



Ontario First Nations Technical Services Corporation



OFNTSC
Communications



OFNTSC
Fire, Safety & Firefighting



OFNTSC
CRTP: Water



OFNTSC
CRTP: Water



OFNTSC
Environment



OFNTSC
Emergency Planning



OFNTSC
Operations & Maintenance



OFNTSC
Engineering



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Housing



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Infrastructure



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CRTP: Fuel Systems Management

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OFNTSC Climate Change Program

Presented by: Bill Maloney, Climate Change Specialist, OFNTSC



Organization	Deliverable
Ontario Climate Change Impacts and Adaptation Resources (OCCIAR)	8-10 community climate change adaptation plans
Laurentian University (through OCCIAR)	Northern climate change impact study
Ontario First Nations Technical Services Corporation	<ul style="list-style-type: none">- 8-10 energy plans that demonstrate greenhouse gas reductions- 8-10 renewable energy feasibility studies- Share information on cap and trade, carbon offsets with First Nation organizations and communities

Deadline for deliverables: March 31, 2018



Northern Climate Change Impact Study

Groups involved (info from Laurentian)

Matawa Tribal Council/member communities

Keewaytinook Okimakanak Tribal Council/member communities

Nokiiwin Tribal Council/member communities

Mushkegowuk Tribal Council/member communities

Nishnawbe Aski Nation (16 of their member communities – through different funding source)

\$15,000 provided per TC - \$8,000 per community

Climate Change Adaptation Planning – OCCIAR

Communities Participating
Six Nations of the Grand River
Georgina Island First Nation
Chippewas of Rama First Nation
Alderville First Nation
Beausoleil First Nation
Wahnapiatae First Nation
Curve Lake First Nation
Mohawk Nation of Akwesasne (<i>OFNTSC facilitated – Elmer Lickers, Senior O & M Technologist</i>)

\$43,520 to each participating community to hire liaison – 1 year



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Energy planning and Implementation - OFNTSC

Participating communities

Algonquins of Pikwàkanagàn First Nation

Curve Lake

Fort Severn First Nation

Mohawks of the Bay of Quinte

Naotkamegwanning

Red Rock Indian Band

Six Nations of the Grand River Territory

Temagami First Nation

Wahgoshig First Nation

Wikwemikong



\$15,000 per community – 6 months pilot project

OFNTSC Energy Planning Liaisons in Akwesasne for
the Energy Planning Workshop, Sept 25, 2017



SAVE THE DATE!

Exploring Energy Planning and Implementation

Interactive workshops on everything you always wanted to know about energy planning and implementation in your community.

Workshop 1	Workshop 2
Introduction to energy planning September 25-28, 2017 (including travel time) Venue: Mohawk Council of Akwesasne	From energy planning to implementation November 14-17, 2017 (including travel time) Venue: Thunder Bay
<ul style="list-style-type: none">Greenhouse gas emissions and energy systemsFundamentals of community energy useEnergy solutions: conservation, efficiency, and renewablesAssessing local capacities and resources for energy planningEnergy policies and programsElements of a strong energy implementation plan	<ul style="list-style-type: none">Energy retrofits at the household and community levelEnergy conservation projectsCalculating costs and benefits of actionsIdentifying and applying for funding opportunitiesRenewable energy approval processCareers in the energy sectorEnergy Certifications, Diplomas and Degrees
<i>The workshop will include site visits to renewable energy facilities and community demonstrative projects. Case studies from Indigenous communities will be integrated throughout the workshop.</i>	<i>Elders and community practitioners will share their insights and experiences. Workshop participants will be asked to bring examples or plans from their communities for discussion.</i>

Contact

Roopa Rakshit
Energy Planning Specialist
Ontario First Nations Technical Services Corporation (OFNTSC)
Ph: 807 623 9595 ext. 114
Cell: 807 632 1852
Email: rrakshit@ofntsc.org
www.ofntsc.org

- 2 capacity building training
- Energy communication and mapping tools
- Community visits and energy 'open houses'
- Goal: Build local capacity and complete 10 energy actions plans/implementation
- Roopa Rakshit, Energy Planning Specialist

Renewable energy feasibility - OFNTSC

Participating communities

Temagami First Nation

Red Rock Indian Band

Nautkamegwanning First Nation

Weenusk First Nation

Lac Seul First Nation

Eagle Lake First Nation

Fort Severn First Nation

Wahgoshig First Nation

Shawanaga First Nation



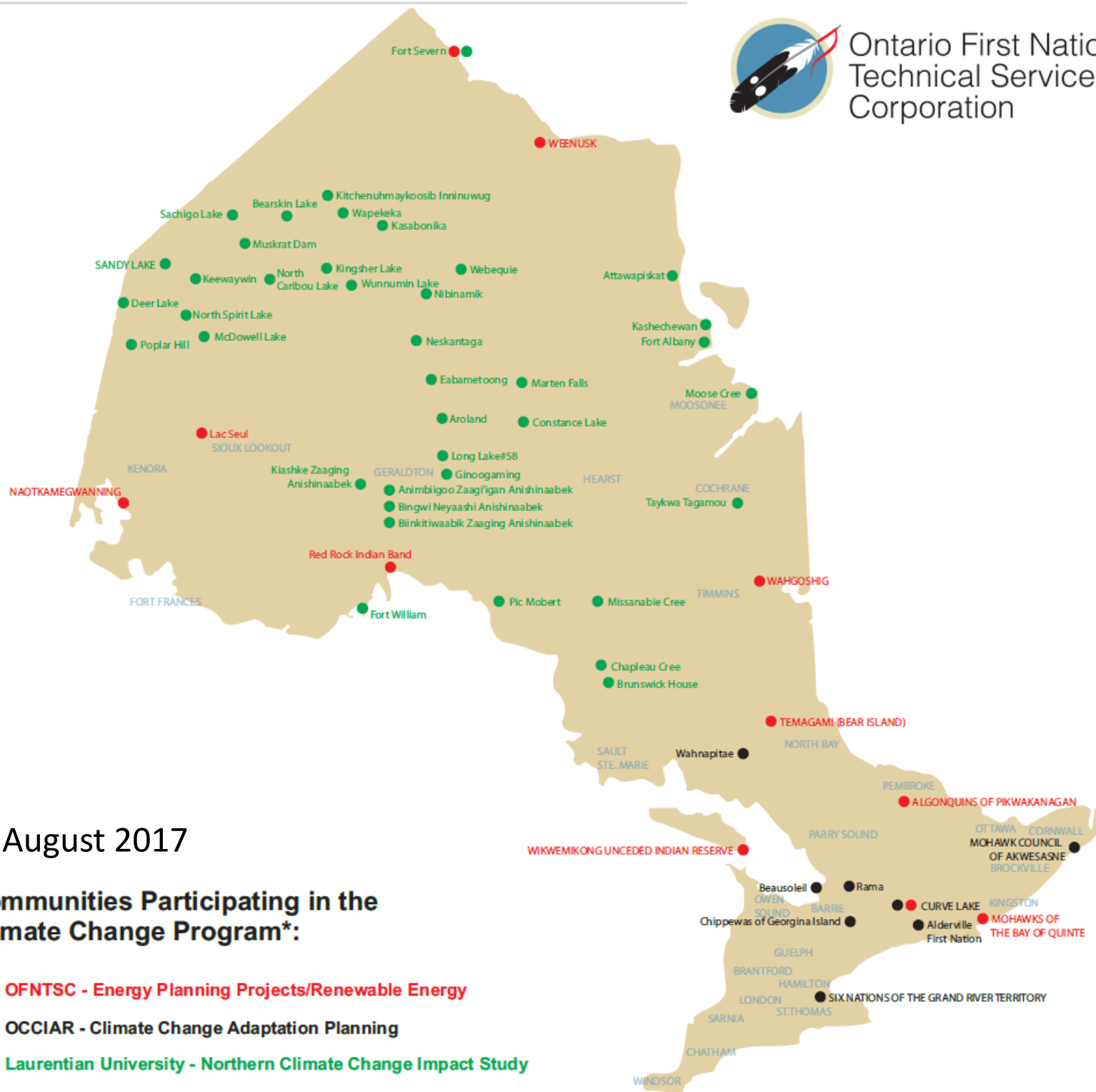
Solar PV shading calculation demo at TechNations, August 2017 (Mariano Arriaga, Renewable Energy Specialist, OFNTSC)



Forum	Date
OFNTSC All Tribal Council meeting	September 14, 2016
Northern Ontario First Nation Environmental conference	October 4, 2016
Staff from: KO, Shibogama, Windigo and Mushkegowuk, Treaty 3	October 2016
OFNTSC Water Summit (TC reps/communities)	October 17, 2016
Nishnawbe Aski Nation Chiefs meeting	February 1, 2017
Political Confederacy	February 10, 2017
Red Rock Indian Band, Attawapiskat, Fort Albany, Pikangikum	Throughout 2017
Climate change information group	July 2017
OFNTSC TechNations	August 2017



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OFNTSC Climate Change Program

Mathew Hoppe, Engineering Manager,
- Program oversight

Bill Maloney, Climate Change Specialist,
bmaloney@ofntsc.org
- Program lead, Carbon offset feasibility,
cap and trade information

Roopa Rakshit, Energy Planning
Specialist, rrakshit@ofntsc.org
- Coordinating energy planning project

Mariano Arriaga, Renewable Energy
Specialist, marriaga@ofntsc.org
- Renewable energy feasibility studies



From left to right: Bill Maloney, Mariano Arriaga,
Roopa Rakshit. TechNations, August 2017