

1 **SUBJECT: CEF Breakdown**

2

3 **REFERENCE: CEF 2009-2013**

4

5 **QUESTION:**

6 Please fill in the attached table to ensure we are working with the correct values.

7

8 **RESPONSE:**

9 Please see attached table.

Table KP/MH II-027: Capital Expenditure Forecast Break Down Summary

| | | Keeyask 2019 ISD (Millions of \$) | | | | |
|---|--|-----------------------------------|---------|---------|---------|---------|
| | | 2009 Estimate | CEF2010 | CEF2011 | CEF2012 | CEF2013 |
| BASE COST | | | | | | |
| POINT ESTIMATE | | | | | | |
| DIRECTS | | | | | | |
| Total Estimated G.S. Direct Costs (without Contingency) | | | | | | |
| Generation Out Transmission (Point Estimate) | | 93 | 105 | | 137 | |
| INDIRECTS | | | | | | |
| Planning / Environmental / Construction Labour & Expenses | | | | | | |
| Total Estimated Indirect Costs | | | | | | |
| Total "Point Estimate" | | 2,799 | 2,910 | | 3,186 | |
| UNCERTAINTY | | | | | | |
| P50 Based Contingency | | 507 | 516 | | 547 | |
| Management Reserve | | | | | | |
| Labour Reserve | | | | | 384 | |
| Escalation Reserve | | | | | 116 | |
| TOTAL BASE COST | | 3,306 | 3,426 | 3,395 | 4,233 | 4,241 |
| INTEREST AND ESCALATION | | | | | | |
| Escalation | | | 498 | | 416 | |
| Capitalized Interest | | | | | 873 | |
| Interest on Manitoba Hydro Equity | | | 1,347 | | 196 | |
| Total Project Interest and Escalation | | | 1,845 | 1,820 | 1,485 | 1,339 |
| CUMULATIVE MONEY SPENT TO DATE | | | | | | |
| Planning / Environmental / Construction Labour & Expenses | | | 261 | 286 | 328 | 405 |
| Directs | | | 4 | 8 | 17 | 40 |
| Transmission | | | 0 | 0 | 0 | 1 |
| Total Actuals | | | 265 | 296 | 346 | 448 |
| Interest on Capital | | | 100 | 126 | 156 | 191 |
| Total Money Spent to Date (cumulative) | | | 365 | 422 | 502 | 640 |
| INSERVICE COST | | | | | | |
| In-service Cost | | | 5,637 | 5,637 | 6,220 | 6,220 |

Table KP/MH II-027: Capital Expenditure Forecast Break Down Summary

| | | Conawapa (Millions \$) | | | |
|---|--|------------------------|------------------------|------------------------|------------------------|
| | | 2023 ISD | 2024 ISD | 2025 ISD | 2026 ISD |
| | | CEF2010 | CEF2011 | CEF2012 | CEF2013 |
| | | Based on 2007 Estimate | Based on 2007 Estimate | Based on 2010 Estimate | Based on 2010 Estimate |
| BASE COST | | | | | |
| POINT ESTIMATE | | | | | |
| DIRECTS | | | | | |
| Total Estimated G.S. Direct Costs (without Contingency) | | | | | |
| Generation Outlet Transmission (Base Estimate) | | 10 | | 10 | 10 |
| INDIRECTS | | | | | |
| Planning / Environmental / Construction Labour & Expenses | | | | | |
| Total Estimated Indirect Costs | | | | | |
| Adjustment to 2012 \$ | | | | 301 | 301 |
| Adjustment to 2013 \$ | | | | | 91 |
| Total "Point Estimate" | | 4,214 | | 4,539 | 4,668 |
| UNCERTAINTY | | | | | |
| P50 Based Contingency | | 545 | | 750 | 750 |
| Management Reserve | | | | | |
| Labour Reserve | | | | 510 | 510 |
| Escalation Reserve | | | | 337 | 337 |
| TOTAL BASE COST | | 4,759 | | 6,136 | 6,265 |
| INTEREST AND ESCALATION | | | | | |
| Escalation | | 814 | | 1,239 | 1,299 |
| Capitalized Interest | | 2,197 | | 2,588 | 2,667 |
| Interest on Manitoba Hydro Equity | | | | | |
| Total Project Interest and Escalation | | 3,011 | | 3,827 | 3,966 |
| CUMULATIVE MONEY SPENT TO DATE | | | | | |
| Planning / Environmental / Construction Labour & Expenses | | 139 | | 168 | 182 |
| Transmission | | 5 | | 8 | 9 |
| Total Actuals | | 145 | | 176 | 192 |
| Interest on Capital | | 27 | | 54 | 69 |
| Total Money Spent to Date (cumulative) | | 172 | | 230 | 261 |
| INSERVICE COST | | | | | |
| In-service Cost | | 7,770 | 7,770 | 10,193 | 10,491 |

Note: 1% PST in 2013 increase applied to PH complex, camp infrastructure and service contracts