

## Questions to ask DEC R7 Regional Director Matt Marko

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- 1) Is Heorot Power-Cayuga going to be allowed to retain the once through cooling permit for the coal-fired power plant, even though a data center is a completely new project unrelated to coal-fired generation of electricity?
- 2) Why isn't an EIS being required for the cooling of any data center as it is well-known that water surface water is a key trigger of Harmful Algal Blooms?
- 3) Is DEC's technical review of Cargill's SPDES permit at Cayuga Salt Mine taking into consideration that any salinity added to Cayuga Lake through Cargill's SPDES permit raises lake salinity and thereby likely favors cyanobacteria over green and other non-toxic algae?
- 4) Why doesn't DEC revert to the drinking water standard for chloride of 250 mg Cl/liter, which is how Cargill's SPDES permit read in 1980? (Surely, the value of 9.5 cubic kilometers of drinking water is more valuable than profits earned by an out-of-state corporation.)

## Questions to ask Heorot Power-Cayuga Plant Manager Douglas Roll

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-How did purchase of the 88.57% GSO Capital Partners interest become a 99.86% ownership stake for the two buyers? Presumably, the buyers (or their investor owner) already held minority stakes?

-Who is the investor owner of Freyr Dataenergy, Inc, and Mjolnir Energy?

-Is Freyr Dataenergy any relation to the Norwegian battery startup, Freyr AS? Or to the Indian solar company, [Freyr Energy](#)?

-Did New York Power Authority's allocation in October 2019 of only 2MW of ReCharge NY low-cost hydropower, only 8% of the requested 25MW, put the future of any data center project at the Cayuga site in doubt?

The majority of new data centers use air cooling technologies, are built without subsidies, and are built near metropolitan areas that have intense cloud usage or are built near cheap sources of electric power.

- 1) What sort of cooling system would be used for any data center that Heorot Power might install at the Cayuga Power site?
- 2) If the answer is once-through water cooling using lake water, would it be fair to ask if a \$65M subsidy from the Empire State Development Corporation (or some lesser amount) in effect be paying Heorot Power to:
  - a) use an outdated last-century cooling technology that may exacerbate HABs on Cayuga Lake? And,
  - b) be paying Heorot Power to locate this project in a location that is neither fish nor fowl when it comes to sustainable placement of data centers? (not near cheap power or near the client base)