

#P51 – Stuart 345kV
Generation Interconnection

Network Impacts

The #P51 project was studied as a 7 MW increase in Capacity to the Stuart 345 kV generating facility. Project #P51 was evaluated for compliance with reliability criteria for summer peak conditions in 2010. Potential network impacts were as follows:

Generator Deliverability

No problems were identified

Multiple Facility Contingency

No problems were identified

Contribution to Previously Identified Overloads

None

New System Reinforcements

None

Contribution to Previously Identified System Reinforcements

None

Short Circuit

Not required. There is no change to the electrical characteristics of the units or the GSU

Stability

Not required as the increase in capacity request is for less than 30 MW