

# HALTON HILLS HYDRO INC. ED-2002-0552 / EB-2007-0536

# MANAGER'S SUMMARY 2007 ELECTRICITY DISTRIBUTION RATE ADJUSTMENT SMART METER ADDENDUM

FEBRUARY 9<sup>th</sup>, 2007



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#### Manager's Summary - Smart Meter Addendum

Halton Hills Hydro filed its SMIP (Smart Meter Investment Plan) on December 15<sup>th</sup>, 2006. Our plan indicates that an RFP was issued with responses due from vendors on January 20<sup>th</sup>, 2007. However, since that time many vendors have asked for an extension of the filing deadline. Halton Hills Hydro accommodated their request with a new filing deadline of February 15<sup>th</sup>, 2007. Therefore, the costs submitted in this application are best estimates of what the actual costs may be.

#### **SMART METER UNIT COST**

#### **Smart Meter Unit Costs** \$111.68

This is an estimate from an Elster Energy Axis price list. It includes meter cost of \$108.43 plus \$3.26 as an estimate of replacement meter bases.

#### **Smart Meter Other Cost** \$ 18.25

This is an estimate from an Elster Energy Axis price list. It includes the collector cost of \$912.57/50 meters.

#### **Smart Meter Installation Cost per Unit - \$10.00**

This is an estimate from a company currently installing smart meters.

#### **Smart Meter Other Cost per Unit - \$5.20**

This is an estimate for the installation of the collector. \$260.00/50 meters.

## **AMI CAPITAL COST**

#### **AMI Computer Hardware Costs**

This cost represents the addition of a new AS400 for smart metering purposes.

#### **AMI Computer Software Costs**

This cost represents:

- 1. Software for the AMI Hardware \$13,600
- 2. Estimated programming costs for HTE (CIS system) data integration \$100,000 (25 weeks)
- 3. Estimated programming costs for MDMR integration \$100,000 (25 weeks)



# **OTHER CAPITAL COST**

#### **Other Computer Hardware Costs**

This cost represents the addition of a new control server.

## **Other Computer Software Costs**

This cost represents the programming required for web presentment.

# **INCREMENTAL AMI OPERATIONAL EXPENSES**

# **Incremental AMI O&M Expenses**

This cost represents the communication costs and the Hardware/Software Maintenance costs of the new computer listed above.

#### **Incremental AMI Admin Expenses**

It is anticipated that an additional staff member will be required in order to provide the necessary administration to ensure completeness and accuracy of data.

# **INCREMENTAL OTHER OPERATIONAL EXPENSES**

#### **Incremental Other O&M Expenses**

This is an estimate of miscellaneous costs yet to be identified.

#### **Incremental Other Admin Expenses**

This is an estimate of miscellaneous costs yet to be identified.

Respectfully submitted:	
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