

NASHVILLE DISTRICT SECTION 212 FUNDED PROGRESS UPDATE

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NOTE
TAMPER GATE
NOT SHOWN

ESTRESSED CONCRETE
UNION GIRDER

LEAR
BULKHEADS CAN BE
DCS & DAM

HINERY HOUSE

OF DAM

FINANCIAL STATUS

Legacy MOA	
Funds Received	\$45,000,000
Unobligated Project Funds	\$467,038
Emergent Work Funds	\$12,471,859

Short-Term MOA	
Funds Received (SA#1-7)	\$169,500,180
Unobligated Project Funds	\$82,948,202
Reserve Fund	\$10,000,000

Long-Term MOA	
Funds Received (SA#1-9)	\$224,952,903
Unobligated Project Funds	\$55,240,532
Emergent Work & Reserve Funds	\$18,620,166

As of end of month Sep 2020

SUB-AGREEMENTS AND BALLOTS

1. **Long-Term MOA Ballot #15 – Fully Executed 2-SEP**
 - WOL Unit #5 Exciter Repair
 - WOL HRAR

2. **Long-Term MOA Sub-Agreement #10 – Fully Executed 8-OCT**

3. **Short-Term MOA Sub-Agreement #8 – With PCG for Execution**
 - \$25M toward Old Hickory Major Rehab, OLD HRAR Approval

4. **Upcoming**
 - Long-Term MOA Ballot #16
 - Close-out
 - » Dale Hollow Station Service -- CHE DC System
 - » WOL Penstocks -- Old Hickory HRAR
 - Old Hickory Unit #4 and BAR GSU
 - ST-MOA Extension - 2021

BARKLEY

- **Barkley Turbine-Generator Rehab**
 - Award – 29 September 2020 to Andritz Hydro
 - Base - \$74,806,504
 - Base + Options - \$79,966,754
- **PgMP**
 - Fully executed 29 September
- **Barkley Main Power Transformers**
 - Supply Contract – Deliver – January 2021
 - Install Contract
 - Award – 14 August 2020 to A. West Enterprise
 - Low bidder \$2.4M, over \$500K more than estimate – developing white paper to restore contingency
 - Mobilization November
- **Barkley DC & Preferred AC System**
 - 90% Design – January 2021



OLD HICKORY

- **Old Hickory Unit #4 Repair**
 - Installing high pressure lift system on lower bracket
 - Reassembling turbine runner
 - 72-hour run scheduled April 2021
 - Numerous contract claims (\$3M) anticipated. White paper under development.

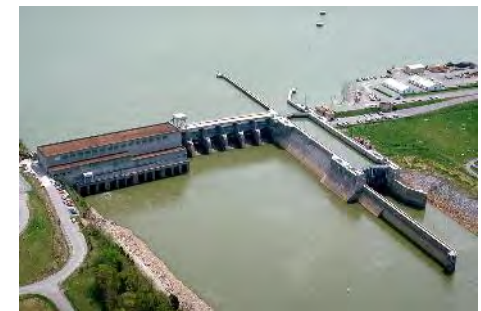


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OLD HICKORY

- **Old Hickory Major Hydropower Rehabilitation**
 - Preparatory projects
 - Old Hickory Main Power Transformers
 - Supply Contract Award – Yellowstone Electric – 21 August
 - Protest Cleared - 21 October
 - Beginning preparations for Install E&D
 - Old Hickory DC Systems
 - 100% Package with Exhaust – October 2020
 - Closeout
 - Old Hickory Exciters
 - Task Order Executed – October 2021
 - Major Rehab E&D
 - 30% - January 2021
 - Award – FY22
 - OCB Bushing Installation
 - 12/18 installed, installation of final 6 in July



CORDELL HULL

- **Single Award Task Order Contract (SATOC) for Exciter Replacement**
 - Proposals Received – 28 September 2020
 - Award SATOC – December 2020
 - Award Task Order – December 2020
- **COR HRAR** on hold pending WOL HRAR approval



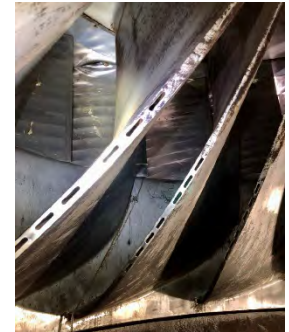
CHEATHAM & DALE HOLLOW

- **CHE HRAR** on hold pending WOL HRAR approval
- **Cheatham MV Cables Replacement**
 - 100% - June 2021
- **Cheatham DC Systems**
 - Ballot action to close
- **Dale Hollow Station Service**
 - Ballot action to close



CENTER HILL

- **Center Hill Turbine-Generator Rehabilitation**
 - Unit #1 Return to Service – 6 January 2021
 - Dissolved Oxygen Testing Unit #2 & Unit #3 Complete
 - Incoming DO ~ 0 mg/L
 - Tested through 2500-4250 cfs operating range (~ 25-52 MW)
 - Unit #3 – Uptakes between 4.8-6.3 mg/L (~5.7 at full load)
 - Unit #2 – Uptakes between 5.1-6.1 mg/L (~5.6 at full load)
 - Two Unit Operations – Uptake ~3.5-5.1 mg/L
 - Currently peaking with two units
 - No sluice supplement this season
- **Center Hill MV Cables Replacement**
 - 100% - January 2021
 - Award – April 2021



WOLF CREEK

- **Wolf Creek Thrust Bearings (U1-3 & U5)**
 - Work substantially complete – warranty work during outages
- **Wolf Creek Penstock Repairs**
 - Ballot action to close
- **Wolf Creek Station Service Systems Rehabilitation**
 - Contract physical completion – December 2020
- **Wolf Creek HRAR**
 - Alternatives Identified – January 2021
- **Wolf Creek DO Improvements**
 - Alternatives Modeling – January 2021
- **Wolf Creek GSU Transformers Replacement**
 - 100% - December 2020
 - Solicit – July 2021
- **Wolf Creek Unit #5 Exciter Repair**
 - TVA started work. POP ~ 2 months.



INTAKE EQUIPMENT

- **CEN/DAL/WOL Intake Lifting Equipment**
 - Contract modifications underway
 - Mobilized to Wolf Creek – First two units underway
 - Mobilization Order: DAL (complete), WOL, CEN
- **BAR/OLD/COR/CHE Intake Gantry Cranes 30%**
 - 30% Package - November 2020



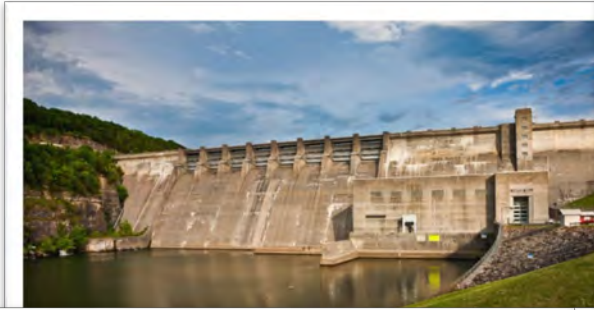
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QUESTIONS



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