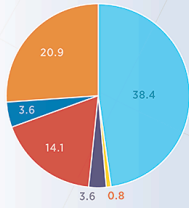


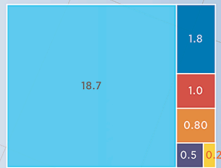
<https://nhaap.ornl.gov/2016-national-hydropower-map>

CAPACITY

HYDROPOWER (GW)



PUMPED STORAGE (GW)

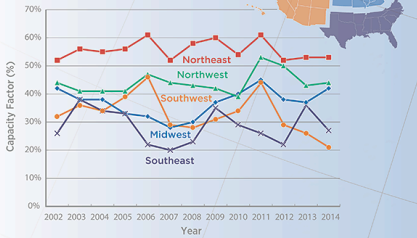


USACE Reclamation TVA Non-Fed on USACE Non-Fed on Reclamation Non-Federal

Source: NHAAP, National Hydropower Plant Dataset, 2016 (v1)

PERFORMANCE

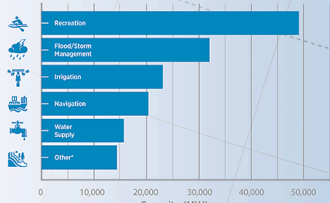
CAPACITY FACTOR BY REGION



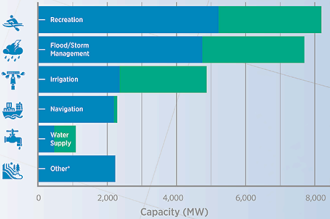
Source: EIA, Forms 920/921/923

BENEFITS BEYOND POWER

DISTRIBUTION OF ADDITIONAL SERVICES OF EXISTING HYDROPOWER PLANTS WITH DAMS



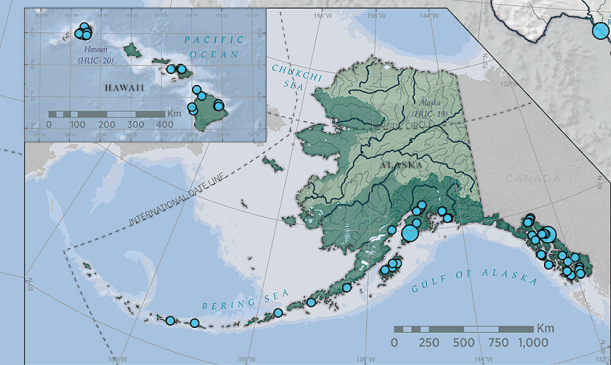
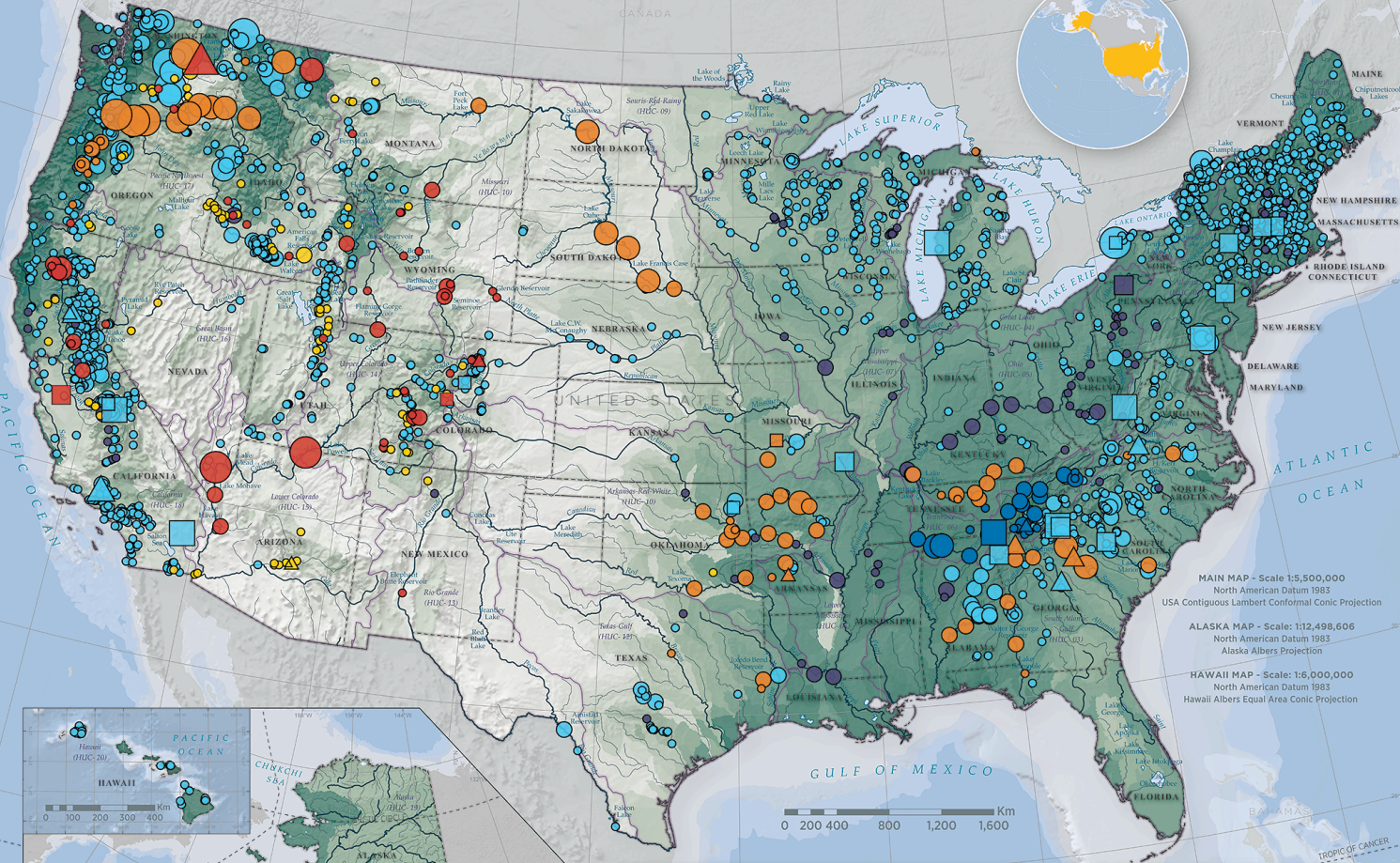
DISTRIBUTION OF ADDITIONAL SERVICES OF EXISTING PUMPED STORAGE HYDROPOWER PLANTS WITH DAMS



Legend: ■ Plants with Only Pumped Storage Dams ■ Plants with Hydropower and Pumped Storage Units

*The "Other" category includes recreation, flood and storm management, irrigation, navigation, water supply, and other services. For protection, check or small (100,000, 100,000, and 100,000) of water risk from rising operations. Note: Additional services of hydroelectric and pumped storage hydroelectric plants are not mutually exclusive. The total capacity for each service is assumed to be included in the graph for each associated purpose that it supports.

Source: NHAAP, Existing Hydropower Assets Database, 2016, (initial only)



Sources: CleanTopo2, Energy Information Administration, Environmental Systems Research Institute, Federal Energy Regulatory Commission, The National Atlas of the United States, National Hydrography Dataset, National Hydropower Asset Assessment Program, National Inventory of Dams, NHDPlus, Tennessee Valley Authority, US Army Corps of Engineers, US Bureau of Reclamation, US Geological Survey, Center for EROS, Water Boundary Dataset.

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U.S. HYDROPOWER PLANTS

OWNERSHIP (SYMBOL COLOR)

USACE Reclamation TVA Non-Fed on USACE Non-Fed on Reclamation Non-Federal

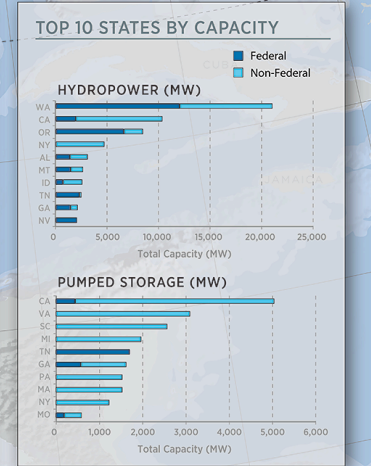
TYPE (SYMBOL SHAPE)

Hydropower	Mixed Capabilities	Pumped Storage
○ 0 - 50 MW	△ 0 - 50 MW	□ 0 - 50 MW
○ 50 - 300 MW	△ 50 - 300 MW	□ 50 - 300 MW
○ 300 - 1,000 MW	△ 300 - 1,000 MW	□ 300 - 1,000 MW
○ 1,000 - 2,500 MW	△ 1,000 - 2,500 MW	□ 1,000+ MW
○ 2,500+ MW	△ 2,500+ MW	

HYDROGRAPHY

Average Annual Runoff (mm/yr): 3,895 250 0

Watershed Region (2-Digit HUC) Major River Minor River



MAIN MAP - Scale 1:5,500,000
North American Datum 1983
USA Contiguous Lambert Conformal Conic Projection

ALASKA MAP - Scale: 1:12,498,606
North American Datum 1983
Alaska Albers Projection

HAWAII MAP - Scale: 1:6,000,000
North American Datum 1983
Hawaii Albers Equal Area Conic Projection