

Jean Marie River ... Climate ACTIONs
 your community your energy your plan

Dehcho CASE STUDY - Jean Marie River

- ☐ AEA Community Energy Profiles (2007-08)

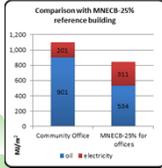


- ☐ Jean Marie River Community Energy Plan (~2010)

Climate ACTION

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- ☐ ENERGY AUDITS
 - ✓ Yardstick (2012, Electricity & Fuel Bills)
 - ✓ Targeted Energy Audits (2015)



Climate ACTION

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- ☐ Energy Conservation & Efficiency UPGRADES (2015, 2016)
 - ✓ Programmable Thermostats
 - ✓ LED Lighting (outside & inside lighting)
 - ✓ Home Winterization "hands-on" workshop



Climate ACTION

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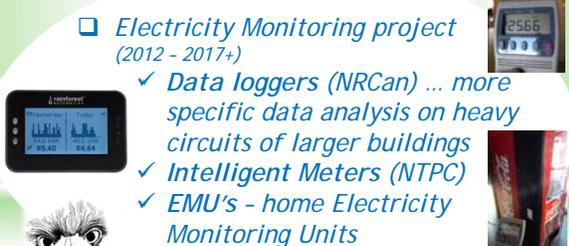
- ☐ Solar PV Installations:
 - ✓ Band Office (installed 2005) &
 - ✓ Water Treatment Plant (2016)



Climate ACTION

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- ☐ Electricity Monitoring project (2012 - 2017+)
 - ✓ Data loggers (NRCan) ... more specific data analysis on heavy circuits of larger buildings
 - ✓ Intelligent Meters (NTPC)
 - ✓ EMU's - home Electricity Monitoring Units



Climate ACTION

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- ☐ NEXT STEPS:
 - ✓ REVIEW Targets
 - ✓ EVALUATE
 - ✓ Update CEP
 - ✓ MONITOR



Climate ACTION

MONITOR - EVALUATE - REPORT

- To determine whether reduction measures are producing expected results & if targets will be met;
- Opportunity to identify next steps (possibly revisiting targets & implementation strategies).

Important to develop a monitoring system.

www.toolkit.bc.ca/Community-Wide-Climate-Action-Planning

AEA Climate ACTION projects (2015-17)
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- ✓ High Efficiency LED lighting retrofits
 - TK(JMR)FN & TK(JMR)FN Dev. Corp.
 - Liard Valley General Store & Motel
- ✓ Residential LED COMMUNITY light bulb exchange
 - What timing would work for your community?

Community Climate ACTION around the Dehcho (2015-17...)

AEA Climate ACTION projects (2015-17)
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- ✓ Solar PV installations (2016)
 - Village of Ft. Simpson - Recreation Centre
 - TK(JMR)FN - Water Treatment Plant

Community Climate ACTION around the Dehcho (2015-17...)

AEA Community Partnerships
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AEA's Successful Community Partnership Approach:

- IDENTIFY Community Energy ACTION priorities
- ENGAGE communities - Expressions of Interest
- REQUEST INPUT from Contractors - RFP's & RFQ's
- COORDINATE activities through Partnership Agreements with Communities & Contracts btwn. Communities & Contractors

Community Climate ACTION around the Dehcho (2015-17...)

ARCTIC ENERGY ALLIANCE

Village of Fort Simpson 40 kW Solar PV Installation

Recreation Centre
 Installed by: *Aspenberry Interiors*

Installation: 30 May - 07 June 2016
 Commissioned: 15 June 2016



ARCTIC ENERGY ALLIANCE

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"Looking forward to working with you to create your Community Energy projects & seeing the SUCCESS you achieve through them!"

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