

RIPOGENUS AND PENOBSCOT MILLS PROJECTS RELICENSING - Request for Operations Model Run

Date of Request:	March 5, 2024
Name of Requestor:	Laura Paye
Affiliation of Requestor:	Hydropower Coordinator, Maine Department of Environmental Protection
Title of Scenario:	Range of Flows Below McKay Station

Required: Describe the scenario request (i.e., modification to the Baseline Scenario) and the resource(s) of interest and the anticipated benefit to the resource(s) as a result of this requested scenario. Identify metrics for evaluating success/benefit of this scenario and the specific questions you think this scenario will answer.

- Model Steady Target flows (24/7) at 500, 600, 800, 1,000, 1,200, and 1,400 cfs
- If the number of requests is infeasible, the Department requests the following be the minimum discharges modelled from McKay Station: 500, 1,000, and 1,400 cfs
- See November 15, 2023 Department comments on the “Draft Interim Plan for Aquatic Resource Protection during McKay Station Outages”
- Requested scenarios are to address water quality concerns from the Stranding Study in the ISR, which will be a topic in the Water Quality Certification process with the Department

Each scenario run will be compared with the “Baseline Scenario”. “Baseline” project operating conditions follow the operating requirements of the existing FERC license as described below.

All elevations are expressed in National Geodetic Vertical Datum of 1929 (NGVD 29) unless otherwise specified.