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September 27, 2018

Memo to: IESO Engagement

Memo from: Garry Spence

Subject: NERSC Meeting - Webinar Recap

Gas was a major topic, including the cost of gas. Gas should not be considered as a source of power or heat. If they are considering gas for energy, we need to have gas removed from an energy source throughout Ontario, including the remote Indigenous communities and mines.

The carbon prices mentioned seem extremely high and we are not even sure there will be a carbon cost or tax in Ontario. I believe the federal government will enforce a carbon tax, if negative action is taken by the conservative party. The major producers of carbon need to be charged for their production of carbon. The same producers must start to take the proper action to reduce and replace their carbon producing energy sources with a clean energy supply, like Biomass base power providing combined heat and power at affordable prices.

I just received an email from the Ontario Ministry of Energy, Northern Development and Mines. The subject was, "Revoking Amendments to Ontario's Net Metering Framework". The ministry is intending to revoke the net metering framework effective October 1, 2018. This is not good because many projects were approved and awaiting installation. Net metering is good for the Power Authorities to receive new sources of energy from clean power generation. The surplus energy would have been sold to the Power Authority and that clean power could reduce the demand nuclear and/or carbon producing sources of energy. Our Biomass power systems provide clean heat and electricity for industry and commercial buildings and home owners. With the reduction of net metering, this will lead to a major increase in behind meter power production.

A growing power source will be decentralized and independent power production will grow. I believe IESO and the LDCs should get together and develop a means to introduce clean energy systems and techniques that can satisfy the independent power needs of the home owner and business owner. With IESO and the LDCs working together in HARMONY they can help to control and develop more independent power solutions for the home owners, business owners, schools/universities, mines and hospitals. Municipal solid waste can be used to provide clean power and divert from landfills. Industrial operations produce waste that could be used with our Biomass power systems to produce electricity and heat for the buildings. This would be a major cost saving for the building owners, plus causing a significant reduction in carbon to fight climate change.

The smaller communities off major highways could become Independent Power Producers and use some of the waste streams produced by the home owners and industry of these



communities. This will create local needed jobs and help to fight climate change for these communities.

Conservation is a major savings to the home owners, industrial and commercial owners, schools/universities, mines and hospitals. Our Air@Work systems are uniquely designed to effectively reduce the demand for heat and electricity by 50 to 70%, which is a major cost saving, plus a large reduction in carbon that is being produced by diesel electricity and natural gas and/or propane heating.

Energy conservation is a major cost saver and more importantly a major reducer of carbon.

Working together in HARMONY to redistribute our new power sources to help our economy with new jobs, while reducing our energy costs and carbon reduction is the FUTURE and needed now.

Best regards,

GASpence

Garry A. Spence
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