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Subject: Concern with adding low inertia peakers

To whom it may concern:

We understand the electrical disturbance contingencies that limit the power imports is the type where a severe transmission line fault would cause a sudden unloading of the connected generating units. The resulting mismatch between mechanical power and electric power (the load) will cause all the units to accelerate.

The older steam turbine units along the coast, with relatively heavy inertia, would be less likely to accelerate too fast where a loss of synchronism, pole slipping, would occur. Retiring these old heavy units and replacing them with peakers may tend to reduce the grid's ability to ride thru the faults.

GE would like to assist with an evaluation and identify potential solutions that would address the inertia concern with equipment options available on the LM gas turbine generators. At your convenience, we'd welcome the opportunity to meet and discuss.

Regards,

G. David Alexander