Dale Hollow Lake

Obey River, Celina, TN

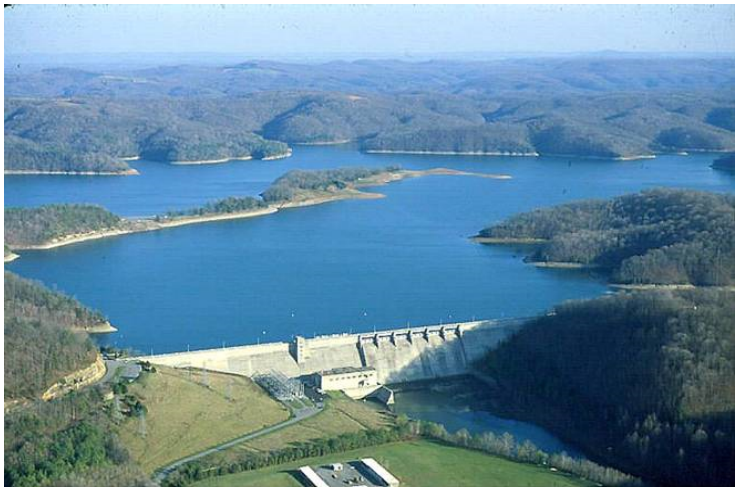
Project Features

- Authorization: Flood Control Act of 1938 and the Rivers and Harbor Act of 1946. Primary authorized purposes are flood control, production of hydroelectric power, recreation, water supply, and environmental stewardship.
- Dale Hollow Dam is located approximately 3 miles east of Celina, Tennessee on the Obey River, 7.3 miles above its confluence with the Cumberland River.
- The dam stands at a maximum height of 200' above the bed of the river and has a total crest length of 1,717'. The dam impounds Dale Hollow Lake, a reservoir able to store a maximum of 1,706,000 acre feet of water. The dam provides 353,000 acre feet of flood storage capacity for a 935 square mile drainage basin.
- The hydroelectric power plant operates three, main Francis turbine-generator units having a combined rated capacity of 54,000 kilowatts.
- Dale Hollow Lake reaches 61 miles upstream from Dale Hollow Dam. There are 620 miles of shoreline, 27,700 acres of water and 24,842 acres of land at normal summer pool (elev. 651).

Consequences of Not Maintaining the Project

- Failure to provide adequate funding to maintain this facility will have significant effects to the local and regional economy including: reduced electrical power production capabilities; and increased potential for flooding along the Cumberland River.

- Closure of recreation areas will result in degradation of facilities, negative public reaction and potential Congressional inquiries.



Regional Importance

- Over 2.7 million people visit the lake's 10 Corps managed recreation areas, 4 campgrounds (407 sites), 7 picnic areas (192 picnic sites), 3 swimming beaches, 34 primitive camping locations (80 sites), 5 hiking trails, 15 commercial marinas, 1 State Park and 2 outgranted group camps. Dale Hollow Lake is a regional tourist vacation destination attracting a significant number of visitors from Ohio and Indiana in addition to hosting local Tennessee and Kentucky visitors.

- Dale Hollow Power Plant, which produces approximately 127 million kilowatt hours of electricity annually, has the capacity to provide power quickly in order to meet peak power demands. Dale Hollow hydropower is renewable, reliable, clean, and efficient power. Hydroelectric power generation saves valuable fossil fuels for future generations.

- The dam has prevented over 329 million dollars in flood damages since becoming fully operational.

- 2.7 M visits in 2012 resulted in $67M in visitor spending within 30 miles of Dale Hollow Lake.

- Reservoir supplies numerous municipal and commercial water users.

U.S. Army Corps of Engineers Fiscal Year (FY) 2016, 2017, 2018
Project Appropriations and President's Budget ($1,000)

	FY 16 O&M Appropriation			FY 17 O&M Appropriation			FY 18 O&M President's Budget		
Business Line	Operation	Maintenance	Total	Operation	Maintenance	Total	Operation	Maintenance	Total
Hydropower	$2,362	$645	$3,007	$2,435	$663	$3,098	$2,515	$2,335	$4,850
Joint	$1,522	$215	$1,737	$1,588	$222	$1,810	$1,595	$239	$1,834
Recreation	$1,721	$0	$1,721	$1,700	$250	$1,950	$1,700	$47	$1,747
Environmental Stewardship	$252	$75	$327	$143	$219	$362	$401	$204	$605
Water Supply	$32	$0	$32	$35	$0	$35	$35	$0	$35
Total	$5,889	$935	$6,824	$5,901	$1,354	$7,255	$6,246	$2,825	$9,071

In addition to annual appropriations, this project currently has the following maintenance funding needs in order to operate at an optimum level of service and reliability.

	FY 18 Funding Requests for Maintenance ($1,000)		
Business Line	Total	Package $	FY 18 Maintenance Needs
Joint	$4,225	$3,000	Spillway Gates and Machinery - Protective Coating
		$750	Replace Spillway Gate Machinery
		$475	Replace Dam and Intake Works Power Service Cable Trays
Recreation	$2,584	$774	Replace Failing Sewer System #3 - Obey River Campground
		$110	Engineering & Design for Sewage System to Replace Failing Systems #1 and #2
		$405	Critical Non-Routine Maintenance Activities and Facility Improvements
		$70	Purchase and Install Sustainable Entrance Station - Willow Grove Campground
		$750	Installation of New Sewage System to Replace Failing Systems #1 and #2
		$475	Replace 2 Failing Showerhouses with 1 New Showerhouse - Willow Grove C.G.

Additional Information:

- Fee Lands: 52,449 acres
- Flowage Easement Lands: 102 acres
- Project Boundary Line Marked: 360 miles
- FY 16 Use Fee Revenues: $797,079

Congressional Interests

Representative Scott DesJarlais, R-TN-4
Representative Diane Black, R-TN-6
Senator Lamar Alexander, R-TN
Senator Bob Corker, R-TN
Representative James Comer, R-KY-1
Senator Rand Paul, R-KY
Senator Mitch McConnell, R-KY