

NASHVILLE DISTRICT SECTION 212 FUNDED PROGRESS UPDATE

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US Army Corps
of Engineers®



SUB-AGREEMENTS AND BALLOTS



Completed Actions

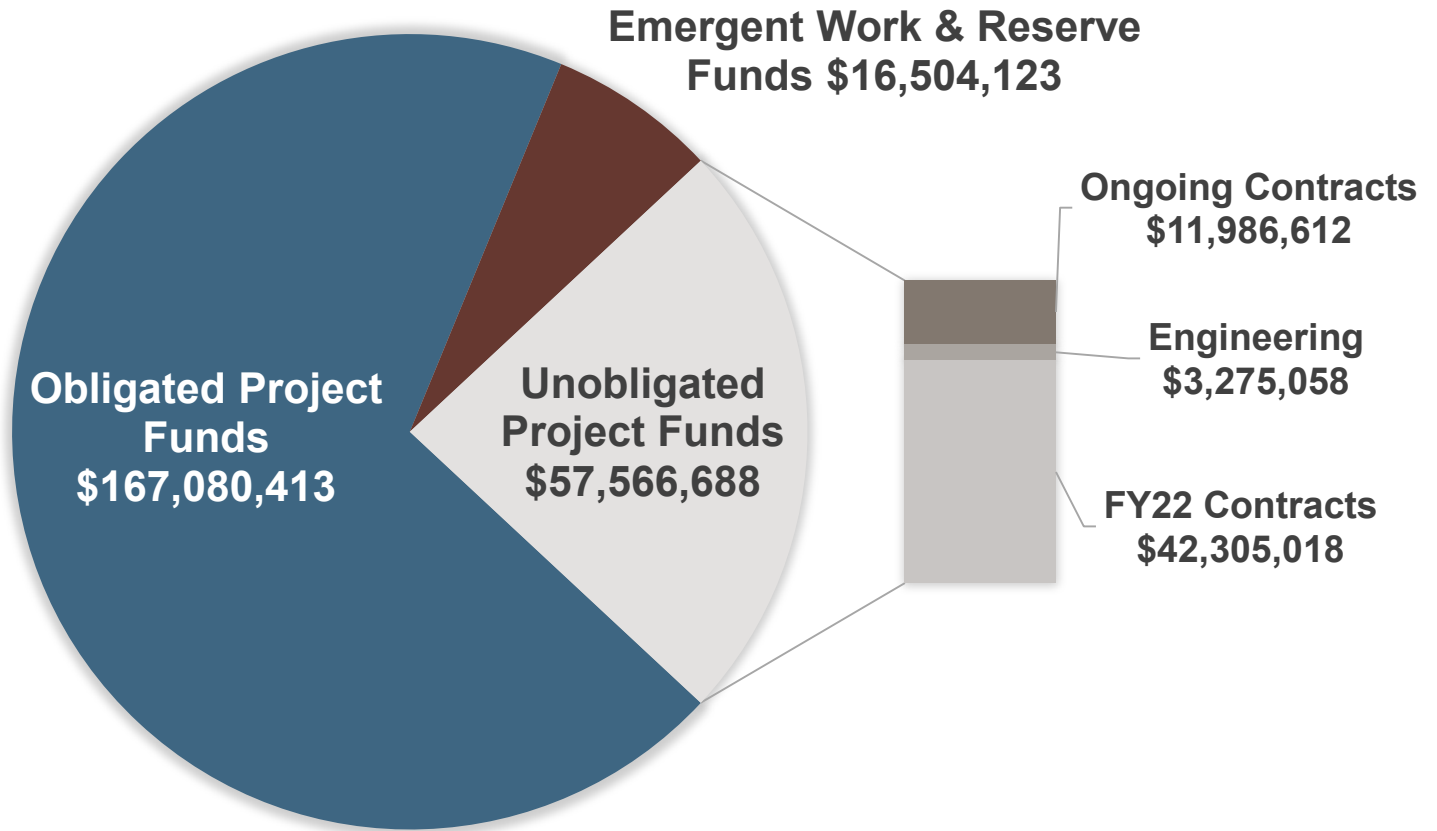
- Capital Improvement Master Plan for Hydropower
 - Approved 17-SEP
 - Long-Term MOA Ballot #17
 - Short-Term MOA Ballot #1
- ST-MOA Sub-Agreement #9 – Executed 9-JUL
- ST-MOA 6-Year Extension – Executed 27-SEP



LT-MOA FINANCIAL STATUS



FUNDS AUTHORIZED \$250M
FUNDS RECEIVED \$241M



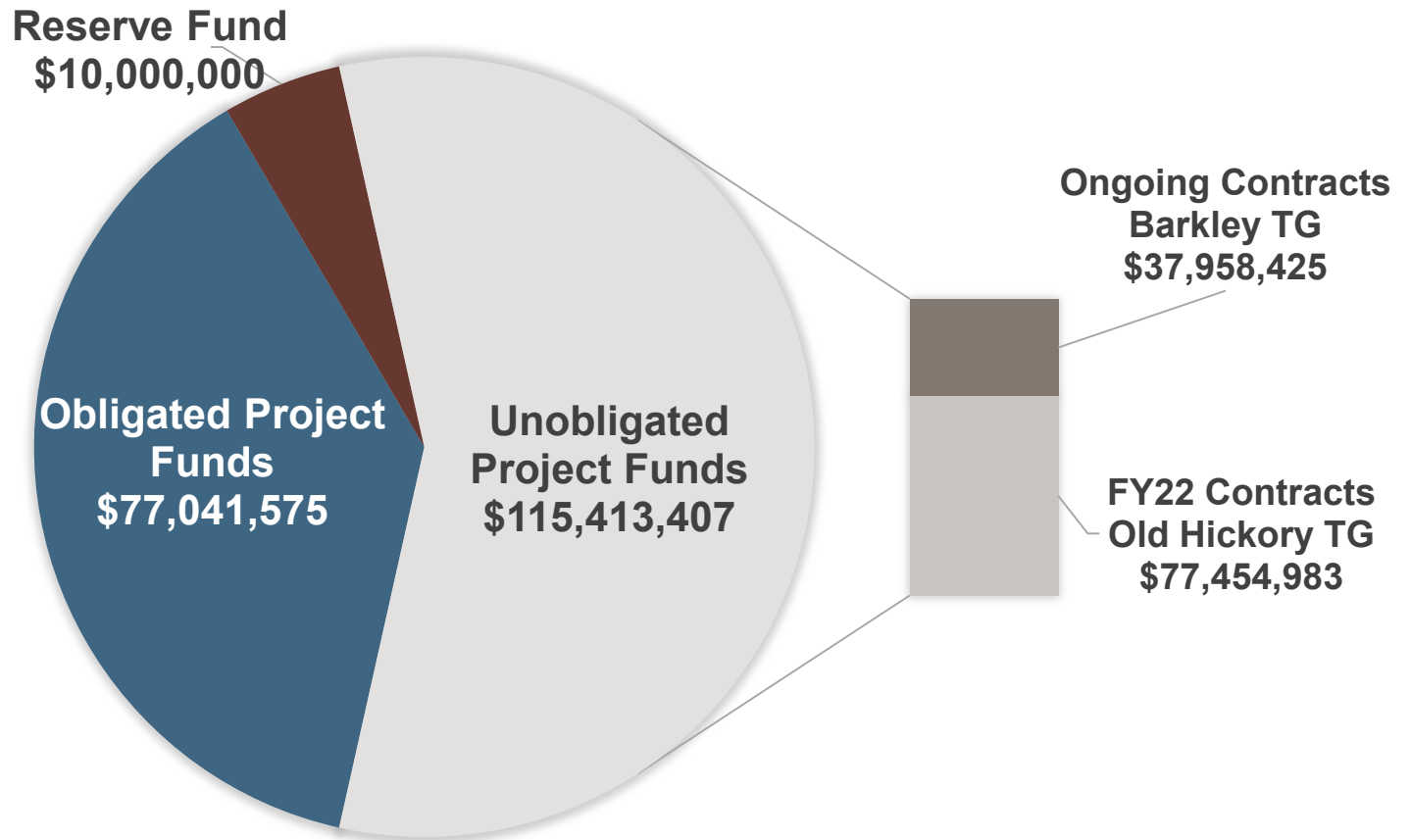
As of end of month Sep 2021



ST-MOA FINANCIAL STATUS



FUNDS AUTHORIZED \$225M
FUNDS RECEIVED \$202.5M



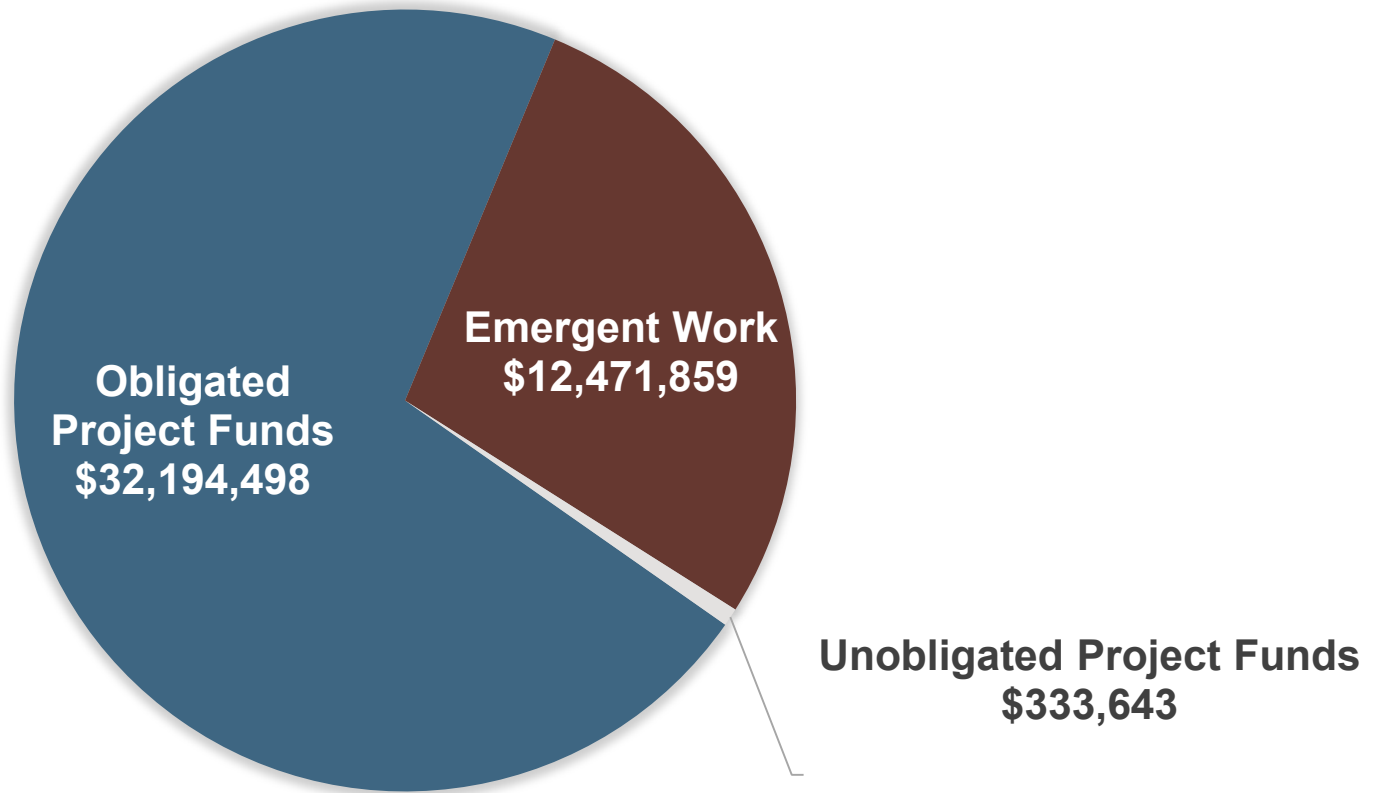
As of end of month Sep 2021



LEGACY MOA FINANCIAL STATUS



FUNDS AUTHORIZED \$45M
FUNDS RECEIVED \$45M



As of end of month Sep 2021



COMPLETED PROJECTS



Barkley Main Power Transformers



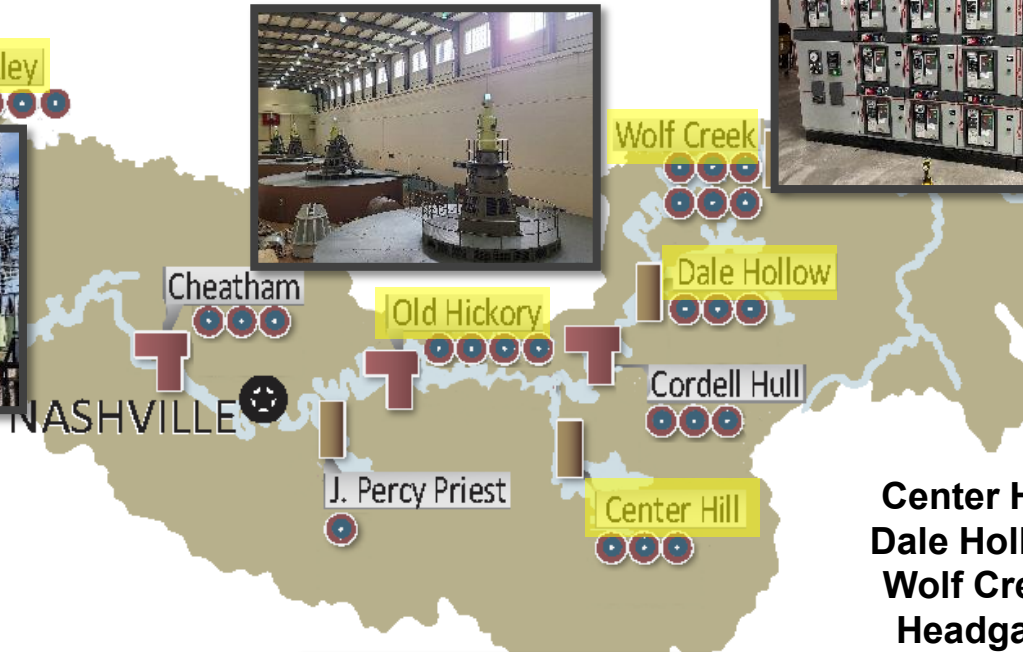
Old Hickory Unit #4 Rehab



Wolf Creek Station Service



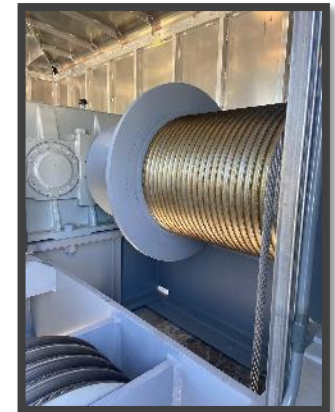
Wolf Creek Unit #5 Exciter



Center Hill Turbine-Generator Rehab



Center Hill, Dale Hollow, Wolf Creek Headgate Machinery





ONGOING CONSTRUCTION PROJECTS



Barkley Turbine-Generator Rehab

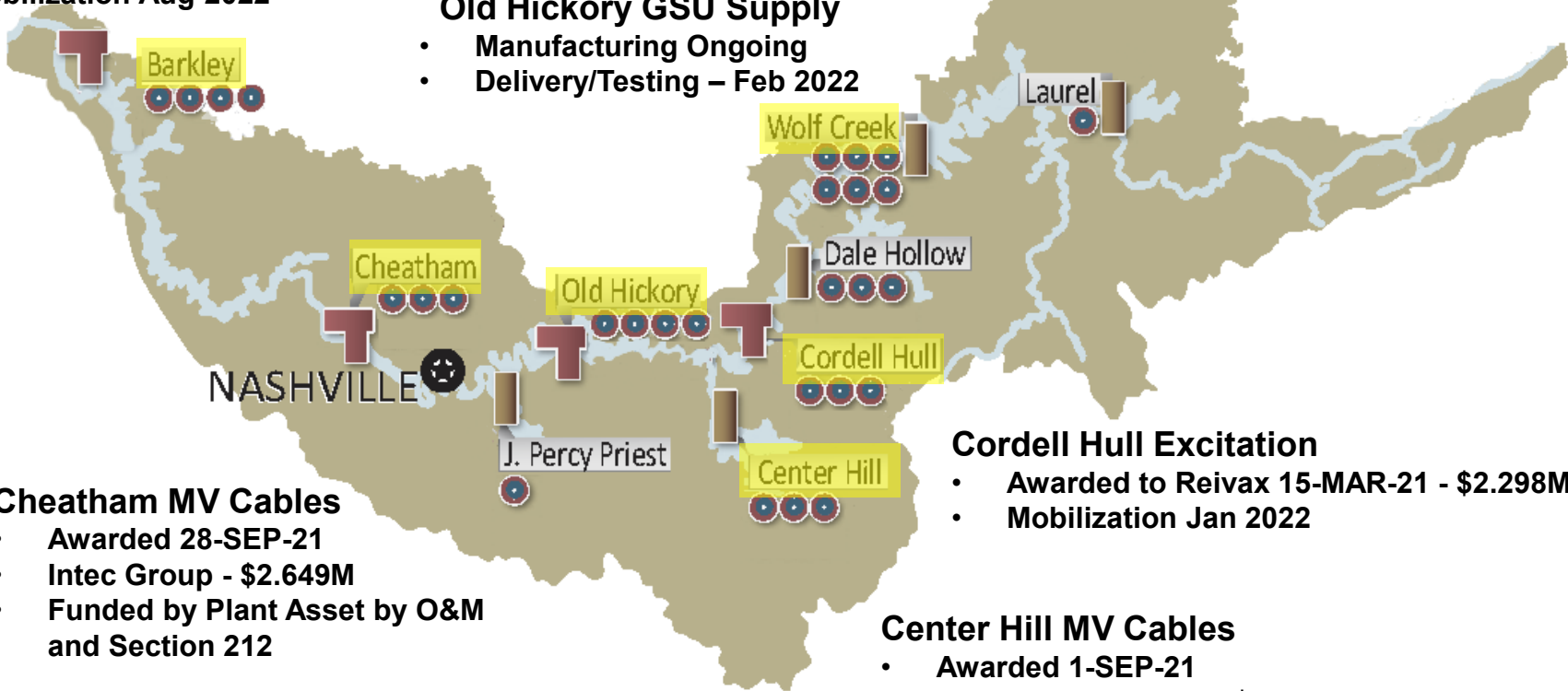
- Manufacturing Ongoing
- Mobilization Aug 2022

Wolf Creek Unit #3 Exciter

- Refurb ongoing with TVA
- RTS Mar 2022

Old Hickory GSU Supply

- Manufacturing Ongoing
- Delivery/Testing – Feb 2022



Cheatham MV Cables

- Awarded 28-SEP-21
- Intec Group - \$2.649M
- Funded by Plant Asset by O&M and Section 212

Cordell Hull Excitation

- Awarded to Reivax 15-MAR-21 - \$2.298M
- Mobilization Jan 2022

Center Hill MV Cables

- Awarded 1-SEP-21
- Interstate Electrical - \$4.529M
- Site Visit - October

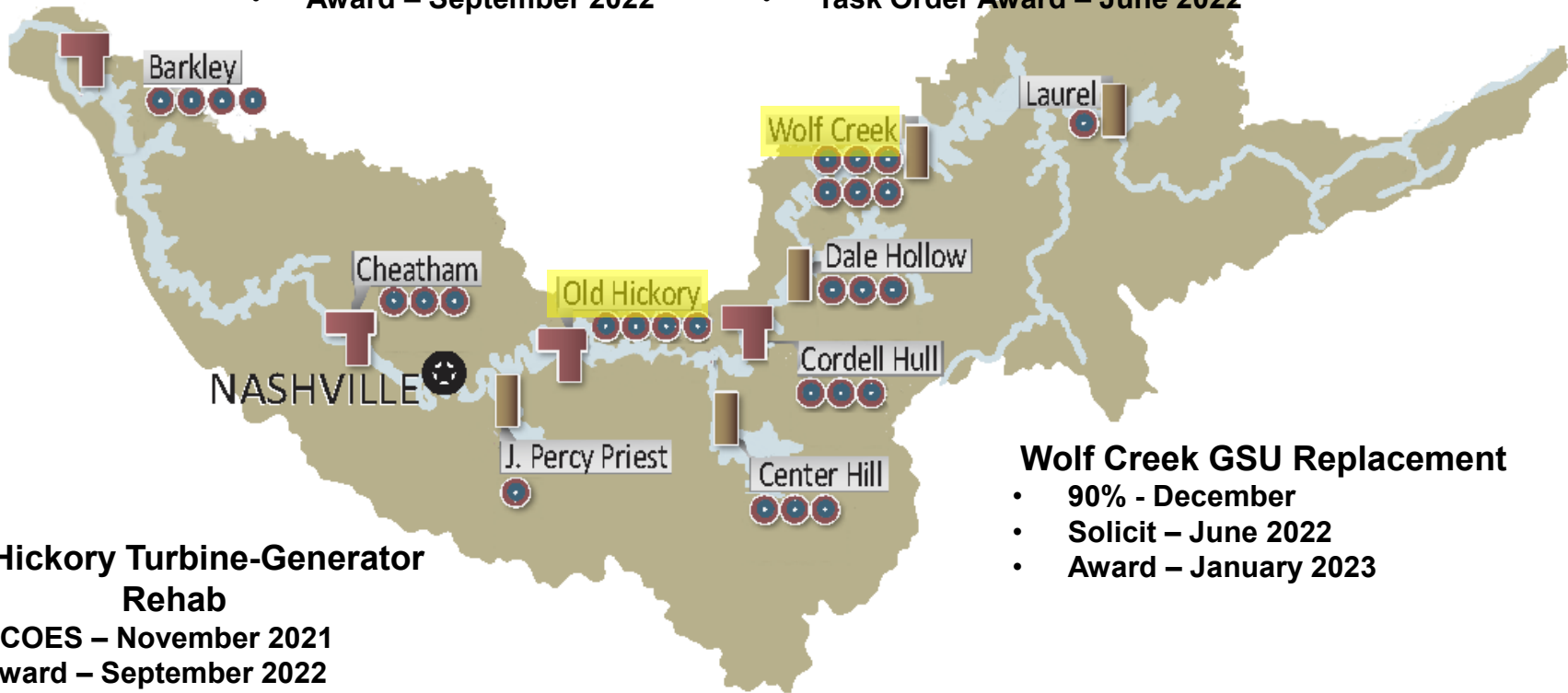


SCHEDULED FY22 SOLICITATIONS



- Old Hickory GSU Install**
- 90% - November
 - Award – September 2022

- Old Hickory Excitation**
- BCOES – January
 - Task Order Award – June 2022



- Old Hickory Turbine-Generator Rehab**
- BCOES – November 2021
 - Award – September 2022
 - Base + Option

- Wolf Creek GSU Replacement**
- 90% - December
 - Solicit – June 2022
 - Award – January 2023



ANALYSIS & DESIGN



- **Wolf Creek HRAR**
 - Customers Receive Preliminary Report – Mid-October
 - Presentation of Draft Report – 27-October
- **Wolf Creek Dissolved Oxygen System**
 - Presentation of Analysis – 27-October
 - 90% - February 2022
 - Award – July 2022 (Funding Dependent)
- **Wolf Creek Excitation Replacement Engineering Design**
 - Commenced 1-OCT
 - RTA Package via SATOC – Sep 2022





5-YEAR PROGRAM STRATEGY



Cumberland River System Gantt Chart

Power Plant	Project Title	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
		FY22				FY23					FY24					FY25					FY26			
Barkley	Turbine/Generator	C	C	C	C	///	///	///	///	///	///	///	///	///	///	///	///	///	///	///	///	///	///	///
Wolf Creek	HRAR	PL	PL																					
Cordell Hull	HRAR			PL	PL	PL	PL	PL	PL															
Cheatham	HRAR									PL	PL	PL	PL	PL	PL									
Wolf Creek	Dissolved Oxygen Investigation	D	C	C	C	C	///	///	CMP															
Cordell Hull	Excitation	C	///	///	///	CMP																		
Old Hickory	Excitation	A	C	C	C	C	C	///	///	///	CMP													
Old Hickory	Main Power Transformer	C	C	C	C	C	///	CMP																
Old Hickory	Turbine/Generator	D	D	A	A	A	C	C	C	C	C	C	C	C	C	///	///	///	///	///	///	///	///	///
Cheatham	Medium Voltage Cables & Busses	C	C	///	///	///	///	CMP																
Wolf Creek	Main Power Transformer	D	D	A	A	C	C	C	C	C	///	///	CMP											
Center Hill	Medium Voltage Cables & Busses	C	C	C	///	///	///	///	CMP															
Wolf Creek	Excitation	D	D	D	D	A	C	C	C	C	C	///	///	///	///	CMP								
Wolf Creek	DC / Preferred AC System					D	A	C	C	C	///	CMP												
Wolf Creek	Powerhouse Crane					D	D	A	A	C	C	C	C	CMP										
Wolf Creek	Turbine/Generator		D	D	D	D	D	A	C	C	C	C	C	C	C	C	C	C	C	///	///	///	///	///
Wolf Creek	Medium Voltage Cables & Busses						D	D	D	D	A	C	C	///	///	///	CMP							
Cheatham	Intake Gantry Crane											D	D	D	D	A	A	C	C	C	C	C	C	C
Cordell Hull	Powerhouse Crane															D	D	D	D	A	A			
J. Percy Priest	DC / Preferred AC System																D	D	D	D	D	A		
Cheatham	Excitation														D	D	D	D	D	A	C			
Laurel	Excitation																D	D	D	D	D			
Center Hill	Station Service Power Systems																D	D	D	D	D	A		
Dale Hollow	Excitation																D	D	D	D	D	A		
Old Hickory	Station Service Power Systems																	D	D	D	D			

LT-MOA SA #11 –

- WOL Excitation Acquisition
- WOL Powerhouse Crane Review
- WOL DC / Preferred AC Acquisition
- WOL Medium Voltage Cables Design
- CHE Intake Crane Design

ST-MOA –

- Initiate Wolf Creek TG Rehab Engineering Design Following HRAR Approval
- Sub-Agreements for Wolf Creek TG Rehab
- Incrementally Funded Contract Award in FY23/24



QUESTIONS?

