

**FACT SHEET
OPERATIONS AND MAINTENANCE**

PROJECT NAME AND STATE: Hartwell Dam and Lake, GA

AUTHORIZATION: Flood Control Act of 1950 and 1958; Water Resources Development Act of 1976.

SUMMARIZED FINANCIAL DATA

	<u>O&M</u>
Allocation for FY 2016	\$11,688,001
Allocation for FY 2017	\$11,774,087
Allocation for FY 2018	\$12,591,893
Allocation for FY 2019	\$12,598,466

LOCATION AND DESCRIPTION: The project is located midway between Atlanta, Georgia and Charlotte, North Carolina. The dam is a concrete gravity type; 1,900 feet long and 225 feet high with a 568-foot controlled spillway. The project provides 2,843,000 acre-feet of storage with 1,416,000 acre-feet allocated to hydropower, 293,000 acre-feet to flood control and 1,134,000 acre-feet to inactive storage. The project also boasts 962 miles of shoreline, 55,950 acres of water, and 20,933 acres of land, which are situated in six counties and two states (Georgia and South Carolina).

ACTIVITIES FOR FY2018: Performed routine hydropower operations and maintenance with 4 generating units available. Performed routine operation and maintenance of 45 recreation areas within established recreation seasons. Performed routine shoreline management, environmental stewardship and environmental compliance activities. Continued work on four water reallocation requests. Continued work efforts on Shoreline Management Plan and Master Plan. Initiated Civil Works Land Data Migration work.

ACTIVITIES FOR FY2019: Perform routine hydropower operations and maintenance, upgrading the main power transformers fire suppression system, and design/repair trunnion bearing supports for spillway gates. Evaluate Clemson Pumping Station for infrastructure upgrades. Perform routine operation and maintenance of 45 recreation areas within established recreation seasons. Perform routine shoreline management, environmental stewardship and environmental compliance activities. Initiate the 1st phase of surveying and resetting additional missing boundary line monuments. Continue water reallocation study, updating the Master Plan and finalizing the Shoreline Management Plan. Execute repairs to the GA and SC earthen embankment weirs, and construction/execution of final 10% of Duke Mitigation funds for improvements to lake access facilities.

ISSUES AND OTHER INFORMATION: Budget amount of \$12,598,466 will be used to operate and maintain hydropower and recreation facilities at acceptable levels. Hartwell is one of the most visited projects in the nation. The project serves 8M+ visitors annually, resulting in \$452M in visitor spending within 30 miles of the project and \$1.4M in user fees returned to the United States Treasury. Hartwell has the largest shoreline management program in the nation with approximately 11,000 docks and 12,000 permits. The Hartwell Power Plant produced 430,915 MWH in FY18, with \$21.6M in total power revenues. Hartwell Project has prevented \$101M in cumulative flood damages since construction. Savannah District will continue to work on four water reallocation requests under one study analysis with a total anticipated cost of \$959k.

ADMINISTRATION POSITION: Project is consistent with current Administration policy.

ACTION OFFICER: Spencer Davis
5195

11 April 2019

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