

Project Sponsor: Cube Hydro Partners, LLC / York Haven Power Company, LLC
Pending No. 2019-084
Application Type: Other – Hydroelectric Project

**York Haven Hydroelectric Project (FERC Project No. 1888)
Project Description**

York Haven Power Company LLC (YHPC) operates and maintains the York Haven Hydroelectric Project (Project), located in York, Dauphin, and Lancaster Counties, Pennsylvania, in accordance with a 40-year license issued by the Federal Energy Regulatory Commission (FERC) dated December 22, 2015. The Project is one of five hydroelectric projects located on the lower Susquehanna River, and is the most upstream. The Project includes a headrace wall, main dam, east channel dam, powerhouse, and forebay bulkhead. The powerhouse is integral with the dam and includes 20 turbine-generator units capable of generating 19.62 MW. YHPC operates the Project in run-of-river mode. The Project does not withdraw surface or groundwater, and there is no consumptive use of water.

The Project's impoundment, Lake Frederic, has 2,218 surface acres and includes several islands. The Project includes 10 recreation sites, owned and operated by YHPC for the recreating public. Under the terms of the FERC Project license, YHPC will improve fish passage at the Project by constructing a nature-like fishway (NLF) at the north end of the dam, where it abuts Three Mile Island. The design and permitting of the NLF is ongoing, and it is anticipated that construction of the NLF will be complete by November 2021. Additional Protection, Mitigation, and Enhancement (PME) measures provided by YHPC at the Project include an annual \$25K contribution to the York Haven Conservation District for debris removal in the lower Susquehanna River watershed and implementing a FERC-approved Historic Properties Management Plan (HPMP) to protect properties listed or eligible for listing on the National Register of Historic Places.