

## **Fast Track Process (Version 02-26)**

### **1. Applicability**

- a. The Fast Track Process is available to an Interconnection Member (“Member”) proposing to interconnect its Distributed Energy System with the Distribution Provider’s (“Cooperative”) Distribution System if the Distributed Energy System is no larger than 2MW and if the Interconnection Member’s proposed Distribution Energy System meets the codes and standards listed in the Certification Codes and Standards document, and certification requirements as listed in the Certification of Small Generator Equipment Packages document, or the Cooperative has reviewed the design or tested the proposed Distribution Energy System and is satisfied that it is safe to operate.

### **2. Initial Review**

- a. Within 90 Business days after Cooperative notifies the Member it has received a complete Interconnection Request, the Cooperative shall perform an initial review using the screens set forth below, shall notify the Member of the results, and include with the notification copies of the analysis and data underlying the Cooperative’s determinations under the screens.
- b. Screens
  - i. The proposed Distributed Energy System’s Point of Interconnection must be on a portion of the Cooperative’s Distribution System that is subject to the Tariff.
  - ii. For interconnection of a proposed Distributed Energy System to a radial distribution circuit, the aggregated generation, including the proposed Distributed Energy System, on the circuit shall not exceed 15 % of the line section annual peak load as most recently measured at the substation. A line section is that portion of a Cooperative’s electric system connected to a Member bounded by automatic sectionalizing devices or the end of the distribution line.
  - iii. For interconnection of a proposed Distributed Energy System to the load side of spot network protectors, the proposed Distributed Energy System must utilize an inverter-based equipment package and, together with the aggregated other inverter-based generation, shall not exceed the smaller of 5 % of a spot network's maximum load or 50 kW<sup>1</sup>.
  - iv. The proposed Distributed Energy System, in aggregation with other generation on the distribution circuit, shall not contribute more than 10 % to the distribution circuit's maximum fault current at the point on the high voltage (primary) level nearest the proposed point of change of ownership.

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<sup>1</sup> A spot Network is a type of distribution system found within modern commercial buildings to provide high reliability of service to a single Member. (Standard Handbook for Electrical Engineers, 11<sup>th</sup> edition, Donald Fink, McGraw Hill Book Cooperative)

- v. The proposed Distributed Energy System, in aggregate with other generation on the distribution circuit, shall not cause any distribution protective devices and equipment (including, but not limited to, substation breakers, fuse cutouts, and line reclosers), or Member equipment on the system to exceed 87.5 % of the short circuit interrupting capability; nor shall the interconnection be proposed for a circuit that already exceeds 87.5 % of the short circuit interrupting capability.
- vi. Using the table below, determine the type of interconnection to a primary distribution line. This screen includes a review of the type of electrical service provided to the Member, including line configuration and the transformer connection to limit the potential for creating over-voltages on the Cooperative's electric power system due to a loss of ground during the operating time of any anti-islanding function.

Primary Distribution Line Type	Type of Interconnection to Primary Distribution Line	Result/Criteria
Three-phase, three wire	3-phase or single phase, phase-to-phase	Pass screen
Three-phase, four wire	Effectively-grounded 3 phase or Single-phase, line-to-neutral	Pass screen

- vii. If the proposed Distributed Energy System is to be interconnected on single-phase shared secondary, the aggregate generation capacity on the shared secondary, including the proposed Distributed Energy System, shall not exceed 20 kW.
- viii. If the proposed Distributed Energy System is single-phase and is to be interconnected on a center tap neutral of a 240-volt service, its addition shall not create an imbalance between the two sides of the 240 volt service of more than 20 % of the nameplate rating of the service transformer.
- ix. The Distributed Energy System, in aggregate with other generation interconnected to the transmission side of a substation transformer feeding the circuit where the Distributed Energy System proposes to interconnect shall not exceed 10 MW in an area where there are known, or posted, transient stability limitations to generating units located in the general electrical vicinity (e.g., three or four transmission busses from the point of interconnection).
- x. No construction of facilities by the Cooperative on its own system shall be required to accommodate the Distributed Energy System.
- xi. The Cooperative reserves the right to deny any application or installation.
- c. If the proposed interconnection passes the screens, the Interconnection Request shall be approved, and the Cooperative will provide the Member an executable interconnection agreement within.
- d. If the proposed interconnection fails the screens, but the Cooperative determines that the Distributed Energy System may nevertheless be interconnected consistent

with safety, reliability, and power quality standards, the Cooperative shall provide the Member an executable interconnection agreement.

- e. If the proposed interconnection fails the screens, but the Cooperative does not or cannot determine from the initial review that the Distributed energy System may nevertheless be interconnected consistent with safety, reliability, and power quality standards unless the Member is willing to consider minor modifications or further study, the Cooperative shall provide the Member with the opportunity to attend a member options meeting.

### **3. Customer Options Meeting**

- a. If the Cooperative determines the Interconnection Request cannot be approved without minor modifications at minimal cost; or a supplemental study or other additional studies or actions; or at significant cost to address safety, reliability, or power quality problems, the Cooperative shall notify the Member and provide copies of all data and analyses underlying its conclusion. The Cooperative shall offer to convene a customer options meeting with the Cooperative to review possible Member facility modifications or the screen analysis and related results, to determine what further steps are needed to permit the Distributed Energy System to be connected safely and reliably. At the time of notification of the Cooperative's determination, or at the customer options meeting, the Cooperative shall:
  - b. Offer to perform facility modifications or minor modifications to the Cooperative's electric system (e.g., changing meters, fuses, relay settings) and provide a non-binding good faith estimate of the limited cost to make such modification to the Cooperative's electric system; or
  - c. Offer to perform a supplemental review if the Cooperative concludes that the supplemental review might determine that the Distributed Energy System could continue to qualify for interconnection pursuant to the Fast Track Process, and provide a non-binding good faith estimate of the costs of such review; or
  - d. Obtain the Member's agreement to continue evaluating the Interconnection Request under the study process.

### **4. Supplemental Review**

- a. If the Member agrees to a supplemental review, the Member shall agree in writing within 15 business days of the offer and submit a deposit for the estimated costs. The Member shall be responsible for the Cooperative's actual costs for conducting the supplemental review. The Member must pay any review costs that exceed the deposit within 20 business days of receipt of the invoice or resolution of any dispute. If the deposit exceeds the invoiced costs, The Cooperative will return such an excess within 30 business days of the invoice without interest.
- b. Within ten business days following receipt of the deposit for a supplemental review, the Cooperative will determine if the Distributed Energy System can be interconnected safely and reliably.
  - i. If so, the Cooperative shall forward an executable interconnection agreement to the Member within five business days.

- ii. If so, and Member facility modifications are required to allow the Distributed Energy System to be interconnected consistent with safety, reliability, and power quality standards under these procedures, the Cooperative shall forward an executable interconnection agreement to the Member within five business days after confirmation that the Member has agreed to make the necessary changes at the Member's cost.
- iii. If so, and minor modifications to the Cooperative's electric system are required to allow the Distributed Energy System to be interconnected consistent with safety, reliability, and power quality standards under the Fast Track Process, the Cooperative shall forward an executable interconnection agreement to the Member within ten business days that requires the Member to pay the costs of such system modifications prior to interconnection.
- iv. If not, the Interconnection Request will continue to be evaluated under the Study Process.