Table 1
Capitalization and Cost of Capital
Allocation of Existing Long-term Debt (\$M)

| Line No. | Asset | Amount (\$M) |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 2007 | 2008 | 2009 |
|  |  | (a) | (b) | (c) |
|  | Company-Wide: |  |  |  |
| 1 | Net Fixed Assets | 11,827.0 | 11,515.4 | 11,651.3 |
| 2 | Adjusted Construction Work in Progress | 950.0 | 1,271.8 | 1,236.7 |
| 3 | Asset Values Using Project Financing | (860.0) | $(1,100.8)$ | $(1,266.4)$ |
| 4 | Adjusted Net Fixed Assets | 11,917.0 | 11,686.4 | 11,621.6 |
|  |  |  |  |  |
| 5 | Adjustment for Lesser of UNL or ARC ${ }^{1,2}$ | N/A | 1,767.6 | 1,740.0 |
| 6 | Adjusted Net Fixed Funded Assets | 11,917.0 | 9,918.8 | 9,881.6 |
|  |  |  |  |  |
|  | Regulated Operations: |  |  |  |
| 7 | Net Fixed Assets ${ }^{3}$ | 6,696.9 | 6,529.4 | 6,396.9 |
| 8 | Adjusted Construction Work in Progress | 508.7 | 681.8 | 888.1 |
| 9 | Asset Values Using Project Financing | (281.0) | (431.1) | (644.3) |
| 10 | Adjusted Net Fixed Assets | 6,924.6 | 6,780.1 | 6,640.7 |
|  |  |  |  |  |
| 11 | Adjustment for Lesser of UNL or ARC ${ }^{1,4}$ | N/A | 1,283.7 | 1,159.8 |
| 12 | Adjusted Net Fixed Funded Assets | 6,924.6 | 5,496.4 | 5,480.9 |
|  |  |  |  |  |
|  | Relative Ratio: |  |  |  |
| 13 | Regulated/Company-Wide Net Fixed Assets | 58.11\% | 55.41\% | 55.47\% |
|  | (line 12 / line 6) |  |  |  |

## Notes:

1 Reflects OEB direction to adjust the allocation of existing long-term debt to regulated operations to reflect the Board's Decision with respect to the unfunded nuclear liabilities (Decision with Reasons, Pg. 165). See Ex. C2-T1-S2 Tables 1 and 2 for 2008 and 2009 adjustments.
2 Methodology as reflected in EB-2007-0905 Payment Amounts Order, App. A. Company-wide adjustment for 2008 and 2009 derived from Ex. C2-T1-S2 Tables 1 and 2 as follows:

| Company-Wide Lesser of UNL and ARC | 2008 | 2009 |
| ---: | :---: | :---: |
| Company-Wide UNL: |  |  |
| C2-T1-S2 Table 1, Line 21 | $1,329.1$ | $1,449.7$ |
| + C2-T1-S2 Table 2, Line 11 | $4,967.7$ | $5,196.4$ |
| - C2-T1-S2 Table 2, Line 19 | $4,529.1$ | $4,906.2$ |
| Company Wide UNL | $1,767.6$ | $1,740.0$ |
|  |  |  |
| Company-Wide ARC: |  |  |
| C2-T1-S2 Table 1, Line 28 | $1,283.7$ | $1,159.8$ |
| + C2-T1-S2 Table 2, Line 26 | $1,108.7$ | $1,060.1$ |
| $=$ Company Wide ARC | $2,392.4$ | $2,219.9$ |
|  |  |  |
|  | $1,767.6$ | $1,740.0$ |

3 Ex. B2-T3-S1 Table 1 and Ex. B2-T4-S1 Table 1 (Regulated Hydroelectric) and Ex. B3-T3-S1 Table 1 and B3-T4-S1 Table 1 (Nuclear).
4 C2-T1-S2 Table 1, line 28.

Table 2
Capitalization and Cost of Capital Summary of Existing Long-Term Debt (\$M)
Outstanding During Calendar Year Ending Dec. 31, 2007


## See Ex. C1-T1-S2 Table 2a for notes

* For debt issues that are issued or mature during the year the face value is reduced to reflect only that portion of the year the debt issue is financing the rate base.

Table 2a
Capitalization and Cost of Capital Summary of Existing Long-Term Debt (\$M) Outstanding During Calendar Year Ending Dec. 31, 2007 Notes to Ex. C1, Tab 1, Sch. 1, Table 2

|  | Issue | Issue/Redemption <br> Date | Face Value (\$M) | (Weffective Days | Weighted <br> Principal (\$M) | New Issues <br> Effectiive Rates |
| :--- | :--- | ---: | ---: | ---: | ---: | ---: |
| Note 1 | Issue 1 | $3 / 22 / 2007$ | 200.0 | 81.0 | 44.4 |  |
| Note 2 | Issue 2 | $9 / 22 / 2007$ | 200.0 | 265.0 | 145.2 |  |
| Note 3 | Issue 17 | $6 / 22 / 2007$ | 100.0 | 192.0 | 52.6 | $5.44 \%$ |
| Note 4 | Issue 18 | $9 / 24 / 2007$ | 200.0 | 98.0 | 53.7 | $5.53 \%$ |
| Note 5 | Issue 19 | $12 / 21 / 2007$ | 400.0 | 10.0 | 11.0 | $5.31 \%$ |
| Note 6 | Niagara 2 | $1 / 22 / 2007$ | 50.0 | 343.0 | 47.0 | $5.10 \%$ |
| Note 7 | Niagara 3 | $4 / 23 / 2007$ | 30.0 | 343.0 | 28.2 | $5.09 \%$ |

See Ex. C1-T1-S2 Table 8 for effective interest rates for Project Related Debt.
See Ex C1-T1-S2 Table 9 for effective interest rates for non-Project Debt.

Note 8 Issues 7, 8, 9 and 10 are subordinated debt issues.
Note 9 Allocation ratio for 2007 described in Ex. C1-T1-S2 Table 1.
Note 10 Includes related costs of issuance/redemption and the amortization of debt discount or premium.
Note 11 See Ex. C1-T1-S2 Table 9 for effective interest rate.
Note 12 Other Long-Term Debt Provision

| New Issues | Effective Rate |
| :--- | ---: |
| Issue 17 | $5.44 \%$ |
| Issue 18 | $5.53 \%$ |
| Issue 19 | $5.31 \%$ |
| Niagara 2 | $5.10 \%$ |
| Niagara 3 | $5.09 \%$ |
| Average Rate | $5.29 \%$ |

Table 3
Capitalization and Cost of Capital Summary of Existing Long-Term Debt (\$M)
Outstanding During Calendar Year Ending Dec. 31, 2008

| $\begin{array}{\|l\|} \hline \text { Line } \\ \text { No. } \end{array}$ | Issue | Note | Weighted Principal* (\$M) | $\begin{aligned} & \hline \text { Issue } \\ & \text { Date } \end{aligned}$ | Duration (years) | Maturity Date | Effective <br> Rate (\%) | Annual Cost (\$M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | (a) | (b) | (c) | (d) | (e) | (f) |
|  |  |  |  |  |  |  |  |  |
|  | Company-Wide Borrowing |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | Issues 1 and 2 Redeemed During 2007 |  |  |  |  |  | (Note 9) |  |
| 1 | Issue 3 | 1 | 44.9 |  |  | 3/22/2008 | 5.90\% | 2.7 |
| 2 | Issue 4 | 2 | 145.8 |  |  | 9/22/2008 | 5.90\% | 8.6 |
| 3 | Issue 5 |  | 175.0 |  |  | 3/22/2009 | 6.01\% | 10.5 |
| 4 | Issue 6 |  | 175.0 |  |  | 9/22/2009 | 6.01\% | 10.5 |
| 5 | Issue 7 | 7 | 187.5 |  |  | 3/22/2010 | 6.60\% | 12.4 |
| 6 | Issue 8 | 7 | 187.5 |  |  | 9/22/2010 | 6.60\% | 12.4 |
| 7 | Issue 9 | 7 | 187.5 |  |  | 3/22/2011 | 6.65\% | 12.5 |
| 8 | Issue 10 | 7 | 187.5 |  |  | 9/22/2011 | 6.65\% | 12.5 |
| 9 | Issue 11 |  | 100.0 | 3/22/2005 | 5.0 | 3/22/2010 | 5.49\% | 5.5 |
| 10 | Issue 12 |  | 150.0 | 3/22/2005 | 5.0 | 3/22/2010 | 5.71\% | 8.6 |
| 11 | Issue 13 |  | 100.0 | 9/22/2005 | 5.0 | 9/22/2010 | 5.49\% | 5.5 |
| 12 | Issue 14 |  | 150.0 | 9/22/2005 | 5.0 | 9/22/2010 | 5.71\% | 8.6 |
| 13 | Issue 15 |  | 95.0 | 3/22/2005 | 5.0 | 3/22/2010 | 5.62\% | 5.3 |
| 14 | Issue 16 |  | 400.0 | 4/29/2005 | 7.0 | 4/30/2012 | 5.72\% | 22.9 |
| 15 | Issue 17 |  | 100.0 | 6/22/2007 | 10.0 | 6/22/2017 | 5.44\% | 5.4 |
| 16 | Issue 18 | 10 | 200.0 | 9/24/2007 | 10.0 | 9/22/2017 | 5.53\% | 11.1 |
| 17 | Issue 19 |  | 400.0 | 12/21/2007 | 9.8 | 9/22/2017 | 5.31\% | 21.2 |
| 18 | Issue 20 | 3,10,11 | 155.6 | 3/22/2008 | 10.0 | 3/22/2018 | 5.35\% | 8.3 |
| 19 | Total |  | 3,141.3 |  |  |  | 5.87\% | 184.4 |
|  |  |  |  |  |  |  |  |  |
|  | Regulated Portion of Company-Wide Borrowing |  |  |  |  |  |  |  |
| 20 | Allocation | 8 | 1,740.7 |  |  |  | 5.87\% | 102.2 |
|  |  |  |  |  |  |  |  |  |
|  | Project Financing--Regulated Projects |  |  |  |  |  |  |  |
| 21 | Niagara 1 |  | 160.0 | 10/22/2006 | 10.0 | 10/22/2016 | 5.23\% | 8.4 |
| 22 | Niagara 2 |  | 50.0 | 1/22/2007 | 10.0 | 1/22/2017 | 5.10\% | 2.5 |
| 23 | Niagara 3 |  | 30.0 | 4/23/2007 | 10.0 | 4/22/2017 | 5.09\% | 1.5 |
| 24 | Niagara 4 | 4,11 | 37.7 | 1/22/2008 | 10.0 | 1/22/2018 | 5.53\% | 2.1 |
| 25 | Niagara 5 | 5,11 | 20.8 | 4/22/2008 | 10.0 | 4/22/2018 | 5.90\% | 1.2 |
| 26 | Niagara 6 | 6,11 | 13.3 | 7/22/2008 | 10.0 | 7/22/2018 | 5.87\% | 0.8 |
| 27 | Total |  | 311.8 |  |  |  | 5.30\% | 16.5 |
|  |  |  |  |  |  |  |  |  |
|  | Total Regulated Long-Term Debt |  |  |  |  |  |  |  |
| 28 | Line 20+27 |  | 2,052.5 |  |  |  | 5.78\% | 118.7 |
|  |  |  |  |  |  |  |  |  |

## See Ex. C1-T1-S2 Table 3a for notes

* For debt issues that are issued or mature during the year the face value is reduced to reflect only that portion of the year the debt issue is financing the rate base.

Table 3a
Capitalization and Cost of Capital Summary of Existing Long-Term Debt (\$M) Outstanding During Calendar Year Ending Dec. 31, 2008 Notes to Ex. C1, Tab 1, Sch. 2, Table 3

|  | Issue | Issue/Redemption <br> Date | Weighted <br> Face Value (\$M) | New Issues <br> Effectiive Rates |  |  |
| :--- | :--- | ---: | ---: | ---: | ---: | ---: |
| Effective Days | Wrincipal (\$M) <br> Note 1 | Issue 3 | $3 / 22 / 2008$ | 200.0 | 82.0 | 44.9 |
| Note 2 | Issue 4 | $9 / 22 / 2008$ | 200.0 | 266.0 | 145.8 |  |
| Note 3 | Issue 20 | $3 / 22 / 2008$ | 200.0 | 284.0 | 155.6 | $5.35 \%$ |
| Note 4 | Niagara 4 | $1 / 22 / 2008$ | 40.0 | 344.0 | 37.7 | $5.53 \%$ |
| Note 5 | Niagara 5 | $4 / 22 / 2008$ | 30.0 | 253.0 | 20.8 | $5.90 \%$ |
| Note 6 | Niagara 6 | $7 / 22 / 2008$ | 30.0 | 162.0 | 13.3 | $5.87 \%$ |

See Ex. C1-T1-S2 Table 8 for effective interest rates for Project Related Debt.
See Ex C1-T1-S2 Table 9 for effective interest rates for non-Project Debt

Note 7 Issues 7, 8, 9 and 10 are subordinated debt issues.
Note 8 Allocation ratio for 2008 described in Ex. C1-T1-S2 Table 1.
Note 9 Includes related costs of issuance/redemption and the amortization of debt discount or premium.
Note 10 See Ex. C1-T1-S2 Table 9 for effective interest rate.
Note 11 Other Long-Term Debt Provision

| New Issues | Effective Rate |
| :--- | ---: |
| Issue 20 | $5.35 \%$ |
| Niagara 4 | $5.53 \%$ |
| Niagara 5 | $5.90 \%$ |
| Niagara 6 | $5.87 \%$ |
| Average Rate | $5.66 \%$ |

Table 4
Capitalization and Cost of Capital
Summary of Existing Long-Term Debt (\$M)
Outstanding During Calendar Year Ending Dec. 31, 2009

| Line No. | Issue | Note | Weighted Principal* (\$M) | Issue/Redemption Date | Duration (years) | Maturity Date | Effective <br> Rate (\%) | Annual Cost (\$M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | (a) | (b) | (c) | (d) | (e) | (f) |
|  |  |  |  |  |  |  |  |  |
|  | Company-Wide Borrowing |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | Issues 1 and 2 Redeemed During 2007 |  |  |  |  |  |  |  |
|  | Issues 3 and 4 Redeemed During 2008 |  |  |  |  |  | (Note 10) |  |
| 1 | Issue 5 | 1 | 38.8 |  |  | 3/22/2009 | 6.01\% | 2.3 |
| 2 | Issue 6 | 2 | 127.1 |  |  | 9/22/2009 | 6.01\% | 7.6 |
| 3 | Issue 7 | 8 | 187.5 |  |  | 3/22/2010 | 6.60\% | 12.4 |
| 4 | Issue 8 | 8 | 187.5 |  |  | 9/22/2010 | 6.60\% | 12.4 |
| 5 | Issue 9 | 8 | 187.5 |  |  | 3/22/2011 | 6.65\% | 12.5 |
| 6 | Issue 10 | 8 | 187.5 |  |  | 9/22/2011 | 6.65\% | 12.5 |
| 7 | Issue 11 |  | 100.0 | 3/22/2005 |  | 3/22/2010 | 5.49\% | 5.5 |
| 8 | Issue 12 |  | 150.0 | 3/22/2005 |  | 3/22/2010 | 5.71\% | 8.6 |
| 9 | Issue 13 |  | 100.0 | 9/22/2005 |  | 9/22/2010 | 5.49\% | 5.5 |
| 10 | Issue 14 |  | 150.0 | 9/22/2005 |  | 9/22/2010 | 5.71\% | 8.6 |
| 11 | Issue 15 |  | 95.0 | 3/22/2005 |  | 3/22/2010 | 5.62\% | 5.3 |
| 12 | Issue 16 |  | 400.0 | 4/29/2005 |  | 4/30/2012 | 5.72\% | 22.9 |
| 13 | Issue 17 |  | 100.0 | 6/22/2007 |  | 6/22/2017 | 5.44\% | 5.4 |
| 14 | Issue 18 | 11 | 200.0 | 9/24/2007 |  | 9/22/2017 | 5.53\% | 11.1 |
| 15 | Issue 19 |  | 400.0 | 12/21/2007 |  | 9/22/2017 | 5.31\% | 21.2 |
| 16 | Issue 20 | 11 | 200.0 | 3/22/2008 |  | 3/22/2018 | 5.35\% | 10.7 |
| 17 | Issue 21 | 3, 12 | 77.8 | 3/22/2009 |  | 3/22/2019 | 5.65\% | 4.4 |
| 18 | Total |  | 2,888.7 |  |  |  | 5.84\% | 168.8 |
|  |  |  |  |  |  |  |  |  |
|  | Regulated Portion of Company-Wide Borrowing |  |  |  |  |  |  |  |
| 19 | Allocation | 9 | 1,602.2 |  |  |  | 5.84\% | 93.6 |
|  |  |  |  |  |  |  |  |  |
|  | Project Financing--Regulated Projects |  |  |  |  |  |  |  |
| 20 | Niagara 1 |  | 160.0 | 10/22/2006 |  | 10/22/2016 | 5.23\% | 8.4 |
| 21 | Niagara 2 |  | 50.0 | 1/22/2007 |  | 1/22/2017 | 5.10\% | 2.5 |
| 22 | Niagara 3 |  | 30.0 | 4/23/2007 |  | 4/22/2017 | 5.09\% | 1.5 |
| 23 | Niagara 4 |  | 40.0 | 1/22/2008 |  | 1/22/2018 | 5.53\% | 2.2 |
| 24 | Niagara 5 |  | 30.0 | 4/22/2008 |  | 4/22/2018 | 5.90\% | 1.8 |
| 25 | Niagara 6 |  | 30.0 | 7/22/2008 |  | 7/22/2018 | 5.87\% | 1.8 |
| 26 | Niagara 7 | 4, 12 | 28.2 | 1/22/2009 |  | 1/22/2019 | 8.41\% | 2.4 |
| 27 | Niagara 8 | 5,12 | 24.3 | 4/22/2009 |  | 4/22/2019 | 7.71\% | 1.9 |
| 28 | Niagara 9 | 6, 12 | 15.5 | 7/22/2009 |  | 7/22/2019 | 6.41\% | 1.0 |
| 29 | Niagara 10 | 7, 12 | 9.6 | 10/22/2009 |  | 10/22/2019 | 5.63\% | 0.5 |
| 30 | Total |  | 417.6 |  |  |  | 5.74\% | 24.0 |
|  |  |  |  |  |  |  |  |  |
|  | Total Regulated Long-Term Debt |  |  |  |  |  |  |  |
| 31 | Line 19+30 |  | 2,019.8 |  |  |  | 5.82\% | 117.5 |
|  |  |  |  |  |  |  |  |  |

## See Ex. C1-T1-S2 Table 4a for notes

* For debt issues that are issued or mature during the year the face value is reduced to reflect only that portion of the year the debt issue is financing the rate base.

Table 4a
Capitalization and Cost of Capital Summary of Existing Long-Term Debt (\$M) Outstanding During Calendar Year Ending Dec. 31, 2009 Notes to Ex. C1, Tab 1, Sch. 2, Table 4

|  | Issue | Issue/Redemption <br> Date | Face Value (\$M) |
| :--- | :--- | ---: | ---: | ---: | ---: | ---: | Effective Days $\left.$| Weighted |
| :---: |
| Principal (\$M) | | New Issues |
| :---: |
| Effectiive Rates | \right\rvert\,

Note 8 Issues 7, 8, 9 and 10 are subordinated debt issues.
Note 9 Allocation ratio for 2009 described in Ex. C1-T1-S2 Table 1.
Note 10 Includes related costs of issuance/redemption and the amortization of debt discount or premium.
Note 11 See Ex. C1-T1-S2 Table 9 for effective interest rate.
Note 12 Other Long-Term Debt Provision

| New Issues | Effective Rate |
| :--- | ---: |
| Issue 21: | $5.65 \%$ |
| Niagara 7 | $8.41 \%$ |
| Niagara 8 | $7.71 \%$ |
| Niagara 9 | $6.41 \%$ |
| Niagara 10 | $5.63 \%$ |
| Average Rate | $6.76 \%$ |

Tab 1
Schedule 2
Table 5
Table 5
Capitalization and Cost of Capital
Summary of Existing and Planned Long-Term Debt (\$M)
Outstanding During Calendar Year Ending Dec. 31, 2010

| Line No. | Issue | Note | Weighted Principal* (\$M) | Issue Date | Duration (years) | Maturity Date | Effective <br> Rate (\%) | Annual Cost (\$M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | (a) | (b) | (c) | (d) | (e) | (f) |
|  |  |  |  |  |  |  |  |  |
|  | Company-Wide Borrowing |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | Issues 1 and 2 Redeemed During 2007 |  |  |  |  |  |  |  |
|  | Issues 3 and 4 Redeemed During 2008 |  |  |  |  |  |  |  |
|  | Issues 5 and 6 Redeemed During 2009 |  |  |  |  |  | (Note 16) |  |
| 1 | Issue 7 | 1,14 | 41.6 |  |  | 3/22/2010 | 6.60\% | 2.7 |
| 2 | Issue 8 | 2,14 | 136.1 |  |  | 9/22/2010 | 6.60\% | 9.0 |
| 3 | Issue 9 | 3,14 | 187.5 |  |  | 3/22/2011 | 6.65\% | 12.5 |
| 4 | Issue 10 | 4,14 | 187.5 |  |  | 9/22/2011 | 6.65\% | 12.5 |
| 5 | Issue 11 | 5 | 22.2 | 3/22/2005 |  | 3/22/2010 | 5.49\% | 1.2 |
| 6 | Issue 12 | 6 | 33.3 | 3/22/2005 |  | 3/22/2010 | 5.71\% | 1.9 |
| 7 | Issue 13 | 7 | 72.6 | 9/22/2005 |  | 9/22/2010 | 5.49\% | 4.0 |
| 8 | Issue 14 | 8 | 108.9 | 9/22/2005 |  | 9/22/2010 | 5.71\% | 6.2 |
| 9 | Issue 15 | 9 | 69.0 | 3/22/2005 |  | 3/22/2010 | 5.62\% | 3.9 |
| 10 | Issue 16 |  | 400.0 | 4/29/2005 |  | 4/30/2012 | 5.72\% | 22.9 |
| 11 | Issue 17 |  | 100.0 | 6/22/2007 | 10.0 | 6/22/2017 | 5.44\% | 5.4 |
| 12 | Issue 18 | 17 | 200.0 | 9/24/2007 | 10.0 | 9/22/2017 | 5.53\% | 11.1 |
| 13 | Issue 19 |  | 400.0 | 12/21/2007 | 9.8 | 9/22/2017 | 5.31\% | 21.2 |
| 14 | Issue 20 | 17 | 200.0 | 3/22/2008 | 10.0 | 3/22/2018 | 5.35\% | 10.7 |
| 15 | Issue 21 |  | 100.0 | 3/22/2009 | 10.0 | 3/22/2019 | 5.65\% | 5.7 |
| 16 | Issue 22 | 18 | 412.4 | 3/22/2010 | 10.0 | 3/22/2020 | 5.06\% | 20.9 |
| 17 | Issue 23 | 18 | 82.2 | 9/22/2010 | 10.0 | 9/22/2020 | 5.10\% | 4.2 |
| 18 | Total |  | 2,753.3 |  |  |  | 5.66\% | 155.9 |
|  |  |  |  |  |  |  |  |  |
|  | Regulated Portion of Company-Wide Borrowing |  |  |  |  |  |  |  |
| 19 | Allocation | 15 | 1,527.1 |  |  |  | 5.66\% | 86.4 |
|  |  |  |  |  |  |  |  |  |
|  | Project Financing--Regulated Projects |  |  |  |  |  |  |  |
| 20 | Niagara 1 |  | 160.0 | 10/22/2006 | 10.0 | 10/22/2016 | 5.23\% | 8.4 |
| 21 | Niagara 2 |  | 50.0 | 1/22/2007 | 10.0 | 1/22/2017 | 5.10\% | 2.5 |
| 22 | Niagara 3 |  | 30.0 | 4/23/2007 | 10.0 | 4/22/2017 | 5.09\% | 1.5 |
| 23 | Niagara 4 |  | 40.0 | 1/22/2008 | 10.0 | 1/22/2018 | 5.53\% | 2.2 |
| 24 | Niagara 5 |  | 30.0 | 4/22/2008 | 10.0 | 4/22/2018 | 5.90\% | 1.8 |
| 25 | Niagara 6 |  | 30.0 | 7/22/2008 | 10.0 | 7/22/2018 | 5.87\% | 1.8 |
| 26 | Niagara 7 |  | 30.0 | 1/22/2009 | 10.0 | 1/22/2019 | 8.41\% | 2.5 |
| 27 | Niagara 8 |  | 35.0 | 4/22/2009 | 10.0 | 4/22/2019 | 7.71\% | 2.7 |
| 28 | Niagara 9 |  | 35.0 | 7/22/2009 | 10.0 | 7/22/2019 | 6.41\% | 2.2 |
| 29 | Niagara 10 |  | 50.0 | 10/22/2009 | 10.0 | 10/22/2019 | 5.63\% | 2.8 |
| 30 | Niagara 11 | 10,18 | 47.0 | 1/22/2010 | 10.0 | 1/22/2020 | 5.60\% | 2.6 |
| 31 | Niagara 12 | 11,18 | 45.1 | 4/22/2010 | 10.0 | 4/22/2020 | 6.02\% | 2.7 |
| 32 | Niagara 13 | 12,18 | 15.5 | 7/22/2010 | 10.0 | 7/22/2020 | 5.71\% | 0.9 |
| 33 | Niagara 14 | 13,18 | 9.6 | 10/22/2010 | 10.0 | 10/22/2020 | 5.07\% | 0.5 |
| 34 | Total |  | 607.2 |  |  |  | 5.79\% | 35.2 |
|  |  |  |  |  |  |  |  |  |
|  | Total Regulated Funded Long-Term Debt |  |  |  |  |  |  |  |
| 35 | (line 19+34) |  | 2,134.3 |  |  |  | 5.70\% | 121.6 |
|  |  |  |  |  |  |  |  |  |

## See Ex. C1-T1-S2 Table 5a for notes

* For debt issues that are issued or mature during the year the face value is reduced to reflect only that portion of the year the debt issue is financing the rate base.

Table 5a
Capitalization and Cost of Capital
Summary of Existing and Planned Long-Term Debt (\$M)
Outstanding During Calendar Year Ending Dec. 31, 2010
Notes to Ex. C1, Tab 1, Sch. 2, Table 5

|  | Issue | Issue/Redemption <br> Date | Effective <br> Days | Weighted <br> Principal (\$M) |  |
| :--- | :--- | ---: | ---: | ---: | ---: |
| Note 1 | Issue 7 | $3 / 22 / 2010$ | 187.5 | 81.0 | 41.6 |
| Note 2 | Issue 8 | $9 / 22 / 2010$ | 187.5 | 265.0 | 136.1 |
| Note 3 | Issue 11 | $3 / 22 / 2010$ | 100.0 | 81.0 | 22.2 |
| Note 4 | Issue 12 | $3 / 22 / 2010$ | 150.0 | 81.0 | 33.3 |
| Note 5 | Issue 13 | $9 / 22 / 2010$ | 100.0 | 265.0 | 72.6 |
| Note 6 | Issue 14 | $9 / 22 / 2010$ | 150.0 | 265.0 | 108.9 |
| Note 7 | Issue 15 | $3 / 22 / 2010$ | 95.0 | 265.0 | 69.0 |
| Note 8 | Issue 22 | $3 / 22 / 2010$ | 530.0 | 284.0 | 412.4 |
| Note 9 | Issue 23 | $9 / 22 / 2010$ | 300.0 | 100.0 | 82.2 |
| Note 10 | Niagara 11 | $1 / 22 / 2010$ | 50.0 | 343.0 | 47.0 |
| Note 11 | Niagara 12 | $4 / 22 / 2010$ | 65.0 | 253.0 | 45.1 |
| Note 12 | Niagara 13 | $7 / 22 / 2010$ | 35.0 | 162.0 | 15.5 |
| Note 13 | Niagara 14 | $10 / 22 / 2010$ | 50.0 | 70.0 | 9.6 |

See Ex. C1-T1-S2 Table 10 for effective interest rate for Niagara issues 11-14.

Note 14 Issues 7, 8, 9 and 10 are subordinated debt issues.
Note 15 Allocation ratio for 2009 described in Ex. C1-T1-S2 Table 1.
Note 16 Includes related costs of issuance/redemption and the amortization of debt discount or premium.
Note 17 See Ex. C1-T1-S2 Table 9 for effective interest rate.
Note 18 Future issue rate reference global insight (December 2009) \& Interest Rate Hedges

| GOC \& OPG Spread |  | Swap Rate+106bps | Effective Rate |
| :--- | :---: | :---: | :---: |
|  | GOC Q1-10 | $3.80 \%$ | $\mathrm{n} / \mathrm{a}$ |
|  |  |  |  |
| OPG spread | $1.26 \%$ | $1.06 \%$ |  |
|  | $5.06 \%$ | $1.06 \%$ | $5.06 \%$ |
|  | 530.0 | 0.0 |  |

Issue 23

| GOC \& OPG Spread |  | Swap Rate+106bps | Effective Rate |
| :--- | :---: | :---: | :---: |
| GOC Q3-10 | $3.84 \%$ | $\mathrm{n} / \mathrm{a}$ |  |
| OPG Spread | $1.26 \%$ | $1.06 \%$ |  |
|  | $5.10 \%$ | $1.06 \%$ | $5.10 \%$ |
|  | 300.0 | 0.0 |  |

Niagara 11

| GOC \& OPG Spread |  | Swap Rate+106bps | Effective Rate |
| :--- | :---: | :---: | :---: |
| GOC Q1-10 | $3.80 \%$ | $4.54 \%$ |  |
| OPG spread | $1.26 \%$ | $1.06 \%$ |  |
|  | $5.06 \%$ | $5.60 \%$ | $5.60 \%$ |
|  | 0.0 | 50.0 |  |

Niagara 12

Niagara 13

| GOC \& OPG Spread |  | Swap Rate+106bps | Effective Rate |
| :--- | :---: | :---: | :---: |
| GOC Q2-10 | $3.83 \%$ | $4.96 \%$ |  |
| OPG Spread | $1.26 \%$ | $1.06 \%$ |  |
|  | $5.09 \%$ | $6.02 \%$ | $6.02 \%$ |
|  | 0.0 | 65.0 |  |


| GOC \& OPG Spread |  | Swap Rate+106bps | Effective Rate |
| :--- | :---: | :---: | :---: |
| GOC Q3-10 | $3.84 \%$ | $4.90 \%$ |  |
| OPG Spread | $1.26 \%$ | $1.06 \%$ |  |
|  | $5.10 \%$ | $5.96 \%$ | $5.71 \%$ |
|  | 10.0 | 25.0 |  |

Niagara 14

| GOC \& OPG Spread |  | Swap Rate+106bps | Effective Rate |
| :--- | :---: | :---: | :---: |
| GOC Q4-10 | $3.87 \%$ | $3.99 \%$ |  |
| OPG Spread | $1.26 \%$ | $1.06 \%$ |  |
|  | $5.13 \%$ | $5.05 \%$ | $5.07 \%$ |
|  | 10.0 | 40.0 |  |

Tab 1
Schedule 2
Table 6
Table 6
Capitalization and Cost of Capital
Summary of Existing and Planned Long-Term Debt (\$M)
Outstanding During Calendar Year Ending Dec. 31, 2011

| Line No. | Issue | Note | Weighted Principal* (\$M) | Issue Date | Duration (years) | Maturity Date | Coupon <br> Rate (\%) | Annual Cost (\$M) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | (a) | (b) | (c) | (d) | (e) | (f) |
|  |  |  |  |  |  |  |  |  |
|  | Company-Wide Borrowing |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | Issues 1 and 2 Redeemed During 2007 |  |  |  |  |  |  |  |
|  | Issues 3 and 4 Redeemed During 2008 |  |  |  |  |  |  |  |
|  | Issues 5 and 6 Redeemed During 2009 |  |  |  |  |  |  |  |
|  | Issues 7, 8, 11, 12, 13, 14, 15 Redeemed During 2010 |  |  |  |  |  | (Note 10) |  |
| 1 | Issue 9 | 1 | 41.6 |  |  | 3/22/2011 | 6.65\% | 2.8 |
| 2 | Issue 10 | 2 | 136.1 |  |  | 9/22/2011 | 6.65\% | 9.1 |
| 8 | Issue 16 |  | 400.0 | 4/29/2005 |  | 4/30/2012 | 5.72\% | 22.9 |
| 9 | Issue 17 |  | 100.0 | 6/22/2007 | 10.0 | 6/22/2017 | 5.44\% | 5.4 |
| 10 | Issue 18 | 11 | 200.0 | 9/24/2007 | 10.0 | 9/22/2017 | 5.53\% | 11.1 |
| 11 | Issue 19 |  | 400.0 | 12/21/2007 | 9.8 | 9/22/2017 | 5.31\% | 21.2 |
| 12 | Issue 20 | 11 | 200.0 | 3/22/2008 | 10.0 | 3/22/2018 | 5.35\% | 10.7 |
| 13 | Issue 21 |  | 100.0 | 3/22/2009 | 10.0 | 3/22/2019 | 5.65\% | 5.7 |
| 14 | Issue 22 |  | 530.0 | 3/22/2010 | 10.0 | 3/22/2020 | 5.06\% | 26.8 |
| 15 | Issue 23 |  | 300.0 | 9/22/2010 | 10.0 | 9/22/2020 | 5.10\% | 15.3 |
| 16 | Issue 24 | 3,12 | 116.7 | 3/22/2011 | 10.0 | 3/22/2021 | 5.20\% | 6.1 |
| 17 | Issue 25 | 4,12 | 41.1 | 9/22/2011 | 10.0 | 9/22/2021 | 5.45\% | 2.2 |
| 18 | Total |  | 2,565.5 |  |  |  | 5.43\% | 139.2 |
|  |  |  |  |  |  |  |  |  |
|  | Regulated Portion of Company-Wide Borrowing |  |  |  |  |  |  |  |
| 19 | Allocation | 9 | 1,423.0 |  |  |  | 5.43\% | 77.3 |
|  |  |  |  |  |  |  |  |  |
|  | Project Financing - Regulated Projects |  |  |  |  |  |  |  |
| 20 | Niagara 1 |  | 160.0 | 10/22/2006 | 10.0 | 10/22/2016 | 5.23\% | 8.4 |
| 21 | Niagara 2 |  | 50.0 | 1/22/2007 | 10.0 | 1/22/2017 | 5.10\% | 2.5 |
| 22 | Niagara 3 |  | 30.0 | 4/23/2007 | 10.0 | 4/22/2017 | 5.09\% | 1.5 |
| 23 | Niagara 4 |  | 40.0 | 1/22/2008 | 10.0 | 1/22/2018 | 5.53\% | 2.2 |
| 24 | Niagara 5 |  | 30.0 | 4/22/2008 | 10.0 | 4/22/2018 | 5.90\% | 1.8 |
| 25 | Niagara 6 |  | 30.0 | 7/22/2008 | 10.0 | 7/22/2018 | 5.87\% | 1.8 |
| 26 | Niagara 7 |  | 30.0 | 1/22/2009 | 10.0 | 1/22/2019 | 8.41\% | 2.5 |
| 27 | Niagara 8 |  | 35.0 | 4/22/2009 | 10.0 | 4/22/2019 | 7.71\% | 2.7 |
| 28 | Niagara 9 |  | 35.0 | 7/22/2009 | 10.0 | 7/22/2019 | 6.41\% | 2.2 |
| 29 | Niagara 10 |  | 50.0 | 10/22/2009 | 10.0 | 10/22/2019 | 5.63\% | 2.8 |
| 30 | Niagara 11 |  | 50.0 | 1/22/2010 | 10.0 | 1/22/2020 | 5.60\% | 2.8 |
| 31 | Niagara 12 |  | 65.0 | 4/22/2010 | 10.0 | 4/22/2020 | 6.02\% | 3.9 |
| 32 | Niagara 13 |  | 35.0 | 7/22/2010 | 10.0 | 7/22/2020 | 5.71\% | 2.0 |
| 33 | Niagara 14 |  | 50.0 | 10/22/2010 | 10.0 | 10/22/2020 | 5.07\% | 2.5 |
| 34 | Niagara 15 | 5,12 | 70.5 | 1/22/2011 | 10.0 | 1/22/2021 | 5.28\% | 3.7 |
| 35 | Niagara 16 | 6,12 | 52.0 | 4/22/2011 | 10.0 | 4/22/2021 | 5.39\% | 2.8 |
| 36 | Niagara 17 | 7,12 | 33.3 | 7/22/2011 | 10.0 | 7/22/2021 | 5.54\% | 1.8 |
| 37 | Niagara 18 | 8,12 | 14.4 | 10/22/2011 | 10.0 | 10/22/2021 | 5.63\% | 0.8 |
| 38 | Total |  | 860.1 |  |  |  | 5.68\% | 48.9 |
|  |  |  |  |  |  |  |  |  |
|  | Total Regulated Funded Long-Term Debt |  |  |  |  |  |  |  |
| 39 | (line 19+38) |  | 2,283.1 |  |  |  | 5.53\% | 126.2 |
|  |  |  |  |  |  |  |  |  |

## See Ex. C1-T1-S2 Table 6a for notes

* For debt issues that are issued or mature during the year the face value is reduced to reflect only that
portion of the year the debt issue is financing the rate base.

Table 6a
Capitalization and Cost of Capital
Summary of Existing and Planned Long-Term Debt (\$M) Outstanding During Calendar Year Ending Dec. 31, 2011

Notes to Ex. C1, Tab 1, Sch. 2, Table 6

| Also see notes on Ex. C1-T2-S2 Table 5b |  | Issue/Redemption |  | Effective Days | Weighted Principal (\$M) |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Date | Face Value (\$M) |  |  |
| Note 1 | Issue 9: | 3/22/2011 | 187.5 | 81.0 | 41.6 |
| Note 2 | Issue 10: | 9/22/2011 | 187.5 | 265.0 | 136.1 |
| Note 3 | Issue 24 | 3/22/2011 | 150.0 | 284.0 | 116.7 |
| Note 4 | Issue 25 | 9/22/2011 | 150.0 | 100.0 | 41.1 |
| Note 5 | Niagara 15 | 1/22/2011 | 75.0 | 343.0 | 70.5 |
| Note 6 | Niagara 16 | 4/22/2011 | 75.0 | 253.0 | 52.0 |
| Note 7 | Niagara 17 | 7/22/2011 | 75.0 | 162.0 | 33.3 |
| Note 8 | Niagara 18 | 10/22/2011 | 75.0 | 70.0 | 14.4 |
| See Ex. C1-T1-S2 Table 10 for effective interest rate for Niagara issues 15-18. |  |  |  |  |  |

Note 9 Allocation ratio for 2009 described in Ex. C1-T1-S2 Table 1.
Note 10 Includes related costs of issuance/redemption and the amortization of debt discount or premium.
Note 11 See Ex. C1-T1-S2 Table 9 for effective interest rate.
Note 12 Future issue rate reference global insight (December 2009) \& Interest Rate Hedges Issue 24

| GOC \& OPG Spread |  | Swap Rate+106bps | Effective Rate |
| :--- | :---: | :---: | :---: |
| GOC Q1-11 | $3.94 \%$ | n/a |  |
| OPG spread | $1.26 \%$ | $1.06 \%$ |  |
|  | $5.20 \%$ | $1.06 \%$ | $5.20 \%$ |
|  | 150.0 | 0.0 |  |

Issue 25

| GOC \& OPG Spread |  | Swap Rate+106bps | Effective Rate |
| :--- | :---: | :---: | :---: |
| GOC Q3-11 | $4.19 \%$ | n/a |  |
| OPG spread | $1.26 \%$ | $1.06 \%$ |  |
|  | $5.45 \%$ | $1.06 \%$ | $5.45 \%$ |
|  | 150.0 | 0.0 |  |

Niagara 15

| GOC \& OPG Spread |  | Swap Rate+106bps | Effective Rate |
| :--- | :---: | :---: | :---: |
| GOC Q1-11 | $3.94 \%$ | $4.29 \%$ |  |
| OPG spread | $1.26 \%$ | $1.06 \%$ |  |
|  | $5.20 \%$ | $5.35 \%$ | $5.28 \%$ |
|  | 35.0 | 40.0 |  |

Niagara 16

| GOC \& OPG Spread |  | Swap Rate+106bps | Effective Rate |
| :--- | :---: | :---: | :---: |
| GOC Q2-11 | $4.08 \%$ | $4.40 \%$ |  |
| OPG Spread | $1.26 \%$ | $1.06 \%$ |  |
|  | $5.34 \%$ | $5.46 \%$ | $5.39 \%$ |
|  | 40.0 | 35.0 |  |

Niagara 17

| GOC \& OPG Spread |  | Swap Rate+106bps | Effective Rate |
| :--- | :---: | :---: | :---: |
| GOC Q3-11 | $4.19 \%$ | $4.53 \%$ |  |
| OPG Spread | $1.26 \%$ | $1.06 \%$ |  |
|  | $5.45 \%$ | $5.59 \%$ | $5.54 \%$ |
|  | 25.0 | 50.0 |  |

Niagara 18

| GOC \& OPG Spread |  | Swap Rate+106bps | Effective Rate |
| :--- | :---: | :---: | :---: |
| GOC Q4-11 | $4.38 \%$ | $4.56 \%$ |  |
| OPG Spread | $1.26 \%$ | $1.06 \%$ |  |
|  | $5.64 \%$ | $5.62 \%$ | $5.63 \%$ |
|  | 15.0 | 60.0 |  |

Table 7
Capitalization and Cost of Capital
Summary of Existing and Planned Long-Term Debt (\$M) Outstanding During Calendar Year Ending Dec. 31, 2012

| Line No. | Issue | Note | Weighted <br> Principal* (\$M) | Issue <br> Date | Duration (years) | Maturity Date | Coupon <br> Rate (\%) | $\begin{gathered} \text { Annual } \\ \text { Cost (\$M) } \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | (a) | (b) | (c) | (d) | (e) | (f) |
|  |  |  |  |  |  |  |  |  |
|  | Company-Wide Borrowing |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | Issues 1 and 2 Redeemed During 2007 |  |  |  |  |  |  |  |
|  | Issues 3 and 4 Redeemed During 2008 |  |  |  |  |  |  |  |
|  | Issues 5 and 6 Redeemed During 2009 |  |  |  |  |  |  |  |
|  | Issues 7, 8, 11, 12, 13, 14, 15 Redeemed During 2010 |  |  |  |  |  |  |  |
|  | Issues 9 and 10 Redeemed During 2011 |  |  |  |  |  | (Note 9) |  |
| 6 | Issue 16 | 1 | 132.6 | 4/29/2005 |  | 4/30/2012 | 5.72\% | 7.6 |
| 7 | Issue 17 |  | 100.0 | 6/22/2007 |  | 6/22/2017 | 5.44\% | 5.4 |
| 8 | Issue 18 | 10 | 200.0 | 9/24/2007 |  | 9/22/2017 | 5.53\% | 11.1 |
| 9 | Issue 19 |  | 400.0 | 12/21/2007 |  | 9/22/2017 | 5.31\% | 21.2 |
| 10 | Issue 20 | 10 | 200.0 | 3/22/2008 |  | 3/22/2018 | 5.35\% | 10.7 |
| 11 | Issue 21 |  | 100.0 | 3/22/2009 |  | 3/22/2019 | 5.65\% | 5.7 |
| 12 | Issue 22 |  | 530.0 | 3/22/2010 |  | 3/22/2020 | 5.06\% | 26.8 |
| 13 | Issue 23 |  | 300.0 | 9/22/2010 |  | 9/22/2020 | 5.10\% | 15.3 |
| 14 | Issue 24 |  | 150.0 | 3/22/2011 |  | 3/22/2021 | 5.20\% | 7.8 |
| 15 | Issue 25 |  | 150.0 | 9/22/2011 |  | 9/22/2021 | 5.45\% | 8.2 |
| 16 | Issue 26 | 2,11 | 116.7 | 3/22/2012 | 10.0 | 3/22/2022 | 5.94\% | 6.9 |
| 17 | Issue 27 | 3,11 | 41.1 | 9/22/2012 | 10.0 | 9/22/2022 | 5.94\% | 2.4 |
| 18 | Total |  | 2,420.4 |  |  |  | 5.34\% | 129.2 |
|  |  |  |  |  |  |  |  |  |
|  | Regulated Portion of Company-Wide Borrowing |  |  |  |  |  |  |  |
| 19 | Allocation | 8 | 1,342.5 |  |  |  | 5.34\% | 71.7 |
|  |  |  |  |  |  |  |  |  |
|  | Project Financing - Regulated Projects |  |  |  |  |  |  |  |
| 20 | Niagara 1 |  | 160.0 | 10/22/2006 |  | 10/22/2016 | 5.23\% | 8.4 |
| 21 | Niagara 2 |  | 50.0 | 1/22/2007 |  | 1/22/2017 | 5.10\% | 2.5 |
| 22 | Niagara 3 |  | 30.0 | 4/23/2007 |  | 4/22/2017 | 5.09\% | 1.5 |
| 23 | Niagara 4 |  | 40.0 | 1/22/2008 |  | 1/22/2018 | 5.53\% | 2.2 |
| 24 | Niagara 5 |  | 30.0 | 4/22/2008 |  | 4/22/2018 | 5.90\% | 1.8 |
| 25 | Niagara 6 |  | 30.0 | 7/22/2008 |  | 7/22/2018 | 5.87\% | 1.8 |
| 26 | Niagara 7 |  | 30.0 | 1/22/2009 |  | 1/22/2019 | 8.41\% | 2.5 |
| 27 | Niagara 8 |  | 35.0 | 4/22/2009 |  | 4/22/2019 | 7.71\% | 2.7 |
| 28 | Niagara 9 |  | 35.0 | 7/22/2009 |  | 7/22/2019 | 6.41\% | 2.2 |
| 29 | Niagara 10 |  | 50.0 | 10/22/2009 |  | 10/22/2019 | 5.63\% | 2.8 |
| 30 | Niagara 11 |  | 50.0 | 1/22/2010 |  | 1/22/2020 | 5.60\% | 2.8 |
| 31 | Niagara 12 |  | 65.0 | 4/22/2010 |  | 4/22/2020 | 6.02\% | 3.9 |
| 32 | Niagara 13 |  | 35.0 | 7/22/2010 |  | 7/22/2020 | 5.71\% | 2.0 |
| 33 | Niagara 14 |  | 50.0 | 10/22/2010 |  | 10/22/2020 | 5.07\% | 2.5 |
| 34 | Niagara 15 |  | 75.0 | 1/22/2011 |  | 1/22/2021 | 5.28\% | 4.0 |
| 35 | Niagara 16 |  | 75.0 | 4/22/2011 |  | 4/22/2021 | 5.39\% | 4.0 |
| 36 | Niagara 17 |  | 75.0 | 7/22/2011 |  | 7/22/2021 | 5.54\% | 4.2 |
| 37 | Niagara 18 |  | 75.0 | 10/22/2011 |  | 10/22/2021 | 5.63\% | 4.2 |
| 38 | Niagara 19 | 4,11 | 70.7 | 1/22/2012 |  | 1/22/2022 | 5.73\% | 4.0 |
| 39 | Niagara 20 | 5,11 | 52.0 | 4/22/2012 |  | 4/22/2022 | 5.80\% | 3.0 |
| 40 | Niagara 21 | 6,11 | 33.3 | 7/22/2012 |  | 7/22/2022 | 5.85\% | 1.9 |
| 41 | Niagara 22 | 7,11 | 14.4 | 10/22/2012 |  | 10/22/2022 | 5.93\% | 0.9 |
| 42 | Total |  | 1,160.3 |  |  |  | 5.68\% | 66.0 |
|  |  |  |  |  |  |  |  |  |
|  | Total Regulated Funded Long-Term Debt |  |  |  |  |  |  |  |
| 43 | (line 19+42) |  | 2,502.8 |  |  |  | 5.50\% | 137.6 |
|  |  |  |  |  |  |  |  |  |

[^0]* For debt issues that are issued or mature during the year the face value is reduced to reflect only that portion of the year the debt issue is financing the rate base.

Table 7a
Capitalization and Cost of Capital
Summary of Existing and Planned Long-Term Debt (\$M) Outstanding During Calendar Year Ending Dec. 31, 2012 Notes to Ex. C1, Tab 1, Sch. 2, Table 7

|  |  | Issue/Redemption <br> Date | Face Value (\$M) | Effective Days | Weighted <br> Principal (\$M) |
| :--- | :--- | ---: | ---: | ---: | ---: |
| Note 1 | Issue 16 | $4 / 30 / 2012$ | 400.0 | 121.0 | 132.6 |
| Note 2 | Issue 26 | $3 / 22 / 2012$ | 150.0 | 284.0 | 116.7 |
| Note 3 | Issue 27 | $9 / 22 / 2012$ | 150.0 | 100.0 | 41.1 |
| Note 4 | Niagara 19 | $1 / 22 / 2012$ | 75.0 | 344.0 | 70.7 |
| Note 5 | Niagara 20 | $4 / 22 / 2012$ | 75.0 | 253.0 | 52.0 |
| Note 6 | Niagara 21 | $7 / 22 / 2012$ | 75.0 | 162.0 | 33.3 |
| Note 7 | Niagara 22 | $10 / 22 / 2012$ | 75.0 | 70.0 | 14.4 |

Note 8 Allocation ratio for 2009 described in Ex. C1-T1-S2 Table 1.
Note 9 Includes related costs of issuance/redemption and the amortization of debt discount or premium.
Note 10 See Ex. C1-T1-S2 Table 9 for effective interest rate.
Note 11 Future issue rate reference global insight (December 2009) \& Interest Rate Hedges.

| Issue 26 | GOC \& OPG Spread |  |  |  |  | Swap Rate+106bps | Effective Rate |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | GOC 2012 | $4.68 \%$ | n/a |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  | OPG spread | $1.26 \%$ | $1.06 \%$ |  |  |  |  |
|  |  |  |  |  |  |  |  |
| $5.94 \%$ | $1.06 \%$ | $5.94 \%$ |  |  |  |  |
|  | 150.0 | 0.0 |  |  |  |  |  |

Issue 27

| GOC \& OPG Spread |  | Swap Rate+106bps | Effective Rate |
| :--- | :---: | :---: | :---: |
| GOC 2012 | $4.68 \%$ | n/a |  |
| OPG Spread | $1.26 \%$ | $1.06 \%$ |  |
|  | $5.94 \%$ | $1.06 \%$ | $5.94 \%$ |
|  | 150.0 | 0.0 |  |

Niagara 19

| GOC \& OPG Spread |  | Swap Rate+106bps | Effective Rate |
| :--- | :---: | :---: | :---: |
| GOC 2012 | $4.68 \%$ | $4.48 \%$ |  |
| OPG spread | $1.26 \%$ | $1.06 \%$ |  |
|  | $5.94 \%$ | $5.54 \%$ | $5.73 \%$ |
|  | 35.0 | 40.0 |  |

Niagara 20

| GOC \& OPG Spread |  | Swap Rate+106bps | Effective Rate |
| :--- | :---: | :---: | :---: |
| GOC 2012 | $4.68 \%$ | $4.58 \%$ |  |
| OPG Spread | $1.26 \%$ | $1.06 \%$ |  |
|  | $5.94 \%$ | $5.64 \%$ | $5.80 \%$ |
|  | 40.0 | 35.0 |  |

Niagara 21

| GOC \& OPG Spread |  | Swap Rate+106bps | Effective Rate |
| :--- | :---: | :---: | :---: |
| GOC 2012 | $4.68 \%$ | $4.72 \%$ |  |
| OPG Spread | $1.26 \%$ | $1.06 \%$ |  |
|  | $5.94 \%$ | $5.78 \%$ | $5.85 \%$ |
|  | 30.0 | 45.0 |  |

Niagara 22

| GOC \& OPG Spread |  | Swap Rate+106bps | Effective Rate |
| :--- | :---: | :---: | :---: |
| GOC 2012 | $4.68 \%$ | $4.86 \%$ |  |
| OPG Spread | $1.26 \%$ | $1.06 \%$ |  |
|  | $5.94 \%$ | $5.92 \%$ | $5.93 \%$ |
|  | 45.0 | 30.0 |  |

Table 8
Capitalization and Cost of Capital
Hedging Activity - Interest Rate Swap Agreements - Niagara Tunnel Project
Existing Debt Issues up to December 31, 2009

| Line <br> No. | Year | Deal | Amount (\$) | Fixed Rate (\%) | Deal <br> Date | Underlying Bond FV (\$) | Underlying Bond Issue Date ${ }^{1}$ | Underlying Bond Maturity | Underlying Bond Rate | Impact <br> (\$) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) |
| 1 | 2006 | 67631 | 25,000,000 | 4.986\% | Jul 12, 06 |  |  |  |  | $(716,160)$ |
| 2 |  | 67632 | 25,000,000 | 4.985\% | Jul 12, 06 |  |  |  |  | $(704,442)$ |
| 3 |  | 67633 | 25,000,000 | 4.980\% | Jul 12, 06 |  |  |  |  | $(679,000)$ |
| 4 |  | 67634 | 25,000,000 | 4.980\% | Jul 12, 06 |  |  |  |  | $(688,000)$ |
| 5 |  | 67635 | 25,000,000 | 4.980\% | Jul 12, 06 |  |  |  |  | $(686,692)$ |
| 6 |  | 67636 | 15,000,000 | 4.919\% | Jul 24, 06 |  |  |  |  | $(349,970)$ |
| 7 |  |  | 140,000,000 | 4.975\% |  | 160,000,000 | 10/23/2006 | 10/22/2016 | 4.99\% | $(3,824,264)$ |
|  |  | Effective Rate ${ }^{2}$ |  |  |  |  |  |  | 5.23\% |  |
| 8 | 2007 | 67637 | 30,000,000 | 4.663\% | Nov 08, 05 |  |  |  |  | $(374,920)$ |
| 9 |  | 67638 | 15,000,000 | 5.035\% | Jul 13, 06 |  |  |  |  | $(635,193)$ |
| 10 |  |  | 45,000,000 | 4.787\% |  | 50,000,000 | 1/22/2007 | 1/23/2017 | 4.89\% | (1,010,113) |
| 11 |  | Effective Rate ${ }^{2}$ |  |  |  |  |  |  | 5.10\% |  |
| 12 |  | 70594 | 20,000,000 | 4.680\% | Nov 08, 05 |  |  |  |  | $(60,000)$ |
| 13 |  | 70595 | 10,000,000 | 5.010\% | Jul 21, 06 |  |  |  |  | $(292,700)$ |
| 14 |  |  | 30,000,000 | 4.790\% |  | 30,000,000 | 4/23/2007 | 4/24/2017 | 4.97\% | $(352,700)$ |
|  |  | Effective Rate ${ }^{2}$ |  |  |  |  |  |  | 5.09\% |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 22 | 2008 | 50931 | 25,000,000 | 4.749\% | Nov 15, 05 |  |  |  |  | $(688,741)$ |
| 23 |  | 60496 | 10,000,000 | 5.037\% | Jul 27, 06 |  |  |  |  | $(555,960)$ |
| 24 |  |  | 35,000,000 | 4.831\% |  | 40,000,000 | 1/22/2008 | 1/22/2018 | 5.22\% | (1,244,701) |
| 25 |  | Effective Rate |  |  |  |  |  |  | 5.53\% |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 26 |  | 50930 | 25,000,000 | 4.780\% | Nov 15, 05 |  |  |  |  | $(1,083,000)$ |
| 27 |  | 60284 | 5,000,000 | 5.090\% | Jul 24, 06 |  |  |  |  | $(345,500)$ |
| 28 |  |  | 30,000,000 | 4.832\% |  | 30,000,000 | 4/22/2008 | 4/22/2018 | 5.42\% | $(1,428,500)$ |
| 29 |  | Effective Rate |  |  |  |  |  |  | 5.90\% |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 30 |  | 51231 | 25,000,000 | 4.680\% | Nov 22, 05 |  |  |  |  | $(780,000)$ |
| 31 |  | 60285 | 5,000,000 | 5.120\% | Jul 24, 06 |  |  |  |  | $(342,000)$ |
| 32 |  |  | 30,000,000 | 4.753\% |  | 30,000,000 | 7/22/2008 | 7/22/2018 | 5.50\% | (1,122,000) |
| 33 |  | Effective Rate |  |  |  |  |  |  | 5.87\% |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 37 | 2009 | 51227 | 25,000,000 | 4.747\% | Nov 22, 05 |  |  |  |  | $(5,387,000)$ |
| 38 |  | 60132 | 5,000,000 | 5.240\% | Jul 19, 06 |  |  |  |  | (1,301,000) |
| 39 |  |  | 30,000,000 | 4.829\% |  | 30,000,000 | 1/22/2009 | 1/22/2019 | 6.18\% | $(6,688,000)$ |
| 40 |  | Effective Rate |  |  |  |  |  |  | 8.41\% |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 41 |  | 50574 | 25,000,000 | 4.973\% | Nov 04, 05 |  |  |  |  | $(4,940,000)$ |
| 42 |  | 59751 | 10,000,000 | 5.360\% | Jul 07, 06 |  |  |  |  | $(2,330,000)$ |
| 43 |  |  | 35,000,000 | 5.084\% |  | 35,000,000 | 4/22/2009 | 4/22/2019 | 5.64\% | $(7,270,000)$ |
| 44 |  | Effective Rate |  |  |  |  |  |  | 7.71\% |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 45 |  | 51233 | 25,000,000 | 4.790\% | Nov 22, 05 |  |  |  |  | (2,755,000) |
| 46 |  | 60130 | 10,000,000 | 5.290\% | Jul 19, 06 |  |  |  |  | $(1,536,000)$ |
| 47 |  |  | 35,000,000 | 4.933\% |  | 35,000,000 | 7/22/2009 | 7/22/2019 | 5.18\% | $(4,291,000)$ |
| 48 |  | Effective Rate |  |  |  |  |  |  | 6.41\% |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 49 |  | 51230 | 30,000,000 | 4.825\% | Nov 22, 05 |  |  |  |  | $(3,150,000)$ |
| 50 |  | 60232 | 5,000,000 | 5.233\% | Jul 21, 06 |  |  |  |  | $(704,000)$ |
| 51 |  |  | 35,000,000 | 4.883\% |  | 50,000,000 | 10/22/2009 | 10/22/2019 | 4.86\% | (3,854,000) |
| 52 |  | Effective Rate |  |  |  |  |  |  | 5.63\% |  |
| 53 | Total |  | 445,000,000 | 4.896\% |  | 490,000,000 |  |  | 5.17\% | $(31,085,278)$ |
| 54 | Effective Rate |  |  |  |  |  |  |  | 5.81\% |  |

[^1]Table 9
Capitalization and Cost of Capital
Hedging Activity - Interest Rate Swap Agreements - Non Project Related
Existing Debt Issues up to December 31, 2009

| Line No. | Year | Deal | Amount (\$) | Fixed Rate (\%) | Deal <br> Date | Underlying Bond FV (\$) | Underlying Bond Issue Date ${ }^{1}$ | Underlying Bond Maturity | Underlying Bond Rate | Impact <br> (\$) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | (a) | (b) | (c) | (d) | (e) | (f) | (g) | (h) | (i) |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 1 | 2007 | 70234 | \$25,000,000 | 4.659\% | Apr 23, 07 |  |  |  |  | 458,250 |
| 2 |  | 70597 | \$25,000,000 | 4.650\% | Apr 30, 07 |  |  |  |  | 475,800 |
| 3 |  | 71316 | \$25,000,000 | 4.875\% | May 24, 07 |  |  |  |  | 37,050 |
| 4 |  | 72051 | \$25,000,000 | 5.265\% | Jun 13, 07 |  |  |  |  | $(723,450)$ |
| 5 |  |  | 100,000,000 | 4.862\% |  | 200,000,000 | 9/24/2007 | 9/22/2017 | 5.546\% | 247,650 |
| 6 |  | Effective Rate ${ }^{2}$ |  |  |  |  |  |  | 5.534\% |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 7 | 2008 | 70458 | 25,000,000 | 4.650\% | Apr 25, 07 |  |  |  |  | $(970,000)$ |
| 8 |  | 70789 | 25,000,000 | 4.700\% | May 07, 07 |  |  |  |  | $(1,065,000)$ |
| 9 |  | 70916 | 25,000,000 | 4.690\% | May 11, 07 |  |  |  |  | $(974,000)$ |
| 10 |  | 71940 | 25,000,000 | 5.243\% | Jun 08, 07 |  |  |  |  | $(2,165,019)$ |
| 11 |  |  | 100,000,000 | 4.821\% |  | 200,000,000 | 3/24/2008 | 3/22/2018 | 5.090\% | $(5,174,019)$ |
| 12 |  | Effective Rate |  |  |  |  |  |  | 5.349\% |  |
|  |  |  |  |  |  |  |  |  |  |  |
| 13 | Total |  | 200,000,000 | 4.842\% |  | 400,000,000 |  |  | 5.32\% | (4,926,369) |
| 14 | Effective Rate |  |  |  |  |  |  |  | 5.44\% |  |
|  |  |  |  |  |  |  |  |  |  |  |

Notes:
1 The underlying bond issue date also corresponds to the maturity of the swap deals.
2 The Effective rate = underlying bond rate + \$impact of the hedge settlement/ 10 years/ the notional value of the bond $=\mathrm{h}+((\mathrm{i}) / 10 /(\mathrm{e}))$.

Table 10
Capitalization and Cost of Capita
Hedging Activity - Interest Rate Swap Agreements - Niagara Tunnel Project
Planned Debt Issues after December 31, 2009

| Line No. | Year | Deal | Face Value | $\begin{gathered} \hline \text { Mark-to-Market } \\ (12 / 31 / 09) \\ \hline \end{gathered}$ | Fixed Rate (\%) | Deal Date | Start Date | Maturity Date |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | (a) | (b) | (c) | (d) | (e) | (f) | (g) |
|  |  |  |  |  |  |  |  |  |
| 1 | 2010 | 51311 | \$20,000,000 | (\$1,182,666) | 4.790\% | Nov 24, 05 | Jan 22, 10 | Jan 22, 20 |
| 2 |  | 60113 | \$10,000,000 | (\$1,049,746) | 5.330\% | Jul 19, 06 | Jan 22, 10 | Jan 22, 20 |
| 3 |  | 106426 | \$20,000,000 | \$0 | 3.905\% | Jan 04, 10 | Jan 22, 10 | Jan 22, 20 |
| 4 |  |  | \$50,000,000 | (\$2,232,412) | 4.544\% |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 5 |  | 51490 | \$25,000,000 | (\$1,481,556) | 4.875\% | Nov 29, 05 | Apr 22, 10 | Apr 22, 20 |
| 6 |  | 51776 | \$15,000,000 | (\$914,143) | 4.895\% | Dec 06, 05 | Apr 22, 10 | Apr 22, 20 |
| 7 |  | 51777 | \$15,000,000 | (\$914,143) | 4.895\% | Dec 06, 05 | Apr 22, 10 | Apr 22, 20 |
| 8 |  | 60123 | \$10,000,000 | (\$991,775) | 5.350\% | Jul 19, 06 | Apr 22, 10 | Apr 22, 20 |
| 9 |  |  | \$65,000,000 | (\$4,301,618) | 4.957\% |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 10 |  | 52078 | \$25,000,000 | (\$1,132,860) | 4.898\% | Dec 14, 05 | Jul 22, 10 | Jul 22, 20 |
| 11 |  |  | \$25,000,000 | (\$1,132,860) | 4.898\% |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 12 |  | 104955 | \$25,000,000 | \$1,037,283 | 3.910\% | Nov 25, 09 | Oct 22, 10 | Oct 22, 20 |
| 13 |  | 105646 | \$15,000,000 | \$359,512 | 4.123\% | Dec 15, 09 | Oct 22, 10 | Oct 22, 20 |
| 14 |  |  | \$40,000,000 | \$1,396,795 | 3.990\% |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 15 | 2011 | 104331 | \$25,000,000 | \$479,786 | 4.310\% | Nov 12, 09 | Jan 24, 11 | Jan 22, 21 |
| 16 |  | 105643 | \$15,000,000 | \$348,853 | 4.260\% | Dec 15, 09 | Jan 24, 11 | Jan 22, 21 |
| 17 |  |  | \$40,000,000 | \$828,639 | 4.291\% |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 18 |  | 104393 | \$25,000,000 | \$419,349 | 4.408\% | Nov 13, 09 | Apr 26, 11 | Apr 22, 21 |
| 19 |  | 105644 | \$10,000,000 | \$202,329 | 4.365\% | Dec 15, 09 | Apr 26, 11 | Apr 22, 21 |
| 20 |  |  | \$35,000,000 | \$621,678 | 4.396\% |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 21 |  | 104454 | \$25,000,000 | \$681,595 | 4.400\% | Nov 16, 09 | Jul 22, 11 | Jul 22, 21 |
| 22 |  | 106427 | \$25,000,000 | \$0 | 4.650\% | Jan 04, 10 | Jul 22, 11 | Jul 22, 21 |
| 23 |  |  | \$50,000,000 | \$681,595 | 4.525\% |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 24 |  | 104508 | \$25,000,000 | \$739,727 | 4.420\% | Nov 17, 09 | Oct 24, 11 | Oct 22, 21 |
| 25 |  | 105696 | \$15,000,000 | \$290,548 | 4.550\% | Dec 16, 09 | Oct 24, 11 | Oct 22, 21 |
| 26 |  | 105876 | \$20,000,000 | \$69,814 | 4.752\% | Dec 22, 09 | Oct 24, 11 | Oct 22, 21 |
| 27 |  |  | \$60,000,000 | \$1,100,089 | 4.563\% |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 28 | 2012 | 104659 | \$25,000,000 | \$738,302 | 4.500\% | Nov 20, 09 | Jan 23, 12 | Jan 24, 22 |
| 29 |  | 105410 | \$15,000,000 | \$501,224 | 4.450\% | Dec 08, 09 | Jan 23, 12 | Jan 24, 22 |
| 30 |  |  | \$40,000,000 | \$1,239,526 | 4.481\% |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 31 |  | 104763 | \$25,000,000 | \$778,418 | 4.530\% | Nov 24, 09 | Apr 23, 12 | Apr 22, 22 |
| 32 |  | 105697 | \$10,000,000 | \$180,888 | 4.700\% | Dec 16, 09 | Apr 23, 12 | Apr 22, 22 |
| 33 |  |  | \$35,000,000 | \$959,306 | 4.579\% |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 34 |  | 104765 | \$25,000,000 | \$891,888 | 4.550\% | Nov 24, 09 | Jul 23, 12 | Jul 22, 22 |
| 35 |  | 106459 | \$20,000,000 | \$0 | 4.935\% | Jan 05, 10 | Jul 23, 12 | Jul 22, 22 |
| 36 |  |  | \$45,000,000 | \$891,888 | 4.721\% |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 37 |  | 104958 | \$15,000,000 | \$528,313 | 4.600\% | Nov 25, 09 | Oct 22, 12 | Oct 24, 22 |
| 38 |  | 106277 | \$15,000,000 | (\$57,971) | 5.122\% | Dec 29, 09 | Oct 22, 12 | Oct 24, 22 |
| 39 |  |  | \$30,000,000 | \$470,342 | 4.861\% |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 40 | 2013 | 105043 | \$10,000,000 | \$392,453 | 4.600\% | Nov 26, 09 | Jan 22, 13 | Jan 23, 23 |
| 41 |  | 105002 | \$10,000,000 | \$377,663 | 4.620\% | Nov 26, 09 | Jan 22, 13 | Jan 23, 23 |
| 42 |  |  | \$20,000,000 | \$770,116 | 4.610\% |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 43 |  | 105412 | \$20,000,000 | \$557,681 | 4.800\% | Dec 08, 09 | Apr 22, 13 | Apr 24, 23 |
| 44 |  |  | \$20,000,000 | \$557,681 | 4.800\% |  |  |  |
|  |  |  |  |  |  |  |  |  |
| 45 | Total |  | \$555,000,000 | \$1,850,765 | 4.582\% |  |  |  |


[^0]:    See Ex. C1-T1-S2 Table 7a for notes

[^1]:    Notes:
    1 The underlying bond issue date also corresponds to the maturity of the swap deals.
    2 The Effective rate $=$ underlying bond rate + \$impact of the hedge settlement/ 10 years/ the notional value of the bond $=h+((\mathrm{i}) / 10 /(\mathrm{e})$ ).

