

Response to *Utility CEOs want stronger grid ties*

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According to the article describing the panel discussion involving the presidents of Atlantic Canada's largest electricity suppliers (*Utility CEOs want stronger grid ties*, 23 September 2020), Nova Scotia Energy and Mines Minister Derek Mombourquette appeared briefly on the panel to promote natural gas and the role it will play in displacing carbon.

While replacing coal-generated electricity with electricity from natural gas *will* reduce emissions in the short term (Nova Scotia Power has been doing this for the past several months and reduced its emissions by an estimated 6%), it isn't a long-term solution and will eventually need some form of carbon capture or emissions trading if Nova Scotia is to reach net-zero emissions by 2050.

Minister Mombourquette's remarks would have been acceptable (just), if he had stopped there, but he didn't. According to the article, the Minister also said that the proposed \$10-billion LNG export terminal in Goldboro would be part of the solution.

Pieridae's proposed LNG export terminal won't be part of the province's solution to reach the emissions targets laid out in the provincial government's 2019 *Act to Achieve Environmental Goals and Sustainable Prosperity* for two reasons.

First, it is an *export* terminal, meaning that the natural gas it purchases is for *export*, not use in Nova Scotia. Second, and more importantly, according to the 2013 Environmental Assessment Report from Pieridae Energy, the LNG terminal will add 3.8 *megatonnes* of greenhouse gases annually to Nova Scotia's emissions.

An extra 3.8 megatonnes will put Nova Scotia's 2030 emissions target of 53% below 2005 levels out of reach, even if Nova Scotia Power achieves its most optimistic Integrated Resource Plan scenario.