

Maine Hydroelectric Operations: Kennebec River



About NextEra Energy Resources

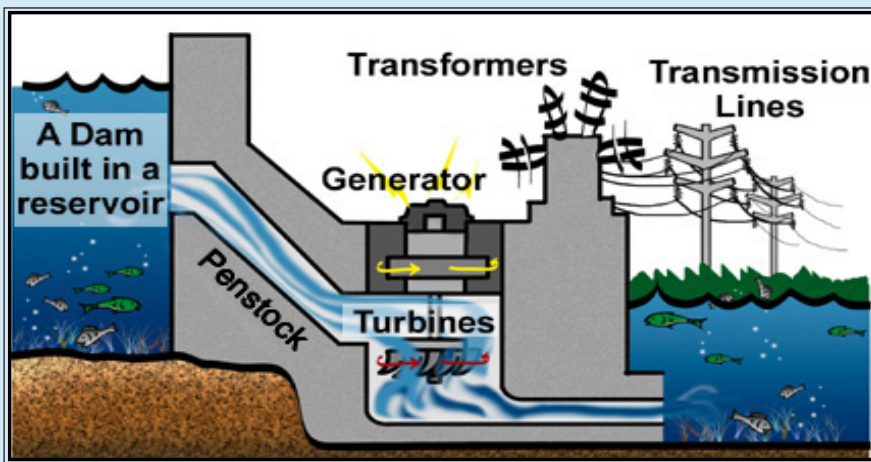
- » A leading clean energy provider operating wind, natural gas, solar, hydroelectric and nuclear power plants
- » More than 16,700 megawatts of generating capacity in the United States and Canada
- » The largest wind generator in North America
- » A subsidiary of NextEra Energy, Inc., with headquarters in Juno Beach, Florida
- » Approximately 95 percent of our electricity comes from clean or renewable sources
- » Visit us at www.NextEraEnergyResources.com

-As of Jan. 2012

How reservoirs and hydro plants work

Dam structures hold back water in three storage reservoirs. Reservoirs store rainwater and snow melt for release downstream to mitigate flooding and supply much of the water needed by industries, power generators and municipalities during dry months.

As needed, the water in the reservoir is allowed to fall through turbine blades inside the power house, spinning the turbine. The spinning turbine is connected by a shaft to a generator. The shaft turns the generator, which produces electricity. The electricity goes into power lines that deliver it to homes and businesses.



Overview of hydroelectric power operations

- » Subsidiaries of NextEra Energy Resources own and operate 23 hydroelectric generating stations totaling about 360 megawatts (MW) and maintains eight water storage reservoirs in Maine

Kennebec River overview

- » Manages three reservoirs supplying the Kennebec River system: Brassua, Moosehead and Flagstaff lakes
- » Operates six generating stations: Harris, 85.9 MW, built in 1954; Wyman, 83 MW, built in 1930; Williams, 14.9 MW, built in 1939; Weston, 13.2 MW, built in 1920; Shawmut, 9.5 MW, built in 1913; Lockwood, 7 MW, built in 1919 (ownership, 50 percent)

Benefits

- » Provides employment opportunities
- » Adds tax base to the municipalities
- » Provides scheduled water releases to support whitewater boating as well as fishing, boating and recreational facilities
- * Supports economy through purchases of regional goods and services
- * Participates in community activities and supports local organizations