

Attachment 1

*Open Minute Extracts regarding Electrical
Utility Commission Advanced Metering
Infrastructure from 2007 to 2023*

Open Minutes Extract

Minute Extracts regarding Electrical Utility Commission Advanced Metering Infrastructure from 2007 to 2023

Utility Commission – July 17, 2007

2. BC Hydro - Pilot AMI with flex Net (Sensus Metering Systems)

Advanced Metering Infrastructure is a wireless meter reading program which increases efficiency with respect to a combination of utilities. An overview of how the program works will be done in October. A concern regarding this program is, if we go to WiFi, this system is a 900 MHz frequency regulated license by this provider.

Utility Commission – October 2, 2007

2. Premier Campbell's Announcement on Energy Savings

Premier Campbell announced legislative steps to energy saving plans, including heavy industry emissions and the installation of smart meters in every home and business in the Province.

Utility Commission – January 22, 2008

8. Burnaby Company "Smart Meters"

Rod Carle advised that Hydro will go to RFP for Automatic Meter Reading and Intelligence Systems (Smart Meter technology). This might result in the installation of 1.5 million meters over the next three years. A discussion may be required at a Commission meeting on whether the city should tie in with the scheme and coordinate with Hydro for meter reading and billing. This would depend on whether the system is cost effective. Members indicated that costs and the pros and cons need to be analyzed. Pay back for a conventional automated reader system would be 3 to 3.5 years. A cost benefit would be realized if the city could use our own proposed Wifi system.

Utility Commission – April 8, 2008

8. Environment Meeting

Mayor Wayne Wright attended an Environment meeting (GVRD?). At the conclusion of the meeting, the Mayor of North Vancouver discussed smart meters and advised that cities who don't have their own electric utility to look at how New Westminister runs our utility division.

BC Hydro have narrowed it down to three companies with respect to the acquisition of smart meters. Four pilot projects are taking place in different areas.

Fortis BC have applied to BCUC for 100,000 smart meters at a cost of \$33m

(\$100 to \$125 per meter). The General Manager of Electric Utility is in discussion with BC Hydro regarding smart meters.

Utility Commission – May 13, 2008

7. Bill 15- 2008 Utilities Commission Amendment Act, 2008

CARRIED

Page 9, item 11 of Bill. 15 (*Utilities Commission Amendment Act, 2008*) addresses rate rebalancing. Under Section 5, the authority cannot do any rate rebalancing until 2010. After that time, they may revert back to rate rebalancing to a maximum of 2.5 percent. It was also noted that the authority has been mandated to implement smart meters by the end of the 2012 calendar year.

MOVED and SECONDED

THAT the correspondence presented to the Commission be received.

CARRIED

All members of the Commission voted in favour of the motion.

8. Smart Metering & Infrastructure Program

Mr. Rod Carle provided a PowerPoint presentation on Smart Metering. We will not be bound by the 2012 legislation.

Utility Commission – November 25, 2008

4. City of New Westminister Residential Inclining Block (RIB) Rate

The attached BC Hydro graph shows customers annual consumption. The penciled in amount are New Westminister customers. The City Administrator advised that we should get this information out to residents, keep track of any enquiries and have a response document available so

we have a consistent answer for the public if and when they contact the City. General Manager, Mr. Rod Carle, provided the following scenarios:

1) Stay as consistent as we can with BC Hydro and have limited variance. Apply the same rate block structure at 1350KWH/2 months and only change the first block **rate**, keeping the same end rate. The only difference from BC Hydro would then be to charge a higher per kwh rate in that first block. In order for us to be revenue neutral we would have to charge .0633/kwh (BCH .0598/kwh).

2) Change the block structure to 1000 kwh every two months. End rate would stay the same and change first block rate to .0619/kwh.

Additional Factors to Consider

In 2008 BC Hydro and the City implemented an interim rate increase of 6.56% effective April 1st 2008. BC Hydro then continued on with their Revenue Requirement Application (RRA) and because their fiscal year is April to March, filed and applied for rate increases of 6.56% for 2009 and 8.21 % in 2010. Due to up-dated evidence, they re-filed a rate increase of 4.59% increase for 2009 and 8.12% for 2010 which was submitted in October, 2008. At the conclusion of the oral hearing (Nov/08), they have now indicated that they only need 3.75% for 2009 but need 10.17% increase for 2010. After further review BC Hydro are now recommending to the BCUC to keep 6.56% for 2009 with an increase of 7.50% for 2010. Based on this information, staff recommend to remain status quo with a flat rate until we determine what the BC Hydro increases will be. Revenue application will continue to be monitored. General Manager Mr. Rod Carle advised that Fortis BC applied for smart metering which was denied, they have now been directed to come forward with a conservation RIB rate early in 2009. All Southern Interior Municipal Utilities are currently staying with a flat residential rate until Fortis BC establishes their RIB rate.

MOVED and SECONDED

THAT the verbal update presented to the Commission be received.

CARRIED

All members of the Commission voted in favour of the motion.

Utility Commission – June 9, 2009

2. Customer Service Performance Stats

For the month of May, Manager, Collection Services Mr. Randy Grant reported that approximately \$200,000 of unpaid utility fees has been

transferred to property taxes. This averages approximately 200 accounts out of 30,000 with an average of \$70.00 per account. Notices are sent to property owners as an electric utility transfer and approximately 50% of owners pay the outstanding amount prior to the fees being transferred to property taxes.

Mr. Grant also reported that the rate rebate has been calculated and will appear on bills as a "credit adjustment". The refund amount will be the difference between 6.65% rate increase and the approved 2.34% increase on consumption between April 1, 2008 and March 31, 2009. This works out to an average refund of \$35.00 per household.

The question arose regarding costs/implications if we went to smart metering. General Manager Mr. Rod Carle stated this would need to be assessed if we wanted to move in that direction. Mr. Carle indicated he has closely been monitoring what BC Hydro are proposing with their Smart Meter Integration (SMI) initiative and once a final proponent has been selected by BC Hydro (3-4 months), Mr. Carle will provide an up-date on SMI to the Commission at that time.

MOVED and SECONDED

THAT the Customer Service Performance Stats presented to the Commission be received.

CARRIED

All members of the Commission voted in favour of the motion.

Utility Commission – April 19, 2010

7.1 BC Hydro Names Itron Supplier of Smart Meters

Itron to provide two million electric meters for BC Hydro's smart meter roll out.

Utility Commission – July 13, 2010

7.1 BC Hydro Smart Meters

Article stipulates that smart meters will allow BC Hydro to supply power at a level close to actual demand.

Utility Commission October 19, 2010

7.4 Stratford Ontario Becomes a "Smart City" with Motorola Wireless Solutions

Stratford, Ontario is using WiFi to do smart metering through wireless connection. This will help reduce both electricity consumption and utility bills.

MOVED and SECONDED that all external correspondence under items 7.1 through 7.4 presented to the Commission be received.

CARRIED

All members of the Commission voted in favour of the motion.

Utility Commission – November 16, 2010

7.3 Smart Metering Article from New York Times

Article in the New York Times (November 13th) questions the use of smart meters.

MOVED and SECONDED that all external correspondence under items 7.1 through 7.3 presented to the Commission be received.

CARRIED

All members of the Commission voted in favour of the motion.

Utility Commission – January 25, 2011

7.2 BC Hydro Smart Metering & Infrastructure Program Business Case

Provided for information purposes.

MOVED and SECONDED

THAT the information presented to the Commission in items 7.1 through 7.2 be received.

CARRIED

All members of Commission voted in favour of the motion.

Utility Commission – February 15, 2011

7.1 BC Hydro Smart Meter & Infrastructure Program Q3 Report

7.3 BC Hydro Selects Corix, Capgemini for Smart Meter Launch

Utility Commission – March 15, 2011

5.4 Draft Sustainability Report Card

Council has requested input from key City committees regarding the revised Sustainability Report Card (formerly known as Smart Growth Development Checklist). It was noted the energy aspect is reasonably covered; however, some language needs to be incorporated regarding smart meters. Also, as part of the smart meter initiative, BC Hydro has taken the approach they're not going to be putting individual home displays in every residential home. Funds will be set aside for customers who wish to purchase a home display unit, expected take up is about 30% of all residential BC hydro customers.

7.2 BC Hydro Top 10 Smart Metering Program Myths & Facts

A myth and fact sheet has been created to address the misinformation circulating regarding BC Hydro's Smart Metering Program.

MOVED and SECONDED

THAT the information presented to the Commission in items 7.1 and 7.2 be received.

CARRIED

All members of Commission voted in favour of the motion.

Utility Commission – July 19, 2011

8. BC Hydro Hidden Agenda for Smart Meters

Province article - June 26th.

Utility Commission – September 20, 2011

8. Request from COPE 378

Acting Mayor Jonathan Cote received an email from COPE 378 (Canadian Office and Professional Employees Union) enquiring as to the status of smart metering and requesting to do a presentation in front of the Electric Utility Commission. The Commission received the requested information and directed the GM to contact Cope378 advising them that once the City has a plan for implementing a change to its electric meters, they would gladly welcome a presentation be brought forward at that time.

MOVED and SECONDED

THAT the information presented to the Commission be received.

CARRIED

All members of Commission voted in favour of the motion.

10. **Smart Meters: Privacy, Security of your Information a Priority-** BC Hydro News July 29, 2011
13. **Green Party does about-face, seeks Smart Meter Ban -** Vancouver Sun July 29, 2011

Utility Commission – October 18, 2011

9. **Dumb Leaders Attack Smart Meters** – NewsLeader
15. **Smart Meter Article**

MOVED and SECONDED

THAT the informational items presented to the Commission in items 8 through 15 be received.

CARRIED

All members of Commission voted in favour of the motion.

Utility Commission – December 20, 2011

7. **R02 Substation Circuit Breakers**

BC Hydro advised that 9 circuit breakers would need replacing and submitted a detailed plan supporting this issue. BC Hydro also advised that this should be completed in two phases instead of four which will increase the capital cost considerably over a two year period. As this is a higher priority, digital metering may have to be deferred for at least a year. Stage one will take place in October 2012. Estimated total cost for Phase 1 is \$2M, overall project cost is estimated at \$3M.

MOVED and SECONDED

THAT the Commission approve the recommendation in the BC Hydro letter dated December 15 2011 to replace 9 Royal 2 Circuit Breakers and proceed with the work immediately while seeking necessary approvals from Council.

CARRIED

All members of Commission voted in favour of the motion.

Utility Commission – January 17, 2012

7. **BC Hydro Rolls Around Smart Meter Resisters - Surrey North Delta Leader**

01/11/2012. (It was noted that the Commission would like to see options of different types of meters. General Manager indicated that information

sessions will take place with both the Commission and City Council starting in April 2012 with a decision on the what direction to go made by the September 2012 meeting).

MOVED and SECONDED

THAT the informational items presented to the Commission in items 5 through 7 be received.

CARRIED

All members of Commission voted in favour of the motion.

Utility Commission – February 21, 2012

10. City Isn't Rushing to Install Smart Meters

Royal City Record report.

Utility Commission – March 20, 2012

5. BCUC Dismisses Application against Smart Meters - BC Hydro Media Centre

BCUC issued a decision dismissing an application by an anti-smart meter group to place an injunction on the project - 03/08/2012

Utility Commission – May 17, 2012

7. BC Hydro Smart Meter Update-BC Hydro News (05/04/2012)

MOVED and SECONDED

THAT the informational items presented to the Commission in items 5 through 7 be received.

CARRIED

All members of Commission voted in favour of the motion.

Utility Commission – July 18, 2012

7. BC Hydro Smart Metering Up-Date

July 3rd - BC Hydro bulletin

Utility Commission – September 27, 2012

7. Ensuring Safety after Installation of a Smart Meter

Vancouver Sun - August 9, 2012

Utility Commission – December 11, 2012

12. BC Hydro Smart Meter Project Costs, F2013 Q2, F2013 Year to Date and Program to Date

- Quarterly Update Report-July to Sept 2012

MOVED and SECONDED

THAT the information presented to the Commission in items 9 through 12 be received.

CARRIED

All members of Commission voted in favour of the motion.

Utility Commission – January 15, 2013

12. Smart Meters and Time-of-use Prices/Ontario Energy Board (OEB) 11/28/2012, Commission Parsons provided EUC an internet link via email from the OEB.

MOVED and SECONDED

THAT the information presented to the Commission in items 6 through 12 be received.

CARRIED

All members of Commission voted in favour of the motion.

Utility Commission – March 19, 2013

7. Helping Customers Understand Smart Meters/Ministry of Energy, Mines & Natural Gas -January 23, 2013

Utility Commission – July 23, 2013

8. BC Hydro will Offer Compromise on Smart Meters - Vancouver Sun 07/12/2013

Utility Commission – October 28, 2014

7. Spallumcheen Township Re Smart Meters

The township of Spallumcheen passed a resolution regarding the safety of smart meters.

MOVED and SECONDED

THAT the information presented to the Commission in items 6 and 7 be received.

CARRIED

All members of Commission voted in favour of the motion.