

Attachment (D): Background Information question 3(e) - Dams Upstream and Downstream of the Ware River Project

Upstream of the Ware River Project there are five dams. The closest one is located about 7 miles upstream of Pioneer Hydro Electric in the village of Wheelwright, Mass. It is a low hazard, low head, mill dam that is no longer producing power.

The next project is approximately 12 miles upstream of the Pioneer Hydro Electric project. It is the South Barre Dam in South Barre, MA and it is owned and operated by Ware River Power. It is currently under a FERC exemption. Its condition is good and it is monitored daily. The dam is 20' in height.

Almost immediately upstream of the South Barre Dam is the Powdermill Dam which is also owned and operated by Ware River Power. It is a small mill dam with a FERC exemption and low hazard classification.

Half a mile above the Powdermill Dam is the Massachusetts MWRA diversion dam for the Quabbin Reservoir, and five miles above that is the US Army Corps flood control project at Barre Falls. Both of these projects have the ability to divert and store flood flows and contribute greatly to the safety of the watershed.

Below the Pioneer Hydro Electric's Ware Project there are at least nine known existing hydro power projects on the Chicopee River Watershed that eventually runs into the Connecticut River. Two of those are about 7 miles downstream on the Ware River and they are both operating mill dams that are not FERC jurisdictional as they predate the Federal Powers Act.

The Chicopee River has no migratory fish or eel passage on any of these nine hydropower projects at this time.