LRN HYDROPOWER EFFICIENCY INITIATIVE

Kimberly Edwards Hydropower Efficiency Manager Nashville District 6 April 2021

OPERATING FLOOR EL. HT 10

Conversion.

ENGERANCE OF CONTRACTOR

US Army Corps of Engineers ®

°∼--- Wontennoust …

119 P O FAR BO THE BANE BARRIERADE CAN BE VIED FOR LICENTLE DAVI

> PHESTRESSED-CONC Mission Griden

NOTE: TARTER GATE 107 JHOUT



LRN HYDROPOWER EFFICIENCY INITIATIVE



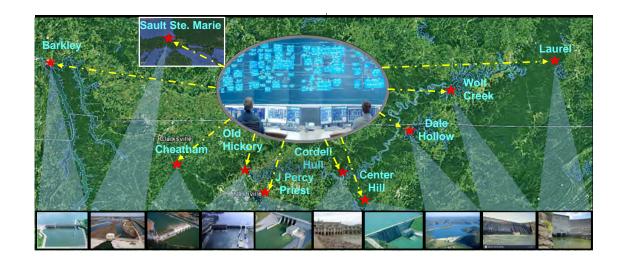
Maximize Operation & Maintenance (O&M) Efficiencies

- Establish a Centralized Control Center (CCC)
- Conversion of master plants to remote capable plants
- Upgrade existing SCADA system
- Reduce power plant shift operators by approximately 50%





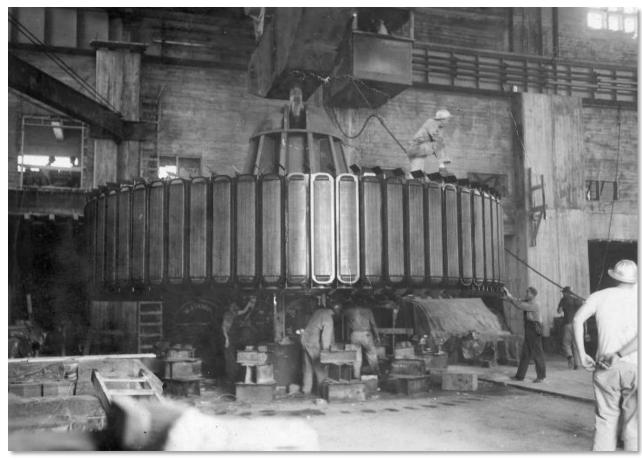
- Selected CCC Location Training Classroom
- Backup CCC Location Analysis of Alternatives
- FY23 PRIP funding
- Facility Account Approval











Wolf Creek Generator Rotor