

TERMS AND CONDITIONS

XXVI. ELECTRIC GENERATOR INTERCONNECTIONS OTHER THAN NET METERING

A. Applicability

This Section XXVI is applicable to Customers who own and operate, or contract with others to own or operate on their behalf, an electric generator in parallel operation with the Company's electric system. Provided, however that this Section shall not apply to: (a) electric generators operating pursuant to the Net Energy Metering provisions in Section XXV of these Terms and Conditions; or (b) electric generators that are interconnected under the jurisdiction of the Federal Energy Regulatory Commission.

Electric generator interconnection service includes only the ability to interconnect an electric generator to the Company's facilities. Electric generator interconnection service does not include, without limitation, the purchase or sale of the output of the electric generator, station service, back-up power, the delivery of the output of the electric generator, nor any form of the supply or delivery of electricity to the Customer. The Customer shall make separate arrangements for any other services that it desires to purchase.

B. Incorporation of Rules

Chapter 314, *Regulations Governing Interconnection of Small Electrical Generators and Storage* ("Chapter 314") at 20 VAC 5-314-10 *et seq.*, is hereby incorporated by reference into this Section XXVI. Interconnection Customers who own and operate, or contract with others to own or operate on their behalf, a Small Generating Facility (SGF) in parallel operation with the Company's electric system are also subject to Chapter 314 and to these Terms and Conditions generally. Such an Interconnection Customer's SGF may only begin parallel operation, and may only continue parallel operation, so long as all applicable requirements of these Terms and Conditions and of Chapter 314 are satisfied.

Notwithstanding any other provision of this Section XXVI, if the Company's transmission system is under the control of a Regional Transmission Entity, and the Regional Transmission Entity has rules, tariffs, agreements or procedures properly governing operation of the SGF, sale or transmission of the output of the SGF, system upgrades required for interconnection of the SGF, or other aspects of the interconnection or operation of the SGF, the Company and the Interconnection Customer shall comply with those applicable rules, tariffs, agreements or procedures.

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- C. The following provisions shall apply to all SGFs:
1. The Company shall not be required to establish or maintain an interconnection with an SGF that is found to be out of compliance with the codes, standards, requirements and/or certifications applicable to the SGF. The Company shall be entitled to obtain information through reasonable means, including the observation of facility tests as conducted by the Interconnection Customer, as may be necessary to ensure the continued safe and reliable operation of Company facilities and equipment and to ensure the SGF does not cause a degradation in power quality provided by the Company to its other customers. However, the Company expressly assumes no responsibility or obligation to inspect or otherwise ensure that the Interconnection Customer complies with any such codes, standards, requirements and/or certifications applicable to the SGF.
 2. In accordance with Section IV.E of these Terms and Conditions, the Company shall furnish Attachment Facilities in the same manner as it provides equipment and facilities in excess of those which the Company would normally provide. However, Section IV.E.3. of these Terms and Conditions shall not be available for Attachment Facilities.
 3. The Company shall not be required to provide an SGF interconnection at any electrical characteristic or voltage range other than those that are provided by the Company for Electric Delivery Service in accordance with these Terms and Conditions. Nor shall the Company be required to provide an SGF interconnection under a higher standard than that applicable to Electric Service generally.
 4. The provision and continuation of an SGF interconnection is contingent upon the Interconnection Customer making payment for all applicable charges for such SGF interconnection, and the payment provisions applicable to any ongoing charges for each SGF interconnection shall be in accordance with these Terms and Conditions. The Company may require a deposit in support of the Interconnection Customer's payment obligations hereunder, pursuant to these Terms and Conditions.
 5. Any metering, including telemetering or data acquisition equipment, that is necessitated by use of the SGF or requested by the Interconnection Customer shall be provided by the Company, at the Interconnection Customer's expense, in accordance with Chapter 314 and the provisions of these Terms and Conditions.
 6. The Interconnection Customer shall provide and maintain communication lines as may be required for transmitting operational and meter data related to the SGF interconnection, and to otherwise reasonably support the coordinated operation of the Company's system with the SGF.

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7. During the system impact study, Electric Transmission System Protection Engineering (“SPE”) determines what substations upgrades are required for a generation site to interconnect to Dominion Energy’s system safely and reliably. This study is required for any Chapter 314 interconnection project that fails the Level 1 and Level 2 screening.
 - a. The particular system upgrades that are required are based on several criteria, including but not limited to, the characteristics of the generation site itself, the make-up of the circuit feeding the generation site, and any existing substation equipment.
 - b. A Distributed Energy Resource (“DER”) Panel, including SEL-451 and SEL-735 relays, is required whenever fiber based direct transfer trip (“DTT”) is required from any substation protective device to any device up until the point of Interconnection (“POI”) due to the addition of the generation site under consideration.
 - c. To determine whether DTT is required, SPE examines the historical light load value and aggregate amount of generation (not counting generation sites that have DTT installed) at each three-phase interrupting device upline of the proposed generation site.
 - 1) For proposed inverter-based generation (“IBR”), at any device where the light load to generation ratio is less than three to one (3:1), DTT is required.
 - 2) For proposed synchronous generation that plans to export power, at any device where the light load to generation ratio is less than five to one (5:1), DTT is required.
 - d. DTT may also be required for other considerations beyond the light load screening.
 - 1) If there is existing generation (that does not have DTT) on the same circuit as the proposed generation site, and the generation type, synchronous or IBR, of the proposed site is different than the existing generation, then DTT is required.
 - 2) If there is a POI recloser whose proximity to the substation would cause the removal of the circuit feeder instantaneous protection, then a recloser reverse interlock scheme is needed. This scheme requires that the circuit breaker relay be digital (as opposed to electromechanical) and that there is a communications path between the substation and the POI.
 - 3) DTT is required for the interconnection of all IBRs that are not certified to UL 1741 / IEEE 1547 standards.

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- e. DTT may also be required for a non-export generation site.
 - 1) For proposed synchronous generation where power export is not a design goal (e.g., generation used for backup power or peak-shaving), SPE examines the light load at each three-phase interrupting device upline of the proposed generation site minus the site's light load. If there is not sufficient light load to properly implement a reverse power scheme at the POI, or if the Customer does not wish to utilize a reverse power scheme, then DTT is required.
 - 2) For non-exporting generation, if any required basic protection schemes such as reverse power cannot be applied, DTT is required at any protective devices identified as needing the reverse power protection.
 - f. Currently, the only approved communication medium for DTT is point-to-point fiber, which the proposed generation site developer is responsible for providing.
- 8. Except as may be otherwise provided for in Chapter 314, invoices presented by the Company to the Interconnection Customer for one-time charges shall be due and payable upon presentation and shall become past due if not paid within thirty days of the invoice date.
 - 9. The Company may reasonably require that the Interconnection Customer provide written acknowledgements or assurances to the Company related to the interconnection and operation of the SGF.
- D. The following provisions shall apply to grandfathered interconnections:
- An SGF interconnection existing prior to May 21, 2009, may continue under the pre-existing agreement or arrangement. If a change is contemplated to the SGF's rated capacity, mode of operation, or electrical characteristics, or if a change is contemplated to another aspect of the SGF or the interconnection provisions therefore, and if such change is not consistent with the terms of the existing interconnection agreement, one of the following shall occur prior to such change taking place:
- 1. Upon mutual agreement, the Company and the Interconnection Customer shall modify such pre-existing agreement or arrangement to accommodate such change.

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2. Upon request of either the Interconnection Customer or the Company, the terms of interconnection shall be revised prospectively in accordance with the then-effective Terms and Conditions on file with the Commission. Notwithstanding this opportunity for prospective revision, any charges for facilities or services provided by the Company as established under the previous arrangements will continue in connection with the continued provision of such facilities or services, and shall be set forth in an appropriate agreement.