

PSEG PRINCETON AREA VIOLATION

The West Windsor 69 kV substation is sourced from two circuits that arrive at the substation as underground circuits. The load is currently <20 MW and is anticipated to exceed 20 MW by January 2023. The load is expected to increase to 44 MW by 2024. Customer is constructing additional facilities, and the customer has represented a need to be able to meet increased load by January of 2023.

Per PSE&G's FERC Form 715 criteria, if load exceeds 20 MW and N-1-1 event would result in a complete loss of electric supply for more than 24 hours, a third source is required. One of the two circuits supplying the West Windsor 69 kV station is underground and the second circuit is partially underground, and if failed, repair can take up to several months.

As a result of the timing of the increased load, this project will be designated immediate need to address the PSE&G's FERC Form 715 criteria in 2023. Given the voltage level, and configuration of the facilities including the existing underground construction, PSEG will be designated the entity to mitigate these violations.