



CAYUGA OPERATING COMPANY LLC  
228 Cayuga Drive  
Lansing, New York 14882  
Telephone: (607) 533-7913  
Fax: (607) 533-8744

April 16, 2021

Mr. Jonathan Stercho  
New York State Department of Environmental Conservation  
Division of Environmental Permits – Region 7  
615 Erie Boulevard West  
Syracuse, NY 13204-2400

Re: Renewal Application for Water Withdrawal Permit  
Cayuga Operating Company, LLC, Lansing, Tompkins County, New York  
NYSDEC ID No. 7-5032-00019 WSA#:11,753

Dear Mr. Stercho:

Pursuant to your letter dated February 17, 2021, Cayuga Operating Company respectfully submits the following responses to your request for additional information:

1. *Current Water Usage – The engineering report (Table 2) states that the facility is currently operating a house service pump only, at a rate of 700 gallons per minute (GPM). Please clarify what the water withdrawn from Cayuga Lake is currently being used for at the facility. Please describe usage (in volumes) associated with the currently facility operations.*

Response: The water being withdrawn from Cayuga Lake is being used for: cooling/process water for transfer pumps, water treatment pumps, and sump pumps; for dust control; and to keep the fire lines charged for the safety of personnel when performing maintenance activities, and in the case of any incipient fires. Two emergency fire pumps are present at the facility, one with a rated capacity of 2,000 gpm, and the other with a capacity of 1,000 gpm to be available in case of a major fire event.

2. *Anticipated Daily Usage – Provide the anticipated average daily and maximum daily water withdrawals while the facility is no longer generating power.*

Response: Anticipated average daily water withdrawal is 1,008,000 MGD, and the anticipated maximum daily water withdrawal is 5,328,000. The average daily water withdrawal is based on house service pump operation only. Maximum withdrawal is based on the house service pump and two emergency fire pumps operating.

Mr. Kent Sanders  
NYSDEC DEP  
Cayuga Operating Company Initial Water Withdrawal Permit Application  
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If you have any questions concerning this matter, please contact me by phone at (607) 533-7913 or by email at [jmarabella@heorotpower.com](mailto:jmarabella@heorotpower.com).

Sincerely,



John Marabella  
Director, Environmental Affairs  
Cayuga Operating Company, LLC

cc: J. Hock P.E., NYSDEC DOW  
T. Vigneault P.E., NYSDEC R7 DOW