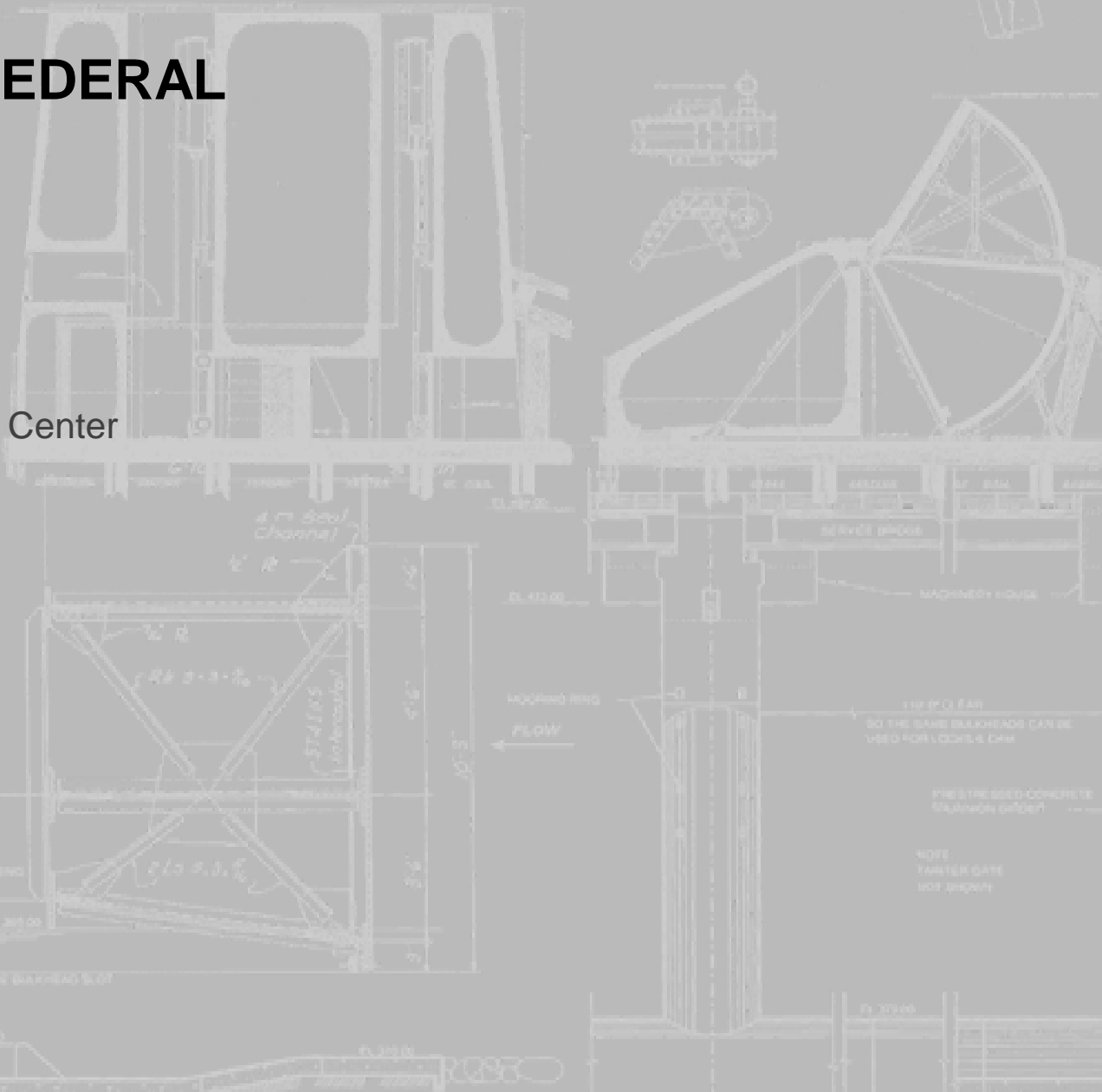


SAD MAINTENANCE UPDATE SOUTHEASTERN FEDERAL POWER ALLIANCE

Matthew Dunn, P.E.
Project Manager
U.S. Army Corps of Engineers
South Atlantic Division
Hydropower Technical Services Center
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US Army Corps
of Engineers®





MAJOR MAINTENANCE PROJECTS



Recent or Approaching Completion:

- Philpott Intake Gate Refurbishment (Jul-20)
- Jim Woodruff Roof Replacement (Nov-20)
- Jones Bluff 13.8kV Switchgear Install (Dec-20)
- Carters U3 & U4 Exciter Replacement (Dec-20)
- Thurmond Diesel Generator Install (Feb-21)
- Jones Bluff Draft Tube Crane Replacement (Feb-21)





PHILPOTT TURBINE & GENERATOR UPGRADE



Scope: \$25.3M in customer funds to upgrade turbines, rewind generators and replace associated equipment.

Current Status:

- Existing rating: 7.5MVA
- Expected uprate rating: 9.3MVA
- Intake Gates Refurbished
- Draft Tube Bulkheads Replaced.
- Solicitation is Advertised
- Mudslide Cleanup ongoing
- Switchgear Evaluated

Next Steps:

- Evaluate Proposals, Dec-20.
- Complete Mudslide Cleanup.
- Start Hillside Stabilization.
- Start Switchgear Building Project.
- Reinstall Switchgear.



Milestone	Duration	Scheduled
Advertise Solicitation:		20-May-20
Close Solicitation:		08-Dec-20
Award:	75	20-Feb-21
Contractor Design:	270	17-Nov-21
Manufacture:	365	17-Nov-22
Unit 2 Install	365	17-Nov-23
Unit 1 Install	365	17-Nov-24



RICHARD B RUSSELL UNIT 5 REPAIR



Scope: Project to Assess and Repair Unit 5.
Sub-agreement for \$1.6M.

Current status:

- Excessive vibration.
- Stator frame translation.
- Unit remains out of service.
- SATOC Generator Repair Contract in place.
- Evaluation task order awarded 19-Aug-20.
- Testing Completed 07-Nov-20.
- Test Report and Analysis under way.

Next Steps:

- Obtain Test Report 25-Feb-20.
- Evaluate Recommendations.
- Draft and Award Repair Task Order.
- Execute Repairs.



Milestone	Duration	Scheduled
Advertise Solicitation:		24-Apr-20
Close Solicitation:	14	08-May-20
Award:	30	19-Aug-20
Contractor Eval:	180	25-Feb-21
Award Rep T.O:	90	26-May-21
Complete Repair:	90	24-Aug-21



HARTWELL UNITS 3 & 4 REWIND



Scope: Project to Rewind Units 3 & 4.
Increasing sub-agreement by \$18.7M for the rewind work.

Current status:

- Repair efforts were abandoned.
- Rewind Plans and Specs completed.
- Advertised 11-Feb-20.
- Awarded 28-Aug-20

Next Steps:

- Contractor Design Phase.
- Procurement/Fabrication.
- Rewind Unit 3.
- Rewind Unit 4.



Milestone	Duration	Scheduled
Advertise Solicitation:		11-Feb-20
Close Solicitation:	120	10-Jun-20
Award:	80	28-Aug-20
Contractor Design:	210	22-Mar-21
Manufacture:	215	21-Oct-21
Unit 3 Install:	285	30-Dec-21
Unit 4 Install:	275	23-Sep-22



SAD CONTROLS INFRASTRUCTURE UPDATES



Scope: Implement next generation Unit and GDACS Supervisory Controls throughout SAD.

Current status:

- Installation Design for WFG
 - 60% Complete.
- Equipment Supply Design
 - 90% Complete.
- Supply and Install Cost Estimates
 - 90% Complete.
- Centralized Operations Control Center
 - Determining Requirements and Constraints.

Next Steps:

- Acquire Unit Control Supply & Install Funds.
- Finalize long term design and install schedule.
- Complete Designs.
- Award Base Contracts.
- Procure and Install Equipment.





HTSC SIGNIFICANT ACTIVITIES



Forced Outage Responses:

- 3 Exciters
- 3 Controls/SCADA/GDACs
- 1 Governor
- 1 Land Slide

Proactive Task Order Contracts:

- Exciter Repair
 - Feb-21
- Governor Repair
 - Apr-21
- Turbine Repair
 - Sep-21

FY20 Contract Actions

- 31 Awards
- 21 Modifications
- 6 Open Solicitations



HTSC Workload	
Backlog	28
Planning	28
Design	38
Pre-Solicitation	15
Advertise	3
Execution	29
Closeout	6



QUESTIONS