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New Market Rule and Manual Feedback

Sorry, we were unable to find your form, and we are pleased to provide our valued information to support the need power demand and power efficiencies to best service the Ontario Capacity Needs for 2020-2024 and beyond. One of the most important factors is to support the need to work together in HARMONY to meet and exceed the forthcoming power demands and needed changes in the sources of power.

Major changes in power production throughout all parts of Ontario must include:

- Less nuclear power and a halt to the upcoming nuclear power plant upgrades that will cost over the budget in the billions. The nuclear waste must stop, because they have not been able to dispose of the nuclear waste that has been produced since day one for the nuclear power throughout Ontario.
- It is so good to know that the price of solar is no longer in the \$3.00/watt range, now that China is producing about 90% of all solar panels and without import taxes the price per watt could be as low as \$0.10/watt. We respect solar, but it is a part-time power source and unreliable in many cases, especially as a result of the major weather changes with more rain, clouds, severe winds and increased fires. This is effectively reducing the production hours for the solar power throughout Ontario.
- How about the wind, it has sure increased and picked up its speed, causing wind turbines to stop producing power until the speed of the wind decreases to fit the parameters of the type of wind power system. There are more damages and service work that must be done to the wind turbines and Ontario doesn't have the trained people available to service the wind systems as required, therefore, more power shortages.
- The water power throughout Ontario does a great job and some of the water power locations need to be retrofitted. It is good that we have the Niagara Falls still producing power and doing an excellent job. It is unfortunate that the thousands of kilometers of our Great Lakes shorelines are not offering a source of tidal water that could be used to produce power. It is too bad that some of the waterways that could produce power are located in positions where they are not close to the power line and communities where the water power could be used.

Now how can we start to work in HARMONY with the Power Authorities from IESO to the local LDCs?

- We have an Energy Efficiency technology that is a heat exchanger that forms the core of an air cooling and heat recovery system by recirculating the exhaust air. Our system will reduce the energy needed for heating and cooling between 50 and 70%, plus effectively reduce greenhouse gases. This fact will greatly help to reduce carbon caused by heat sources of natural gas, propane, diesel, oil and coals. Our Energy Efficiency solution can service homes to hospitals and most other types of industrial buildings and large office and apartment facilities. Our Energy Efficiency technology is a key part of bringing



homes and small buildings to a Non-Emitting position by adding a heat pump to the home or building. We need more Non-Emitting homes and buildings and the heat pump will help to increase the power demand, to compensate for the Energy conservation that our Energy Efficiency technology will produce. At this time, we understand that B.C. will not give a new home building permit unless the home will be a Non-Emitting home.

- We have Biomass Power systems that will provide power only or combined heat and power (CHP). We can help the remote communities divert from diesel, but in some of the remote communities in the far north there are no trees, therefore, we must ship the needed wood chips and other waste streams to the far north to provide the biomass fuels needs to produce the energy, such as; cardboard, paper, plastics and other components from their daily waste streams. Our small Biomass Power systems can cleanly consume other waste streams and we will test potential waste streams that will help to reduce the waste that goes to our landfill locations. Our larger Biomass Power systems from 1 MW to 50 MW can provide clean power and divert 30 to 40% of MSW from going to landfill and use up much of the rest of the MSW and convert it to healthy and clean compost material, which will greatly reduce the waste going to landfills throughout Ontario.
- Our Biomass CHP systems provide the opportunity to be uniquely engineered, designed and implemented to best service the unique power demand for each project. This will created needed jobs, while providing clean energy at reduced costs.

By mixing energy conservation with clean energy power production working together in HARMONY, the conservation will reduce the demand for more power supply as the population grows. While it helps to reduce the power demand quantity, it will greatly save on energy supply costs to service the Ontario power demand.

We are hearing more home owners and business owners are looking at getting off the grid and becoming self-powering. We believe this could happen and we are prepared to work with IESO and the local LDCs for them to supply our Energy Efficiency and our base Biomass Power systems to work together in HARMONY to supply your customers with the right energy efficiency and power production best uniquely designed for each individual application.

We have another major problem that is starting and needs help, that's Ontario's distribution lines that are starting to need replacement. We are confident that providing off grid community power to the many locations off the main power line can be economically serviced with local power supply. We can help many sizes of communities with IPP production that can be a joint venture with IESO or the LDC or other partners. The new source of clean energy at these IPP will greatly reduce carbon and help to defeat Climate Change.

Conservation and clean power go together to provide the Ontario personal and business supply of clean power for a healthier tomorrow for our kids and grandkids.



All the best,

GASpence

Garry Spence
President
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Go Clean, Go Green, Go EverGreen

E-MOCN-20-24