

PSEG TOTOWA AREA VIOLATION

A customer 69 kV substation in the Totowa area is sourced from two circuits that arrive at the substation as underground circuits. The customer load in the Totowa area is currently <20 MW and is anticipated to exceed 20 MW by January 2025. The load is expected to increase to 56 MW by the end of 2031.

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 customer 69 kV station 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 PSE&G's FERC Form 715 criteria in 2025. Given the voltage level, as well as the need to address customer load in the Totowa area by January 2025, PSEG will be designated the entity to mitigate these violations