

Colliersville Hydroelectric Project (FERC No. 2788-NY)
Application to the Susquehanna River Basin Commission

Project Description

The Colliersville Project is located on the Susquehanna River in the Town of Milford, Otsego County, New York. The major project features include: a 200-foot-long, 35-foot-high reinforced concrete Ambursen-type dam (Colliersville Dam); a 364-acre reservoir (Goodyear Lake) with a gross storage capacity of 7,800 acre-feet at a normal pool elevation of 1,150.22 feet; a 550-foot-long reinforced concrete power canal, approximately 50 feet wide and 6 feet deep at the head gates, extending from a head gate structure adjacent to the dam (i.e., the intake) to the powerhouse; a powerhouse containing two turbines rated at 850 horsepower (HP) and 1,150 HP, and two generators having a rated capacity of 650 kW and 850 kW, respectively; a 300-foot-long and approximately 50 to 60-foot-wide tailrace; and a 700-foot-long bypassed reach of the Susquehanna River extending from the dam to the end of the tailrace. The existing turbine-generator units have a combined authorized capacity of 1,487.5 kW, a minimum hydraulic capacity of approximately 75 cfs and a maximum of 706 cfs total.