

**Millinocket/Quakish Dam (Penobscot Mills Project) FERC No. P-2458**

Decision Criteria	Keep and Maintain Dam	Improve Fish Passage	Improve Hydropower Capacity	Improve Hydro AND Fish Passage	Remove Dam
Sea-run fish habitat area (100 square m)	0	0-6	0	0-6	0-12
River recreation area (square km)	0	0	0	0	0
Reservoir storage (100,000 acre feet)	0.1	0.1	0.1	0.1	0
Annuitized project costs (\$2018 thousands/yr)	1,657	1,970	1,657	1,970	215
Breach Damage Potential	1	1	1	1	0
Number of Properties Impacted	0	0	0	0	9
Annual Electricity Generation (GWh/yr)*	203	203	203	203	0
CO2 Emissions Reduction (kilotonne/yr)	38	38	38	38	0
Indigenous Lifeways	-	-	-	-	-
Industrial Historical Value	-	-	-	-	-
Community Identity	-	-	-	-	-
Aesthetic Value	-	-	-	-	-
Public Health	-	-	-	-	-
Social and Environmental Justice	-	-	-	-	-

\*1 GWh = 1000 MWh, so to convert from GWh to MWh, multiply the value by 1,000. To convert from MWh to GWh, divide by 1,000.

**East Millinocket Dam (Penobscot Mills Project) FERC No. P-2458**

Decision Criteria	Keep and Maintain Dam	Improve Fish Passage	Improve Hydropower Capacity	Improve Hydro AND Fish Passage	Remove Dam
Sea-run fish habitat area (100 square m)	0	0-18	0	0-18	4-37
River recreation area (square km)	0	0	0	0	0
Reservoir storage (100,000 acre feet)	0	0	0	0	0
Annuitized project costs (\$2018 thousands/yr)	406	471	1,897	1,962	168
Breach Damage Potential	1	1	1	1	0
Number of Properties Impacted	0	0	0	0	0
Annual Electricity Generation (GWh/yr)*	38	38	60	60	0
CO2 Emissions Reduction (kilotonne/yr)	7	7	11	11	0
Indigenous Lifeways	-	-	-	-	-
Industrial Historical Value	-	-	-	-	-
Community Identity	-	-	-	-	-
Aesthetic Value	-	-	-	-	-
Public Health	-	-	-	-	-
Social and Environmental Justice	-	-	-	-	-

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**North Twin Dam (Penobscot Mills Project) FERC No. P-2458**

Decision Criteria	Keep and Maintain Dam	Improve Fish Passage	Improve Hydropower Capacity	Improve Hydro AND Fish Passage	Remove Dam
Sea-run fish habitat area (100 square m)	0	0-826	0	0-826	0-1652
River recreation area (square km)	2		2		2
Reservoir storage (100,000 acre feet)	0.2	0.2	0.2	0.2	0
Annuitized project costs (\$2018 thousands/yr)	403	467	1,880	1,945	212
Breach Damage Potential	2	2	2	2	0
Number of Properties Impacted	0	0	0	0	589
Annual Electricity Generation (GWh/yr)*	47	47	75	75	0
CO2 Emissions Reduction (kilotonne/yr)	9	9	14	14	0
Indigenous Lifeways	-	-	-	-	-
Industrial Historical Value	-	-	-	-	-
Community Identity	-	-	-	-	-
Aesthetic Value	-	-	-	-	-
Public Health	-	-	-	-	-
Social and Environmental Justice	-	-	-	-	-

\*1 GWh = 1000 MWh, so to convert from GWh to MWh, multiply the value by 1,000. To convert from MWh to GWh, divide by 1,000.

**Dolby Dam (Penobscot Mills Project) FERC No. P-2458**

Decision Criteria	Keep and Maintain Dam	Improve Fish Passage	Improve Hydropower Capacity	Improve Hydro AND Fish Passage	Remove Dam
Sea-run fish habitat area (100 square m)	0	0-295	0	0-295	0-590
River recreation area (square km)	0	0	0	0	0
Reservoir storage (100,000 acre feet)	0.3	0.3	0.3	0.3	0
Annuitized project costs (\$2018 thousands/yr)	1,229	1,415	1,229	1,415	319
Breach Damage Potential	2	2	2	2	0
Number of Properties Impacted	0	0	0	0	25
Annual Electricity Generation (GWh/yr)*	98	98	98	98	0
CO2 Emissions Reduction (kilotonne/yr)	18	18	18	18	0
Indigenous Lifeways	-	-	-	-	-
Industrial Historical Value	-	-	-	-	-
Community Identity	-	-	-	-	-
Aesthetic Value	-	-	-	-	-
Public Health	-	-	-	-	-
Social and Environmental Justice	-	-	-	-	-

\*1 GWh = 1000 MWh, so to convert from GWh to MWh, multiply the value by 1,000. To convert from MWh to GWh, divide by 1,000.

**Millinocket Lake Dam (Penobscot Mills Project) FERC No. P-2458**

Decision Criteria	Keep and Maintain Dam	Improve Fish Passage	Improve Hydropower Capacity	Improve Hydro AND Fish Passage	Remove Dam
Sea-run fish habitat area (100 square m)	0	0-275	0	0-275	0-550
River recreation area (square km)	0	0	0	0	0
Reservoir storage (100,000 acre feet)	0.4	0.4	0.4	0.4	0
Annuitized project costs (\$2018 thousands/yr)	1	7	102	108	62
Breach Damage Potential	2	2	2	2	0
Number of Properties Impacted	0	0	0	0	119
Annual Electricity Generation (GWh/yr)*	0	0	730	730	0
CO2 Emissions Reduction (kilotonne/yr)	0	0	0	0	0
Indigenous Lifeways	-	-	-	-	-
Industrial Historical Value	-	-	-	-	-
Community Identity	-	-	-	-	-
Aesthetic Value	-	-	-	-	-
Public Health	-	-	-	-	-
Social and Environmental Justice	-	-	-	-	-

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