

## COMPARISON OF NUCLEAR FUEL COSTS

### 1.0 PURPOSE

This evidence presents period-over-period comparisons of nuclear fuel costs (excluding fuel oil and used nuclear fuel storage and disposal costs) for 2010 - 2015.

### 2.0 OVERVIEW

This evidence supports the approvals sought for the nuclear fuel costs. Exhibit F2-5-2 Table 1 sets out the comparison of budget and actual nuclear fuel costs over 2010 - 2015.

See Ex. F2-5-1 for a discussion of key drivers associated with nuclear fuel costs.

### 3.0 PERIOD-OVER-PERIOD CHANGES – TEST PERIOD

#### 2015 Plan versus 2014 Plan

The decrease in 2015 of \$13.2M in nuclear fuel costs is due to lower energy production (\$7.5M) plus lower unit prices for new fuel loaded (\$5.5M) plus higher fuel utilization efficiency (\$0.1M).

#### 2014 Plan versus 2013 Budget

The increase in 2014 of \$4.4M in nuclear fuel costs is due to higher energy production of (\$7.6M) less lower unit prices for new fuel loaded of (\$2.9M) less higher fuel utilization efficiency of (\$0.3M).

### 4.0 PERIOD-OVER-PERIOD CHANGES – BRIDGE YEAR

#### 2013 Budget versus 2012 Actual

The increase in 2013 of \$5.7M is due to higher unit prices for new fuel loaded (\$6.4M) plus lower fuel utilization efficiency (\$3.2M) less lower energy production \$(3.9M).

### 5.0 PERIOD-OVER-PERIOD CHANGES - HISTORICAL PERIOD

#### 2012 Actual versus 2012 Board Approved

1 The 2012 actual costs were \$23.6M lower than the Board approved due to lower energy  
2 production (\$8.8M including OEB adjustment of \$4.5M) plus lower unit prices for new fuel  
3 loaded (\$12.7M) plus higher fuel utilization efficiency (\$2.1M).

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5 **2012 Actual versus 2011 Actual**

6 The increase in 2012 of \$9.9M in nuclear fuel costs is due to higher energy production  
7 (\$2.3M) plus higher unit prices for new fuel loaded (\$8.5M) less higher fuel utilization  
8 efficiency (\$0.9M).

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10 **2011 Actual versus 2011 Board Approved**

11 The 2011 actual costs were \$9.4M lower than the 2011 Board Approved due to lower energy  
12 production (\$6.0M including OEB adjustment of \$4.5M) plus lower unit prices for new fuel  
13 loaded (\$2.4M) plus higher fuel utilization efficiency (\$1.1M).

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15 **2011 Actual versus 2010 Actual**

16 The increase in 2011 of \$28.2M in nuclear fuel costs is due to higher energy production  
17 (\$10.1M) plus higher unit prices for new fuel loaded (\$18.9M) less higher fuel utilization  
18 efficiency (\$0.8M).

19  
20 **2010 Actual versus. 2010 Budget**

21 The 2010 Actual were \$1.4M lower than the 2010 Budget due to lower energy production  
22 (\$1.1M) plus lower unit prices for new fuel loaded (\$0.1M) plus higher fuel utilization  
23 efficiency (\$0.2M).