

***PJM Generator Interconnection
S43 Vineland 17MW
Feasibility / Impact Study***

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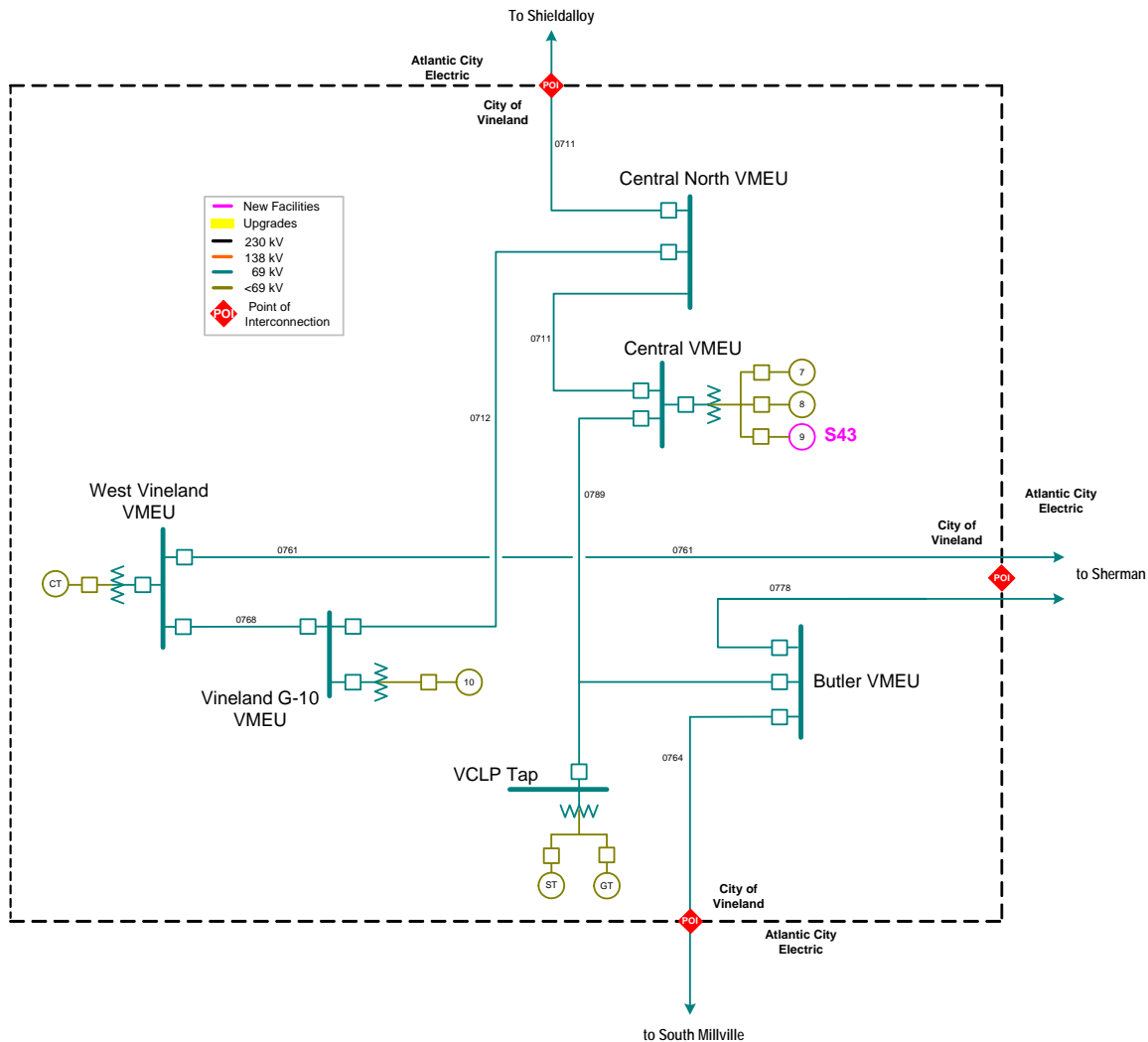
General

Queue S43 is a VMEU (Vineland Municipal Electric Utility) request to re-activate (less than one year after deactivation) a 17 MW Capacity Resource (existing Unit #9) consisting of a single oil-fired generator. Queue S43 is located at 415 N. West Avenue in the City of Vineland, New Jersey.

There were no changes made to VMEU's existing unit #9. All grandfathered interconnection rights, including Capacity Interconnection Rights, remain in force. There are no additional Interconnection requirements which are required.

Direct Connection

Queue S43 is already connected as shown on the single line diagram below. There are no additional Direct Connection requirements.



Network Impacts

The Queue S43 project was studied as a 17 MW injection into the Vineland Central 69 kV bus. The Queue S43 project has existing Capacity Interconnection Rights and did not require evaluation for compliance with reliability criteria.

Generator Deliverability

(Single or N-1 contingencies for the Capacity portion only of the interconnection)

Queue S43 has grandfathered Capacity Interconnection Rights and does not require further evaluation.

Multiple Facility Contingency

(Double Circuit Tower Line contingencies only for the full energy output. Stuck breaker and bus fault contingencies will be performed for the Impact Study)

Queue S43 has grandfathered Capacity Interconnection Rights and does not require further evaluation.

Contribution to Previously Identified Overloads

(This project contributes to the following contingency overloads, i.e. "Network Impacts", identified for earlier generation or transmission interconnection projects in the PJM Queue)

Queue S43 has grandfathered Capacity Interconnection Rights and does not require further evaluation.

Short Circuit Analysis

Queue S43 has grandfathered Capacity Interconnection Rights and does not require further evaluation.

Stability Analysis

Not required for generating stations less than 30 MW.

New System Reinforcements

(Upgrades required to mitigate reliability criteria violations, i.e. "Network Impacts", initially caused by the addition of this project generation)

None.

Contribution to Previously Identified System Reinforcements

(Overloads initially caused by prior Queue positions with additional contribution to overloading by this project. This project may have a % allocation cost responsibility which will be calculated and reported for the Impact Study)

None.