

**From:** Peter and Pamela [<mailto:martinp003@gmail.com>]  
**Sent:** Monday, November 14, 2016 5:34 AM  
**To:** Monroe, Pamela  
**Subject:** Northern Pass

Dear Ms. Monroe:

Industrial hydro electricity emits 25% more methane than previously thought. As this article points out, industrial hydro, like the Hydro Quebec project, is extremely harmful to the environment. Industrial hydro is not "Green" energy as Eversource has stated. From the article:

**"Researchers found that rotting vegetation in the water means that the dams emit about a billion tonnes of greenhouse gases every year. This represents 1.3% of total annual anthropogenic (human-caused) global emissions.**

**When considered over a 100-year timescale, dams produce more methane than rice plantations and biomass burning, the study showed.**

**"We estimate that dams emit around 25% more methane by unit of surface than previously estimated," said Bridget Deemer, from the School of Environment at the Washington State University in Vancouver, and lead author of the study.**

<https://www.theguardian.com/global-development/2016/nov/14/hydroelectric-dams-emit-billion-tonnes-greenhouse-gas-methane-study-climate-change>

Peter & Pamela Martin