

From: [alinda baker](#)
To: [Congestion Study Comments](#)
Subject: HVDC Light Underground Technology
Date: Sunday, September 21, 2014 3:42:40 PM

Dear Personnel:

Thank you for this opportunity to write you. In your review of the engineering of planned lines, please consider above ground lines lose 5-7% of the electricity transmitted. Another option exists which is the HVDC Light Underground Technology.

<http://www.nonorthernpass.org/nh/2011/09/the-future-is-here-hvdc-light-underground-technology/>

Additional Technical Documents

http://efw.bpa.gov/environmental_services/Document_Library/PortAngeles/AppendixASeaBreezechnical.pdf

http://www.concernedcitizensmontana.net/Publish/hvdc_alternative_final.pdf

Light underground is advocated or planned for many Canadian Lines. Per Wikipedia, Hydro-Quebec is the World's largest hydroelectric producer.

There is the Quebec-New England Transmission is directly to Comerford, NH and Ayer, MA.

There a planned Northern Pass from Quebec to southern New England

The Hudson Power Express plans to deliver power from Quebec to Astoria, (queens suburb of NYC)...

There is a Lake Erie project from Ontario. "[62 miles](#)" of HVDC under Lake Erie would connect Ontario, Canada with PJM in the U.S. Only two expensive converter stations are needed

www.cleanpowerconnector.com

Other Proposed Submarine Cables per Wikipedia:

- [Champlain Hudson Power Express](#), 335-mile line. The Transmission Developers Company of [Toronto, Ontario](#), is proposing "to use the [Hudson River](#) for the most ambitious underwater transmission project yet. Beginning south of [Montreal](#), a 335-mile line would run along the bottom of [Lake Champlain](#), and then down the bed of the [Hudson](#) all the way to [New York City](#)."^[15]
- Power Bridge, [State of Maine](#)^[11]
- [Atlantic Wind Connection](#) between [Delaware](#) and [New Jersey](#), potentially between [Virginia](#) and [New York](#)^[18]

Please consider these lines as a possible future reduction of congestion in the Northeast. The following email gives my views from the Midwest.

Thanks,

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