

Making energy easy and renewable

Jay Massie

Manager, ATCO Electric Yukon

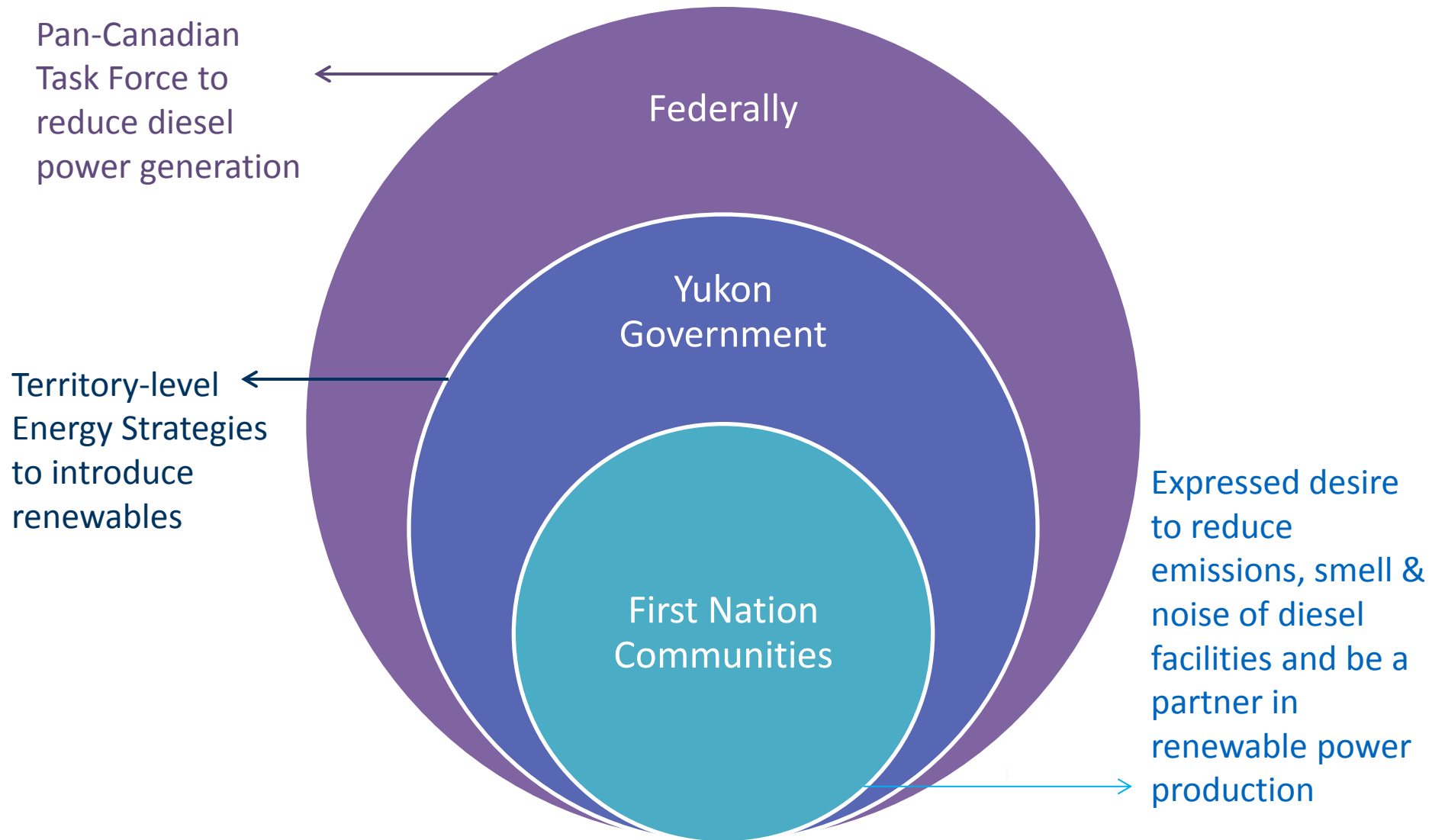
Next Generation Hydro Workshop

November 26 & 27, 2015: Whitehorse

ATCO Electric
YUKON

Lighting up the North since 1901

Renewable solutions are being sought



Projects

Service areas and facilities

- ◆ Communities served by ATCO Electric Yukon
- ATCO Electric Yukon hydro generating station
- Nasittuq Radar Sites
- 🐦 Communities served by Yukon Energy
- Yukon Energy hydro generating stations
- 138 kV transmission lines
- other transmission lines



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Continued investment in hydro technology

1901



Building materials for
YECL's first steam plant

1950s



Original Pelton Wheel and
Generator at Fish Lake
Hydro Generation Facility

2015



Today's Generator at
Fish Lake Hydro Generation
Facility; newer technology
allows for greater output of
hydro power

Utility Partnership

incharge

Get ready for
WINTER
with rebates
from inCharge

The inCharge rebates on LED lights and block heater timers are back!

Save \$10

on Mechanical Block Heater Timers

No matter how cold it is, your engine will be ready to run after plugging in a block heater for just four hours. A timer is a great idea and can reduce your monthly electricity bill by \$30 or more a month.



Save \$7

on packages of ENERGY STAR® qualified LEDs

LED bulbs can use 80 per cent less electricity than regular light bulbs and save up to \$170 each over their 25-year lifespan. And they love the cold, so they can be used both inside and out. Check product details for outdoor use.

Details and rebate forms at participating stores and online at www.inchargeyukon.ca

Future Opportunities

Beaufort Sea

Prime Diesel

Standby Diesel

- Old Crow (1170 kW)
- Beaver Creek (1050 kW)
- D.Bay/Burwash (1212 kW)
- Swift River (178 kW)
- Watson Lake (5500 kW)

- Stewart Crossing (150 kW)
- Pelly Crossing (1175 kW)
- Carmacks (1600 kW)
- Ross River (1000 kW)
- Haines Junction (1750 kW)
- Teslin (1500 kW)



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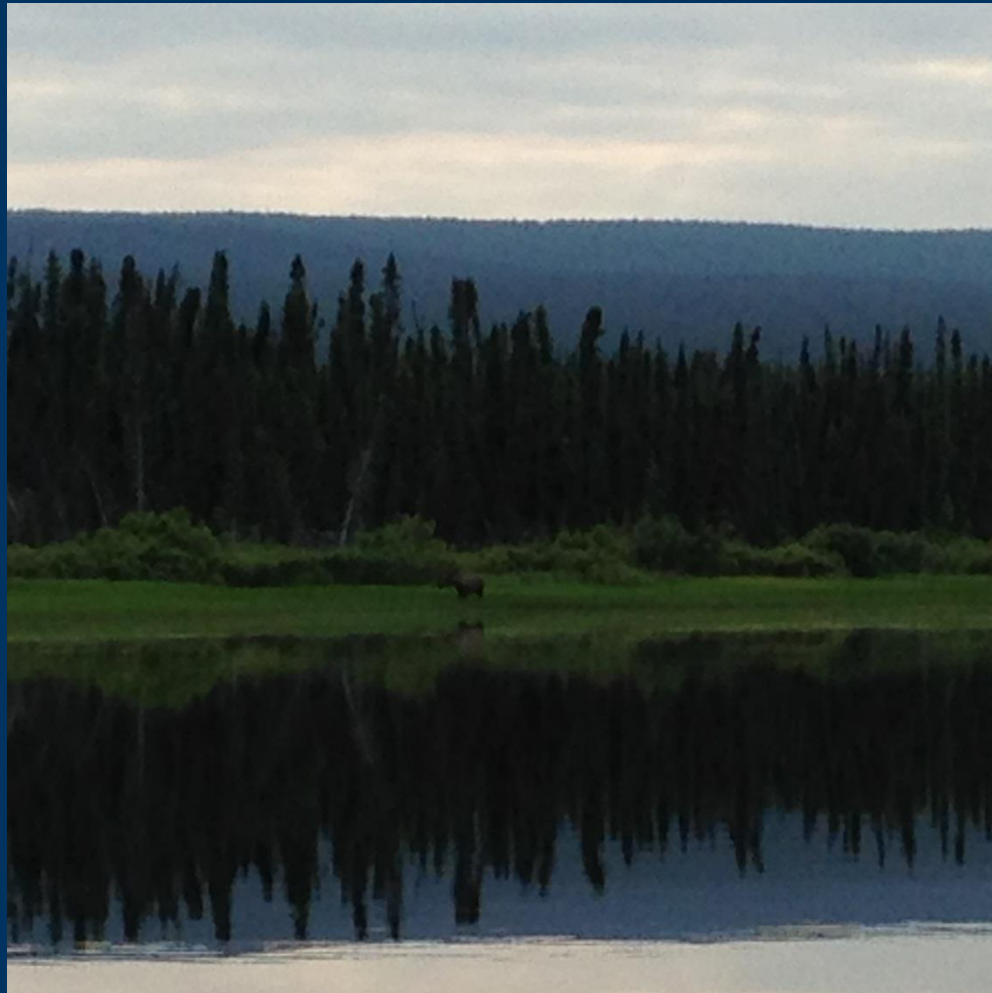
*installed capacity, Nov. 1, 2015

With a world of experience and roots firmly planted in the North, ATCO is...

- Power Generation
- Electricity Transmission and Distribution
- Natural Gas Transmission and Distribution
- Natural Gas Gathering, Processing, Storage & Liquid Extraction
- Workforce Housing Solutions
- Logistics
- Emissions Management
- Technologies
- Renewables



The Future is Bright



- Continue to invest in technologies that displace diesel power generation
- Continue to build partnerships and explore joint ventures opportunities with all levels of Government and First Nations built on trust, transparency and mutual benefit