



APPLICATION FOR SPD APPROVAL TO CONSTRUCT DISTRIBUTED GENERATION INTERCONNECTION

4550 West Husker Highway, PO Box 1687, Grand Island, NE 68802
308-384-2350, email: operations@southernpd.net

The Distributed Generation (DG) Owner (herein described as 'Owner') requests Southern PPD approval to construct and operate Distributed Generation (DG) equipment in closed transition (parallel) with the Southern PPD system in accordance with and as defined in the latest version of the Southern PPD Distributed Generation Standard.

I. DG FACILITY OWNER AND/OR OPERATOR INFORMATION:

DG Facility Owner _____

Southern PPD Service Account Number (if known) _____

Address _____

City _____ State _____ Zip Code _____

Day Phone _____ Night Phone _____ Fax _____

Email _____

DG Facility Operator (if different than above) _____

Address _____

City _____ State _____ Zip Code _____

Day Phone _____ Night Phone _____ Fax _____

Email _____

II. FACILITY DESIGN/ENGINEERING:

Company _____

Representative _____

Address _____

City _____ State _____ Zip Code _____

Phone _____ Fax _____ Email _____

III. FACILITY ELECTRICAL CONTRACTOR:

Company _____

Representative _____

Address _____

City _____ State _____ Zip Code _____

Phone _____ Fax _____ Email _____

IV. DG FACILITY INFORMATION:

DG Facility Name _____

Address _____

City _____ State _____ Zip Code _____

V. TYPE OF FACILITY

Solar Photovoltaic Wind Turbine Other (specify) _____

VI. GENERATOR RATINGS (Indicate Per Unit/Combined)

Rated output _____ / _____

VII. INVERTER DATA:

Size _____kW

Voltage _____KV

Power Factor _____

Phase (check one) 1 3

Inverter Manufacturer and Model Number _____

VIII. TRANSFORMER (If Applicable):

If transformer(s) will exist between the generation and the facility service entrance/interconnection point, describe transformer(s) (voltage, windings (wye-wye, etc), type, taps, ratings). Attach manufacturer’s data.

IIX. CLASSIFICATION:

Duration of Parallel Operation (check one)

Momentary Operation

Sustained Operation

Comments: _____

NOTE: Southern PPD requires a lockable disconnect which provides a visible means of verifying the switch contacts are in the open position to be located within 10’ of the Southern PPD meter on an independent support structure.

IX. ISLANDING AND PROTECTION:

SOUTHERN PPD requires all equipment packages for interconnection to be certified by a nationally recognized testing and certification laboratory in compliance with IEEE 1547, Standard for Interconnecting Distributed Resources with Electric Power Systems, as amended and supplemented. IEEE 1547 can be obtained through the IEEE at 445 Hoes Lane, P.O. Box 1331, Piscataway, New Jersey 08855-1331 or at www.ieee.org.

SOUTHERN PPD does not allow islanding (see glossary) of DG facilities on the SOUTHERN PPD system. The DG facility must isolate itself from the SOUTHERN PPD system in the event of a SOUTHERN PPD outage.

Is the Distributed Generation facility IEEE 1547 compliant: Yes No

Is the Distributed Generation facility UL 1741 compliant: Yes No

X. SCHEDULE:

Date scheduled for start of DG installation / construction _____

Date scheduled for completion of installation / construction _____

SOUTHERN PPD requires notification of construction 60 days before construction is to begin.

SUBMIT THE FOLLOWING DOCUMENTS WITH THIS APPLICATION:

- A site plan and floor plan of the proposed DG facility and/or installation indicating installed DG equipment locations.
- A one-line diagram of the proposed generator installation on the Owner’s electrical system, noting all bus voltages, conductor properties, generating equipment, interconnection point(s), and interconnection disconnecting device(s).
 - Southern PPD may require this document bear the stamp of a Professional Electrical Engineer registered in the state where the project is being constructed.
- A schematic diagram of the proposed protective relay scheme indicating CT and PT monitoring points and protective functions provided (when required).
 - Southern PPD may require these documents bear the stamp of a Professional Electrical Engineer registered in the state where the project is being constructed.
- Detail sheets/catalog cuts of information on the generator, interconnection disconnect switch, interconnection breaker, interconnection switchgear, or other related equipment.
- Documentation confirming that a nationally recognized testing and certification laboratory listed the equipment as IEEE 1547 compliant.

Comments: _____

By submitting this application, the Owner agrees to the following:

- The Owner has reviewed, is familiar with, and agrees to comply with all requirements of the Southern Public Power District Distributed Generation Standard.
- The Owner has reviewed and is familiar with the terms of the ‘Utility Service Termination Clause’ for failing to meet and maintain requirements for interconnection, as outlined in the Southern Public Power District Distributed Generation Standard.
- The Owner has reviewed and is familiar with the ‘Interconnection Expenses’ section of the Southern Public Power District Distributed Generation Standard, and is aware of and agrees to comply with the Owner’s financial obligations to Southern PPD, incurred by the addition of this new DG capacity.
- At no time will the new DG equipment be allowed to operate in closed transition with the Southern PPD system until the ‘Southern Public Power District Agreement for Closed Transition Operation of Distributed Generation’ is executed between the Owner and Southern PPD. This includes momentary closed transitions between the Owner’s generation and the Southern PPD system for testing or calibration purposes. The only exception is if the DG installation is essentially complete, Southern PPD has been notified in advance of the intention to operate in parallel, and a Southern PPD representative is present to witness the closed transition operation. Note such witness tests do not necessarily take the place of the final ‘Witness Test’ outlined in the ‘Southern Public Power District Agreement for Closed Transition Operation of Distributed Generation’. Owner shall be liable for any and all damages and expenses incurred by Southern PPD and its customers due to the unauthorized or improper closed transition operation of Owner generation with the Southern PPD system.
- The operation of this Owner equipment during the test period and subsequent normal operation shall not cause objectionable electrical disturbances external to the DG facility.
- All members of the Owner’s construction project team (including contractors, engineers, and suppliers) and all DG facility operating personnel will be made aware of the terms of the Southern Public Power District Distributed Generation Standard and this application.
- If the capacity of the generation system is 25 kW or less, the District will offer to net generation excess above the customer’s use against other use at the same meter location during the same month. Any excess generation over and above the customer’s total use for the month will be paid to the customer at the rate “DG”, as may be amended from time to time by the Board of Directors.

GENERATION CAPACITY	APPLICATION FEE
≤ 25kW	\$150
>25kW and ≤ 100kW	\$500
>100kW	\$1,000

XI. AUTHORIZATION:

FOR THE CONTRACTOR:

Printed: _____

Signed this _____ Day of _____, _____

FOR THE DG FACILITY OWNER:

Printed: _____

Title: _____

Signed this _____ Day of _____, _____