

NASHVILLE DISTRICT SECTION 212 FUNDED PROGRESS UPDATE

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**US Army Corps
of Engineers®**



FINANCIAL STATUS



Legacy MOA	
Funds Received	\$45,000,000
Unobligated Project Funds	\$439,810
Emergent Work Funds	\$12,471,859

Short-Term MOA	
Funds Received (SA#1-8)	\$182,521,677
Unobligated Project Funds	\$95,795,638
Reserve Fund	\$10,000,000

Long-Term MOA	
Funds Received (SA#1-10)	\$232,530,125
Unobligated Project Funds	\$57,129,500
Emergent Work & Reserve Funds	\$18,620,166

As of end of month Mar 2021



SUB-AGREEMENTS AND BALLOTS



1. Completed Actions

- Short-Term MOA Sub-Agreement #8 – Fully Executed 8-DEC

2. Current Actions

- Long-Term MOA Ballot #16 – with PCC for Signature
 - Closeout
 - » WOL Thrust Bearings
 - » WOL Penstocks
 - » Dale Hollow Station Service
 - » CHE DC System
 - » Intake Cranes
 - » OLD DC Systems
 - Wolf Creek Unit #3 Exciter Repair (\$500K)
 - Old Hickory Unit #4 and BAR GSU (\$3.4M)

3. Upcoming Actions

- ST-MOA Extension
- ST-MOA Sub-Agreement #9



BARKLEY



- **Barkley Turbine-Generator Rehab**
 - Award – 29 September 2020 to Andritz Hydro
 - Prototype Coil Testing – April
 - Runner Model Testing – June
- **Barkley Main Power Transformers**
 - Supply Contract (Ethos)
 - Current Location – Galveston, TX
 - Deliver – May
 - Install Contract (A. West)
 - T1 Commissioning – May
 - T2 Commissioning – August





OLD HICKORY

- Old Hickory Unit #4 Repair
 - Unit governor timing and commissioning
 - Vibration monitoring system and exciter installation
 - 72-hour run scheduled May/June





OLD HICKORY



- **Old Hickory Major Hydropower Rehabilitation**

- Preparatory projects
 - Old Hickory Main Power Transformers
 - Received Supply Drawings – Yellowstone Electric/Siemens
 - Installation 60% Package - June
 - Old Hickory Exciters
 - Task Order Executed – October
- Major Rehab E&D
 - Value Engineering Waiver/Bridge Complete
 - 60% - April
 - Award – FY22
- HRAR
 - Water supply and climate change sensitivity analysis - May
- OCB Bushing Installation
 - 12/18 installed, installation of final 6 in July





CORDELL HULL



- **Single Award Task Order Contract (SATOC) for Exciter Replacement**
 - Award SATOC – December 2020
 - Award Task Order – 15 March
 - Kick-off Meeting – 24 March
 - Mobilization ~ January 2022





CHEATHAM

30



- **Cheatham MV Cables Replacement**
 - BCOES – May
 - 100% - June
 - Award – September





CENTER HILL



- **Center Hill Turbine-Generator Rehabilitation**
 - Unit #1 72-Hour Run Start – 6 March
 - Voith Demobilized – 25 March
 - Modification to trickle air piping mufflers – May
 - Fiscal Closeout
- **Center Hill MV Cables Replacement**
 - Issue RFP – April
 - Award – June





WOLF CREEK



- **Wolf Creek Station Service Systems Rehabilitation**
 - Contract physical completion – April
- **Wolf Creek HRAR**
 - Response to comments/draft alternatives memo – 19 March
 - Vendor input ongoing
 - Review of Preliminary Report – July
 - Presentation of Draft Report - September
- **Wolf Creek DO Improvements**
 - Continue evaluation of diffusers (30% Design) and AVTs
 - 60% - July
- **Wolf Creek GSU Transformers Replacement**
 - One contract for supply + installation
 - 30% Installation Package – April
- **Wolf Creek Unit #5 Exciter Repair**
 - Exciter testing completed – 30 March
 - Installation - April

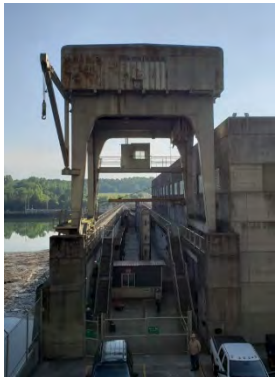




INTAKE EQUIPMENT

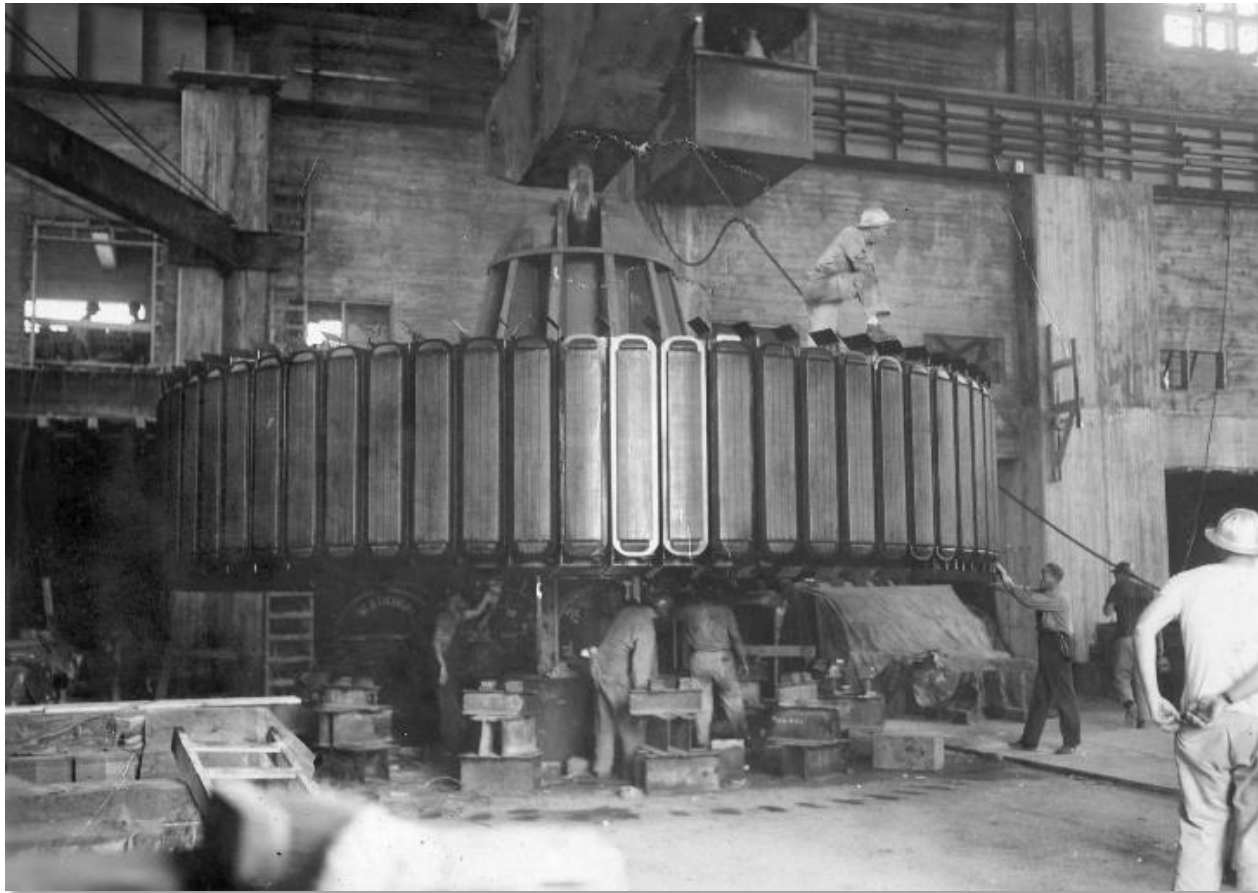


- **CEN/DAL/WOL Intake Lifting Equipment**
 - Center Hill Unit #2 – April
 - De-mobilize CEN – May
 - Mobilization Order: DAL (complete), WOL (complete), CEN
 - Will return to DAL and WOL for Station Service Intake Lifting Equipment Replacement following CEN





QUESTIONS?



Wolf Creek Generator Rotor