



Addendum to The Township of Mulmur Community Energy Plan Reports

This addendum is to respond to comments provided by the Government of Ontario, Ministry of Energy, provided by e-mail to Heather Boston at the Township of Mulmur (Township) from Josh Shook at the Ministry of Energy (MOE) on July 24, 2020 (MOE comments shown in Blue). The delay in reply was due to R.J. Burnside & Associates Limited (Burnside) staff unavailability due to COVID-19.

This addendum also reports on the results of an opinion survey issued to Mulmur residents following the posting of the June 2020 Final Community Energy Plan (CEP) reports. Contrary to our comment in Section 2.4.5 of Volume 4, Public Engagement and Consultation Report the survey was issued by the Township and results are shown below.

Acknowledgement of Funding Sources

The Township of Mulmur wishes to acknowledge that project funding support was provided by the Federation of Canadian Municipalities (funding provided by the federal government) and the Government of Ontario. Credit for funding provided by both the Federation of Canadian Municipalities and Provincial government administered by the Ministry of Energy is also stated in section 1.1 of the Executive Summary, Volume 1 and most volumes of the reports. The following should be considered as part of the final CEP plan.

A discussion of energy supply or generation constraints and/or growth pressures within the community/municipality.

Primary energy sources and consumption includes electricity, oil propane, diesel and wood. The Township of Mulmur has very limited natural gas infrastructure. Enbridge serves only two or three facilities along Highway 10 from Primrose to the Mulmur Melancthon Townline. This could impede opportunities for commercial / industrial development in the community. Opportunities for use of renewable energy generation are potentially available, but there are initial capital costs associated with their development. Renewables will present longer term benefits for both residential, commercial and industrial economic development and diversification. Incentives to offset the short-term capital costs associated with development of renewables would be helpful.

In 2016 (the most recent Statistics Canada data), 18% of the population was over 65 years old and more will now be approaching this age demographic. A similar percentage are under the age of 17. The majority of the population base in 2016 was in the 18 to 64 age range. The Township has a number of part time residential property owners and along with full time residents demand for infrastructure, municipal services and community programs is increasing. At the same time there has been declining infrastructure support from provincial and federal governments. There is both internal and external advocacy and differing interests for control and limits on land use and the environment by residents. Residential ratepayers carry a disproportionate tax burden due a large geographic area to be serviced by the municipality.

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Linkages between the Plan and regional energy planning.

The Township of Mulmur has completed its plan and established (5) five-year goals to reduce energy consumption and the associated production of greenhouse gases. These goals were established to set aspirational targets that can be measured. The Township followed the PCP protocols such that its plans could be integrated into the County's program. The Township's goals were set in part to coincide with Statistics Canada data collection and publishing of information that can help inform the Township. The Township has written to the Chief Statistician for Canada, Anil Arora to request that Statistics Canada collect additional data that would assist in future assessments to determine the success of GHG reductions in our communities.

Mulmur Township is part of the County of Dufferin. Dufferin County has retained staff to develop a climate action plan. In May 2018, the county joined the Partners for Climate Protection (PCP) Program and its partners. They state that "By working through the PCP milestone framework, Dufferin County will save money in municipal operations, lower energy costs for residents and businesses and increase investment in the local economy." Dufferin is creating a community Climate Action Plan that will include a greenhouse gas emissions inventory, reduction targets and practical actions to be taken by municipalities, organizations and the community. We understand their plan is to develop key LIC background agreements that the local municipalities can utilize to help incentivize energy conservation and renewable energy action throughout the County.

The Mulmur CEP recommended that Dufferin consider more stringent building codes, *if possible*, to require improved building energy reduction measures.

An implementation strategy that sets immediate goals (1-2 years out), short-term goals (3-7 years out), and medium- and long-term goals (8-20 years out).

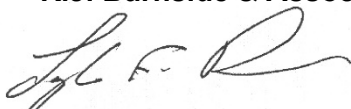
As mentioned above, the Township of Mulmur has completed its plan and established (5) five-year goals starting in 2020 to reduce energy consumption and the associated production of greenhouse gases. The GHG reduction goals are shown in Figure 5.3 of Volume 1. Therefore, the report's proposed goals cover the short and medium to long term goals from 5 to 40 years into the future. The Council resolution of November 2020 which considered the CEP Final Report recommendations and both short- and long-term goals will be published on the Township's web site.

Results of the Public Opinion Survey Issued following posting of the Final CEP reports.

The following reports the results of an opinion survey issued by Mulmur to its residents and businesses following the posting of the June 2020 Final CEP reports. The survey was completed as a replacement for the public event that was cancelled due to concerns about spreading COVID-19. The survey results should be considered part of the efforts to engage and consult.

Yours truly,

R.J. Burnside & Associates Limited



Lyle Parsons
Vice President Environment
LP:sp

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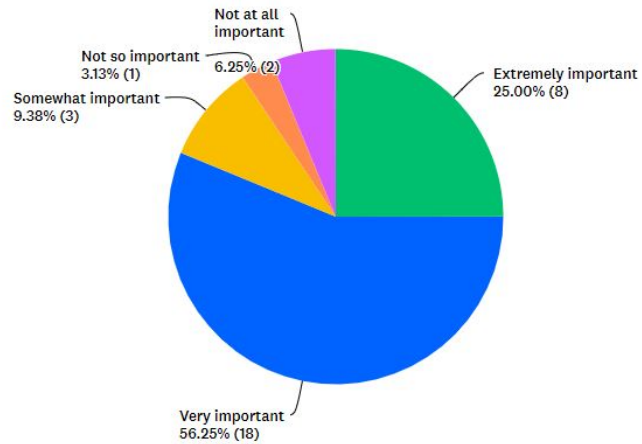
The following should be considered to be part of the Volume 4 Final CEP report titled Public Engagement and Consultation.

Results of a Public Opinion Survey following posting of the Final CEP Reports

<https://www.surveymonkey.com/stories/SM-NN2J5JGV/>

How important is reducing energy use at your residence or business in Mulmur?

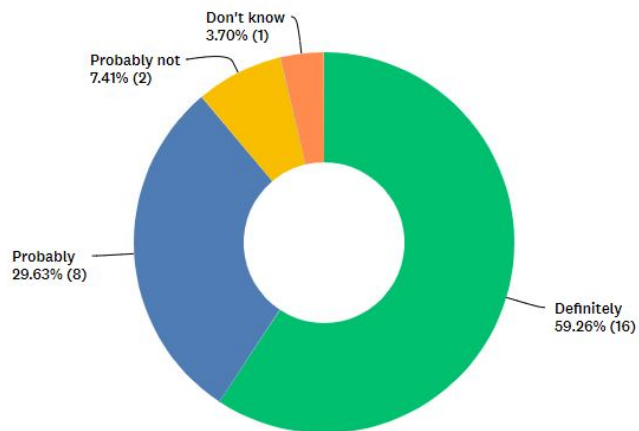
Answered: 32 Skipped: 0



Developing Mulmur's Community Energy Plan

Do you believe there could be cost savings from reducing your energy use?

Answered: 27 Skipped: 5

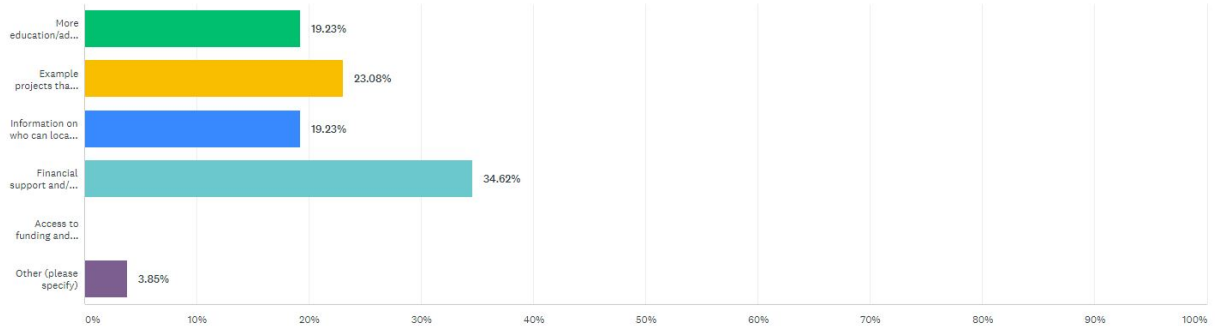


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Since it is somewhat to very important to you to conserve energy, what would of most help to you to reduce your energy use?

Answered: 26 Skipped: 6

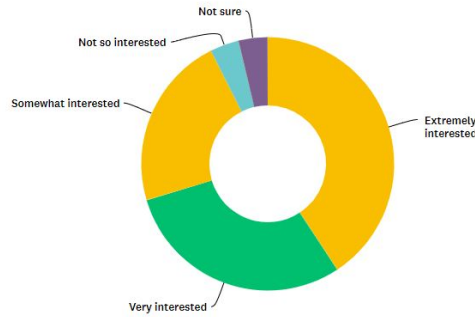


Developing Mulmur's Community Energy Plan

📄 (1)

Would you be interested in investing in energy reduction measures if you knew they would provide a return on your investments and reduce your operating cost?

Answered: 27 Skipped: 5

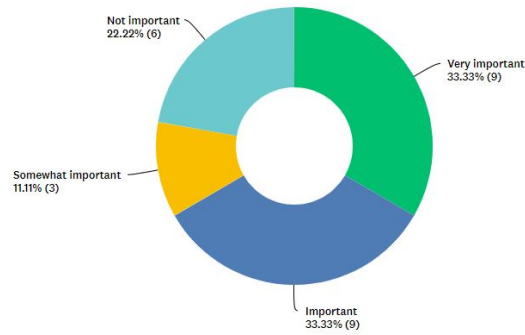


Developing Mulmur's Community Energy Plan

📄 (1)

If you could reduce your use of energy, do you think this would be important to help avoid climate change?

Answered: 27 Skipped: 5

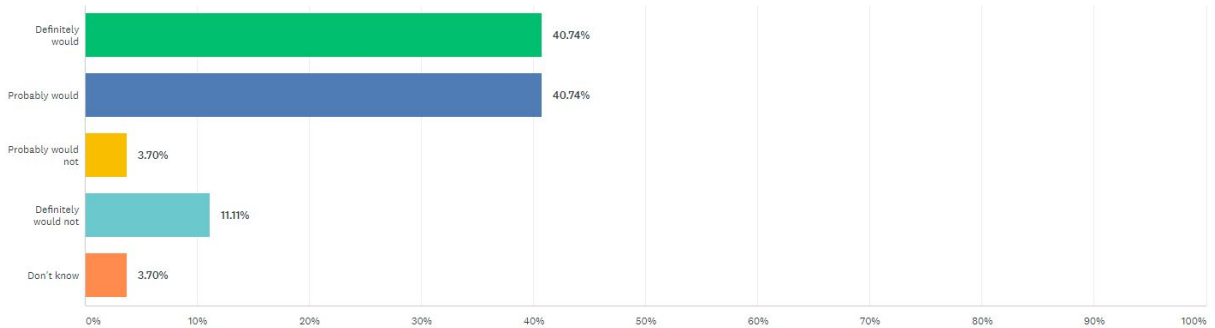


Developing Mulmur's Community Energy Plan

📄 (1)

Would you be in favour of the installation of electric vehicle charging stations in Mulmur?

Answered: 27 Skipped: 5



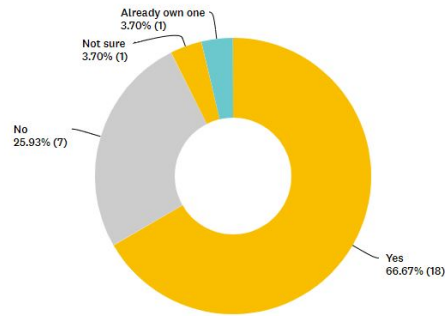
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📄 (1)

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Have you considered purchasing or leasing a hybrid or electric vehicle?

Answered: 27 Skipped: 5

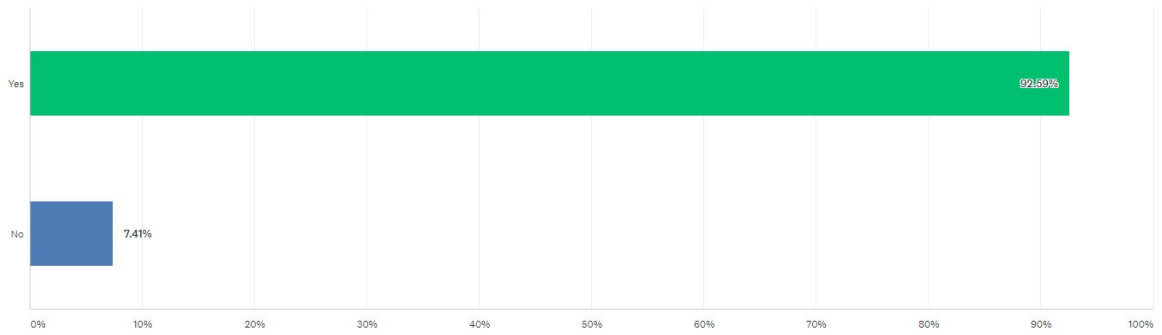


Developing Mulmur's Community Energy Plan

▽ (1)

Are you a resident or business owner in Mulmur?

Answered: 27 Skipped: 5

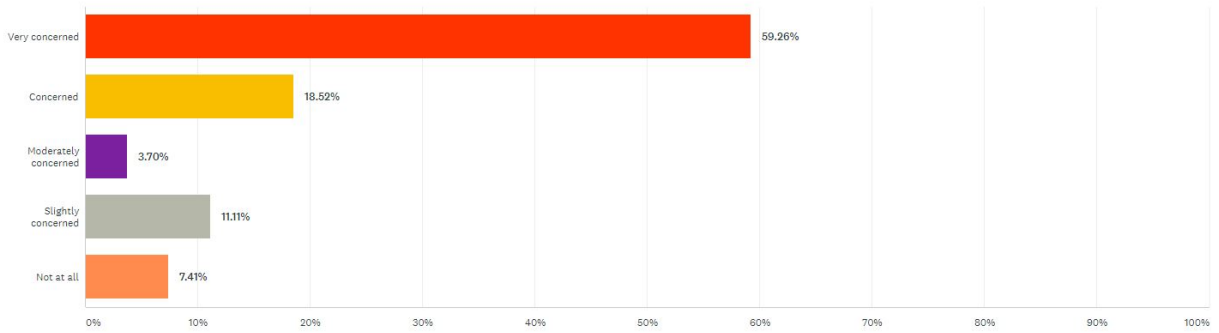


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▽ (1)

How concerned are you about the effects of climate change?

Answered: 27 Skipped: 5

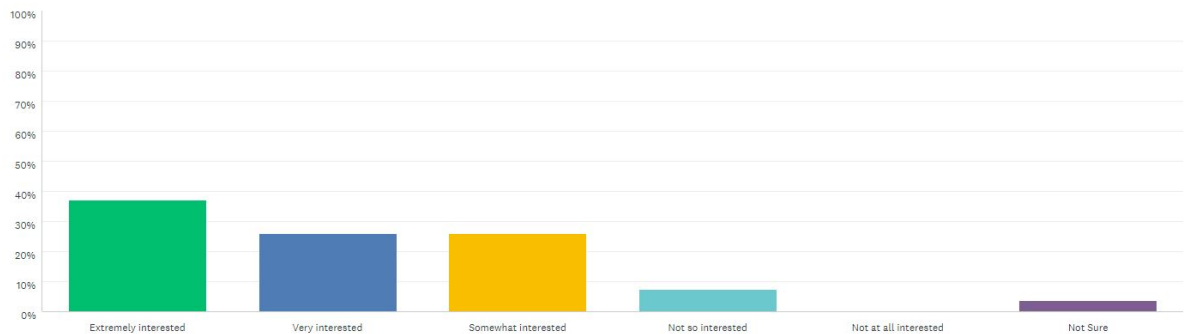


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▽ (1)

Would you be interested in investing in a renewable energy project if you knew it would provide a return on your investment and reduce your operational cost?

Answered: 27 Skipped: 5



Developing Mulmur's Community Energy Plan

▽ (1)

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Thank you for your participation in this survey. Do you have any other comments to offer Mulmur at this time concerning the energy conservation?

Answered: 10 Skipped: 22

1. "This should be a top priority for Mulmur council."
2. "No"
3. "There are grammatical mistakes in your survey. many new houses are being built. A seminar on energy efficiency would be helpful when making choices."
4. "More Snow Ploughs Required. Shorter route times mean equipment last longer"
5. "Determine ways to reduced vehicle use. dET"
6. "I have just remembered how food waste is a big part of climate change. Coukd we have composting workshops (hands on) in local communities (maybe encourage street fests in our localities to alliw workshops and bbqs / meet your neighbours)? No inconvenient times for people to participate tgen and better attendance. Thanks for this survey"
7. "Mulmur is a truly gem that will really shine if we can be ahead of the curve on this. Lots of tourist passing through via Airport Road. Would give them another reason to stop and support local business."
8. "No"
9. "Don't waste money and time in FAKE climate science. These top scientist have been changing their data to slide the opinions of the masses. Energy should be available for Mass consumption by all."
10. "I feel that climate change concerns and our collective responsibility to save the planet should be front-and-centre in this discussion, rather than "cost savings" or "energy savings". Though I understand that one motivation for involvement is saving money. The more that public institutions recognize and frame the issue as "it's time to take our responsibility for the future of the earth/humanity/all living creatures", the less the issue is a polarizing one, and the more that the real science of climate change can have an impact on individuals' behaviours... in my opinion!"