



## USACE Hydropower – Reliable Energy for America

The U.S. Army Corps of Engineers (USACE) is the largest owner-operator of hydroelectric power plants in the United States and one of the largest in the world. USACE currently operates 353 hydroelectric generating units at 75 multipurpose reservoirs, having a total installed capacity of 23,900 megawatts with approximately 60 percent located in the Pacific Northwest. This capability generates about 24 percent of America’s hydroelectric power and represents approximately 3 percent of the country’s total electric-generating capacity.

### Funding

The President’s Budget for Fiscal Year 2020 (FY20) includes \$4.827 billion in gross discretionary funding for the Civil Works program of USACE, and includes \$218 million for the Hydropower Program. The Budget supports the priority operations and maintenance work necessary to maintain safe project operation and avoid plant closure. The Budget was developed using a risk management approach, and focuses investment on increasing project reliability, as well as continuing safe and efficient operations at USACE hydropower facilities across the Nation. USACE’s hydroelectric plants, built as an additional benefit to projects whose primary purposes are commercial navigation and/or flood damage reduction, produce over 70 billion kilowatt-hours of electricity each year.

The USACE Hydropower Program uses risk management processes (e.g., monitoring, examination, and analysis) to decide where and when to invest in maintenance and repair in order to assure safe operations and provide national economic benefits. USACE continues to work closely with Power Marketing Administrations and their customers to identify both funding priorities and opportunities for direct non-Federal financing of hydropower improvements.

### Program Objectives

- Improve the efficiency and effectiveness of existing USACE hydropower capability.
- Recapitalize and upgrade projects where the investment will provide a high return to the Nation.

Key Messages	Facts & Figures
<ul style="list-style-type: none"> <li>• USACE is the largest owner-operator of hydroelectric power plants in the United States and one of the largest in the world.</li> <li>• USACE hydropower plants produce over 70 billion kilowatt-hours of electricity annually.</li> <li>• USACE hydropower plants provide low-cost energy to communities.</li> </ul>	<ul style="list-style-type: none"> <li>• USACE operates 75 hydropower plants with a rated capacity of 23,900 Megawatts (MW).</li> <li>• USACE owns and operates 353 hydroelectric generating units that represent 24 percent of the nation’s hydropower capability and 3 percent of the total electric capability.</li> <li>• USACE has 68 non-Federal FERC-licensed hydropower plants operating on its facilities with a total capacity of 2,497 MW.</li> </ul>