

Tips for Working With Your Electric Utility

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Utility Requirements

- Safety, Safety, Safety, Safety, Safety

- National Electric Safety Code (NESC®)

- National Electrical Code (NEC®)

- Occupational Safety and Health Administration (OSHA)

- Underwriters Laboratory (UL®)

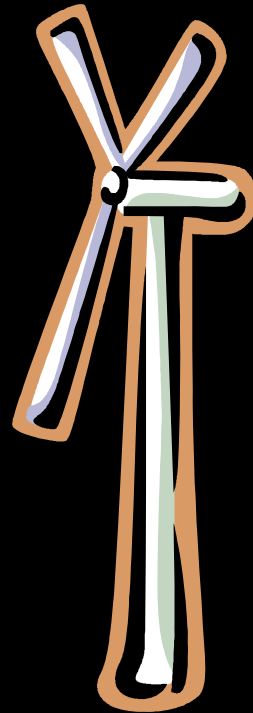


- The electric utility will have requirements that must be satisfied prior to interconnection.



Purpose of Requirements

- To meet ALL applicable safety codes
- To ensure that your electricity will be measured properly



Safety Details

- Generating system must meet the following:
 - UL-Listed OR certified by a professional engineer licensed by the State of MN
 - Successfully pass an electrical inspection conducted by a State Electrical Inspector



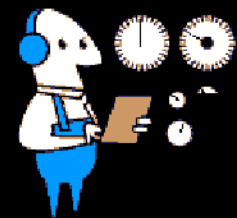
Safety Details, Continued

- The unit must shut down automatically if the electric utility has a problem.
- There must be a **VISIBLE, LOCKABLE**, disconnect switch accessible to the utility.
 - ✓ Needed to satisfy OSHA “Lockout/Tagout (LOTO)” procedures



Electricity Measurement

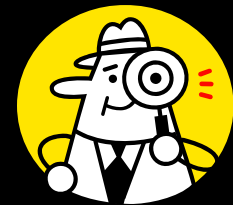
- A standard residential meter may not accurately measure the direction of electricity flow.
- If the utility has an automated meter reading (AMR) system installed, a special meter is probably required.
- The utility must be notified or you may not receive proper compensation.





Items to Remember

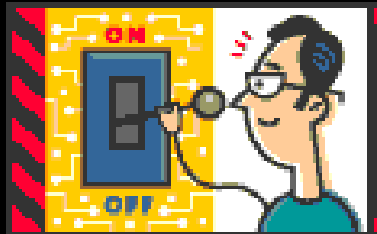
- UL-Listed or PE-certified design is required
- Visible, lockable disconnect switch is required
- Electrical inspection is needed
- Contracts must be signed





Items to Remember

- Liability insurance must be purchased by the generation owner
- Utility metering must be changed
- Utility may ask to conduct a site visit to clearly identify the location of the disconnect & label it
- Utility may want to run a shut-down test



Questions?

