



TSAY KEH DENE'S ENERGY MANAGEMENT PLAN

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Presentation Outline



1. About Tsay Keh Dene | About Community Power

2. Tsay Keh Dene Challenges

3. Energy Management Plan

4. Implementation & Implementation tools



Tsay Keh Dene First Nation





We work alongside First Nation communities to co-develop & implement custom energy & housing management solutions



Challenges



Energy Management Plan

Tsay Keh Dene 5 Year Energy Management Plan

- Energy Vision and Goals - supply and demand side
- Housing & Energy Profiles
- Energy Saving Opportunities
- Community Engagement, Jobs & Training
- Prioritized Implementation Plan



Energy Initiatives



Energy Efficiency

- Improve community lighting
- Upgrade 20 older homes annually to reduce energy consumption by 20-30%
- Implement the new construction energy performance guide for new home construction

Renewables

- Consider developing a pilot solar PV project
- Revisit Community Biomass system

Further Opportunities

- Expand the wood program to reduce reliance on electric heat
- Work with INAC to develop a solid waste management plan, including recycling

Implementation Infrastructure





Assets &
Infrastructure



Energy
Management



Files & Storage



Financial
Administration



Animal Registry



People &
Organizations



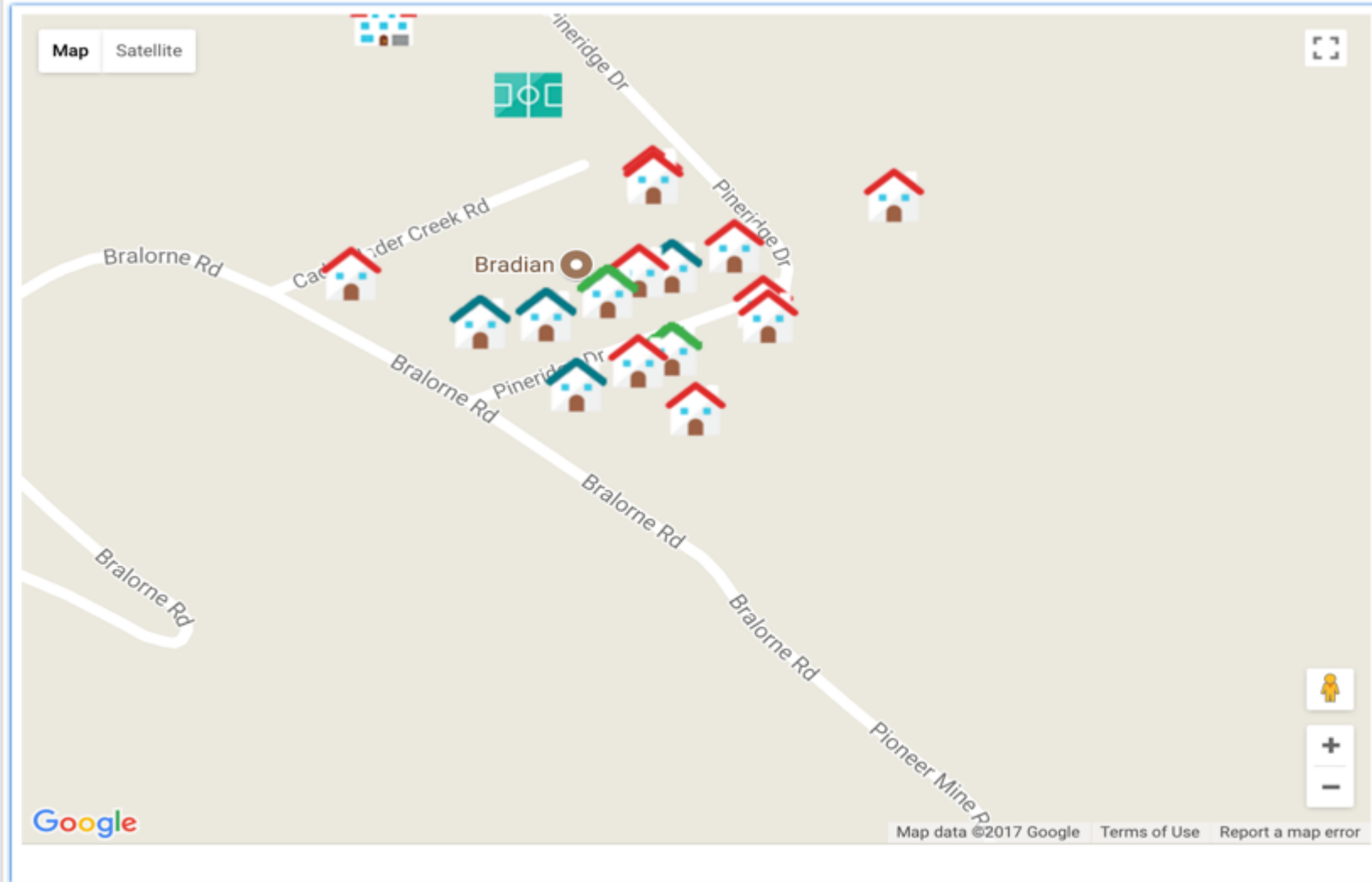
Project
Management



my Community



Settings





Key Capabilities

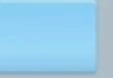
- Property, occupancy, & contractor database
- Work order & service request tracking
- Automated scheduler & project/task calendar
- Materials inventory/catalog
- Complaint & resolution registry
- Housing policy related processes
- Pet Registry
- Geocoded MapView with easy data visualization

Benefits

- Reduced administrative burden
- Reduced time used to pull together scattered pieces of information
- Ability to merge data from multiple sources (e.g. energy consumption via metering)
- Ability to store & manage many types of information
- System compatibility with Doc, PDF, Spreadsheet, Multiple media
- Systemizes ad-hoc processes

Users

- Chief & Council
- Housing Managers
- Lands Officers
- Maintenance Team
- Community Administrators



A photograph of two women, one younger and one older, smiling and embracing each other. The younger woman on the left has long dark hair and is wearing a light blue jacket. The older woman on the right has grey hair and is wearing a maroon jacket. They are both smiling warmly at the camera. The background is slightly blurred, showing what appears to be an indoor setting with some posters or notices on a wall.

Implementation Experience

THANK YOU

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