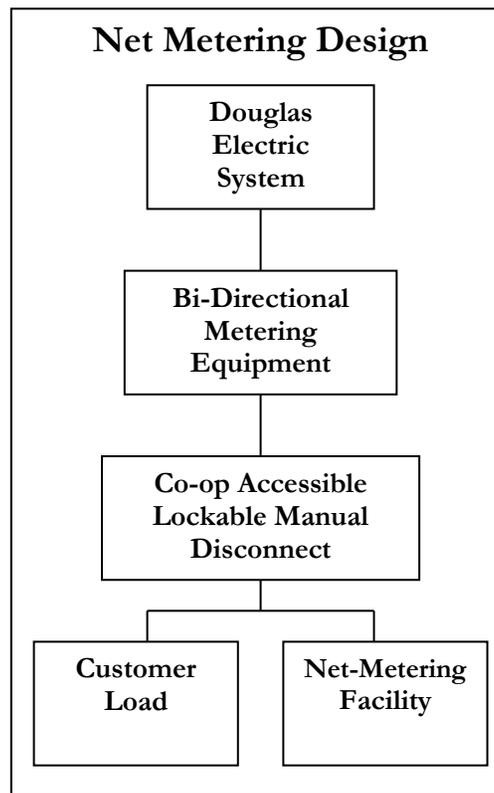
In 1999, Oregon enacted a law enabling utilities to offer net-metering service to their customers. This brochure describes the Cooperative's requirements for the interconnection of net-metering facilities. Our primary objective is that all net-metering facilities be interconnected safely and in accordance with all applicable codes and regulations without adverse affects to the electrical system or to other members. A secondary objective is that the costs associated with net-metering services are borne by those members requesting this service.

## Net-metering Facilities

Net-metering facilities are certain generating resources with a capacity of up to 25 kilowatts, and can be hydro, wind, solar, or fuel-cell technologies. Also, the net-metering facilities must be located on the customer's premises and used to serve the customer's electrical demand (load).

## General Interconnection Requirements

- Net-metering facilities must comply with all applicable codes and regulations. The Oregon Building Codes Division must approve the installation of all net-metering facilities.
- Net-metering facilities must not adversely affect the safety of the Cooperative's personnel or the reliability and power quality of the utility system.



- Net-metering facilities must automatically disconnect from the utility system when the power to the utility system is lost.
- A readily accessible, lockable, manual disconnect switch must be installed.
- Approval for operation in parallel with the Cooperative's system must be obtained prior to the operation of any net-metering system.
- The Cooperative inspects at least annually at a cost of \$35 per inspection.

## Code Requirements

The customer is responsible for the design, installation, operation, and maintenance of their own net-metering facility. The Oregon Building Codes Division has responsibility for inspecting and approving the installation of net-metering facilities. Customers should contact the Building Codes Division for information about the current code requirements. The Cooperative does not design or install net-metering facilities.

## Lockable Manual Disconnect

A readily accessible, lockable, manual disconnect switch is required so that the Cooperative's personnel can disconnect net-metering facilities from the utility power system. Net-metering facilities will be disconnected for the following reasons:

- maintenance is required on the adjacent utility power system.
- operation of the net-metering facilities could adversely affect the reliability of the utility power system.
- operation of the net-metering facilities could degrade the quality or service to other members of the Cooperative.

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