

1 Q. Further to PR-PUB-NLH-090, please provide Hydro's calculations and breakdown by
2 cost category of the components for the expenditures associated with Hydro's
3 Integrated Action Plan items 18, 19, 29, 33, 34 and 49, as previously discussed with
4 Liberty.

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7 A. Please see the following attachments:

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- 9 • Integrated Action Plan Item #18: PR-PUB-NLH-091 Attachment 1
- 10 • Integrated Action Plan Item #19: PR-PUB-NLH-091 Attachment 2¹
- 11 • Integrated Action Plan Item #29: PR-PUB-NLH-091 Attachment 3
- 12 • Integrated Action Plan Item #33: PR-PUB-NLH-091 Attachment 4
- 13 • Integrated Action Plan Item #34: PR-PUB-NLH-091 Attachment 5²
- 14 • Integrated Action Plan Item #49: PR-PUB-NLH-091 Attachment 6

¹ Please note that numbers have been revised from those originally provided to Liberty Consulting.

² Please note that numbers have been revised from those originally provided to Liberty Consulting.

IAP 18

Execute a 2014 plan for testing transformers with questionable levels of combustible gases

Cost Type Description	2014 Actuals (\$000's)
*Labour	\$4
Overtime	\$6
Total Salary and Benefits	\$10
Materials	\$4
Contract Labour	\$0
Total System Equipment and Maintenance	\$4
Consultants	\$0
Other Operating and Maintenance Costs	\$0
TOTAL OUTAGE COSTS	\$14

* All "Labour" is incremental as there was a block of temporary employees hired in 2014 to help facilitate the incremental CM/PM recovery work by utilizing them to execute planned and other work that would normally have been completed by permanent employees outside of the CM/PM recovery plan.

IAP 19

Execute a 2014 plan for completing overdue testing and maintenance on critical transformers

Cost Type Description	2014 AA (\$000's)
*Labour In	\$38
Overtime	\$67
Total Salary and Benefits	\$104
Materials	\$13
Contract Labour	\$38
Total System Equipment and Maintenance	\$51
Consultants	\$0
Other Operating and Maintenance Costs	\$1
TOTAL OUTAGE COSTS	\$156

***Note:** All "Labour In" is incremental as there was a block of temporary employees hired in 2014 to help facilitate the incremental CM/PM recovery work by utilizing them to execute planned and other work that would normally have been completed by permanent employees outside of the CM/PM recovery plan.

12/05/2015

IAP 29

Complete a formal life assessment of Hydro's power transformers and revise the long term plan for transformer upgrades and replacements as soon as possible

Cost Type Description	2014 Actuals (\$000's)
*Labour	\$3
Overtime	\$1
Total Salary and Benefits	\$4
Materials	\$0
Contract Labour	\$0
Total System Equipment and Maintenance	\$0
Consultants	\$59
Other Operating and Maintenance Costs	\$0
TOTAL OUTAGE COSTS	\$62

* All "Labour" is incremental as there was a block of temporary employees hired in 2014 to help facilitate the incremental CM/PM recovery work by utilizing them to execute planned and other work that would normally have been completed by permanent employees outside of the CM/PM recovery plan.

IAP 33

Execute the annual 2014 plan for exercising air blast circuit breakers

Cost Type Description	2014 Actuals (\$000's)
Inter-company Salary	\$0
*Labour	\$17
Overtime	\$13
Total Salary and Benefits	\$30
Materials	\$1
Contract Labour	\$0
Total System Equipment and Maintenance	\$1
Consultants	\$0
Other Operating and Maintenance Costs	\$0
TOTAL OUTAGE COSTS	\$31

* All "Labour" is incremental as there was a block of temporary employees hired in 2014 to help facilitate the incremental CM/PM recovery work by utilizing them to execute planned and other work that would normally have been completed by permanent employees outside of the CM/PM recovery plan.

IAP 34

Execute a 2014 plan for completing overdue testing and maintenance on critical AB circuit breakers

Cost Type Description	2014 AA (\$000's)
*Labour In	\$46
Overtime	\$57
Total Salary and Benefits	\$103
Materials	\$23
Contract Labour	\$98
Total System Equipment and Maintenance	\$121
Consultants	\$0
Other Operating and Maintenance Costs	\$3
TOTAL OUTAGE COSTS	\$227

***Note:** All "Labour In" is incremental as there was a block of temporary employees hired in 2014 to help facilitate the incremental CM/PM recovery work by utilizing them to execute planned and other work that would normally have been completed by permanent employees outside of the CM/PM recovery plan.

12/05/2015

IAP 49

Implement all other P&C and related root cause analysis recommendations identified in Hydro's IAP

Cost Type Description	2014 Actuals (\$000's)
*Labour	\$38
Overtime	\$36
Total Salary and Benefits	\$74
Materials	\$14
Contract Labour	\$0
Total System Equipment and Maintenance	\$14
Consultants	\$0
Other Operating and Maintenance Costs	\$3
TOTAL OUTAGE COSTS	\$91

* All "Labour" is incremental as there was a block of temporary employees hired in 2014 to help facilitate the incremental CM/PM recovery work by utilizing them to execute planned and other work that would normally have been completed by permanent employees outside of the CM/PM recovery plan.