

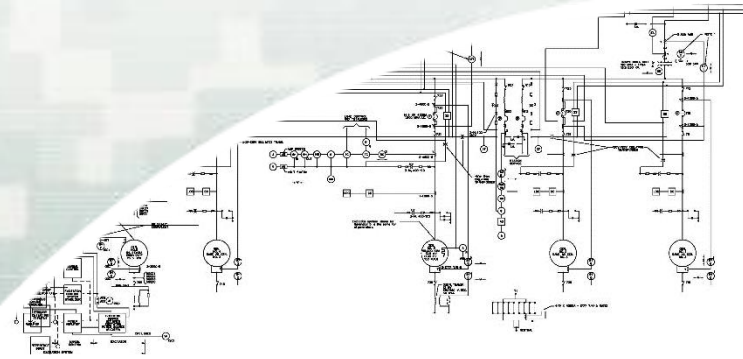
# SOUTHEASTERN FEDERAL POWER ALLIANCE

## Savannah District Update

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Savannah District

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Today and Tomorrow***





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# Hartwell Unit 3 and Unit 4



**BUILDING STRONG**

## Scope:

- Unit 3: Repair failed stator windings, analyze unit vibration, and apply corrective actions to eliminate vibrations. Total funding of \$4,493,352 including \$1,000,000 in contingency was established in Sub-Agreement #10, Amendment #4 authorized on March 13, 2015.
- Unit 4: Stator frame foundation concrete repair, vibration analysis, and vibration repair. Total funding of \$1,200,000 was established in Sub-Agreement #10, Amendment 5 authorized on September 17, 2015.

## Status:

- Savannah District is in the process of awarding a SAS Hydropower - Single Award Task Order Contract (SATOC) with the intent of reaching only the highest qualified contractors. This SATOC will be available for use by any Hydropower Project within SAS.
- Proposals for the SATOC have been received and are currently being reviewed. Anticipate awarding the base contract in early May 2016. After award of base contract, a task order for the vibration analysis will be issued. Anticipate on-site vibration testing to begin in August 2016. On parallel path, a task order for the stator frame foundation concrete repair on Unit 4 will be issued. Unit 4 concrete repair targeted to begin in September 2016.



# Savannah Remote Operations



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## Scope:

- Remotely operate the three Savannah River projects using a distributed operations methodology. This would allow any singular plant to operate any of the other two plants on the river system. Total funding of \$14.98M including \$2.48M in contingency was established in Sub-Agreement #18 authorized on August 26, 2014.

## Status:

- Security System: Contract for Phase 2 was awarded on March 21, 2016. Phase 2 is the installation of security systems at the 3 plants. On-site work scheduled to begin late May 2016.
- Communications System: The use of existing microwave systems was determined to be infeasible due to the extensive tower repairs needed.
  - ▶ A Best value report was accomplished, which assessed 5 options, selected to lease a fiber optic ring as the communication system for remote operations due to short and long term cost avoidance while maintaining critical security standards. The Leased Fiber optics system is expected to be operational October 2016.
- Control System: GDACS Phase 1 – Design / Migration Server / Instrumentation schedule to be completed June 15, 2016.

Operating Status: Initial operating capability expected in 4th Qtr FY 2016, with full system availability by end of 4th Qtr FY19.