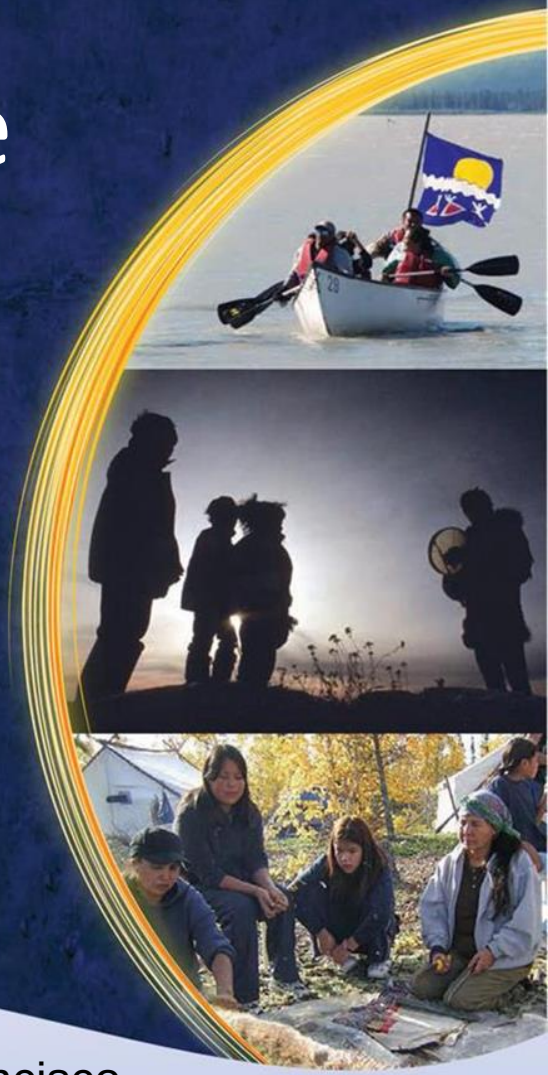
Renewables in Remote Microgrids

Local innovation by capturing socio-economic benefits for community energy projects



Tłı̨chǫ Ndek'àowo

Tłı̨chǫ Government

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Tlicho Government
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Tłı̨chǫ Government

Tlicho Government

The Tlicho Government was officially proclaimed August 2005.

The Tlicho Government has ten *Guiding Principles.*

1. Our relationship with the Creator and respect for the interconnectedness of all living things.
2. Custodian of our lands, water and resources.
3. Protection of our language, culture and way of life.
4. Strive for representation and work towards consensus.
5. Act with respect and fairness without discrimination or abuse.
6. Cooperation and working together.
7. Healing and harmony.
8. Full free expression and participation of Tlicho citizens.
9. Respect the needs and interests of other peoples.
10. Self-sufficiency.

The Community Training & Development/Community Services Department purpose is to provide individuals and communities with tools for self-sufficiency.

For more information regarding the Tlicho Government, please visit www.Tlicho.ca

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Background Community Energy Projects

- Tlicho Investment Corporations' district heating projects & solar
- Tlicho Government's involvement with training installing wood stove systems

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Project Purpose

The purpose of these projects is two-fold;
1. To build capacity for Tlicho citizens with WETT Certification on installing code-compliant wood appliance systems

2. To build Tlicho communities' capacity in having *local* certified individuals in maintaining and installing code-compliant wood appliance systems.

Project Development

1. Partnerships including Financial Resourcing
2. Consultation
3. Training

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Tlicho Government's Projects' Summary

- 4 Wood Stove Projects – 2 in Behchoko, Whati & Wekweeti
- 10 Tlicho citizens have been trained in various aspects of the National WETT Training programming
- 42 wood appliance systems have been installed within the Tlicho Region
- 37 of these systems and installations were provided to the homeowners free of charge

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Projects' Importance

- Reduction of heating fuel costs
- Better for the environment – greenhouse emissions and fuel trucks travelling the winter road
- Community Members personal investment into their own wood appliance system
- Community Members working in partnership with each other on maintaining and Installing wood appliances
- Using readily available burnt fire wood which has become readily available due to the last two severe forest fire seasons

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Best Practices

1. WETT Certified Personnel actively involved
2. Community Homeowners investing in the purchase of these appliances as well as in the proper use, maintenance of the appliances and best type of wood to burn
3. Community Governments involvement as well as other interested stakeholders
4. Recruit of individuals in learning this "trade" for individual and community economic benefits

Lesson Learned

1. Tradespersons need to be recruited within this industry and within northern communities to ensure code-compliant installations and maintenance of wood burning appliances for cost effectiveness and for the safety of individuals' life and property.
2. Liability issues should be addressed prior to the start of any project

Masìcho

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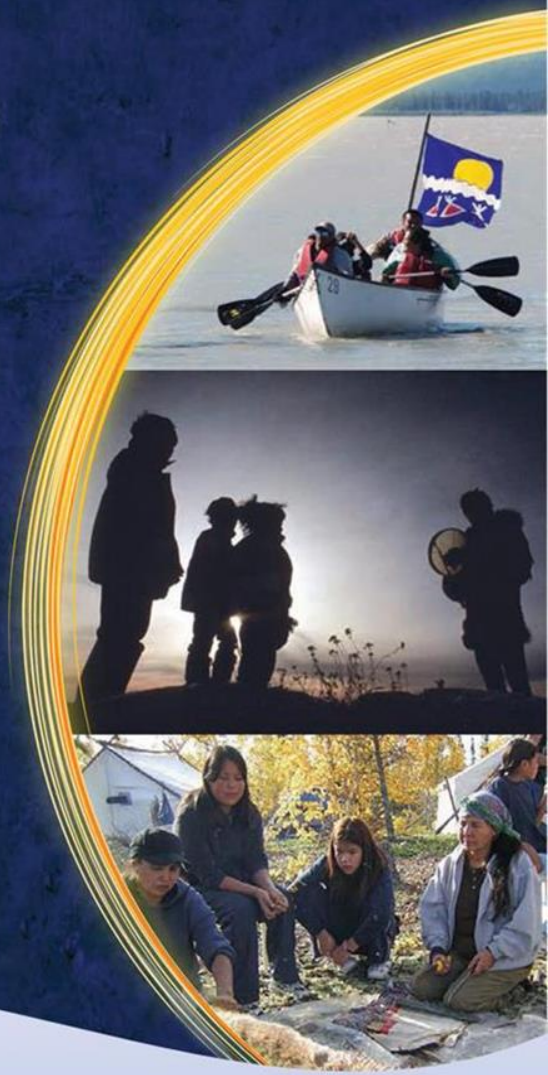

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