

Champlain Hudson Power Express, Inc.
OE Docket No. PP-362
Comments on Scope of DEIS
28 July 2010

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This list deals exclusively with potential issues related to the burial of the direct current power cables in the Hudson River in the vicinity of Columbia County

Construction Phase Issues

- 1) Impacts on fish habitat and spawning periods
- 2) Impacts on recreational and commercial river traffic
- 3) Impacts on existing infrastructure (Rip Van Winkle Bridge piers, pipelines or cables buried beneath or laying on the riverbed)
- 4) Impacts of disturbance and re-suspension of riverbed sediments and contaminants found in riverbed sediments
- 5) Landside staging area requirements for power cable installation (if any)

Operational Phase Issues

- 1) Impacts (physical and biological) of functioning power cables for human, plant, and animal life
- 2) Impacts on other adjacent infrastructure (pipelines or cables, whether crossed or parallel, and municipal and industrial outfall points) and, conversely, the impacts of operational infrastructure (pipelines, cables, or outfalls) on the power cables
- 3) Impacts on the Hudson River Federal Navigation Channel which is authorized at 32 foot depth and how to avoid damage to the power cables due to periodic maintenance dredging to maintain the 32 foot depth
- 4) Impacts of scheduled maintenance for the power cables
- 5) Impacts of power cables needing repair or catastrophic failure (severance) of the power cables
- 6) Proposed signage to alert river users to the presence of the buried power cables to avoid disturbance and damage
- 7) Proposed protocol for emergency first responders to secure human health and safety in the event of power cable damage/failure
- 8) Impact of seismic activity on power cable integrity