

Attachment B. Public Release of Bid Facility Information

Bid Facility Name:	
Proposer:	
Technology:	
Proposed Nameplate Capacity (Megawatts):	
Location (Town/City and County):	
NYISO Interconnection Queue Number (if applicable):	
Interconnecting Utility:	
NYS PSC Article 10/ORES Case Number (if applicable):	
Located in Agricultural District?	
Bid Facility Website (if applicable):	

General Description of Project (250 words or more):

Northbrook Lyons Falls, LLC (NBLF) owns and operates the Lyons Falls Mill Development, a 5.6-MW facility located on the Black River just downstream from the confluence of the Moose and Black Rivers. The Mill Development currently consists of a gravity dam with waste gates and an intake section from which three penstocks lead to two powerhouses.

NBLF proposes to redevelop the Mill facility by demolishing the existing powerhouses, and removing the existing penstocks. A new concrete and steel powerhouse containing three identical 2.5 MW units will be constructed within the footprint of the demolished powerhouses, and three new penstocks will be installed to feed the new units. The dam, waste gate, trash rack, and intake structures will remain. The dam and waste gate structure will be rehabilitated to extend their useful lives, and the waste gate operators will be replaced. The trash rack structure will be refurbished to support a new trash raker, and a downstream fish passage will be installed. The intake structure will be modified to accommodate the increased hydraulic capacity.

The Redevelopment Project would increase the capacity of the Lyons Falls Mill Development to 7.5 MW. The new powerhouse would be constructed on the site of the existing facility. There would be no modification to the existing dam and no changes to the pond size or elevation. The new facility would continue to be operated in a run-of-river mode where the amount of water that comes into the pond equals the amount of water that flows out of the pond and down the Black River.

Total renewable generation at the site after it has been redeveloped would be approximately 50,000 megawatt-hours per year, which is enough renewable energy to supply almost 7,000 homes in New York State. This would represent an increase over existing conditions of about 21,000 megawatt-hours per year.