

| Average Customer Num | | | | |
|----------------------|-------------|------------|----------------------------|-------------|
| Year | Residential | GS < 50 kW | GS > 50 kW (50 to 4999 kW) | Streetlight |
| 2006 | 7,689 | 1,247 | 114 | 2,646 |
| 2007 | 7,822 | 1,200 | 111 | 2,653 |
| 2008 | 7,920 | 1,203 | 108 | 2,640 |
| 2009 | 8,033 | 1,249 | 104 | 2,640 |
| 2010 | 8,170 | 1,314 | 109 | 2,640 |
| 2011 | 8,290 | 1,315 | 106 | 2,630 |

| Growth Rate in Customer Number | | | | |
|--------------------------------|--------------|--------------|----------------------------|--------------|
| Year | Residential | GS < 50 kW | GS > 50 kW (50 to 4999 kW) | Streetlight |
| 2007 | 1.017 | 0.963 | 0.969 | 1.002 |
| 2008 | 1.013 | 1.002 | 0.977 | 0.995 |
| 2009 | 1.014 | 1.038 | 0.959 | 1.000 |
| Geometric Mean | 1.015 | 1.001 | 0.969 | 0.999 |

| 2011 predicted kwh | | | | |
|------------------------------|---------------------|---------------------|----------------------------|----------------------|
| 7 Year HDD CDD Weather Trend | | | | |
| Month | Heating Degree Days | Cooling Degree Days | Ontario Real GDP Monthly % | Number of Days/Month |
| Jan | 741.59 | 0.00 | 139.04 | 31 |
| Feb | 667.16 | 0.00 | 139.40 | 28 |
| Mar | 559.87 | 0.00 | 139.77 | 31 |
| Apr | 331.77 | 0.00 | 140.14 | 30 |
| May | 179.17 | 8.81 | 140.51 | 31 |
| June | 37.40 | 56.39 | 140.88 | 30 |
| July | 5.24 | 89.51 | 141.25 | 31 |
| Aug | 12.11 | 71.80 | 141.62 | 31 |
| Sep | 63.37 | 18.70 | 141.99 | 30 |
| Oct | 261.30 | 2.73 | 142.36 | 31 |
| Nov | 413.47 | 0.00 | 142.74 | 30 |
| Dec | 626.73 | 0.00 | 143.11 | 31 |

2011 predicted kwh

| 10 Year HDD CDD Weather Trend | | | | |
|-------------------------------|---------------------|---------------------|----------------------------|----------------------|
| Month | Heating Degree Days | Cooling Degree Days | Ontario Real GDP Monthly % | Number of Days/Month |
| Jan | 725.86 | 0.00 | 139.04 | 31 |
| Feb | 643.36 | 0.00 | 139.40 | 28 |
| Mar | 547.61 | 0.00 | 139.77 | 31 |
| Apr | 327.53 | 0.79 | 140.14 | 30 |
| May | 171.52 | 9.50 | 140.51 | 31 |
| June | 38.01 | 57.40 | 140.88 | 30 |
| July | 5.53 | 92.07 | 141.25 | 31 |
| Aug | 10.44 | 78.57 | 141.62 | 31 |
| Sep | 67.09 | 21.82 | 141.99 | 30 |
| Oct | 262.47 | 2.61 | 142.36 | 31 |
| Nov | 414.18 | 0.00 | 142.74 | 30 |
| Dec | 640.85 | 0.00 | 143.11 | 31 |

| 2011 predicted kwh | | | | |
|-------------------------------|---------------------|---------------------|----------------------------|----------------------|
| 20 Year HDD CDD Weather Trend | | | | |
| Month | Heating Degree Days | Cooling Degree Days | Ontario Real GDP Monthly % | Number of Days/Month |
| Jan | 738.27 | 0.00 | 139.04 | 31 |
| Feb | 651.13 | 0.00 | 139.40 | 28 |
| Mar | 551.64 | 0.07 | 139.77 | 31 |
| Apr | 325.27 | -1.10 | 140.14 | 30 |
| May | 176.32 | 6.26 | 140.51 | 31 |
| June | 39.12 | 65.61 | 140.88 | 30 |
| July | 5.03 | 94.88 | 141.25 | 31 |
| Aug | 10.63 | 78.79 | 141.62 | 31 |
| Sep | 45.90 | 21.55 | 141.99 | 30 |
| Oct | 256.59 | 3.67 | 142.36 | 31 |
| Nov | 418.23 | 0.00 | 142.74 | 30 |
| Dec | 640.65 | 0.00 | 143.11 | 31 |

| | 2011 | 2010 |
|-------|-----------------------|-----------------------|
| Month | CDM Activity Variable | CDM Activity Variable |
| Jan | 204,844.21 | 132,925.95 |
| Feb | 220,630.11 | 138,028.89 |
| Mar | 236,416.01 | 143,131.83 |
| Apr | 252,201.91 | 148,234.77 |
| May | 267,987.81 | 153,337.72 |

| | | |
|------|------------|------------|
| June | 283,773.72 | 158,440.66 |
| July | 299,559.62 | 163,543.60 |
| Aug | 315,345.52 | 168,646.54 |
| Sep | 331,131.42 | 173,749.48 |
| Oct | 346,917.32 | 178,852.42 |
| Nov | 362,703.22 | 183,955.36 |
| Dec | 378,489.13 | 189,058.31 |

Exhibit 8, Tab 1, Schedule 5

| LOSS FACTOR | |
|-------------|-------------|
| Year | Loss Factor |
| 2005 | |
| 2006 | 8.74% |
| 2007 | 6.18% |
| 2008 | 5.40% |
| 2009 | 4.82% |
| 2010-Bridge | 4.82% |
| 2011 | 4.82% |

6.29%

OLD GDP GROWTH

| Year | Month | Heating Degree Days | Cooling Degree Days | Ontario Real GDP Monthly % |
|------|-------|---------------------|---------------------|----------------------------|
| 2009 | Jan | 860.90 | 0.00 | 139.38 |
| | Feb | 619.60 | 0.00 | 138.98 |
| | Mar | 533.50 | 0.00 | 138.58 |
| | Apr | 308.70 | 0.00 | 138.18 |
| | May | 171.90 | 1.70 | 137.78 |
| | June | 52.70 | 40.40 | 137.38 |
| | July | 15.60 | 21.30 | 136.99 |
| | Aug | 10.80 | 59.70 | 136.59 |
| | Sep | 65.40 | 8.00 | 136.20 |
| | Oct | 265.50 | 0.00 | 135.81 |
| | Nov | 367.60 | 0.00 | 135.42 |
| | Dec | 633.30 | 0.00 | 135.03 |
| 2010 | Jan | 741.59 | 0.00 | 135.33 |
| | Feb | 667.16 | 0.00 | 135.63 |
| | Mar | 559.87 | 0.00 | 135.93 |
| | Apr | 331.77 | 0.00 | 136.23 |
| | May | 179.17 | 8.81 | 136.54 |
| | June | 37.40 | 56.39 | 136.84 |
| | July | 5.24 | 89.51 | 137.14 |
| | Aug | 12.11 | 71.80 | 137.45 |

| | | | | |
|------|------|--------|-------|--------|
| | Sep | 63.37 | 18.70 | 137.75 |
| | Oct | 261.30 | 2.73 | 138.06 |
| | Nov | 413.47 | 0.00 | 138.37 |
| | Dec | 626.73 | 0.00 | 138.67 |
| 2011 | Jan | 741.59 | 0.00 | 139.04 |
| | Feb | 667.16 | 0.00 | 139.40 |
| | Mar | 559.87 | 0.00 | 139.77 |
| | Apr | 331.77 | 0.00 | 140.14 |
| | May | 179.17 | 8.81 | 140.51 |
| | June | 37.40 | 56.39 | 140.88 |
| | July | 5.24 | 89.51 | 141.25 |
| | Aug | 12.11 | 71.80 | 141.62 |
| | Sep | 63.37 | 18.70 | 141.99 |
| | Oct | 261.30 | 2.73 | 142.36 |
| | Nov | 413.47 | 0.00 | 142.74 |
| | Dec | 626.73 | 0.00 | 143.11 |

Source:

1988 to 2006: 2003 and 2008 Ontario Economic Outlook and Fiscal Review, Ontario Ministry of Finance
 2007 to 2011: 2010 Ontario Budget March 25, 2010, Ontario Ministry of Finance

| Year | Real Ontario GDP (chained \$1997) | Growth Rate | Real Ontario GDP (chained \$1997 with Base 100 in 1997) | Check Growth Rate |
|-------------|--------------------------------------|-------------|--|-------------------|
| 1988 | 312.0 | | 86.81 | |
| 1989 | 322.5 | 3.4% | 89.73 | 3.4% |
| 1990 | 316.9 | -1.7% | 88.17 | -1.7% |
| 1991 | 304.5 | -3.9% | 84.72 | -3.9% |
| 1992 | 307.2 | 0.9% | 85.48 | 0.9% |
| 1993 | 310.2 | 1.0% | 86.31 | 1.0% |
| 1994 | 328.5 | 5.9% | 91.40 | 5.9% |
| 1995 | 340.1 | 3.5% | 94.63 | 3.5% |
| 1996 | 343.8 | 1.1% | 95.66 | 1.1% |
| 1997 | 359.4 | 4.5% | 100.00 | 4.5% |
| 1998 | 376.7 | 4.8% | 104.81 | 4.8% |
| 1999 | 405.0 | 7.5% | 112.69 | 7.5% |
| 2000 | 427.9 | 5.7% | 119.06 | 5.7% |
| 2001 | 435.4 | 1.8% | 121.15 | 1.8% |
| 2002 | 451.1 | 3.6% | 125.51 | 3.6% |
| 2003 | 457.4 | 1.4% | 127.27 | 1.4% |
| 2004 | 468.9 | 2.5% | 130.45 | 2.5% |
| 2005 | 481.5 | 2.7% | 133.98 | 2.7% |

| | | | | |
|-------------|--------------|--------------|---------------|--------------|
| 2006 | 493.5 | 2.5% | 137.33 | 2.5% |
| 2007 | 504.9 | 2.3% | 140.48 | 2.3% |
| 2008 | 502.4 | -0.5% | 139.78 | -0.5% |
| 2009 | 484.3 | -3.6% | 134.75 | -3.6% |
| 2010 | 500.0 | 3.24% | 139.12 | 3.24% |
| 2011 | 511.9 | 2.38% | 142.43 | 2.38% |
| 2012 | 528.3 | 3.2% | 146.98 | 3.2% |

New DATA using new Growth Rate from Energy Probe

| Year | Real Ontario GDP (chained \$1997 with Base 100 in 1997) |
|---------------|---|
| Dec-88 | 86.81 |
| Jan-89 | 87.05 |
| Feb-89 | 87.29 |
| Mar-89 | 87.53 |
| Apr-89 | 87.77 |
| May-89 | 88.02 |
| Jun-89 | 88.26 |
| Jul-89 | 88.50 |
| Aug-89 | 88.75 |
| Sep-89 | 88.99 |
| Oct-89 | 89.24 |
| Nov-89 | 89.49 |
| Dec-89 | 89.73 |
| Jan-90 | 89.60 |
| Feb-90 | 89.47 |
| Mar-90 | 89.34 |
| Apr-90 | 89.21 |
| May-90 | 89.08 |
| Jun-90 | 88.95 |
| Jul-90 | 88.82 |
| Aug-90 | 88.69 |
| Sep-90 | 88.56 |
| Oct-90 | 88.43 |
| Nov-90 | 88.30 |
| Dec-90 | 88.17 |
| Jan-91 | 87.88 |
| Feb-91 | 87.59 |
| Mar-91 | 87.30 |
| Apr-91 | 87.01 |
| May-91 | 86.72 |
| Jun-91 | 86.43 |

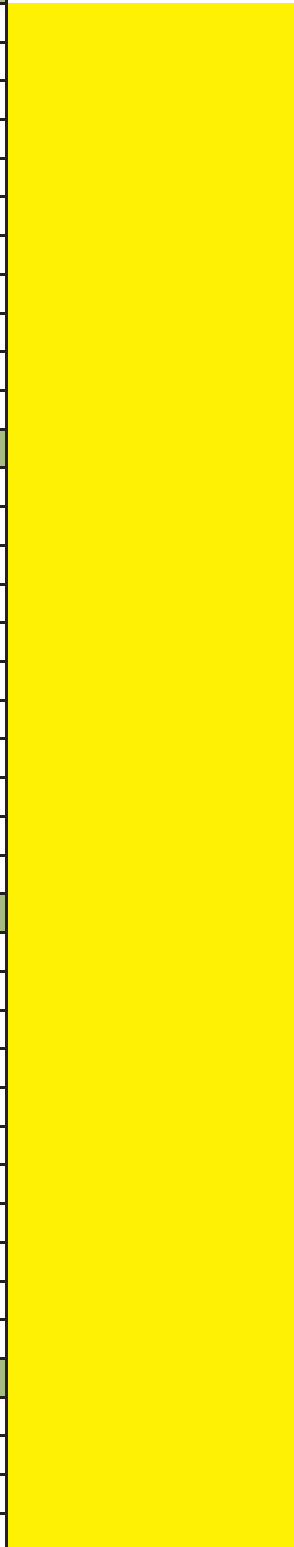
OLD DATA

| Year | Real Ontario GDP (chained \$1997 with Base 100 in 1997) |
|---------------|---|
| Dec-88 | 86.81 |
| Jan-89 | 87.05 |
| Feb-89 | 87.29 |
| Mar-89 | 87.53 |
| Apr-89 | 87.77 |
| May-89 | 88.02 |
| Jun-89 | 88.26 |
| Jul-89 | 88.50 |
| Aug-89 | 88.75 |
| Sep-89 | 88.99 |
| Oct-89 | 89.24 |
| Nov-89 | 89.49 |
| Dec-89 | 89.73 |
| Jan-90 | 89.60 |
| Feb-90 | 89.47 |
| Mar-90 | 89.34 |
| Apr-90 | 89.21 |
| May-90 | 89.08 |
| Jun-90 | 88.95 |
| Jul-90 | 88.82 |
| Aug-90 | 88.69 |
| Sep-90 | 88.56 |
| Oct-90 | 88.43 |
| Nov-90 | 88.30 |
| Dec-90 | 88.17 |
| Jan-91 | 87.88 |
| Feb-91 | 87.59 |
| Mar-91 | 87.30 |
| Apr-91 | 87.01 |
| May-91 | 86.72 |
| Jun-91 | 86.43 |

| | |
|---------------|--------------|
| Jul-91 | 86.15 |
| Aug-91 | 85.86 |
| Sep-91 | 85.57 |
| Oct-91 | 85.29 |
| Nov-91 | 85.01 |
| Dec-91 | 84.72 |
| Jan-92 | 84.79 |
| Feb-92 | 84.85 |
| Mar-92 | 84.91 |
| Apr-92 | 84.97 |
| May-92 | 85.04 |
| Jun-92 | 85.10 |
| Jul-92 | 85.16 |
| Aug-92 | 85.22 |
| Sep-92 | 85.29 |
| Oct-92 | 85.35 |
| Nov-92 | 85.41 |
| Dec-92 | 85.48 |
| Jan-93 | 85.55 |
| Feb-93 | 85.61 |
| Mar-93 | 85.68 |
| Apr-93 | 85.75 |
| May-93 | 85.82 |
| Jun-93 | 85.89 |
| Jul-93 | 85.96 |
| Aug-93 | 86.03 |
| Sep-93 | 86.10 |
| Oct-93 | 86.17 |
| Nov-93 | 86.24 |
| Dec-93 | 86.31 |
| Jan-94 | 86.72 |
| Feb-94 | 87.14 |
| Mar-94 | 87.56 |
| Apr-94 | 87.98 |
| May-94 | 88.40 |
| Jun-94 | 88.82 |
| Jul-94 | 89.25 |
| Aug-94 | 89.67 |
| Sep-94 | 90.10 |
| Oct-94 | 90.53 |
| Nov-94 | 90.97 |
| Dec-94 | 91.40 |
| Jan-95 | 91.67 |
| Feb-95 | 91.93 |
| Mar-95 | 92.20 |
| Apr-95 | 92.47 |
| May-95 | 92.73 |

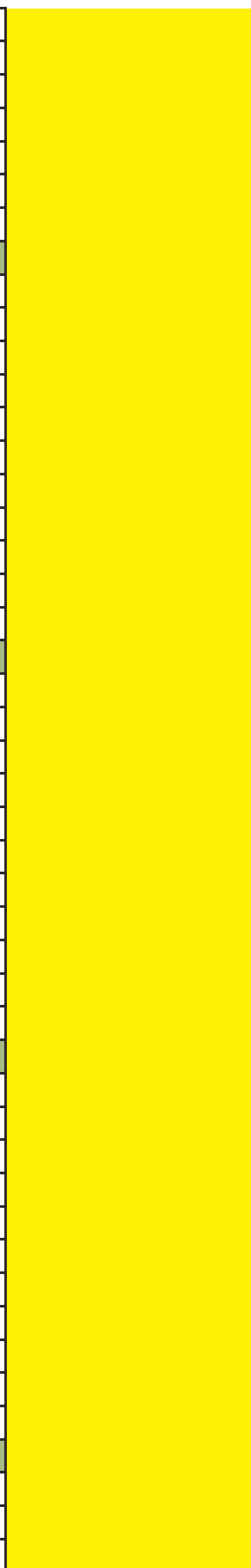
| | |
|---------------|--------------|
| Jul-91 | 86.15 |
| Aug-91 | 85.86 |
| Sep-91 | 85.57 |
| Oct-91 | 85.29 |
| Nov-91 | 85.01 |
| Dec-91 | 84.72 |
| Jan-92 | 84.79 |
| Feb-92 | 84.85 |
| Mar-92 | 84.91 |
| Apr-92 | 84.97 |
| May-92 | 85.04 |
| Jun-92 | 85.10 |
| Jul-92 | 85.16 |
| Aug-92 | 85.22 |
| Sep-92 | 85.29 |
| Oct-92 | 85.35 |
| Nov-92 | 85.41 |
| Dec-92 | 85.48 |
| Jan-93 | 85.55 |
| Feb-93 | 85.61 |
| Mar-93 | 85.68 |
| Apr-93 | 85.75 |
| May-93 | 85.82 |
| Jun-93 | 85.89 |
| Jul-93 | 85.96 |
| Aug-93 | 86.03 |
| Sep-93 | 86.10 |
| Oct-93 | 86.17 |
| Nov-93 | 86.24 |
| Dec-93 | 86.31 |
| Jan-94 | 86.72 |
| Feb-94 | 87.14 |
| Mar-94 | 87.56 |
| Apr-94 | 87.98 |
| May-94 | 88.40 |
| Jun-94 | 88.82 |
| Jul-94 | 89.25 |
| Aug-94 | 89.67 |
| Sep-94 | 90.10 |
| Oct-94 | 90.53 |
| Nov-94 | 90.97 |
| Dec-94 | 91.40 |
| Jan-95 | 91.67 |
| Feb-95 | 91.93 |
| Mar-95 | 92.20 |
| Apr-95 | 92.47 |
| May-95 | 92.73 |

| | |
|---------------|---------------|
| Jun-95 | 93.00 |
| Jul-95 | 93.27 |
| Aug-95 | 93.54 |
| Sep-95 | 93.81 |
| Oct-95 | 94.08 |
| Nov-95 | 94.36 |
| Dec-95 | 94.63 |
| Jan-96 | 94.72 |
| Feb-96 | 94.80 |
| Mar-96 | 94.89 |
| Apr-96 | 94.97 |
| May-96 | 95.06 |
| Jun-96 | 95.14 |
| Jul-96 | 95.23 |
| Aug-96 | 95.32 |
| Sep-96 | 95.40 |
| Oct-96 | 95.49 |
| Nov-96 | 95.57 |
| Dec-96 | 95.66 |
| Jan-97 | 96.01 |
| Feb-97 | 96.37 |
| Mar-97 | 96.73 |
| Apr-97 | 97.08 |
| May-97 | 97.44 |
| Jun-97 | 97.81 |
| Jul-97 | 98.17 |
| Aug-97 | 98.53 |
| Sep-97 | 98.90 |
| Oct-97 | 99.26 |
| Nov-97 | 99.63 |
| Dec-97 | 100.00 |
| Jan-98 | 100.39 |
| Feb-98 | 100.79 |
| Mar-98 | 101.18 |
| Apr-98 | 101.58 |
| May-98 | 101.98 |
| Jun-98 | 102.38 |
| Jul-98 | 102.78 |
| Aug-98 | 103.18 |
| Sep-98 | 103.59 |
| Oct-98 | 104.00 |
| Nov-98 | 104.40 |
| Dec-98 | 104.81 |
| Jan-99 | 105.45 |
| Feb-99 | 106.09 |
| Mar-99 | 106.73 |
| Apr-99 | 107.38 |



| | |
|---------------|---------------|
| Jun-95 | 93.00 |
| Jul-95 | 93.27 |
| Aug-95 | 93.54 |
| Sep-95 | 93.81 |
| Oct-95 | 94.08 |
| Nov-95 | 94.36 |
| Dec-95 | 94.63 |
| Jan-96 | 94.72 |
| Feb-96 | 94.80 |
| Mar-96 | 94.89 |
| Apr-96 | 94.97 |
| May-96 | 95.06 |
| Jun-96 | 95.14 |
| Jul-96 | 95.23 |
| Aug-96 | 95.32 |
| Sep-96 | 95.40 |
| Oct-96 | 95.49 |
| Nov-96 | 95.57 |
| Dec-96 | 95.66 |
| Jan-97 | 96.01 |
| Feb-97 | 96.37 |
| Mar-97 | 96.73 |
| Apr-97 | 97.08 |
| May-97 | 97.44 |
| Jun-97 | 97.81 |
| Jul-97 | 98.17 |
| Aug-97 | 98.53 |
| Sep-97 | 98.90 |
| Oct-97 | 99.26 |
| Nov-97 | 99.63 |
| Dec-97 | 100.00 |
| Jan-98 | 100.39 |
| Feb-98 | 100.79 |
| Mar-98 | 101.18 |
| Apr-98 | 101.58 |
| May-98 | 101.98 |
| Jun-98 | 102.38 |
| Jul-98 | 102.78 |
| Aug-98 | 103.18 |
| Sep-98 | 103.59 |
| Oct-98 | 104.00 |
| Nov-98 | 104.40 |
| Dec-98 | 104.81 |
| Jan-99 | 105.45 |
| Feb-99 | 106.09 |
| Mar-99 | 106.73 |
| Apr-99 | 107.38 |

| | |
|---------------|---------------|
| May-99 | 108.03 |
| Jun-99 | 108.68 |
| Jul-99 | 109.34 |
| Aug-99 | 110.00 |
| Sep-99 | 110.67 |
| Oct-99 | 111.34 |
| Nov-99 | 112.01 |
| Dec-99 | 112.69 |
| Jan-00 | 113.21 |
| Feb-00 | 113.73 |
| Mar-00 | 114.25 |
| Apr-00 | 114.77 |
| May-00 | 115.30 |
| Jun-00 | 115.83 |
| Jul-00 | 116.36 |
| Aug-00 | 116.90 |
| Sep-00 | 117.43 |
| Oct-00 | 117.97 |
| Nov-00 | 118.52 |
| Dec-00 | 119.06 |
| Jan-01 | 119.23 |
| Feb-01 | 119.40 |
| Mar-01 | 119.58 |
| Apr-01 | 119.75 |
| May-01 | 119.92 |
| Jun-01 | 120.10 |
| Jul-01 | 120.27 |
| Aug-01 | 120.45 |
| Sep-01 | 120.62 |
| Oct-01 | 120.80 |
| Nov-01 | 120.97 |
| Dec-01 | 121.15 |
| Jan-02 | 121.50 |
| Feb-02 | 121.86 |
| Mar-02 | 122.22 |
| Apr-02 | 122.59 |
| May-02 | 122.95 |
| Jun-02 | 123.31 |
| Jul-02 | 123.68 |
| Aug-02 | 124.04 |
| Sep-02 | 124.41 |
| Oct-02 | 124.78 |
| Nov-02 | 125.14 |
| Dec-02 | 125.51 |
| Jan-03 | 125.66 |
| Feb-03 | 125.81 |
| Mar-03 | 125.95 |



| | |
|---------------|---------------|
| May-99 | 108.03 |
| Jun-99 | 108.68 |
| Jul-99 | 109.34 |
| Aug-99 | 110.00 |
| Sep-99 | 110.67 |
| Oct-99 | 111.34 |
| Nov-99 | 112.01 |
| Dec-99 | 112.69 |
| Jan-00 | 113.21 |
| Feb-00 | 113.73 |
| Mar-00 | 114.25 |
| Apr-00 | 114.77 |
| May-00 | 115.30 |
| Jun-00 | 115.83 |
| Jul-00 | 116.36 |
| Aug-00 | 116.90 |
| Sep-00 | 117.43 |
| Oct-00 | 117.97 |
| Nov-00 | 118.52 |
| Dec-00 | 119.06 |
| Jan-01 | 119.23 |
| Feb-01 | 119.40 |
| Mar-01 | 119.58 |
| Apr-01 | 119.75 |
| May-01 | 119.92 |
| Jun-01 | 120.10 |
| Jul-01 | 120.27 |
| Aug-01 | 120.45 |
| Sep-01 | 120.62 |
| Oct-01 | 120.80 |
| Nov-01 | 120.97 |
| Dec-01 | 121.15 |
| Jan-02 | 121.50 |
| Feb-02 | 121.86 |
| Mar-02 | 122.22 |
| Apr-02 | 122.59 |
| May-02 | 122.95 |
| Jun-02 | 123.31 |
| Jul-02 | 123.68 |
| Aug-02 | 124.04 |
| Sep-02 | 124.41 |
| Oct-02 | 124.78 |
| Nov-02 | 125.14 |
| Dec-02 | 125.51 |
| Jan-03 | 125.66 |
| Feb-03 | 125.81 |
| Mar-03 | 125.95 |

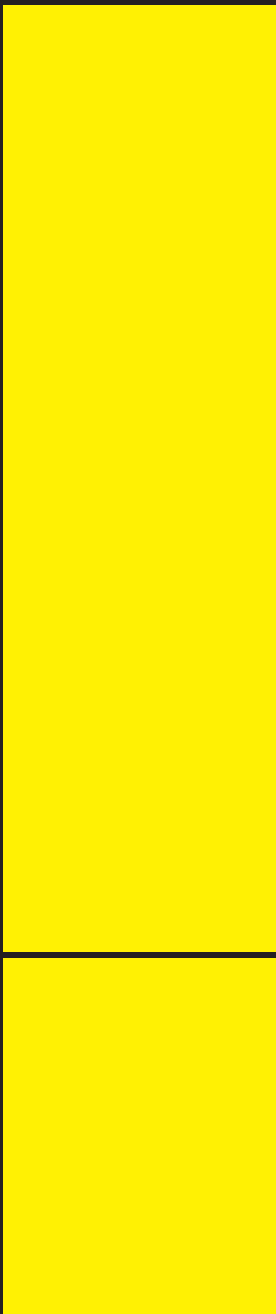
| | | | | |
|---------------|---------------|--|---------------|---------------|
| Apr-03 | 126.10 | | Apr-03 | 126.10 |
| May-03 | 126.24 | | May-03 | 126.24 |
| Jun-03 | 126.39 | | Jun-03 | 126.39 |
| Jul-03 | 126.54 | | Jul-03 | 126.54 |
| Aug-03 | 126.68 | | Aug-03 | 126.68 |
| Sep-03 | 126.83 | | Sep-03 | 126.83 |
| Oct-03 | 126.98 | | Oct-03 | 126.98 |
| Nov-03 | 127.12 | | Nov-03 | 127.12 |
| Dec-03 | 127.27 | | Dec-03 | 127.27 |
| Jan-04 | 127.53 | | Jan-04 | 127.53 |
| Feb-04 | 127.80 | | Feb-04 | 127.80 |
| Mar-04 | 128.06 | | Mar-04 | 128.06 |
| Apr-04 | 128.32 | | Apr-04 | 128.32 |
| May-04 | 128.59 | | May-04 | 128.59 |
| Jun-04 | 128.85 | | Jun-04 | 128.85 |
| Jul-04 | 129.12 | | Jul-04 | 129.12 |
| Aug-04 | 129.38 | | Aug-04 | 129.38 |
| Sep-04 | 129.65 | | Sep-04 | 129.65 |
| Oct-04 | 129.92 | | Oct-04 | 129.92 |
| Nov-04 | 130.19 | | Nov-04 | 130.19 |
| Dec-04 | 130.45 | | Dec-04 | 130.45 |
| Jan-05 | 130.74 | | Jan-05 | 130.74 |
| Feb-05 | 131.03 | | Feb-05 | 131.03 |
| Mar-05 | 131.33 | | Mar-05 | 131.33 |
| Apr-05 | 131.62 | | Apr-05 | 131.62 |
| May-05 | 131.91 | | May-05 | 131.91 |
| Jun-05 | 132.20 | | Jun-05 | 132.20 |
| Jul-05 | 132.50 | | Jul-05 | 132.50 |
| Aug-05 | 132.79 | | Aug-05 | 132.79 |
| Sep-05 | 133.09 | | Sep-05 | 133.09 |
| Oct-05 | 133.38 | | Oct-05 | 133.38 |
| Nov-05 | 133.68 | | Nov-05 | 133.68 |
| Dec-05 | 133.98 | | Dec-05 | 133.98 |
| Jan-06 | 134.25 | | Jan-06 | 134.25 |
| Feb-06 | 134.53 | | Feb-06 | 134.53 |
| Mar-06 | 134.81 | | Mar-06 | 134.81 |
| Apr-06 | 135.08 | | Apr-06 | 135.08 |
| May-06 | 135.36 | | May-06 | 135.36 |
| Jun-06 | 135.64 | | Jun-06 | 135.64 |
| Jul-06 | 135.92 | | Jul-06 | 135.92 |
| Aug-06 | 136.20 | | Aug-06 | 136.20 |
| Sep-06 | 136.48 | | Sep-06 | 136.48 |
| Oct-06 | 136.76 | | Oct-06 | 136.76 |
| Nov-06 | 137.04 | | Nov-06 | 137.04 |

| | | | | |
|---------------|--------|--|---------------|--------|
| Dec-06 | 137.33 | | Dec-06 | 137.33 |
| Jan-07 | 137.59 | | Jan-07 | 137.59 |
| Feb-07 | 137.85 | | Feb-07 | 137.85 |
| Mar-07 | 138.11 | | Mar-07 | 138.11 |
| Apr-07 | 138.37 | | Apr-07 | 138.37 |
| May-07 | 138.63 | | May-07 | 138.63 |
| Jun-07 | 138.90 | | Jun-07 | 138.90 |
| Jul-07 | 139.16 | | Jul-07 | 139.16 |
| Aug-07 | 139.42 | | Aug-07 | 139.42 |
| Sep-07 | 139.69 | | Sep-07 | 139.69 |
| Oct-07 | 139.95 | | Oct-07 | 139.95 |
| Nov-07 | 140.22 | | Nov-07 | 140.22 |
| Dec-07 | 140.48 | | Dec-07 | 140.48 |
| Jan-08 | 140.43 | | Jan-08 | 140.43 |
| Feb-08 | 140.37 | | Feb-08 | 140.37 |
| Mar-08 | 140.31 | | Mar-08 | 140.31 |
| Apr-08 | 140.25 | | Apr-08 | 140.25 |
| May-08 | 140.19 | | May-08 | 140.19 |
| Jun-08 | 140.13 | | Jun-08 | 140.13 |
| Jul-08 | 140.07 | | Jul-08 | 140.07 |
| Aug-08 | 140.02 | | Aug-08 | 140.02 |
| Sep-08 | 139.96 | | Sep-08 | 139.96 |
| Oct-08 | 139.90 | | Oct-08 | 139.90 |
| Nov-08 | 139.84 | | Nov-08 | 139.84 |
| Dec-08 | 139.78 | | Dec-08 | 139.78 |
| Jan-09 | 139.38 | | Jan-09 | 139.38 |
| Feb-09 | 138.98 | | Feb-09 | 138.98 |
| Mar-09 | 138.58 | | Mar-09 | 138.58 |
| Apr-09 | 138.18 | | Apr-09 | 138.18 |
| May-09 | 137.78 | | May-09 | 137.78 |
| Jun-09 | 137.38 | | Jun-09 | 137.38 |
| Jul-09 | 136.99 | | Jul-09 | 136.99 |
| Aug-09 | 136.59 | Aug-09 | 136.59 | |
| Sep-09 | 136.20 | Sep-09 | 136.20 | |
| Oct-09 | 135.81 | Oct-09 | 135.81 | |
| Nov-09 | 135.42 | Nov-09 | 135.42 | |
| Dec-09 | 134.75 | From 2009-2011 the GDP rate has changed due to energy Probe's numbers | Dec-09 | 135.03 |
| Jan-10 | 135.11 | | Jan-10 | 135.33 |
| Feb-10 | 135.47 | | Feb-10 | 135.63 |
| Mar-10 | 135.83 | | Mar-10 | 135.93 |
| Apr-10 | 136.19 | | Apr-10 | 136.23 |
| May-10 | 136.55 | | May-10 | 136.54 |
| Jun-10 | 136.91 | | Jun-10 | 136.84 |
| Jul-10 | 137.28 | Jul-10 | 137.14 | |

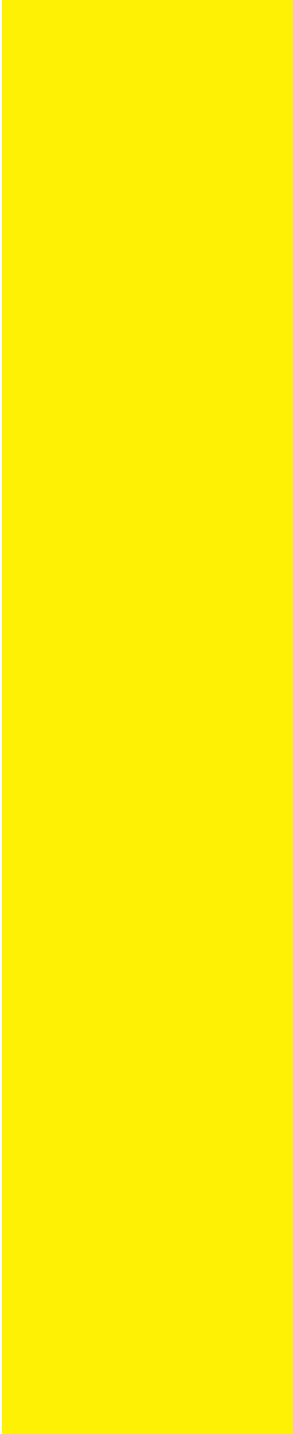
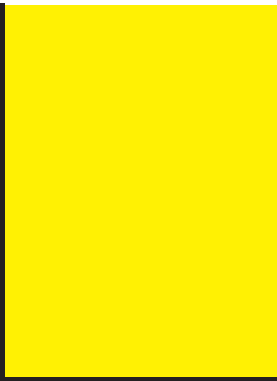
| | | | | |
|---------------|---------------|--|---------------|---------------|
| Aug-10 | 137.64 | | Aug-10 | 137.45 |
| Sep-10 | 138.01 | | Sep-10 | 137.75 |
| Oct-10 | 138.38 | | Oct-10 | 138.06 |
| Nov-10 | 138.75 | | Nov-10 | 138.37 |
| Dec-10 | 139.12 | | Dec-10 | 138.67 |
| Jan-11 | 139.39 | | Jan-11 | 139.04 |
| Feb-11 | 139.66 | | Feb-11 | 139.40 |
| Mar-11 | 139.94 | | Mar-11 | 139.77 |
| Apr-11 | 140.21 | | Apr-11 | 140.14 |
| May-11 | 140.49 | | May-11 | 140.51 |
| Jun-11 | 140.76 | | Jun-11 | 140.88 |
| Jul-11 | 141.04 | | Jul-11 | 141.25 |
| Aug-11 | 141.31 | | Aug-11 | 141.62 |
| Sep-11 | 141.59 | | Sep-11 | 141.99 |
| Oct-11 | 141.87 | | Oct-11 | 142.36 |
| Nov-11 | 142.15 | | Nov-11 | 142.74 |
| Dec-11 | 142.43 | | Dec-11 | 143.11 |
| Jan-12 | 142.80 | | Jan-12 | 143.49 |
| Feb-12 | 143.18 | | Feb-12 | 143.87 |
| Mar-12 | 143.55 | | Mar-12 | 144.24 |
| Apr-12 | 143.93 | | Apr-12 | 144.62 |
| May-12 | 144.31 | | May-12 | 145.00 |
| Jun-12 | 144.69 | | Jun-12 | 145.38 |
| Jul-12 | 145.07 | | Jul-12 | 145.77 |
| Aug-12 | 145.45 | | Aug-12 | 146.15 |
| Sep-12 | 145.83 | | Sep-12 | 146.53 |
| Oct-12 | 146.21 | | Oct-12 | 146.92 |
| Nov-12 | 146.60 | | Nov-12 | 147.30 |
| Dec-12 | 146.98 | | Dec-12 | 147.69 |

| | | Old GDP Growth Rate | Updated GDP Growth Rate |
|------|------|------------------------|-------------------------|
| | | Predicted Purchase kWh | Predicted Purchase kWh |
| 2010 | Jan | 26,205,586.17 | 26,205,586.17 |
| | Feb | 24,598,964.38 | 24,598,964.38 |
| | Mar | 25,146,581.51 | 25,146,581.51 |
| | Apr | 23,399,780.62 | 23,399,780.62 |
| | May | 23,271,880.28 | 23,271,880.28 |
| | June | 24,099,541.75 | 24,099,541.75 |
| | July | 25,746,616.61 | 25,746,616.61 |
| | Aug | 25,040,233.61 | 25,040,233.61 |

| | | | |
|------|-------------|---------------|---------------|
| | Sep | 22,680,342.44 | 22,680,342.44 |
| | Oct | 23,590,570.68 | 23,590,570.68 |
| | Nov | 24,013,829.84 | 24,013,829.84 |
| | Dec | 25,706,398.00 | 25,706,398.00 |
| 2011 | Jan | 26,367,262.75 | 26,367,262.75 |
| | Feb | 24,713,873.64 | 24,713,873.64 |
| | Mar | 25,214,765.92 | 25,214,765.92 |
| | Apr | 23,421,282.83 | 23,421,282.83 |
| | May | 23,246,743.06 | 23,246,743.06 |
| | June | 24,027,808.05 | 24,027,808.05 |
| | July | 25,628,329.52 | 25,628,329.52 |
| | Aug | 24,875,436.37 | 24,875,436.37 |
| | Sep | 22,469,078.45 | 22,469,078.45 |
| | Oct | 23,332,883.49 | 23,332,883.49 |
| | Nov | 23,709,763.15 | 23,709,763.15 |
| | Dec | 25,355,995.69 | 25,355,995.69 |



Used for Geometric
Calculation to
forecast 2010, 2011



Non-Weather Corrected Forecast

Weather Corrected Forecast

% Weather Sensitive

Allocation Weather Sensitive Amount

FOR CDM ACTIVITY CALC

| Month | CDM Activity Variable | Month | CDM Activity Variable | Month |
|-----------------|--------------------------|-----------------------------------|-----------------------|--------|
| Jan-06 | 10,539.41 | Jan-07 | 125,508.89 | Jan-08 |
| Feb-06 | 21,078.82 | Feb-07 | 124,544.83 | Feb-08 |
| Mar-06 | 31,618.24 | Mar-07 | 123,580.78 | Mar-08 |
| Apr-06 | 42,157.65 | Apr-07 | 122,616.73 | Apr-08 |
| May-06 | 52,697.06 | May-07 | 121,652.67 | May-08 |
| Jun-06 | 63,236.47 | Jun-07 | 120,688.62 | Jun-08 |
| Jul-06 | 73,775.88 | Jul-07 | 119,724.56 | Jul-08 |
| Aug-06 | 84,315.29 | Aug-07 | 118,760.51 | Aug-08 |
| Sep-06 | 94,854.71 | Sep-07 | 117,796.45 | Sep-08 |
| Oct-06 | 105,394.12 | Oct-07 | 116,832.40 | Oct-08 |
| Nov-06 | 115,933.53 | Nov-07 | 115,868.35 | Nov-08 |
| Dec-06 | 126,472.94 | Dec-07 | 114,904.29 | Dec-08 |
| Jan-09 | 194,161.25 | Jan-10 | 132,925.95 | Jan-11 |
| Feb-09 | 188,130.50 | Feb-10 | 138,028.89 | Feb-11 |
| Mar-09 | 182,099.75 | Mar-10 | 143,131.83 | Mar-11 |
| Apr-09 | 176,069.00 | Apr-10 | 148,234.77 | Apr-11 |
| May-09 | 170,038.25 | May-10 | 153,337.72 | May-11 |
| Jun-09 | 164,007.50 | Jun-10 | 158,440.66 | Jun-11 |
| Jul-09 | 157,976.75 | Jul-10 | 163,543.60 | Jul-11 |
| Aug-09 | 151,946.00 | Aug-10 | 168,646.54 | Aug-11 |
| Sep-09 | 145,915.25 | Sep-10 | 173,749.48 | Sep-11 |
| Oct-09 | 139,884.51 | Oct-10 | 178,852.42 | Oct-11 |
| Nov-09 | 133,853.76 | Nov-10 | 183,955.36 | Nov-11 |
| Dec-09 | 127,823.01 | Dec-10 | 189,058.31 | Dec-11 |
| Year | TOTAL ANNUAL CDM RESULTS | Increase over Previous year (kWh) | Rate | Year |
| 2006 | 822,074.12 | 822,074.12339 | 10,539.41 | 2006 |
| 2007 | 1,442,479.07 | - 75,196.23 | - 964.05 | 2007 |
| 2008 | 1,933,221.58 | 554,370.09 | 7,107.31 | 2008 |
| 2009 | 1,931,905.53 | - 470,398.43 | - 6,030.75 | 2009 |
| 2010 | 1,931,905.53 | 398,029.44 | 5,102.94 | 2010 |
| 2011-2014 (GWh) | 9.85 | - | - | 2011 |
| 2011 | 2,462,500.00 | 193,800.33 | 2,484.62 | |

CDM Results for 2006-2009 is obtained from OPA Conservation file provided by Brant County Power.

The Rate is obtained by taking the value in `Increase over previous year (kWh)` x `Constan Number (=78)`
`Increase over previous year (kWh)` is obtained by taking the `Total Annual CDM Results` - `value`

For example, 2007 `Increase over previous year (kWh)` = 2007 `Total Annual CDM Results` - 2006 `Value`

| ber | | | |
|----------------|--------------------------|--------|----------------|
| Sentinel Light | Unmetered Scattered Load | Total | Total Customer |
| 242 | 58 | 11,995 | 9,049 |
| 240 | 57 | 12,081 | 9,133 |
| 231 | 55 | 12,156 | 9,231 |
| 225 | 52 | 12,302 | 9,385 |
| 221 | 52 | 12,507 | 9,594 |
| 218 | 51 | 12,611 | 9,711 |

| Sentinel Light | Unmetered Scattered Load (USL) |
|----------------|--------------------------------|
| 0.991 | 0.975 |
| 0.964 | 0.965 |
| 0.973 | 0.961 |
| 0.976 | 0.967 |

| GS>50kW Flag for 2006 | CDM Activity Variable | Predicted kWh |
|-----------------------|-----------------------|--------------------|
| 1 | 204,844 | 26,367,263 |
| 1 | 220,630 | 24,713,874 |
| 1 | 236,416 | 25,214,766 |
| 1 | 252,202 | 23,421,283 |
| 1 | 267,988 | 23,246,743 |
| 1 | 283,774 | 24,027,808 |
| 1 | 299,560 | 25,628,330 |
| 1 | 315,346 | 24,875,436 |
| 1 | 331,131 | 22,469,078 |
| 1 | 346,917 | 23,332,883 |
| 1 | 362,703 | 23,709,763 |
| 1 | 378,489 | 25,355,996 |
| | SUM | 292,363,223 |

SUMMARY OUTPUT

Regression Statistics

Multiple R
R Square
Adjusted R Square
Standard Error
Observations

ANOVA

Regression
Residual
Total

Intercept
Heating Degree
Cooling Degree

| GS>50kW Flag for 2006 | CDM Activity Variable | Predicted kWh |
|-----------------------|-----------------------|--------------------|
| 1 | 204,844 | 26,272,676 |
| 1 | 220,630 | 24,570,739 |
| 1 | 236,416 | 25,141,034 |
| 1 | 252,202 | 23,429,899 |
| 1 | 267,988 | 23,230,343 |
| 1 | 283,774 | 24,075,293 |
| 1 | 299,560 | 25,740,503 |
| 1 | 315,346 | 25,157,821 |
| 1 | 331,131 | 22,626,225 |
| 1 | 346,917 | 23,334,799 |
| 1 | 362,703 | 23,714,025 |
| 1 | 378,489 | 25,440,933 |
| | SUM | 292,734,290 |

| GS>50kW Flag for 2006 | CDM Activity Variable | Predicted kWh |
|-----------------------|-----------------------|--------------------|
| 1 | 204,844 | 26,347,342 |
| 1 | 220,630 | 24,617,482 |
| 1 | 236,416 | 25,168,177 |
| 1 | 252,202 | 23,334,870 |
| 1 | 267,988 | 23,119,390 |
| 1 | 283,774 | 24,436,633 |
| 1 | 299,560 | 25,859,061 |
| 1 | 315,346 | 25,168,634 |
| 1 | 331,131 | 22,487,020 |
| 1 | 346,917 | 23,345,321 |
| 1 | 362,703 | 23,738,367 |
| 1 | 378,489 | 25,439,749 |
| | SUM | 293,062,046 |

Ontario Real GD

Number of Days
GS>50kW Flag fr
CDM Activity Va

OCT 13-2010

SUMMARY OUT

Regression

Multiple R

R Square

Adjusted R Squa

Standard Error

Observations

ANOVA

Regression

Residual

Total

Intercept

Heating Degree

Cooling Degree

GS>50kW Flag fr

Number of Days

Ontario Real GD

CDM Activity Va

OLD CDM TARGET

| Number of Days/Month | GS>50kW Flag for 2006 | CDM Activity Variable |
|-----------------------------|---------------------------------|------------------------------|
| 31 | 1.00 | 194,161.25 |
| 28 | 1.00 | 188,130.50 |
| 31 | 1.00 | 182,099.75 |
| 30 | 1.00 | 176,069.00 |
| 31 | 1.00 | 170,038.25 |
| 30 | 1.00 | 164,007.50 |
| 31 | 1.00 | 157,976.75 |
| 31 | 1.00 | 151,946.00 |
| 30 | 1.00 | 145,915.25 |
| 31 | 1.00 | 139,884.51 |
| 30 | 1.00 | 133,853.76 |
| 31 | 1.00 | 127,823.01 |
| 31 | 1.00 | 132,925.95 |
| 28 | 1.00 | 138,028.89 |
| 31 | 1.00 | 143,131.83 |
| 30 | 1.00 | 148,234.77 |
| 31 | 1.00 | 153,337.72 |
| 30 | 1.00 | 158,440.66 |
| 31 | 1.00 | 163,543.60 |
| 31 | 1.00 | 168,646.54 |

| | | |
|----|------|------------|
| 30 | 1.00 | 173,749.48 |
| 31 | 1.00 | 178,852.42 |
| 30 | 1.00 | 183,955.36 |
| 31 | 1.00 | 189,058.31 |
| 31 | 1.00 | 204,844.21 |
| 28 | 1.00 | 220,630.11 |
| 31 | 1.00 | 236,416.01 |
| 30 | 1.00 | 252,201.91 |
| 31 | 1.00 | 267,987.81 |
| 30 | 1.00 | 283,773.72 |
| 31 | 1.00 | 299,559.62 |
| 31 | 1.00 | 315,345.52 |
| 30 | 1.00 | 331,131.42 |
| 31 | 1.00 | 346,917.32 |
| 30 | 1.00 | 362,703.22 |
| 31 | 1.00 | 378,489.13 |

NEW GDP GROWTH

ENERGY PROBE

| | <u>Forecast Date</u> | <u>2010</u> | <u>2011</u> |
|------------|----------------------|-------------|-------------|
| CIBC | Sept. 30, 2010 | 3.4 | 1.7 |
| TD | Dec. 17, 2010 | 3 | 2.4 |
| BMO | Dec. 23, 2010 | 3.3 | 2.6 |
| Scotiabank | Dec. 7, 2010 | 3.2 | 2.1 |
| RBC | Dec., 2010 | <u>3.3</u> | <u>3.1</u> |
| Average | | 3.24 | 2.38 |

| Year | Month | Purchased kWh |
|------|-------|---------------|
| 2005 | Jan | 21,312,710 |
| | Feb | 20,110,070 |
| | Mar | 19,921,260 |
| | Apr | 17,289,710 |
| | May | 17,235,360 |
| | June | 20,647,430 |
| | July | 21,532,750 |
| | Aug | 21,914,390 |
| | Sep | 19,393,940 |
| | Oct | 18,367,770 |
| | Nov | 18,865,090 |
| | Dec | 20,165,600 |
| | Jan | 20,050,890 |
| | Feb | 18,565,490 |
| | Mar | 19,849,830 |
| | Apr | 16,808,910 |
| | May | 18,081,020 |
| | June | 19,132,100 |

| | | |
|------|------|------------|
| 2006 | July | 21,733,810 |
| | Aug | 21,482,580 |
| | Sep | 18,353,540 |
| | Oct | 18,535,860 |
| | Nov | 24,690,000 |
| | Dec | 25,438,420 |
| 2007 | Jan | 27,400,920 |
| | Feb | 26,787,190 |
| | Mar | 26,470,050 |
| | Apr | 23,724,330 |
| | May | 22,886,860 |
| | June | 25,703,040 |
| | July | 25,481,240 |
| | Aug | 27,864,730 |
| | Sep | 25,079,090 |
| | Oct | 24,535,490 |
| | Nov | 25,038,780 |
| | Dec | 25,775,890 |
| 2008 | Jan | 27,008,780 |
| | Feb | 25,623,480 |
| | Mar | 25,871,810 |
| | Apr | 22,283,980 |
| | May | 22,297,260 |
| | June | 23,777,670 |
| | July | 26,324,020 |
| | Aug | 25,478,520 |
| | Sep | 24,166,620 |
| | Oct | 23,670,350 |
| | Nov | 24,281,150 |
| | Dec | 26,709,210 |
| 2009 | Jan | 27,929,332 |
| | Feb | 23,550,989 |
| | Mar | 24,570,961 |
| | Apr | 21,637,635 |
| | May | 20,988,913 |
| | June | 22,361,049 |
| | July | 23,002,366 |
| | Aug | 25,799,177 |
| | Sep | 23,063,555 |
| | Oct | 23,127,451 |
| | Nov | 23,082,942 |
| | Dec | 25,929,754 |
| | Jan | 26,612,098 |
| | Feb | 23,530,384 |

| | | | |
|------|------|------------|--|
| 2010 | Mar | 23,603,010 | |
| | Apr | 20,729,870 | |
| | May | 22,592,407 | |
| | June | 23,496,388 | |
| | July | 27,083,186 | |
| | Aug | 27,734,973 | |
| | Sep | 24,073,743 | |
| | Oct | 22,590,141 | |
| | Nov | 23,573,944 | |
| | Dec | 25,812,916 | |
| | 2011 | Jan | |
| | | Feb | |
| Mar | | | |
| Apr | | | |
| May | | | |
| June | | | |
| July | | | |
| Aug | | | |
| Sep | | | |
| Oct | | | |
| Nov | | | |
| Dec | | | |

| P | | |
|------|-------|---------------------|
| Year | Month | Heating Degree Days |
| 2010 | Jan | 741.59 |
| | Feb | 667.16 |
| | Mar | 559.87 |
| | Apr | 331.77 |
| | May | 179.17 |
| | June | 37.40 |
| | July | 5.24 |
| | Aug | 12.11 |
| | Sep | 63.37 |
| | Oct | 261.30 |
| | Nov | 413.47 |
| | Dec | 626.73 |
| | Jan | 741.59 |

| | | |
|-------------|-------------|--------|
| 2011 | Feb | 667.16 |
| | Mar | 559.87 |
| | Apr | 331.77 |
| | May | 179.17 |
| | June | 37.40 |
| | July | 5.24 |
| | Aug | 12.11 |
| | Sep | 63.37 |
| | Oct | 261.30 |
| | Nov | 413.47 |
| | Dec | 626.73 |

using OLD NUMBERS-same as

Rate Cl:

| Year | kWh Purchases | Modeled kWh Purchases | Loss Factor | Total Billed |
|------|---------------|-----------------------|-------------|--------------|
| 2005 | 236,756,080 | 237,105,183 | 1.0707 | 221,115,207 |
| 2006 | 242,722,450 | 241,529,155 | 1.0957 | 221,518,681 |
| 2007 | 306,747,610 | 303,227,205 | 1.0658 | 287,802,804 |
| 2008 | 297,492,850 | 298,065,175 | 1.0570 | 281,438,922 |
| 2009 | 285,044,124 | 288,836,397 | 1.0506 | 271,310,355 |
| 2010 | | 293,500,326 | | 274,447,754 |
| 2011 | | 292,363,223 | | 273,384,466 |

Loss Factor = $1 + (\text{kWh Purchases} - \text{Total Billed}) / (\text{Total Billed})$

Difference kWh = Modeled kWh Purchases - kWh Purchases

% Difference = Difference kWh / kWh Purchases

**Average Loss
Factor
Average Loss
Factor**

Average Customer Number

| Year | Residential | GS < 50 kW | GS > 50 kW (50 to 4999 kW) | Streetlight |
|-------------|-------------|------------|----------------------------|-------------|
| 2006 | 7,689 | 1,247 | 114 | 2,646 |
| 2007 | 7,822 | 1,200 | 111 | 2,653 |
| 2008 | 7,920 | 1,203 | 108 | 2,640 |

| | | | | |
|-------------|-------|-------|-----|-------|
| 2009 | 8,033 | 1,249 | 104 | 2,640 |
| 2010 | 8,170 | 1,314 | 109 | 2,640 |
| 2011 | 8,290 | 1,315 | 106 | 2,630 |

| Growth Rate in Customer Number | | | | |
|---------------------------------------|--------------------|----------------------|--------------------------------------|--------------------|
| Year | Residential | GS < 50 kW | GS > 50 kW (50 to 4999 kW) | Streetlight |
| 2007 | 1.017 | 0.963 | 0.969 | 1.002 |
| 2008 | 1.013 | 1.002 | 0.977 | 0.995 |
| 2009 | 1.014 | 1.038 | 0.959 | 1.000 |
| Geometric Mean | 1.015 | 1.001 | 0.969 | 0.999 |

| Usage Per Customer | | | | |
|---------------------------|--------------------|----------------------|------------------------------------|------------------------|
| Year | Residential | GS < 50 kW | GS>50kW (50 to 4,999 kW) | Street Lighting |
| 2005 | | | | |
| 2006 | 10,348 | 27,602 | 922,031 | 645 |
| 2007 | 10,243 | 28,141 | 1,551,857 | 646 |
| 2008 | 10,032 | 29,136 | 1,523,525 | 650 |
| 2009 | 9,902 | 28,934 | 1,478,982 | 648 |
| 2010 | 9,803 | 29,392 | 1,456,798 | 648 |
| 2011 | 9,705 | 29,857 | 1,434,946 | 649 |

Usage Per Customer = Class Type kWh / Average Customer Number (by Class Type)

Example : 2006 Residential Usage Per Customer Calculation

Usage Per Customer = Residential kWh / Residential Customer Number

Usage Per Customer = 79,560,842 / 7,689 = 10,348

Ratio Between the Years

| Year | Residential | GS < 50 kW | GS>50kW (50 to 4,999 kW) | Street Lighting |
|-------------|--------------------|----------------------|------------------------------------|------------------------|
| 2005 | | | | |
| 2006 | | | | |
| 2007 | 0.99 | 1.02 | 1.68 | 1.00 |

| | | | | |
|-----------------------|------|------|------|------|
| 2008 | 0.98 | 1.04 | 0.98 | 1.01 |
| 2009 | 0.99 | 0.99 | 0.97 | 1.00 |
| Geometric Mean | 0.99 | 1.02 | 0.99 | 1.00 |

Ratio Between the Years:

To obtain a Geometric Mean in order to calculate Usage Per Customer for 2010, 2011

0.985

| Non-Weather Corrected Forecast | | | | |
|--------------------------------|-------------|------------|--------------------------|-----------------|
| Year | Residential | GS < 50 kW | GS>50kW (50 to 4,999 kW) | Street Lighting |
| 2010 | 80,090,431 | 38,626,044 | 159,345,849 | 1,711,505 |
| 2011 | 80,456,513 | 39,258,491 | 152,041,991 | 1,707,054 |

| Weather Corrected Forecast | | | | |
|----------------------------|-------------|------------|--------------------------|-----------------|
| Year | Residential | GS < 50 kW | GS>50kW (50 to 4,999 kW) | Street Lighting |
| 2010 | 77,571,779 | 37,411,348 | 157,033,060 | 1,711,505 |
| 2011 | 80,122,583 | 39,095,551 | 151,750,742 | 1,707,054 |

| %weather sen/total | | | |
|--------------------|-----|-----|----|
| 65% | 65% | 30% | 0% |

| % Weather Sensitive | | | | |
|---------------------|-------------|------------|--------------------------|-----------------|
| Year | 65% | 65% | 30% | 0% |
| | Residential | GS < 50 kW | GS>50kW (50 to 4,999 kW) | Street Lighting |
| 2010 | 52,058,780 | 25,106,929 | 47,803,755 | 0 |
| 2011 | 52,296,734 | 25,518,019 | 45,612,597 | 0 |

| Allocation Weather Sensitive Amount | | | | |
|-------------------------------------|-------------|------------|--------------------------|-----------------|
| Year | Residential | GS < 50 kW | GS>50kW (50 to 4,999 kW) | Street Lighting |
| 2010 | -2,518,651 | -1,214,696 | -2,312,789 | 0 |
| 2011 | -333,930 | -162,940 | -291,250 | 0 |



| CDM Activity Variable |
|-----------------------|
| 122,011.60 |
| 129,118.91 |
| 136,226.22 |
| 143,333.53 |
| 150,440.84 |
| 157,548.14 |
| 164,655.45 |
| 171,762.76 |
| 178,870.07 |
| 185,977.38 |
| 193,084.69 |
| 200,192.00 |
| 191,542.93 |
| 194,027.55 |
| 196,512.16 |
| 198,996.78 |
| 201,481.40 |
| 203,966.02 |
| 206,450.64 |
| 208,935.26 |
| 211,419.88 |
| 213,904.50 |
| 216,389.12 |
| 218,873.74 |

| Value |
|--------------|
| 1,517,675.30 |
| 1,378,851.49 |
| 2,402,303.96 |
| 1,533,876.09 |
| 2,268,699.67 |
| 2,626,484.89 |

| Cur | | |
|------|-------|-------------|
| Year | Month | Residential |
| 2010 | Jan | 8,145 |
| | Feb | 8,180 |
| | Mar | 8,175 |
| | Apr | 8,189 |
| | May | 8,184 |
| | June | 8,170 |
| | July | 8,202 |
| | Aug | 8,194 |
| | Sep | 8,193 |
| | Oct | 8,219 |
| | Nov | 8,213 |
| | Dec | 8,215 |

| for CDM activity calc | |
|-----------------------|----|
| jan | 1 |
| feb | 2 |
| mar | 3 |
| apr | 4 |
| may | 5 |
| jun | 6 |
| | |
| jul | 7 |
| | |
| aug | 8 |
| sep | 9 |
| oct | 10 |
| nov | 11 |
| dec | 12 |

| Sentinel Light | |
|----------------|-----|
| | 191 |
| | 142 |
| | 139 |
| | 179 |
| | 175 |
| | 172 |

JT

CS

0.952498942
0.907254235
0.896754715
973767.9473
60

| df | SS | MS | F | Significance F |
|----|-------------|-------------|-------------|----------------|
| 6 | 4.91611E+14 | 8.19352E+13 | 86.40911092 | 1.39678E-25 |
| 53 | 5.02559E+13 | 9.48224E+11 | | |
| 59 | 5.41867E+14 | | | |

| Coefficients | Standard Error | t Stat | P-value | Lower 95% | Upper 95% |
|----------------|----------------|--------|---------|----------------|---------------|
| -14,859,932.85 | 12,499,254.08 | -1.19 | 0.24 | -39,930,261.08 | 10,210,395.38 |
| 6,014.76 | 665.96 | 9.03 | 0.00 | 4,679.03 | 7,350.50 |
| 43,198.64 | 4,545.14 | 9.50 | 0.00 | 34,082.25 | 52,315.02 |

| | | | | | |
|--------------|------------|-------|------|--------------|--------------|
| 145,506.67 | 87,754.59 | 1.66 | 0.10 | -30,506.73 | 321,520.08 |
| 391,961.59 | 156,263.32 | 2.51 | 0.02 | 78,537.07 | 705,386.11 |
| 5,461,949.59 | 590,928.10 | 9.24 | 0.00 | 4,276,697.96 | 6,647,201.22 |
| -5.26 | 4.85 | -1.08 | 0.28 | -14.99 | 4.48 |

PUT

on Statistics

| |
|------------|
| 0.95 |
| 0.91 |
| 0.90 |
| 973,767.95 |
| 60.00 |

| <i>df</i> | <i>SS</i> | <i>MS</i> | <i>F</i> | <i>Significance F</i> |
|-----------|-------------|-------------|-------------|-----------------------|
| 6 | 4.91611E+14 | 8.19352E+13 | 86.40911092 | 1.39678E-25 |
| 53 | 5.02559E+13 | 9.48224E+11 | | |
| 59 | 5.41867E+14 | | | |

| <i>Coefficients</i> | <i>Standard Error</i> | <i>t Stat</i> | <i>P-value</i> | <i>Lower 95%</i> | <i>Upper 95%</i> |
|---------------------|-----------------------|---------------|----------------|------------------|------------------|
| - 14,859,932.85 | 12,499,254.08 | - 1.19 | 0.24 | - 39,930,261.08 | 10,210,395.38 |
| 6,014.76 | 665.96 | 9.03 | 0.00 | 4,679.03 | 7,350.50 |
| 43,198.64 | 4,545.14 | 9.50 | 0.00 | 34,082.25 | 52,315.02 |
| 5,461,949.59 | 590,928.10 | 9.24 | 0.00 | 4,276,697.96 | 6,647,201.22 |
| 391,961.59 | 156,263.32 | 2.51 | 0.02 | 78,537.07 | 705,386.11 |
| 145,506.67 | 87,754.59 | 1.66 | 0.10 | - 30,506.73 | 321,520.08 |
| - 5.26 | 4.85 | - 1.08 | 0.28 | - 14.99 | 4.48 |

| Heating Degree Days | Cooling Degree Days | Ontario Real GDP Monthly % | Number of Days/Month | GS>50kW Flag for 2006 | CDM Activity Variable |
|---------------------|---------------------|----------------------------|----------------------|-----------------------|-----------------------|
| 778.9 | 0 | 130.74 | 31 | 0 | 0.00 |
| 657.4 | 0 | 131.03 | 28 | 0 | 0.00 |
| 543.7 | 0 | 131.33 | 31 | 0 | 0.00 |
| 315.3 | 0 | 131.62 | 30 | 0 | 0.00 |
| 200.3 | 0 | 131.91 | 31 | 0 | 0.00 |
| 13.9 | 129.4 | 132.20 | 30 | 0 | 0.00 |
| 0.7 | 153.6 | 132.50 | 31 | 0 | 0.00 |
| 2.1 | 99.1 | 132.79 | 31 | 0 | 0.00 |
| 24.6 | 29.4 | 133.09 | 30 | 0 | 0.00 |
| 230.9 | 6.1 | 133.38 | 31 | 0 | 0.00 |
| 397.8 | 0 | 133.68 | 30 | 0 | 0.00 |
| 694.6 | 0 | 133.98 | 31 | 0 | 0.00 |
| 566.2 | 0 | 134.25 | 31 | 0 | 10,539.41 |
| 613.5 | 0 | 134.53 | 28 | 0 | 21,078.82 |
| 543.7 | 0 | 134.81 | 31 | 0 | 31,618.24 |
| 315.3 | 0 | 135.08 | 30 | 0 | 42,157.65 |
| 161.4 | 23.3 | 135.36 | 31 | 0 | 52,697.06 |
| 24.5 | 41 | 135.64 | 30 | 0 | 63,236.47 |

| | | | | | |
|--------|-------|--------|-------|---|------------|
| 1.7 | 131.6 | 135.92 | 31 | 0 | 73,775.88 |
| 8.1 | 70.1 | 136.20 | 31 | 0 | 84,315.29 |
| 105.3 | 4.1 | 136.48 | 30 | 0 | 94,854.71 |
| 304.1 | 0 | 136.76 | 31 | 0 | 105,394.12 |
| 393.1 | 0 | 137.04 | 30 | 1 | 115,933.53 |
| 525.1 | 0 | 137.33 | 31 | 1 | 126,472.94 |
| 665.6 | 0 | 137.59 | 31 | 1 | 125,508.89 |
| 761.8 | 0 | 137.85 | 28 | 1 | 124,544.83 |
| 565.2 | 0 | 138.11 | 31 | 1 | 123,580.78 |
| 374.2 | 0 | 138.37 | 30 | 1 | 122,616.73 |
| 138.4 | 23.3 | 138.63 | 31 | 1 | 121,652.67 |
| 19.2 | 74.4 | 138.90 | 30 | 1 | 120,688.62 |
| 9.2 | 82 | 139.16 | 31 | 1 | 119,724.56 |
| 8.4 | 106 | 139.42 | 31 | 1 | 118,760.51 |
| 55.2 | 37.2 | 139.69 | 30 | 1 | 117,796.45 |
| 157.8 | 13 | 139.95 | 31 | 1 | 116,832.40 |
| 467.5 | 0 | 140.22 | 30 | 1 | 115,868.35 |
| 643.6 | 0 | 140.48 | 31 | 1 | 114,904.29 |
| 632.7 | 0 | 140.43 | 31 | 1 | 122,011.60 |
| 678.8 | 0 | 140.37 | 29 | 1 | 129,118.91 |
| 620.8 | 0 | 140.31 | 31 | 1 | 136,226.22 |
| 287.6 | 0 | 140.25 | 30 | 1 | 143,333.53 |
| 213.1 | 0.3 | 140.19 | 31 | 1 | 150,440.84 |
| 34.2 | 55 | 140.13 | 30 | 1 | 157,548.14 |
| 3.7 | 87.7 | 140.07 | 31 | 1 | 164,655.45 |
| 20.2 | 45.2 | 140.02 | 31 | 1 | 171,762.76 |
| 70.4 | 20.3 | 139.96 | 30 | 1 | 178,870.07 |
| 297.5 | 0 | 139.90 | 31 | 1 | 185,977.38 |
| 460.9 | 0 | 139.84 | 30 | 1 | 193,084.69 |
| 655.4 | 0 | 139.78 | 31 | 1 | 200,192.00 |
| 860.90 | 0.00 | 139.38 | 31.00 | 1 | 194,161.25 |
| 619.60 | 0.00 | 138.98 | 28.00 | 1 | 188,130.50 |
| 533.50 | 0.00 | 138.58 | 31.00 | 1 | 182,099.75 |
| 308.70 | 0.00 | 138.18 | 30.00 | 1 | 176,069.00 |
| 171.90 | 1.70 | 137.78 | 31.00 | 1 | 170,038.25 |
| 52.70 | 40.40 | 137.38 | 30.00 | 1 | 164,007.50 |
| 15.60 | 21.30 | 136.99 | 31.00 | 1 | 157,976.75 |
| 10.80 | 59.70 | 136.59 | 31.00 | 1 | 151,946.00 |
| 65.40 | 8.00 | 136.20 | 30.00 | 1 | 145,915.25 |
| 265.50 | 0.00 | 135.81 | 31.00 | 1 | 139,884.51 |
| 367.60 | 0.00 | 135.42 | 30.00 | 1 | 133,853.76 |
| 633.30 | 0.00 | 134.75 | 31.00 | 1 | 127,823.01 |
| 741.59 | 0.00 | 135.11 | 31.00 | 1 | 132,925.95 |
| 667.16 | 0.00 | 135.47 | 28.00 | 1 | 138,028.89 |

| | | | | | |
|--------|-------|--------|-------|---|------------|
| 559.87 | 0.00 | 135.83 | 31.00 | 1 | 143,131.83 |
| 331.77 | 0.00 | 136.19 | 30.00 | 1 | 148,234.77 |
| 179.17 | 8.81 | 136.55 | 31.00 | 1 | 153,337.72 |
| 37.40 | 56.39 | 136.91 | 30.00 | 1 | 158,440.66 |
| 5.24 | 89.51 | 137.28 | 31.00 | 1 | 163,543.60 |
| 12.11 | 71.80 | 137.64 | 31.00 | 1 | 168,646.54 |
| 63.37 | 18.70 | 138.01 | 30.00 | 1 | 173,749.48 |
| 261.30 | 2.73 | 138.38 | 31.00 | 1 | 178,852.42 |
| 413.47 | 0.00 | 138.75 | 30.00 | 1 | 183,955.36 |
| 626.73 | 0.00 | 139.12 | 31.00 | 1 | 189,058.31 |
| 741.59 | 0.00 | 139.39 | 31.00 | 1 | 191,542.93 |
| 667.16 | 0.00 | 139.66 | 28.00 | 1 | 194,027.55 |
| 559.87 | 0.00 | 139.94 | 31.00 | 1 | 196,512.16 |
| 331.77 | 0.00 | 140.21 | 30.00 | 1 | 198,996.78 |
| 179.17 | 8.81 | 140.49 | 31.00 | 1 | 201,481.40 |
| 37.40 | 56.39 | 140.76 | 30.00 | 1 | 203,966.02 |
| 5.24 | 89.51 | 141.04 | 31.00 | 1 | 206,450.64 |
| 12.11 | 71.80 | 141.31 | 31.00 | 1 | 208,935.26 |
| 63.37 | 18.70 | 141.59 | 30.00 | 1 | 211,419.88 |
| 261.30 | 2.73 | 141.87 | 31.00 | 1 | 213,904.50 |
| 413.47 | 0.00 | 142.15 | 30.00 | 1 | 216,389.12 |
| 626.73 | 0.00 | 142.43 | 31.00 | 1 | 218,873.74 |

| redicted Purchase kWh (New GDP Growth Rate used) | | | | | |
|--|----------------------------|----------------------|-----------------------|-----------------------|------------------------|
| Cooling Degree Days | Ontario Real GDP Monthly % | Number of Days/Month | GS>50kW Flag for 2006 | CDM Activity Variable | Predicted Purchase kWh |
| 0.00 | 135.11 | 31.00 | 1.00 | 132,925.95 | 26,173,407.05 |
| 0.00 | 135.47 | 28.00 | 1.00 | 138,028.89 | 24,575,326.17 |
| 0.00 | 135.83 | 31.00 | 1.00 | 143,131.83 | 25,131,526.09 |
| 0.00 | 136.19 | 30.00 | 1.00 | 148,234.77 | 23,393,350.06 |
| 8.81 | 136.55 | 31.00 | 1.00 | 153,337.72 | 23,274,116.78 |
| 56.39 | 136.91 | 30.00 | 1.00 | 158,440.66 | 24,110,487.68 |
| 89.51 | 137.28 | 31.00 | 1.00 | 163,543.60 | 25,766,314.48 |
| 71.80 | 137.64 | 31.00 | 1.00 | 168,646.54 | 25,068,726.10 |
| 18.70 | 138.01 | 30.00 | 1.00 | 173,749.48 | 22,717,672.37 |
| 2.73 | 138.38 | 31.00 | 1.00 | 178,852.42 | 23,636,781.04 |
| 0.00 | 138.75 | 30.00 | 1.00 | 183,955.36 | 24,068,963.78 |
| 0.00 | 139.12 | 31.00 | 1.00 | 189,058.31 | 25,770,498.83 |
| 0.00 | 139.39 | 31.00 | 1.00 | 191,542.93 | 26,487,987.71 |

| | | | | | |
|-------|--------|-------|------|------------|---------------|
| 0.00 | 139.66 | 28.00 | 1.00 | 194,027.55 | 24,891,161.26 |
| 0.00 | 139.94 | 31.00 | 1.00 | 196,512.16 | 25,448,554.53 |
| 0.00 | 140.21 | 30.00 | 1.00 | 198,996.78 | 23,711,510.52 |
| 8.81 | 140.49 | 31.00 | 1.00 | 201,481.40 | 23,593,347.72 |
| 56.39 | 140.76 | 30.00 | 1.00 | 203,966.02 | 24,430,727.36 |
| 89.51 | 141.04 | 31.00 | 1.00 | 206,450.64 | 26,087,500.92 |
| 71.80 | 141.31 | 31.00 | 1.00 | 208,935.26 | 25,390,797.11 |
| 18.70 | 141.59 | 30.00 | 1.00 | 211,419.88 | 23,040,565.55 |
| 2.73 | 141.87 | 31.00 | 1.00 | 213,904.50 | 23,960,433.75 |
| 0.00 | 142.15 | 30.00 | 1.00 | 216,389.12 | 24,393,313.16 |
| 0.00 | 142.43 | 31.00 | 1.00 | 218,873.74 | 26,095,481.80 |

report to brant county-october 13,2010

Mass Energy Model

| Residential | GS < 50 kW | GS > 50kW (50 to 4,999 kW) | Street Lighting | Sentinel Lighting | Unmetered Scattered Load (USL) |
|-------------|------------|----------------------------|-----------------|-------------------|--------------------------------|
| 81,427,289 | 36,179,422 | 101,120,635 | 1,645,693 | 210,113 | 532,055 |
| 79,560,842 | 34,406,201 | 105,111,506 | 1,707,240 | 208,256 | 524,636 |
| 80,124,626 | 33,769,287 | 171,480,226 | 1,712,240 | 196,420 | 520,005 |
| 79,456,965 | 35,036,376 | 164,540,705 | 1,714,986 | 187,414 | 502,476 |
| 79,540,610 | 36,124,082 | 153,259,553 | 1,709,467 | 180,387 | 496,256 |
| | | | | | |
| | | | | | |

1.0680

1.06942149

| Sentinel Light | Unmetered Scattered Load (USL) | Total | Total Customer | Sentinel Light |
|----------------|--------------------------------|--------|----------------|----------------|
| 242 | 58 | 11,995 | 9,049 | 191 |
| 240 | 57 | 12,081 | 9,133 | 142 |
| 231 | 55 | 12,156 | 9,231 | 139 |

| | | | |
|-----|----|--------|-------|
| 225 | 52 | 12,302 | 9,385 |
| 221 | 52 | 12,507 | 9,594 |
| 218 | 51 | 12,611 | 9,711 |

| |
|-----|
| 179 |
| 175 |
| 172 |

| Sentinel Light | Unmetered Scattered Load (USL) |
|----------------|--------------------------------|
| 0.991 | 0.975 |
| 0.964 | 0.965 |
| 0.973 | 0.961 |
| 0.976 | 0.967 |

| Sentinel Lighting | Unmetered Scattered Load (USL) |
|-------------------|--------------------------------|
| | |
| 1,093 | 9,052 |
| 1,388 | 9,204 |
| 1,353 | 9,220 |
| 1,007 | 9,475 |
| 997 | 9,537 |
| 987 | 9,599 |

usage per customer connection declines in the R partially the CDM programs initiated in 2005, in in 2007 and 2008

| Sentinel Lighting | Unmetered Scattered Load (USL) |
|-------------------|--------------------------------|
| | |
| | |
| 1.27 | 1.02 |

| | |
|------|------|
| 0.97 | 1.00 |
| 0.74 | 1.03 |
| 0.99 | 1.01 |

| |
|------|
| 0.99 |
| 0.97 |

| Sentinel Lighting | Unmetered Scattered Load (USL) | Total Billed |
|-------------------|--------------------------------|--------------|
| 220,581 | 499,482 | 280,493,891 |
| 215,167 | 493,370 | 274,172,586 |

| | 1 | 2 | |
|-------------------|--------------------------------|--------------|---|
| Sentinel Lighting | Unmetered Scattered Load (USL) | Total Billed | Total billed (from Rate Class Energy Model) |
| 220,581 | 499,482 | 274,447,754 | 274,447,754 |
| 215,167 | 493,370 | 273,384,466 | 273,384,466 |

1 and 2 Should be the same

| | |
|-----------------------|----|
| Not weather Sensitive | |
| 0% | 0% |

From Hydro
The Res. And GS<50kW is half way b
don't like the fact that Res and GS<5

| 0% | 0% | TOTAL | Adjustment |
|-------------------|--------------------------------|-------------|------------|
| Sentinel Lighting | Unmetered Scattered Load (USL) | | |
| 0 | 0 | 124,969,463 | -6,046,137 |
| 0 | 0 | 123,427,350 | -788,120 |

| Sentinel Lighting | Unmetered Scattered Load (USL) | Total |
|-------------------|--------------------------------|------------|
| 0 | 0 | -6,046,137 |
| 0 | 0 | -788,120 |

| rent Actual Customer Count by Class | | | | |
|-------------------------------------|----------------|-----------------|----------|-----------|
| GS < 50 kW | GS>50kW (50 to | Street Lighting | Sentinel | Unmetered |
| 1,288 | 107 | 2,640 | 218 | |
| 1,291 | 105 | 2,640 | 216 | |
| 1,290 | 106 | 2,640 | 215 | |
| 1,287 | 106 | 2,640 | 215 | |
| 1,287 | 106 | 2,640 | 213 | |
| 1,314 | 109 | 2,640 | 213 | |
| 1,344 | 110 | 2,640 | 213 | |
| 1,348 | 111 | 2,640 | 212 | |
| 1,342 | 111 | 2,640 | 209 | |
| 1,345 | 113 | 2,640 | 210 | |
| 1,337 | 115 | 2,640 | 210 | |
| 1,337 | 115 | 2,640 | 210 | |



| Lower 95.0% | Upper 95.0% |
|----------------|---------------|
| -39,930,261.08 | 10,210,395.38 |
| 4,679.03 | 7,350.50 |
| 34,082.25 | 52,315.02 |

| | |
|--------------|--------------|
| -30,506.73 | 321,520.08 |
| 78,537.07 | 705,386.11 |
| 4,276,697.96 | 6,647,201.22 |
| -14.99 | 4.48 |



| | <i>Lower 95.0%</i> | <i>Upper 95.0%</i> |
|---|--------------------|--------------------|
| - | 39,930,261.08 | ##### |
| | 4,679.03 | 7,350.50 |
| | 34,082.25 | 52,315.02 |
| | 4,276,697.96 | 6,647,201.22 |
| | 78,537.07 | 705,386.11 |
| - | 30,506.73 | 321,520.08 |
| - | 14.99 | 4.48 |

**Predicted kWh with New
Eco rate by energy probe**

| Predicted Purchase kWh (With New Economic Growth Rate) |
|---|
| 20,999,855.72 |
| 19,135,460.84 |
| 19,669,844.60 |
| 17,946,583.03 |
| 17,689,413.02 |
| 21,808,864.22 |
| 23,209,593.43 |
| 20,906,538.79 |
| 17,681,909.97 |
| 18,351,229.81 |
| 18,742,757.10 |
| 20,963,132.70 |
| 20,175,572.22 |
| 19,269,003.34 |
| 20,009,958.25 |
| 18,229,208.65 |
| 18,687,093.47 |
| 18,221,477.09 |

| |
|---------------|
| 22,375,332.51 |
| 19,742,428.25 |
| 17,069,392.82 |
| 18,465,460.16 |
| 24,056,331.74 |
| 25,227,896.10 |
| 26,115,940.00 |
| 25,561,717.07 |
| 25,598,213.43 |
| 24,100,618.26 |
| 24,124,085.51 |
| 25,265,945.39 |
| 25,969,472.24 |
| 27,044,903.69 |
| 24,005,915.45 |
| 24,013,206.34 |
| 24,966,129.09 |
| 26,461,058.41 |
| 26,349,587.69 |
| 25,797,038.79 |
| 26,186,203.09 |
| 23,744,223.74 |
| 23,655,149.60 |
| 24,504,220.63 |
| 26,079,439.00 |
| 24,296,855.56 |
| 23,085,307.60 |
| 23,920,411.46 |
| 24,465,387.72 |
| 25,981,349.81 |
| 27,190,549.81 |
| 24,536,637.99 |
| 25,168,154.76 |
| 23,397,745.28 |
| 23,014,162.76 |
| 23,551,033.08 |
| 22,868,923.34 |
| 24,473,216.15 |
| 22,150,792.08 |
| 23,375,384.20 |
| 23,572,359.80 |
| 25,496,759.07 |
| 26,173,407.05 |
| 24,575,326.17 |

2010

| Month | kWh |
|-------|-----------|
| Jan | 7,162,468 |
| Feb | 8,230,609 |
| Mar | 7,028,747 |
| Apr | 6,460,107 |
| May | 5,837,282 |
| June | 5,500,475 |
| July | 6,647,056 |
| Aug | 8,095,912 |
| Sep | 8,015,922 |
| Oct | 6,589,977 |
| Nov | 5,504,664 |
| Dec | 5,781,304 |
| | |

| SUMMARY OUTPUT | | |
|------------------------------|-------------|-------------|
| <i>Regression Statistics</i> | | |
| Multiple R | 0.952498942 | |
| R Square | 0.907254235 | |
| Adjusted R Squar | 0.896754715 | |
| Standard Error | 973767.9473 | |
| Observations | 60 | |
| <i>ANOVA</i> | | |
| | <i>df</i> | <i>SS</i> |
| Regression | 6 | 4.91611E+14 |

| | |
|----------------|------------|
| Billed/Accrued | 24,607,260 |
| | 26,205,766 |

| | | | | |
|---------------|------------|------------------------------|---------------------|-----------------------|
| 25,131,526.09 | 23,580,979 | Residual | 53 | 5.02559E+13 |
| 23,393,350.06 | 23,508,460 | Total | 59 | 5.41867E+14 |
| 23,274,116.78 | 21,153,834 | | | |
| 24,110,487.68 | 21,264,982 | | <i>Coefficients</i> | <i>Standard Error</i> |
| 25,766,314.48 | 23,080,487 | Intercept | -14859932.85 | 12499254.08 |
| 25,068,726.10 | 25,887,467 | Heating Degree [| 6014.761825 | 665.9551394 |
| 22,717,672.37 | 27,074,416 | Cooling Degree [| 43198.63816 | 4545.135161 |
| 23,636,781.04 | 24,717,084 | Ontario Real GDf | 145506.6749 | 87754.58562 |
| 24,068,963.78 | 21,683,726 | Number of Days/ | 391961.5878 | 156263.3189 |
| 25,770,498.83 | 22,670,879 | GS>50kW Flag fo | 5461949.591 | 590928.0956 |
| 26,487,987.71 | | CDM Activity Var | -5.258390622 | 4.854008208 |
| 24,891,161.26 | | SUMMARY OUTPUT | | |
| 25,448,554.53 | | <i>Regression Statistics</i> | | |
| 23,711,510.52 | | Multiple R | 0.93913351 | |
| 23,593,347.72 | | R Square | 0.88197175 | |
| 24,430,727.36 | | Adjusted R Squar | 0.871076834 | |
| 26,087,500.92 | | Standard Error | 1053863.51 | |
| 25,390,797.11 | | Observations | 72 | |
| 23,040,565.55 | | ANOVA | | |
| 23,960,433.75 | | | <i>df</i> | <i>SS</i> |
| 24,393,313.16 | | Regression | 6 | 5.3945E+14 |
| 26,095,481.80 | | Residual | 65 | 7.21908E+13 |
| | | Total | 71 | 6.1164E+14 |
| | | | <i>Coefficients</i> | <i>Standard Error</i> |
| | | Intercept | 21,446,909.5 | ##### |
| | | Heating Degree [| 5,995.6 | 667.3 |
| | | Cooling Degree [| 46,144.8 | 4,657.7 |
| | | Ontario Real GDf | 181,535.8 | 81,344.0 |
| | | Number of Days/ | 447,142.2 | 153,417.6 |
| | | GS>50kW Flag fo | 5,280,372.6 | 615,897.3 |
| | | CDM Activity Var - | 5.2 | 4.8 |

| <u>Forecast Date</u> | <u>2010</u> | <u>2011</u> |
|----------------------|-------------|-------------|
| CIBC Sept. 30, 2010 | 3.4 | 1.7 |

residential after 2006. This decline could be due to
conjunction with cooler summer weather experienced

220,581

One RUNS Excel Files

between the %GS>50 and 100%. Intervenors
10kW classes are 100% weather sensitive.



| 2010 Actual | | | | |
|-------------|-------|-------------|------------|------------|
| Year | Month | Residential | GS < 50 kW | GS>50kW |
| | | kWh | kWh | kWh |
| 2010 | Jan | 7,256,748 | 3,311,680 | 13,790,950 |
| | Feb | 8,326,173 | 3,677,446 | 13,954,782 |
| | Mar | 7,111,749 | 3,330,317 | 12,924,353 |
| | Apr | 6,542,937 | 3,218,070 | 13,531,422 |
| | May | 5,902,349 | 2,964,516 | 12,095,217 |
| | June | 5,568,955 | 2,646,414 | 12,869,919 |
| | July | 6,721,166 | 2,871,728 | 13,321,409 |
| | Aug | 8,179,720 | 3,151,451 | 14,384,786 |
| | Sep | 8,098,259 | 3,613,813 | 15,177,097 |
| | Oct | 6,655,912 | 3,667,446 | 14,194,855 |
| | Nov | 5,566,885 | 2,941,900 | 12,964,790 |
| | Dec | 5,854,951 | 2,921,833 | 13,661,932 |

| Residential | Residential LTL | Res total | GS < 50 kW |
|-------------|-----------------|-----------|------------|
| 7,162,468 | 94,280 | 7,256,748 | 3,296,981 |
| 8,230,609 | 95,564 | 8,326,173 | 3,661,962 |
| 7,028,747 | 83,002 | 7,111,749 | 3,317,752 |
| 6,460,107 | 82,830 | 6,542,937 | 3,202,369 |
| 5,837,282 | 65,067 | 5,902,349 | 2,931,960 |
| 5,500,475 | 68,480 | 5,568,955 | 2,611,525 |
| 6,647,056 | 74,110 | 6,721,166 | 2,879,475 |
| 8,095,912 | 83,808 | 8,179,720 | 3,135,484 |
| 8,015,922 | 82,337 | 8,098,259 | 3,597,655 |
| 6,589,977 | 65,935 | 6,655,912 | 3,653,531 |
| 5,504,664 | 62,221 | 5,566,885 | 2,929,872 |
| 5,781,304 | 73,647 | 5,854,951 | 2,908,006 |

2010

| Residential Class | | GS<50 | | | |
|---------------------|------------|-----------|---------------------|------------|------------|
| Customer Connection | LTLT (kWh) | kWh | Customer Connection | LTLT (kWh) | kWh |
| 8,145 | 94,280 | 3,296,981 | 1,288 | 14,699 | 13,790,950 |
| 8,180 | 95,564 | 3,661,962 | 1,291 | 15,484 | 13,954,782 |
| 8,175 | 83,002 | 3,317,752 | 1,290 | 12,565 | 12,924,353 |
| 8,189 | 82,830 | 3,202,369 | 1,287 | 15,701 | 13,531,422 |
| 8,184 | 65,067 | 2,931,960 | 1,287 | 32,556 | 12,095,217 |
| 8,170 | 68,480 | 2,611,525 | 1,314 | 34,889 | 12,869,919 |
| 8,202 | 74,110 | 2,879,475 | 1,344 | -7,747 | 13,321,409 |
| 8,194 | 83,808 | 3,135,484 | 1,348 | 15,967 | 14,384,786 |
| 8,193 | 82,337 | 3,597,655 | 1,342 | 16,158 | 15,177,097 |
| 8,219 | 65,935 | 3,653,531 | 1,345 | 13,915 | 14,194,855 |
| 8,213 | 62,221 | 2,929,872 | 1,337 | 12,028 | 12,964,790 |
| 8,215 | 73,647 | 2,908,006 | 1,337 | 13,827 | 13,661,932 |
| | | | | | |

USING NEW GDP RATE

| <i>MS</i> | <i>F</i> | <i>Significance F</i> |
|-------------|-------------|-----------------------|
| 8.19352E+13 | 86.40911092 | 1.39678E-25 |

9.48224E+11

| <i>t Stat</i> | <i>P-value</i> | <i>Lower 95%</i> | <i>Upper 95%</i> | <i>Lower 95.0%</i> | <i>Upper 95.0%</i> |
|---------------|----------------|------------------|------------------|--------------------|--------------------|
| -1.188865572 | 0.23979209 | -39930261.08 | 10210395.38 | -39930261.08 | 10210395.38 |
| 9.031782277 | 2.61447E-12 | 4679.025002 | 7350.498648 | 4679.025002 | 7350.498648 |
| 9.504368216 | 4.82635E-13 | 34082.25173 | 52315.0246 | 34082.25173 | 52315.0246 |
| 1.658109076 | 0.103203303 | -30506.72972 | 321520.0795 | -30506.72972 | 321520.0795 |
| 2.508340349 | 0.015225642 | 78537.06906 | 705386.1066 | 78537.06906 | 705386.1066 |
| 9.243002035 | 1.2253E-12 | 4276697.957 | 6647201.224 | 4276697.957 | 6647201.224 |
| -1.083308968 | 0.283575157 | -14.99429792 | 4.477516676 | -14.99429792 | 4.477516676 |

WITH NEW CDM TARGETS

| <i>MS</i> | <i>F</i> | <i>Significance F</i> |
|-------------|-------------|-----------------------|
| 8.99083E+13 | 80.95260184 | 3.13153E-28 |
| 1.11063E+12 | | |

| <i>t Stat</i> | <i>P-value</i> | <i>Lower 95%</i> | <i>Upper 95%</i> | <i>Lower 95.0%</i> | <i>Upper 95.0%</i> |
|---------------|----------------|--------------------|------------------|--------------------|--------------------|
| - | 1.8 | 0.1 - 44,633,527.1 | 1,739,708.1 | - 44,633,527.1 | 1,739,708.1 |
| | 9.0 | 0.0 4,662.9 | 7,328.3 | 4,662.9 | 7,328.3 |
| | 9.9 | 0.0 36,842.6 | 55,446.9 | 36,842.6 | 55,446.9 |
| | 2.2 | 0.0 19,080.7 | 343,990.9 | 19,080.7 | 343,990.9 |
| | 2.9 | 0.0 140,746.2 | 753,538.3 | 140,746.2 | 753,538.3 |
| | 8.6 | 0.0 4,050,340.8 | 6,510,404.4 | 4,050,340.8 | 6,510,404.4 |
| - | 1.1 | 0.3 - 14.8 | 4.5 | - 14.8 | 4.5 |

New Eco Rate used, only difference is in 2009,2010 and 20

| Rate Class Energy Model (With New Economic Rate) | | | | | |
|--|-----------------------|--------------|--------------|-------------|------------|
| kWh Purchases | Modeled kWh Purchases | Loss Factor | Total Billed | Residential | GS < 50 kW |
| 236,756,080 | 237,105,183 | 1.0707 | 221,115,207 | 81,427,289 | 36,179,422 |
| 242,722,450 | 241,529,155 | 1.0957 | 221,518,681 | 79,560,842 | 34,406,201 |
| 306,747,610 | 303,227,205 | 1.0658 | 287,802,804 | 80,124,626 | 33,769,287 |
| 297,492,850 | 298,065,175 | 1.0570 | 281,438,922 | 79,456,965 | 35,036,376 |
| 285,044,124 | 288,795,718 | 1.0506201431 | 271,310,355 | 79,540,610 | 36,124,082 |
| | 293,687,170 | 1.0482 | 280,182,380 | 79,960,664 | 38,563,460 |
| | 297,531,381 | | 283,849,820 | 84,556,802 | 41,259,213 |
| 291,433,060 | | | 285,435,340 | 81,785,804 | 38,316,614 |

rhs

Loss Factor average 1.0482

| Non-Weather Corrected Forecast | N | | |
|--------------------------------|------------|-------------|------------|
| | Year | Residential | GS < 50 kW |
| | 2010 | 80,090,431 | 38,626,044 |
| 2011 | 80,456,513 | 39,258,491 | |

| Weather Corrected Forecast | Weath | | |
|----------------------------|-------|-------------|------------|
| | Year | Residential | GS < 50 kW |

| | | |
|------|------------|------------|
| 2010 | 79,960,664 | 38,563,460 |
| 2011 | 84,556,802 | 41,259,213 |

| | |
|--------------------|-----|
| %weather sen/total | |
| 65% | 65% |

| | | | |
|---------------------|------|-------------|------------|
| % Weather Sensitive | | | |
| | Year | 65% | 65% |
| | | Residential | GS < 50 kW |
| | 2010 | 52,058,780 | 25,106,929 |
| | 2011 | 52,296,734 | 25,518,019 |

| | | | |
|-------------------------------------|------|-------------|------------|
| Allocation Weather Sensitive Amount | | | |
| | Year | Residential | GS < 50 kW |
| | 2010 | -129,767 | -62,584 |
| | 2011 | 4,100,288 | 2,000,722 |

| Total Purchases by Class | | | | | |
|--------------------------|-----------------|-----|-------------------|----|-----------|
| (50 to 4,999 kW) | Street Lighting | | Sentinel Lighting | | Unmetered |
| kW | kWh | kW | kWh | kW | kWh |
| 30,818 | 190,765 | 401 | 14,705 | 41 | 42,412 |
| 30,003 | 189,687 | 401 | 15,266 | 40 | 42,412 |
| 29,507 | 156,832 | 401 | 15,316 | 41 | 42,412 |
| 26,623 | 158,431 | 401 | 15,188 | 40 | 42,412 |
| 25,956 | 134,580 | 401 | 15,188 | 40 | 41,984 |
| 29,389 | 123,941 | 400 | 15,175 | 40 | 40,578 |
| 28,160 | 110,590 | 400 | 15,016 | 40 | 40,578 |
| 28,800 | 117,474 | 401 | 15,059 | 40 | 38,977 |
| 28,096 | 131,485 | 401 | 14,785 | 39 | 38,977 |
| 28,093 | 145,010 | 401 | 14,884 | 39 | 38,977 |
| 27,000 | 156,275 | 401 | 14,899 | 39 | 38,977 |
| 27,790 | 178,388 | 401 | 14,798 | 39 | 38,977 |

| GS < 50 kW | GS < 50 kW | Street Lighting | street light | St | |
|------------|------------|-----------------|--------------|---------|---|
| 14,699 | 3,311,680 | 189,695 | 1,070 | 190,765 | 3 |
| 15,484 | 3,677,446 | 188,617 | 1,070 | 189,687 | 3 |
| 12,565 | 3,330,317 | 155,762 | 1,070 | 156,832 | 3 |
| 15,701 | 3,218,070 | 157,361 | 1,070 | 158,431 | 3 |
| 32,556 | 2,964,516 | 133,510 | 1,070 | 134,580 | 3 |
| 34,889 | 2,646,414 | 122,871 | 1,070 | 123,941 | 2 |
| -7,747 | 2,871,728 | 109,520 | 1,070 | 110,590 | 2 |
| 15,967 | 3,151,451 | 116,404 | 1,070 | 117,474 | 3 |
| 16,158 | 3,613,813 | 130,415 | 1,070 | 131,485 | 3 |
| 13,915 | 3,667,446 | 143,940 | 1,070 | 145,010 | 3 |
| 12,028 | 2,941,900 | 155,205 | 1,070 | 156,275 | 3 |
| 13,827 | 2,921,833 | 177,318 | 1,070 | 178,388 | 3 |

2010

2010

| GS>50 | | | | Large USER | |
|--------|---------------------|------------|-----------|------------|---------|
| kW | Customer Connection | LTLT (kWh) | LTLT (KW) | | kWh |
| 30,818 | 107 | | | 0 | 189,695 |
| 30,003 | 105 | | | 0 | 188,617 |
| 29,507 | 106 | | | 0 | 155,762 |
| 26,623 | 106 | | | 0 | 157,361 |
| 25,956 | 106 | | | 0 | 133,510 |
| 29,389 | 109 | | | 0 | 122,871 |
| 28,160 | 110 | | | 0 | 109,520 |
| 28,800 | 111 | | | 0 | 116,404 |
| 28,096 | 111 | | | 0 | 130,415 |
| 28,093 | 113 | | | 0 | 143,940 |
| 27,000 | 115 | | | 0 | 155,205 |
| 27,790 | 115 | | | 0 | 177,318 |
| | | | | | |

11

| GS > 50kW (50 to 4,999 kW) | Street Lighting | Sentinel Lighting | Unmetered Scattered Load (USL) |
|----------------------------|-----------------|-------------------|--------------------------------|
| 101,120,635 | 1,645,693 | 210,113 | 532,055 |
| 105,111,506 | 1,707,240 | 208,256 | 524,636 |
| 171,480,226 | 1,712,240 | 196,420 | 520,005 |
| 164,540,705 | 1,714,986 | 187,414 | 502,476 |
| 153,259,553 | 1,709,467 | 180,387 | 496,256 |
| 159,226,689 | 1,711,505 | 220,581 | 499,482 |
| 155,618,215 | 1,707,054 | 215,167 | 493,370 |
| 162,871,512 | 1,793,458 | 180,279 | 487,673 |

| on-Weather Corrected Forecast | | | | |
|-------------------------------|-----------------|-------------------|--------------------------------|--------------|
| GS>50kW (50 to 4,999 kW) | Street Lighting | Sentinel Lighting | Unmetered Scattered Load (USL) | Total Billed |
| 159,345,849 | 1,711,505 | 220,581 | 499,482 | 280,493,891 |
| 152,041,991 | 1,707,054 | 215,167 | 493,370 | 274,172,586 |

| er Corrected Forecast | | | | 1 | 2 |
|--------------------------|-----------------|-------------------|--------------------------------|--------------|---|
| GS>50kW (50 to 4,999 kW) | Street Lighting | Sentinel Lighting | Unmetered Scattered Load (USL) | Total Billed | Total billed (from Rate Class Energy New Economic Rate) |
| | | | | | |

| | | | | | |
|-------------|-----------|---------|---------|-------------|-------------|
| 159,226,689 | 1,711,505 | 220,581 | 499,482 | 280,182,380 | 280,182,380 |
| 155,618,215 | 1,707,054 | 215,167 | 493,370 | 283,849,820 | 283,849,820 |

| | | | |
|-----|------------------------------|----|----|
| | Not weather Sensitive | | |
| 30% | 0% | 0% | 0% |



| % Weather Sensitive | | | | | |
|----------------------------|-----------------|-------------------|--------------------------------|-------------|------------|
| 30% | 0% | 0% | 0% | TOTAL | Adjustment |
| GS>50kW (50 to 4,999 kW) | Street Lighting | Sentinel Lighting | Unmetered Scattered Load (USL) | | |
| 47,803,755 | 0 | 0 | 0 | 124,969,463 | -311,511 |
| 45,612,597 | 0 | 0 | 0 | 123,427,350 | 9,677,234 |

| ation Weather Sensitive Amount | | | | |
|---------------------------------------|-----------------|-------------------|--------------------------------|-----------|
| GS>50kW (50 to 4,999 kW) | Street Lighting | Sentinel Lighting | Unmetered Scattered Load (USL) | Total |
| -119,160 | 0 | 0 | 0 | -311,511 |
| 3,576,223 | 0 | 0 | 0 | 9,677,234 |



| Street Lighting kW | |
|--------------------|-----|
| 398 | 401 |
| 398 | 401 |
| 398 | 401 |
| 398 | 401 |
| 398 | 401 |
| 398 | 400 |
| 398 | 400 |
| 398 | 401 |
| 398 | 401 |
| 398 | 401 |
| 398 | 401 |
| 398 | 401 |

2010

| Streetlights | | | | Sentinel lights | | |
|--------------|---------------------|------------|-----------|-----------------|----|---------------------|
| kW | Customer Connection | LTLT (kWh) | LTLT (kW) | kWh | kW | Customer Connection |
| 398 | 2,640 | 1,070 | 3 | 14,705 | 41 | 222 |
| 398 | 2,640 | 1,070 | 3 | 15,266 | 40 | 222 |
| 398 | 2,640 | 1,070 | 3 | 15,316 | 41 | 222 |
| 398 | 2,640 | 1,070 | 3 | 15,188 | 40 | 221 |
| 398 | 2,640 | 1,070 | 3 | 15,188 | 40 | 222 |
| 398 | 2,640 | 1,070 | 2 | 15,175 | 40 | 224 |
| 398 | 2,640 | 1,070 | 2 | 15,016 | 40 | 222 |
| 398 | 2,640 | 1,070 | 3 | 15,059 | 40 | 222 |
| 398 | 2,640 | 1,070 | 3 | 14,785 | 39 | 219 |
| 398 | 2,640 | 1,070 | 3 | 14,884 | 39 | 222 |
| 398 | 2,640 | 1,070 | 3 | 14,899 | 39 | 218 |
| 398 | 2,640 | 1,070 | 3 | 14,798 | 39 | 217 |
| | | | | | | |



1 and 2 Should be the same

From Hydro One RUNS Excel Files

The Res. And GS<50kW is half way between the %GS>50 and 100%. Intervenors don't like the fact that Res and GS<50kW classes are 100% weather sensitive.



| | | TOTAL BILLED/ACCRUED | | IMO BILLED | | |
|--------------|---------------------|----------------------|----------------|--------------------|-------|--------------------|
| USL | | TOTAL | TOTAL | TOTAL | TOTAL | IMO billed- Billed |
| kWh | Customer Connection | kWh | kW | kWh | kW | kWh Loss |
| 42,412 | 52 | 24,607,260 | 31,260 | 26,612,098 | | 2,004,838 |
| 42,412 | 52 | 26,205,766 | 30,444 | 23,530,384 | | -2,675,382 |
| 42,412 | 52 | 23,580,979 | 29,949 | 23,603,010 | | 22,031 |
| 42,412 | 52 | 23,508,460 | 27,064 | 20,729,870 | | -2,778,590 |
| 41,984 | 52 | 21,153,834 | 26,397 | 22,592,407 | | 1,438,573 |
| 40,578 | 52 | 21,264,982 | 29,829 | 23,496,388 | | 2,231,406 |
| 40,578 | 52 | 23,080,487 | 28,600 | 27,083,186 | | 4,002,699 |
| 38,977 | 52 | 25,887,467 | 29,241 | 27,734,973 | | 1,847,506 |
| 38,977 | 52 | 27,074,416 | 28,536 | 24,073,743 | | -3,000,673 |
| 38,977 | 51 | 24,717,084 | 28,533 | 22,590,141 | | -2,126,943 |
| 38,977 | 51 | 21,683,726 | 27,440 | 23,573,944 | | 1,890,218 |
| 38,977 | 51 | 22,670,879 | 28,230 | 25,812,916 | | 3,142,037 |
| TOTAL | | 285,435,340 | 345,523 | 291,433,060 | | 5,997,720 |

| kWh loss % |
|---------------|
| 7.53% |
| -11.37% |
| 0.09% |
| -13.40% |
| 6.37% |
| 9.50% |
| 14.78% |
| 6.66% |
| -12.46% |
| -9.42% |
| 8.02% |
| 12.17% |
| 1.54% |