



Mississaugas of the New Credit First Nation Community Energy Survey

Mississaugas of the New Credit First Nation is conducting a survey to assist with the development of our Community Energy Plan. This Plan will identify our current energy use patterns and behaviour, and identify ways that we, as individuals and community members, may reduce energy use and save money. It will also forecast our future energy use which will help us to identify opportunities for education, conservation and generation projects that will improve our community's wellness and self-sufficiency.

This survey is to be completed by one person, per residential dwelling for properties located within the Mississaugas of the New Credit First Nation. If you have two properties, for instance a home and a cabin, please fill out one survey for each of the dwellings. If you complete more than one survey, please ensure that both properties are located on the Mississaugas of the New Credit First Nation.

Commercial and First Nation owned properties will be assessed in a different manner than this survey. If you are a private business owner with particular energy issues, please contact our Community Energy Liaison and they will get you in touch with the Energy Planning Team.

Participants will be entered in a draw to win a 16GB iPad mini 2 and \$50 iTunes card. Please ensure that your contact information is provided. This information will be confidential and used only for the purposes of the draw. Thank you for your participation.

We appreciate your time and look forward to presenting the results to the community.

Please contact our Community Energy Surveyor, Jazmin Sault, if you have any questions or would like more information:

jazmin.sault@newcreditfirstnation.com



**Mississaugas of the New Credit First Nation
Community Energy Survey**

* 1. I am completing this survey for my residence located on the Mississaugas of the New Credit First Nation.

- Yes
- No (Please explain)

2. What does "energy" mean to you?

* 3. Do you use electricity in your home?

- Yes
- No (Please explain)

* 4. When it comes to your household electricity, please identify whether, in your opinion, the following statements are true, false or do not apply (N/A) to you.

	True	False	N/A
I have a concern with the price of my electricity.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I understand how to read my Hydro One bill.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I know what time of use (TOU) pricing for electricity is.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My Hydro One bill is higher in the summer than in the winter.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have a concern with frequent electricity outages.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I know how electricity is generated, transmitted and distributed to my home.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am aware of cost management programs for electricity such as the Ontario Electricity Support Program (OESP) and the Low Income Energy Assistance Program (LEAP).	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

* 5. Please identify the primary type of energy you use for the following household services.

	Electricity	Propane	Heating Oil	Wood or Wood Pellets	Natural Gas	Other	N/A
Household Heating	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Water Heater	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Barbeque	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Kitchen Appliances	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Comments:

* 6. Please identify any secondary or back-up heating used in your home. Choose all that apply.

- Electricity
- Propane
- Heating Oil
- Wood or Wood Pellets
- Natural Gas
- Other
- N/A

Comments:

7. If you use wood, how many face cords (8' x 4' x 16") do you use per year in your home and how much do they cost? Skip or enter 0 if you do not use wood as a heat source.

Face Cords

Cost

8. Please identify your energy supplier for the following energy types. Examples of energy suppliers would be Hydro One, Six Nations Natural Gas, etc. Skip or enter N/A if the question doesn't apply to you.

Electricity:

Propane:

Heating Oil

Natural Gas

Wood:

Other:

* 9. Do you use a washer and/or dryer in your home?

- Yes, both
- Washer only
- Dryer only
- No

* 10. Do you use air conditioning in your home?

- No, I don't have an air conditioner
- I have an air conditioning system installed, but I use it moderately
- Yes, I use air conditioning frequently in the summer months

* 11. Do you use a fuel powered back-up generator?

- Yes
- No

If yes, please provide the type of fuel that the generator uses.

* 12. Do you have a geothermal heat pump system in your home?

- Yes
- No
- I Don't Know

* 13. Do you have an instantaneous/on-demand hot water heater in your home?

- Yes
- No
- I Don't Know

If yes, was this installed as a retrofit or on a new build?

14. Do you use any of the following small renewable energy sources? Select all that apply.

- Solar powered lighting
- Solar powered battery charger
- Small solar panel system (less than 1 kW)
- Other (please provide details)

* 15. Do you currently generate more than 1 kW of electricity from renewable sources (micro-FIT, net-metering, etc)?

- Yes
- No

If yes, please provide details.

* 16. Do you use any other forms of energy in your home?

- Yes
- No

If yes, what kind?

* 17. Do you feel it is important for our Nation to invest time and money in energy conservation measures within our community?

Yes

No

Comments:

* 18. In regards to energy conservation, please identify whether the following statements are true, false, do not apply (N/A) to you, or if you don't know.

	True	False	I Don't Know	N/A
I consume electricity based on Time-of-Use cost savings I may achieve.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I purchase energy efficient appliances and electronics when possible.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I make an effort to turn off lighting and electronics in my home when they're not in use.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I make an effort to reduce phantom loads in my home.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I use a programmable thermostat to conserve heat within my home.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I prepare my home for cold winter weather.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have changed my energy use habits in the past few years to better conserve energy.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I am interested in learning more about energy conservation for my home.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

* 19. For each of the following topics, please indicate your level of understanding. Also indicate if you would like to know more about the topic.

	I have a thorough understanding of the topic	I have a moderate understanding of the topic	My understanding of the topic is low	I would like to learn more about the topic
Renewable Technology Types (i.e. solar, wind, hydroelectric, biomass, etc)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Renewable Connection Systems - different ways to distribute renewable energy once it is generated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mississauga's of the New Credit First Nation's Involvement with Renewable Energy generation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

* 20. Do you feel that our Nation should participate (not necessarily financially) in renewable energy projects?

- Yes
- No
- I Don't Know

Comments:

21. If you answered yes to Q20, why do you think our Nation should pursue renewable energy projects?

- Economic Development and Revenue Generation
- For Use in Our Community
- Both of the above
- I don't know enough to make an informed decision
- I do not think the community should be involved in renewable energy projects

Comments:

22. If you answered yes to Q20, do you feel our Nation should invest money into renewable energy projects?

- Yes
- No, we should be involved but with limited investment of money
- I do not think the community should be involved in renewable energy projects
- I don't know enough to make an informed decision

Comments:

23. If you answered yes to Q20, please specify if you feel small or large scale renewable energy projects should be developed in each of the areas provided below? Choose all that apply.

	Small Scale (i.e. micro-FIT, less than 10 kW)	Large Scale (i.e. large solar and wind projects, etc)	No renewable energy projects	I don't know enough to make an informed decision
Projects developed by community members/residences	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nation-owned projects inside of our community	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nation-owned projects outside of our community	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

24. If you answered yes to Q20, please identify if you would support, be opposed to or indifferent towards Nation involvement in the following renewable energy technologies:

	Support	Oppose	Indifferent	I don't Know Enough to Make an Informed Decision
Solar Photovoltaic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Solar Thermal	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wind	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hydroelectric	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Geothermal	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bio-Energy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Landfill Gas	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Energy-From-Waste Technologies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Energy Storage Technologies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please provide comments or explanations as necessary

* 25. Do you think our Nation should work towards being 'energy independent' in the future (we generate, distribute and manage all of our energy for our community)? (Choose the response that best reflects your opinion)

- No. The current energy systems in our community are satisfactory.
- Yes, we should do this now.
- Yes, but we should work towards this in the distant future.
- Other (please specify)

* 26. Overall, what would you like to see as the outcome of our Community Energy Plan? Please provide comments, including any concerns you feel should be addressed.

- Help our members save money
- Reduce our energy use as a community
- Reduce the environmental impact of energy use
- Support the development of renewable energy generation projects
- Other

Comments:



**Mississaugas of the New Credit First Nation
Community Energy Survey**

Thank-you for participating in our Community Energy Survey.

Please ensure that you have provided your contact information to our Community Energy Liaison for inclusion in the draw.

DRAFT