

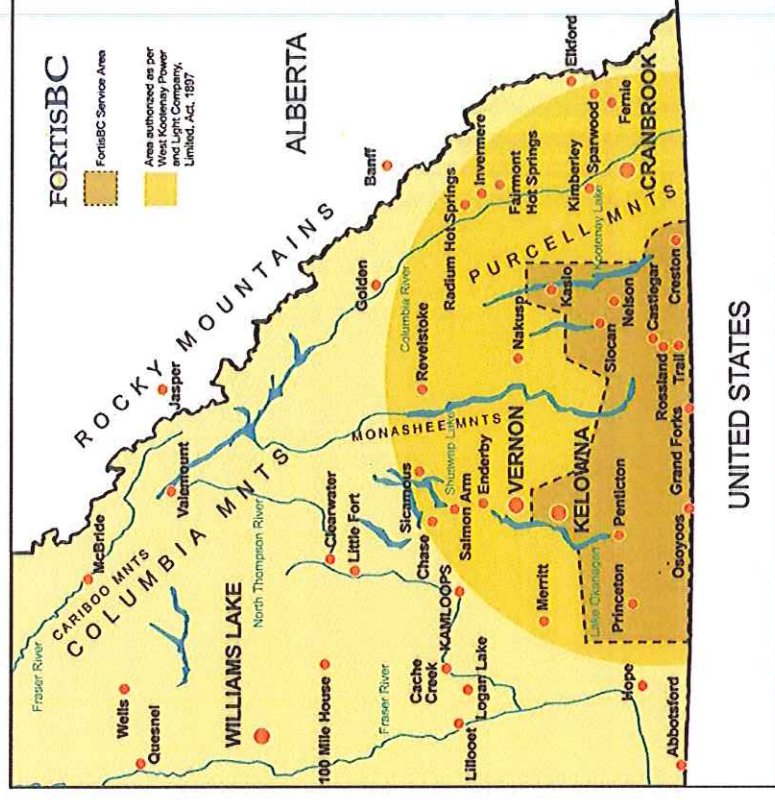
Advanced Metering Infrastructure (AMI)

Mark Warren
October, 2011

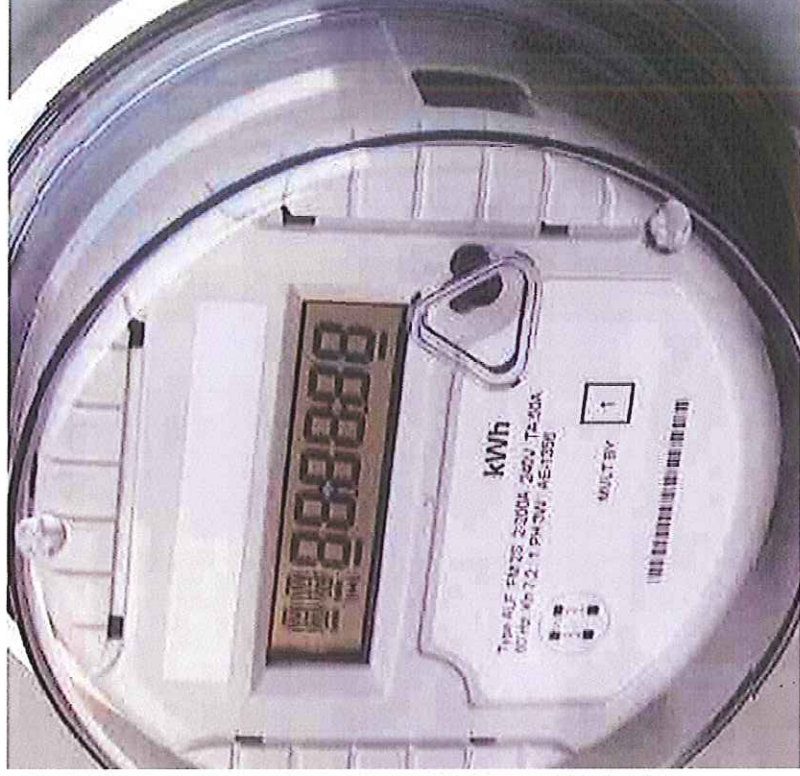
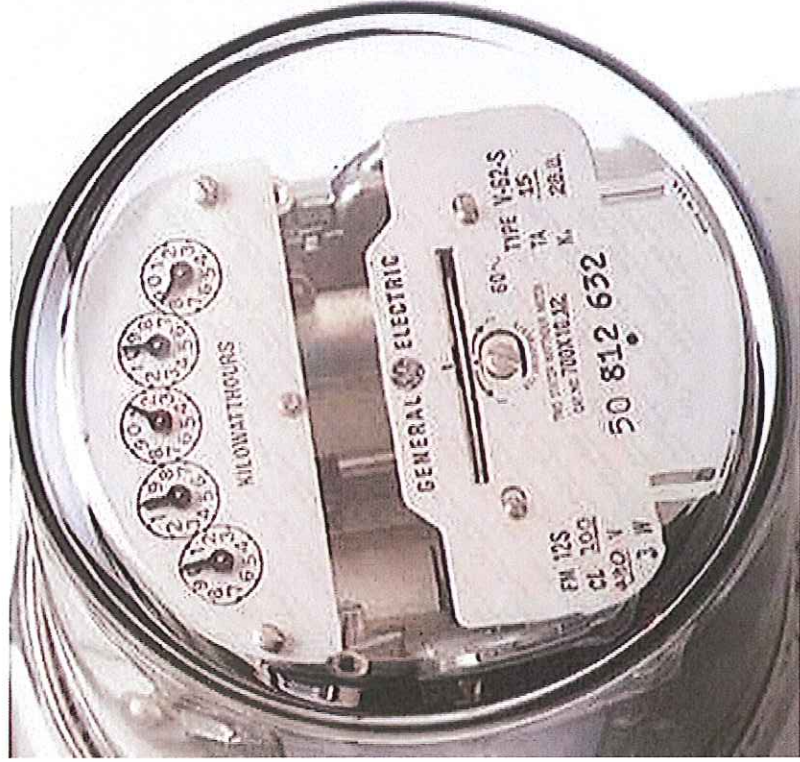


FortisBC - Providing Electricity to the Southern Interior For Over 100 Years

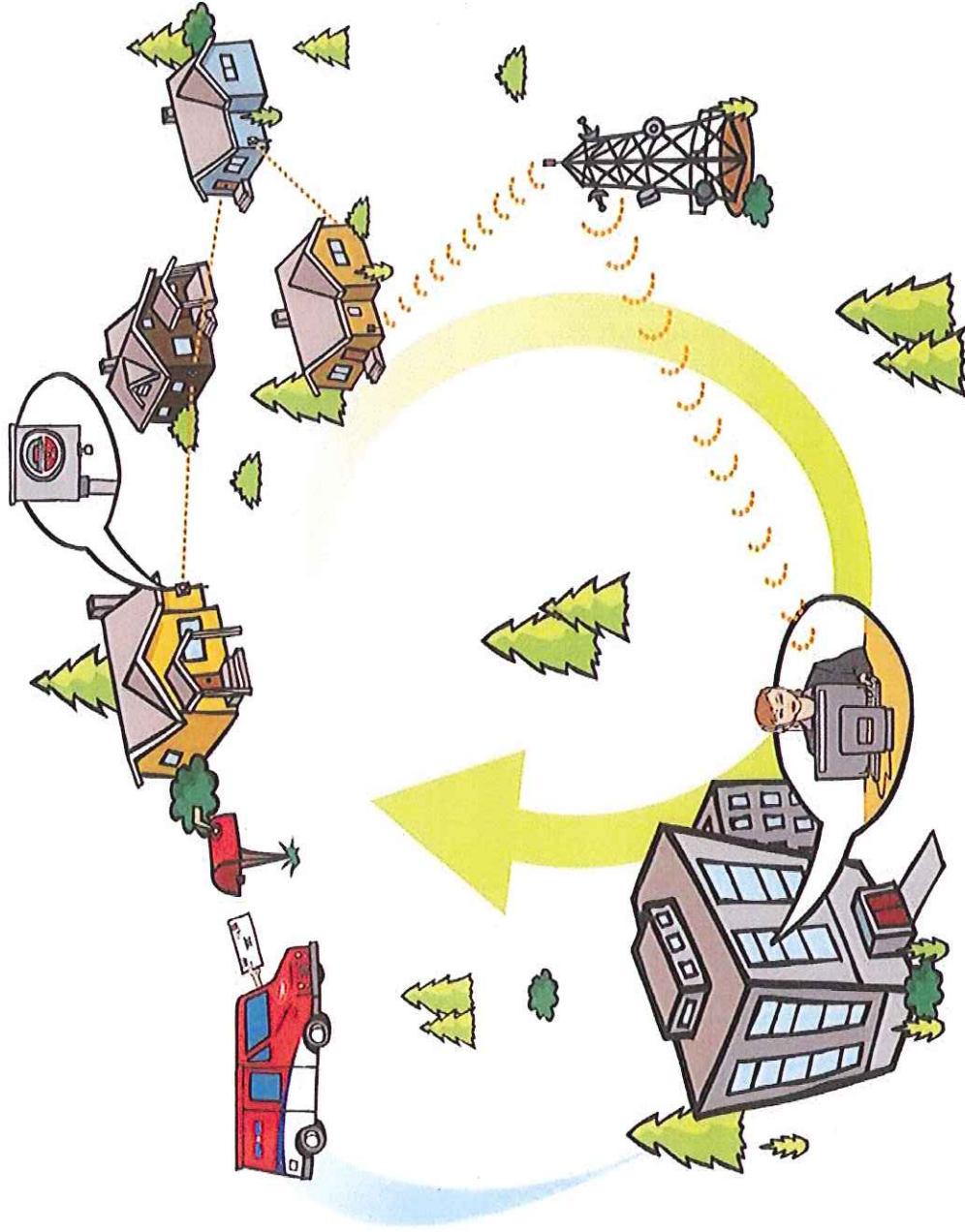
- A regulated utility based in Kelowna, BC, established in 1897
- Serves approximately 161,000 electricity customers
- Owns and operates four generating plants
- Employs over 500 people
- Wholly owned subsidiary of Fortis Inc.



Electro-Mechanical Meters vs. Advanced Meters



How AMI works



Benefits

1. Efficiency

The electricity grid in British Columbia needs modern equipment to become more efficient

2. Empowerment

Information that only the AMI system can provide; gives customers greater ability to monitor and adjust their electricity usage, and customers can continue to read meters manually if they wish.

3. Green

We don't have to go to your place to obtain your meter reading.... It comes to us. Burns no gas, creates no GHGs



FORTIS BC

4. Privacy & Security

No meter reading crews needed to visit your property on a regular basis but may still need to access property for maintenance and to meet compliance and regulations

5. Safety

Fewer vehicles on the road = safer for employees and public

6. Theft Detection

Improved theft detection = less losses = more savings = positive impact on your rates

\$3.9 million lost annually – expect to recover \$2.5 million

7. Customer Service

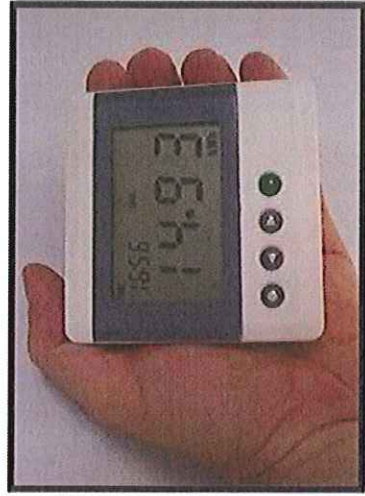
No more traditional estimates and adjustments



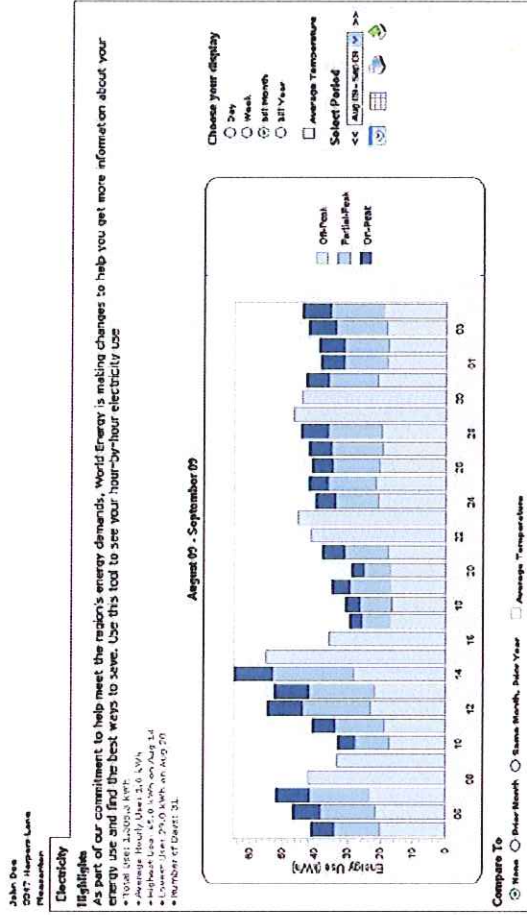
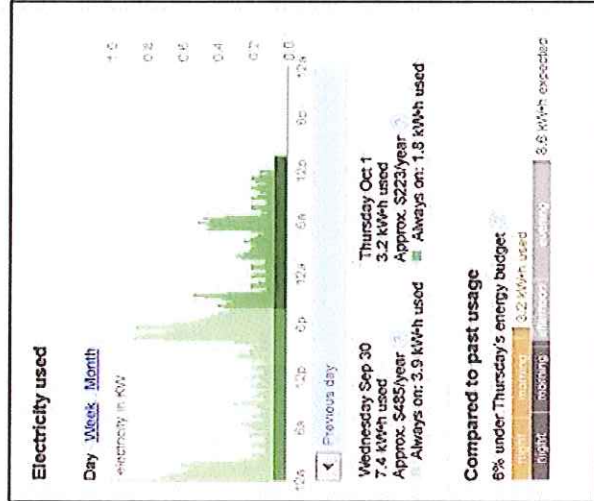
Cost

- Project expected to cost \$45 Million
- Financial benefits expected to entirely offset cost
- Significant benefits
 - Reduced meter reading cost
 - Reduced meter maintenance
 - Power purchase reductions
 - Reduced theft

Energy use feedback tools



Stay on top of your usage habits, with instant feedback at your fingertips



Next Steps

Before launching the program and installing advanced meters;

1. First Nation, Public and Stakeholder consultation
2. Apply to the BCUC – submit application
3. Participate in public regulatory process
4. Decision expected mid 2012

If Approved

Advanced Meters would then be installed across FortisBC territory by in 2015