

Nicole McKenna

From: Jamie Fox <jdfox@assembly.pe.ca>
Sent: February 10, 2019 11:57 AM
To: RobertsJS@maritimeelectric.com
Cc: Nicole McKenna
Subject: MECL IRAC Application Written Questions

Categories: IRAC - Electric Matters

Morning,

Further to MECL application before IRAC, I am submitting the following Written Questions centered around a CBC article.

1. According to a CBC News Article dated the 8th Feb 2019, what is the current condition of utility poles in the Province of PEI and are they rated as per condition?
2. What problems occurred when high voltage transmission lines in central PEI failed?
3. What complications occurred or were present to prevent power coming to PEI from New Brunswick through the underwater power cables?
4. Why is wind power that is generated in PEI and that is feed into the MECL grid designed to shut down in a power outage?
5. What is the capability of the emergency back-up batteries in the MECL system, how old are the said batteries and what is the life span of the said batteries?

Subsequent Written Questions:

6. Has MECL conducted any review, research or study on the conversion of the back up generating system to be fueled by LNG gas or propane?
7. Has MECL conducted any review, research or study on the conversion of the back up generating system to be fueled by a bio mass fuel?
8. Has MECL conducted any review, research or study on the conversion of the back up generating system to be powered by steam generated by the PEI Energy Systems facility?
9. Has MECL conducted any review, research or study on the powering of the back up generating system by a dedicated wind turbine system that could supply power to the grid or switched directly to the back up generating system?
10. What is the cost per hour to operate the back-up generation system, what is the revenue income from all rate payers during operation of the back-up generating system per hour and what rate, fee or other cost is associated with the supplying of power from NB Power or other supplier during a period when the back-up generation system is in operation per hour?

I am requesting this email be acknowledged as received

Respectfully yours,

Jamie Fox, District 19 MLA
Opposition Critic:
Justice & Public Safety
Transportation, Infrastructure & Energy

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