

## TIDELAND ELECTRIC MEMBERSHIP CORPORATION

### SMALL RENEWABLE GENERATION INTERCONNECTION PROCESS CHECKLIST

This checklist is to be used by members intending to install and operate a small generating facility (50 KW or less) interconnected to Tideland Electric Membership Corporation's electric distribution system. Member should take steps to ensure that all items in this checklist are complete and authorization has been given from Tideland EMC to interconnect before bringing generation on line and connecting to Tideland EMC's system.

- 1)  Generating facility maximum rating does not exceed 50 kW. Voltage to be 120/240V single phase; or 120/208V or 277/480V three phase.
- 2)  Generating facility has been registered with the North Carolina Utilities Commission (NCUC) and a "report of the proposed construction of an electric generating facility" filed (see NCUC Rule R8-65).
- 3)  Member has completed the "Tideland EMC Application to Interconnect" (application) form and submitted it with the application fee of \$250 to Tideland EMC.
- 4)  Tideland EMC's engineering department has performed an engineering study to determine the generation facility's impact on Tideland EMC's system.
- 5)  Tideland EMC's engineering department gives approval for the installation of the generating facility on Tideland EMC's system.
- 6)  Member has agreed to the terms of and signed the "Standard Interconnection Agreement for Tideland EMC" (interconnection agreement).
- 7)  Member has provided the following documentation:
  - a. signed application to interconnect
  - b. signed interconnection agreement
  - c. copy of NCUC "report of the proposed construction of an electric generating facility"
  - d. proof of general liability insurance in the amount of \$100,000 (residential applications) or \$300,000 (all others)
  - e. a letter certifying that the generating facility meets all applicable IEEE, NEC, and UL standards
- 8)  Member has received approved electrical inspection from local governing body.

After member meets the above requirements Tideland EMC will install metering to interconnect the generating facility with Tideland EMC's system. Tideland EMC reserves the right to have representatives present when the facility is initially brought on line.