



MIDLAND POWER UTILITY CORPORATION

16984 Highway#12 P.O. Box 820
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December 1, 2010

Ontario Energy Board
2300 Yonge Street
26th Floor
P.O. Box 2319
Toronto, Ontario
M4P 1E4

Attention: Ms. Kirsten Walli, Board Secretary

- and -

Mr. Michael Buonaguro, Counsel
c/o Public Interest Advocacy Centre
34 King Street East, Suite 1102
Toronto, ON
M5C 2X8

- and -

Dr. Robert Higgin
Econalysis Consulting Service
34 King Street East, Suite 1102
Toronto, ON
M5C 2X8

Dear Sirs:

Re: Midland Power Utility Corporation – 2011 IRM3 Rate Application
Licence #ED 2002-0541; Board File No. EB-2010-0099

Enclosed please find Midland's response to VECC Interrogatories due December 1, 2010. Should you have any questions please do not hesitate to contact the writer.

Yours very truly,

MIDLAND POWER UTILITY CORPORATION

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**Midland Power Utility Corporation
RESPONSE TO
VECC Interrogatories**

**2011 IRM3 Electricity Distribution Rates
Midland Power Utility Corporation ("Midland")
EB-2010-0099**

LRAM SSM

VECC IR# 1

References: Appendix A1 Page 15 and Appendix A2 Attachment A

Preamble: For SSM, a distributor may recover 5% of the net benefits (TRC) created by CDM portfolio investments. As set out in the CDM Guidelines, program net benefits are determined by the present value of the avoided electricity costs over the technology's/program's life minus the present value of program costs. All results are net of free ridership. Incentive payments identified by Midland PUC are excluded from these calculations. For all programs/projects, the OEB Total Resource Cost Guide, Section 5, Assumptions and Measures List September 8, 2005 were used in TRC calculations in accordance with OEB's direction letter, Conservation and Demand Management ("CDM") Input Assumptions Board File No.: EB- 2008-0352, January 27, 2009.

- a) Confirm that the current CDM Guidelines and Policy Letter as referenced above specify that

SSM

Assumptions used from the beginning of any year will be those assumptions in existence in the immediately prior year. For example, if any input assumptions change in 2007, those changes should apply for SSM purposes from the beginning of 2008 onwards until changed again....

- b) When (year and date) did the OPA change its Input assumptions (unit savings and free ridership) for CFLs under the Every Kilowatt Counts Campaigns.
- c) Provide a copy of the SeeLine EKC calculators before and after the change. Confirm /Show how the EKC assumptions compare to the latest OPA Mass Market and CI Measures and Input Assumptions.
- d) Provide a copy of the spreadsheet showing the SSM calculation as filed. Reconcile to Attachment C.
- e) Provide a calculation of the 3rd tranche SSM using the OPA EKC input assumptions for CFLs from the January (2007?) following the change in input assumptions. Provide a revised version of Attachment C.

MIDLAND RESPONSE:

- a) Confirmed. The OPA released new assumptions and measures lists in April 2009. Therefore, for any new programming starting January 2010, the new assumptions and measures will be used to calculate SSM.
- b) The unit savings (and free ridership) assumptions for CFLs embedded in the 2006 EKC Campaign calculator, although not explicitly identified, were imputed to be 104 kWh, consistent with the Conservation Bureau's December 2006 Residential Education and Coupon Incentive ("Every Kilowatt Counts") Program report. Changes to these assumptions were published when the OPA issued the revised assumptions and measures list in April 2009. In accordance with the guideline above, assumptions and measures list published by the OPA in April, 2009 were used in LRAM calculations only. SSM calculations therefore accurately reflect the use of 2005 assumptions and measures, representing those in existence at the time TRC calculations were performed for 3rd tranche CFL program decisions.
- c) SeeLine's EKC was not applied in the calculation of TRC results. Assumption changes are described in 5b)
- d) See Appendix A
- e) As per response in 5b), there would be no change to 3rd tranche SSM calculations since there was no change to input assumptions.

VECC IR# 2

References: Appendix A1 Page 16 and Appendix A2 Attachments A and E

Preamble: For all programs/projects, the most recently published OPA assumptions and measures list were used in LRAM calculations [emphasis added] in accordance with OEB's direction letter, Conservation and Demand Management ("CDM") Input Assumptions Board File No.: EB-2008-0352, January 27, 2009 and consistent with recent Decision and Order EB-2009-0192 for Horizon Utilities Corporation that directed LRAM calculations use the most current available input assumptions for all CDM programs.

- a) For LRAM the Guidelines and Policy Letter of January 27, 2009 Specify that

LRAM

The input assumptions used for the calculation of LRAM should be the best available at the time of the third party assessment referred to in section 7.5.

For example, if any input assumptions change in 2007, those changes should apply for LRAM purposes from the beginning of 2007 onwards until changed again.....

- b) Confirm the Input assumptions for the following 3rd tranche CDM programs:

- Residential CFL Giveaway –# units and unit kwh savings, operating hours, lifetime and free ridership for each year 2005-2009. Reconcile to net 244.944 total kwh and 5.67kw peak and to Attachment E.
 - Commercial CFL Giveaway –# units and unit and total kwh savings, operating hours, lifetime and free ridership for each year 2005-2009 Reconcile to net 113,400 total kwh and 23.03 kw peak and Attachment E.
- c) Explain why the free-ridership assumption for CFLs is maintained at 10%
- d) If the lifetime for CFLs in the Giveaways is less than the 5 years of kwh savings explain why free ridership should be increased and/or a persistence factor applied.

MIDLAND RESPONSE:

- a) Confirmed. The original LRAM submission was calculated using the OPA Input Assumptions (April 2009), representing best available input assumptions at the time, for all 2005/6 program results persisting between 2005 and 2009.

To align calculations with the LRAM statement above, the CFL programs results for 2005/2006 were adjusted to use the OEB Assumptions and Measures List (Oct 14, 2005). Applying the example above, only 2005/6 program results persisting for 2009 would be impacted by the April 2009 published OPA assumptions. As such, the following table summarizes the impacts on LRAM calculations initially submitted

| | | As Filed | | | Updated | | | Variance |
|------------|--------------------------------|----------|-------|---------------|---------|-------|---------------|--------------|
| | | kWh | kW | \$ | kWh | kW | \$ | \$ |
| 2006 | | | | | | | | |
| | Residential Lightbulb Giveaway | 244,944 | 5.67 | \$ 4,892.76 | 591,948 | 0 | \$ 11,824.16 | \$ 6,931.40 |
| | GS >50 Lightbulb Giveaway | 113,400 | 23.03 | \$ 1,607.45 | 113,400 | 23.03 | \$ 1,607.45 | \$ - |
| 2007 | | | | | | | | |
| | Residential Lightbulb Giveaway | 244,944 | 5.67 | \$ 4,833.56 | 591,948 | 0 | \$ 11,681.11 | \$ 6,847.55 |
| | GS >50 Lightbulb Giveaway | 113,400 | 23.03 | \$ 1,583.82 | 113,400 | 23.03 | \$ 1,583.82 | \$ - |
| 2008 | | | | | | | | |
| | Residential Lightbulb Giveaway | 244,944 | 5.67 | \$ 4,849.89 | 591,948 | 0 | \$ 11,720.57 | \$ 6,870.68 |
| | GS >50 Lightbulb Giveaway | 113,400 | 23.03 | \$ 1,587.60 | | | | -\$ 1,587.60 |
| 2009 | | | | | | | | |
| | Residential Lightbulb Giveaway | 244,944 | 5.67 | \$ 5,078.51 | 244,944 | 5.67 | \$ 5,078.51 | \$ - |
| | GS >50 Lightbulb Giveaway | 113,400 | 23.03 | \$ 1,791.72 | | | | -\$ 1,791.72 |
| Total LRAM | | | | \$ 210,203.56 | | | \$ 227,473.87 | \$ 17,270.31 |

In addition to the above, calculations were revised to remove persistence of results for 2008-2009 for the GS > 50 Lightbulb Giveaway, as the technology life is only 2 years. This is calculated to be a reduction of \$3,379.32 from the original filing.

The net total impact on LRAM calculations is \$17,270.31, revising the total LRAM calculated to \$227,473.87

- b) See Excel sheet: EB-2010-0099 Midland PUC VECC IR Questions.xlsx
Tab: VECC IR #2
- c) The CFL program was completed in 2005 for residential and 2006 for commercial sectors. At that time, OEB published assumptions and measures list tables were the source of the widely applied free ridership rate of 10%.
- d) Re free ridership, see answer to 6c)

Given the broad market acceptance of CFL's across all sectors, customers were reasonably expected to keep CFLs in place over the duration of the 2005-2010 period.

VECC IR# 3

Reference Appendix A Page 15 Results Table

- a) Based on the response to Questions X-Z provide a calculation of the revised LRAM/SSM schedules for 3rd tranche programs (including Carrying charges) and recalculate the rate riders.

MIDLAND RESPONSE:

- a) As noted below the revised LRAM/SSM schedule shows an increase in the rate rider from \$215,556.45 to \$232,826.76 a difference of \$17,270.31. A recalculation of the rate riders is provided below along with a reprint of the calculation of rate riders submitted with Midland's IRM Rate Filing in September, 2010.

LRAM & SSM Totals and Rate Rider Calculation Per IRM Filing September 2010

| Rate Class | | | |
|--------------------------|--------------|------------|--------------|
| | LRAM \$ | SSM \$ | TOTAL \$ |
| Third Tranche | | | |
| RESIDENTIAL | \$19,654.71 | \$3,993.42 | \$23,648.13 |
| GENERAL SERVICE <50KW | \$6,570.59 | \$704.38 | \$7,274.97 |
| UNMETERED SCATTERED LOAD | \$1,641.65 | \$655.09 | \$2,296.74 |
| - | | | |
| OPA Programs | | | |
| RESIDENTIAL | \$62,927.40 | | \$62,927.40 |
| GENERAL SERVICE <50KW | \$5,605.73 | | \$5,605.73 |
| GENERAL SERVICE >50KW | \$113,803.47 | | \$113,803.47 |
| | \$210,203.56 | \$5,352.90 | \$215,556.45 |

| Rate Riders by Class | | | |
|--|--------------|---------------------------|-----------------|
| Rate class | LRAM/SSM \$ | 2009 Audited RRR (Note 1) | Volumetric Rate |
| Third Tranche& OPA Programs | | | |
| RESIDENTIAL | \$86,575.54 | 47,639,419 | \$0.0018 |
| GENERAL SERVICE <50KW | \$12,880.70 | 24,772,837 | \$0.0005 |
| UNMETERED SCATTERED LOAD | \$2,296.74 | 528,948 | \$0.0043 |
| GENERAL SERVICE >50KW | \$113,803.47 | 329,053 | \$0.3459 |
| | \$215,556.45 | | |

Note 1

2009 Audited RRR - see sheet B1.3 Rate Class and Billing
Determinants of the 2011 IRM Deferral and Variance
Account Workform

LRAM & SSM Totals and Rate Rider Calculation re: VECC IR#3

| Rate Class | LRAM \$ | SSM \$ | TOTAL \$ |
|--------------------------|--------------|------------|--------------|
| <u>Third Tranche</u> | | | |
| RESIDENTIAL | \$40,304.34 | \$3,993.42 | \$44,297.76 |
| GENERAL SERVICE <50KW | \$3,191.27 | \$704.38 | \$3,895.65 |
| UNMETERED SCATTERED LOAD | \$1,641.65 | \$655.09 | \$2,296.74 |
| - | | | |
| <u>OPA Programs</u> | | | |
| RESIDENTIAL | \$62,927.40 | | \$62,927.40 |
| GENERAL SERVICE <50KW | \$5,605.73 | | \$5,605.73 |
| GENERAL SERVICE >50KW | \$113,803.47 | | \$113,803.47 |
| | \$227,473.87 | \$5,352.90 | \$232,826.76 |

| Rate Riders by Class | | | |
|--|--------------|---------------------------|-----------------|
| Rate class | LRAM/SSM \$ | 2009 Audited RRR (Note 1) | Volumetric Rate |
| <u>Third Tranche& OPA Programs</u> | | | |
| RESIDENTIAL | \$107,225.17 | 47,639,419 | \$0.0023 |
| GENERAL SERVICE <50KW | \$9,501.38 | 24,772,837 | \$0.0004 |
| UNMETERED SCATTERED LOAD | \$2,296.74 | 528,948 | \$0.0043 |
| GENERAL SERVICE >50KW | \$113,803.47 | 329,053 | \$0.3459 |
| | \$232,826.76 | | |

Note 1
2009 Audited RRR - see sheet B1.3 Rate Class and Billing
Determinants of the 2011 IRM Deferral and Variance
Account Workform

VECC IR# 4

References: Appendix A1 Page 16 and Appendix A2 Attachment B

Preamble OPA sponsored programs also represent lost revenue through their successful implementation and are included in LRAM calculations. Lost revenue from results attributable to Midland PUC funded programs were also included in the LRAM calculations. Although not specifically addressed in the CDM Guidelines, this assessment was considered to be consistent with the CDM Guideline intention of removing the disincentive of eroding distributor revenues due to lower than forecast revenues.

- a) Provide details of the OPA EKC campaigns from 2006-2009 that add to the data shown in Attachment B- Residential line 4 -Every Kilowatt Counts– i. # units
 - i. unit and total kwh savings,
 - ii. operating hours,
 - iii. lifetime and
 - iv. free ridershipfor each year 2006-2009
- b) Reconcile to the revenue for each year and the Total Revenue

MIDLAND RESPONSE:

- a) See Excel sheet: EB-2010-0099 Midland PUC VECC IR Questions.xlsx
Tab: VECC IR #4
- b)

Net Energy Savings (kWh)

| # | Initiative Name | Program Year | | 2006 | 2007 | 2008 | 2009 |
|---|-----------------------|--------------|---|---------|---------|---------|---------|
| 3 | Every Kilowatt Counts | 2006 | # | 415,455 | 415,455 | 415,455 | 415,455 |
| 8 | Every Kilowatt Counts | 2007 | # | 0 | 152,443 | 150,579 | 150,579 |

| # | Initiative Name | Program Year | | 2006 | 2007 | 2008 | 2009 |
|----|---|--------------|---|------|------|---------|---------|
| 22 | Every Kilowatt Counts Power Savings Event | 2008 | # | 0 | 0 | 140,632 | 140,020 |
| 37 | Every Kilowatt Counts Power Savings Event | 2009 | # | 0 | 0 | 0 | 37,620 |

2006 EKC: (1/4) * 415455 * 0.0211+ (3/4) * 415,455 * 0.0196 = \$8,298.71

2007 EKC: (1/3) * (415455+152443) * 0.0196 + (2/3) * (415455+152443) * 0.0198 = \$11,206.52

2008 EKC: (1/3) * (415455+150578) * 0.0198 + (2/3) * (415455+150578) * 0.0198 = \$11,207.47

2009 EKC: (1/3) * (415455+150578) * 0.0198 + (2/3) * (415455+150578) * 0.0212 = \$11,735.77

2007 EKC Power Savings Event: = (1/3) * 140,632 * 0.0198 + (2/3) * 140,632*0.0198 = \$2,784.51

2008 EKC Power Savings Event: = (1/3) * (140020+37620) * 0.0198 + (2/3) * (140020 + 37620) * 0.0212 = \$3,683.06

APPENDIX

A

-9-

Net Present Value_{TRC}

Utility

| | |
|---------------------------|-------------|
| Name of Utility: | Midland PUC |
| Number of years in study: | 4 |

Project Description

| | |
|------------------|-------------------------|
| Name of Project: | 2005 LIGHTBULB GIVEAWAY |
| Description: | 15W CFL RESIDENTIAL |

☒ OEB Residential Table

☐ OEB Commercial Table

☐ OEB Industrial Table

☐ Direct Input

☐ k\$

☒ \$

User Inputs

| | | |
|----------------------------|-------|---------|
| Discount rate | 9.00% | |
| Unit Annual Energy Savings | 0 | kW/unit |
| Number of Units Delivered | 6300 | |
| Free Ridership Rate | 10% | |

Output

| | |
|----------|------------|
| NPV (\$) | 128,611.71 |
|----------|------------|

| LDC Avoided Costs | | Present | 2006 | 2007 | 2008 | 2009 |
|---|------------|------------|-----------|-----------|-----------|-----------|
| Avoided Energy | | | 41,275.79 | 40,929.79 | 42,559.40 | 40,749.93 |
| Avoided Generation Capacity | | | - | - | - | - |
| Avoided Transmission Capacity | | | - | - | - | - |
| Avoided Distribution Capacity | | | - | - | - | - |
| Avoided Distribution Losses | | | - | - | - | - |
| Other Avoided Costs | | | | | | |
| Other Benefits | | | | | | |
| Total (undiscounted) Avoided Costs | | - | 41,275.79 | 40,929.79 | 42,559.40 | 40,749.93 |
| LDC Program Costs | | | | | | |
| LDC OM&A Costs | | | | | | |
| LDC Capital Costs | | | | | | |
| Incremental Equipment Costs | (11,340.0) | -11,340.00 | | | | |
| Participant Costs | | | | | | |
| Total Program Costs | | -11,340.00 | - | - | - | - |
| Total Avoided Costs less Program Costs | | -11,340.00 | 41,275.79 | 40,929.79 | 42,559.40 | 40,749.93 |

| | | 2006 | 2007 | 2008 | 2009 |
|---|------|------------|------------|-----------|-----------|
| Present value factor | 9.0% | 1.000 | 0.958 | 0.879 | 0.806 |
| Present value of cash flows | | -11,340.00 | 39,535.04 | 35,966.63 | 34,310.68 |
| Accumulated present value of cash flows | | -11,340.00 | 28,195.04 | 64,161.67 | 98,472.34 |
| NPV TRC | | | 128,611.71 | | |

-10-

Net Present Value_{TRC}

Utility

| | |
|---------------------------|-------------|
| Name of Utility: | Midland PUC |
| Number of years in study: | 2 |

Project Description

| | |
|------------------|-------------------------|
| Name of Project: | 2005 LIGHTBULB GIVEAWAY |
| Description: | 15W CFL - GS <50 CLASS |

- ☐ OEB Residential Table
☒ OEB Commercial Table
☐ OEB Industrial Table
☐ Direct Input

☐ k\$
☒ \$

User Inputs

| | | |
|----------------------------|-------|---------|
| Discount rate | 9.00% | |
| Unit Annual Energy Savings | 0 | kW/unit |
| Number of Units Delivered | 700 | |
| Free Ridership Rate | 10% | |

Output

| | |
|----------|-----------|
| NPV (\$) | 14,087.68 |
|----------|-----------|

| LDC Avoided Costs | | Present | 2006 | 2007 |
|--|-----------|-----------|----------|----------|
| Avoided Energy | | | 9,091.01 | 8,990.24 |
| Avoided Generation Capacity | | | - | - |
| Avoided Transmission Capacity | | | - | - |
| Avoided Distribution Capacity | | | - | - |
| Avoided Distribution Losses | | | - | - |
| Other Avoided Costs | | | | |
| Other Benefits | | | | |
| Total (undiscounted) Avoided Costs | | - | 9,091.01 | 8,990.24 |
| LDC Program Costs | | | | |
| LDC OM&A Costs | | | | |
| LDC Capital Costs | | | | |
| Incremental Equipment Costs | (2,520.0) | -2,520.00 | | |
| Participant Costs | | | | |
| Total Program Costs | | -2,520.00 | - | - |
| Total Avoided Costs less Program Costs | | -2,520.00 | 9,091.01 | 8,990.24 |

| | | 2006 | 2007 |
|---|------|-----------|----------|
| Present value factor | 9.0% | 1.000 | 0.958 |
| Present value of cash flows | | -2,520.00 | 8,707.61 |
| Accumulated present value of cash flows | | -2,520.00 | 6,187.61 |
| NPV TRC | | 14,087.68 | |

Excel Sheets

EB-2010-0099 Midland PUC VECC IR Questions

| # | Initiative Number | Initiative Name | Program Name | Program Year | Results Status | # | Measure Name | Unit Savings Assumptions | | | | | | | | LDC Results | | | | | | |
|-----|-------------------|---|--------------|--------------|----------------|----|--|---------------------------------------|-----------------------------------|-------------------------------------|-------------------------------------|---------------------------------|-----------------------------------|---------------------------------------|-----------------------------|----------------------|---------------------------------------|-----------------------------------|-------------------------------------|-------------------------------------|---------------------------------|-----------------------------------|
| | | | | | | | | Gross Summer Peak Demand Savings (kW) | Gross Annual Energy Savings (kWh) | Gross Lifetime Energy Savings (kWh) | Net Summer Peak Demand Savings (kW) | Net Annual Energy Savings (kWh) | Net Lifetime Energy Savings (kWh) | Aggregate Net-to-Gross Adjustment (%) | Effective Useful Life (EUL) | Activity Results (#) | Gross Summer Peak Demand Savings (kW) | Gross Annual Energy Savings (kWh) | Gross Lifetime Energy Savings (kWh) | Net Summer Peak Demand Savings (kW) | Net Annual Energy Savings (kWh) | Net Lifetime Energy Savings (kWh) |
| 9 | 3 | Every Kilowatt Counts | Consumer | 2006 | Final | 1 | Energy Star® Compact Fluorescent Light Bulb - Spring Campaign | 0.000 | 104 | 418 | 0.000 | 94 | 376 | 90.0 | 4.0 | 1,551,344 | 0.00 | 161,960 | 647,841 | 0.00 | 145,764 | 583,057 |
| 10 | 3 | Every Kilowatt Counts | Consumer | 2006 | Final | 2 | Electric Timers - Spring Campaign | 0.000 | 183 | 3,660 | 0.000 | 165 | 3,294 | 90.0 | 20.0 | 43,491 | 0.00 | 7,959 | 159,178 | 0.00 | 7,163 | 143,260 |
| 11 | 3 | Every Kilowatt Counts | Consumer | 2006 | Final | 3 | Programmable Thermostats - Spring Campaign | 0.050 | 216 | 3,240 | 0.045 | 194 | 2,916 | 90.0 | 15.0 | 18,918 | 0.95 | 4,086 | 61,295 | 0.85 | 3,678 | 55,166 |
| 12 | 3 | Every Kilowatt Counts | Consumer | 2006 | Final | 4 | Energy Star® Ceiling Fans - Spring Campaign | 0.014 | 141 | 2,820 | 0.013 | 127 | 2,538 | 90.0 | 20.0 | 14,392 | 0.20 | 2,029 | 40,584 | 0.18 | 1,826 | 36,526 |
| 13 | 3 | Every Kilowatt Counts | Consumer | 2006 | Final | 5 | Energy Star® Compact Fluorescent Light Bulb - Autumn Campaign | 0.000 | 104 | 418 | 0.000 | 94 | 376 | 90.0 | 4.0 | 2,300,185 | 0.00 | 240,139 | 960,557 | 0.00 | 216,125 | 864,502 |
| 14 | 3 | Every Kilowatt Counts | Consumer | 2006 | Final | 6 | Seasonal Light Emitting Diode Light String - Autumn Campaign | 0.000 | 31 | 923 | 0.000 | 28 | 830 | 90.0 | 30.0 | 553,653 | 0.00 | 17,025 | 510,745 | 0.00 | 15,322 | 459,671 |
| 15 | 3 | Every Kilowatt Counts | Consumer | 2006 | Final | 7 | Programmable Thermostats - Autumn Campaign | 0.118 | 522 | 9,398 | 0.106 | 470 | 8,458 | 90.0 | 18.0 | 36,497 | 4.30 | 19,055 | 342,983 | 3.87 | 17,149 | 308,685 |
| 16 | 3 | Every Kilowatt Counts | Consumer | 2006 | Final | 8 | Dimmers - Autumn Campaign | 0.000 | 139 | 1,390 | 0.000 | 125 | 1,251 | 90.0 | 10.0 | 28,859 | 0.00 | 4,011 | 40,113 | 0.00 | 3,610 | 36,102 |
| 17 | 3 | Every Kilowatt Counts | Consumer | 2006 | Final | 9 | Indoor Motion Sensors - Autumn Campaign | 0.000 | 209 | 4,180 | 0.000 | 188 | 3,762 | 90.0 | 20.0 | 10,355 | 0.00 | 2,164 | 43,285 | 0.00 | 1,948 | 38,956 |
| 18 | 3 | Every Kilowatt Counts | Consumer | 2006 | Final | 10 | Programmable Baseboard Thermostats - Autumn Campaign | 0.000 | 1,466 | 26,393 | 0.000 | 1,320 | 23,754 | 90.0 | 18.0 | 2,174 | 0.00 | 3,187 | 57,374 | 0.00 | 2,869 | 51,637 |
| 40 | 8 | Every Kilowatt Counts | Consumer | 2007 | Final | 1 | 15 W CFL | 0.001 | 43 | 344 | 0.001 | 34 | 268 | 78.0 | 8.0 | 2,766,435 | 3.60 | 118,957 | 951,654 | 2.81 | 92,786 | 2,766 |
| 41 | 8 | Every Kilowatt Counts | Consumer | 2007 | Final | 2 | 20+ W CFL | 0.002 | 62 | 497 | 0.001 | 48 | 388 | 78.0 | 8.0 | 450,350 | 0.86 | 27,967 | 223,734 | 0.67 | 21,814 | 450 |
| 42 | 8 | Every Kilowatt Counts | Consumer | 2007 | Final | 3 | Energy Star® Light Fixture | 0.006 | 123 | 1,966 | 0.003 | 68 | 1,082 | 55.0 | 16.0 | 10,745 | 0.06 | 1,321 | 21,130 | 0.03 | 726 | 11 |
| 43 | 8 | Every Kilowatt Counts | Consumer | 2007 | Final | 4 | T8 Fluorescent Tube | 0.001 | 37 | 670 | 0.001 | 29 | 516 | 77.0 | 18.0 | 21,080 | 0.03 | 783 | 14,102 | 0.02 | 603 | 21 |
| 44 | 8 | Every Kilowatt Counts | Consumer | 2007 | Final | 5 | Seasonal LED Light String | 0.000 | 14 | 69 | 0.000 | 7 | 34 | 49.0 | 5.0 | 732,924 | 0.00 | 10,041 | 50,205 | 0.00 | 4,920 | 733 |
| 45 | 8 | Every Kilowatt Counts | Consumer | 2007 | Final | 6 | Project Porchlight CFL | 0.001 | 43 | 344 | 0.001 | 33 | 261 | 76.0 | 8.0 | 582,149 | 0.76 | 25,032 | 200,259 | 0.58 | 19,025 | 582 |
| 46 | 8 | Every Kilowatt Counts | Consumer | 2007 | Final | 7 | Solar Light | 0.000 | 5 | 24 | 0.000 | 1 | 3 | 13.0 | 5.0 | 355,167 | 0.00 | 1,708 | 8,542 | 0.00 | 222 | 355 |
| 47 | 8 | Every Kilowatt Counts | Consumer | 2007 | Final | 8 | Energy Star® Ceiling Fan | 0.003 | 90 | 898 | 0.002 | 49 | 494 | 55.0 | 10.0 | 22,315 | 0.06 | 2,004 | 20,039 | 0.03 | 1,102 | 22 |
| 48 | 8 | Every Kilowatt Counts | Consumer | 2007 | Final | 9 | Furnace Filter | 0.011 | 38 | 38 | 0.006 | 21 | 21 | 55.0 | 1.0 | 89,914 | 1.01 | 3,390 | 3,390 | 0.55 | 1,864 | 90 |
| 49 | 8 | Every Kilowatt Counts | Consumer | 2007 | Final | 10 | Power Bar with Timer | 0.006 | 72 | 724 | 0.005 | 56 | 557 | 77.0 | 10.0 | 9,829 | 0.06 | 712 | 7,116 | 0.05 | 548 | 10 |
| 50 | 8 | Every Kilowatt Counts | Consumer | 2007 | Final | 11 | Lighting Control Device | 0.019 | 72 | 722 | 0.010 | 40 | 397 | 55.0 | 10.0 | 113,801 | 2.11 | 8,216 | 82,164 | 1.16 | 4,519 | 114 |
| 51 | 8 | Every Kilowatt Counts | Consumer | 2007 | Final | 12 | Outdoor Motion Sensor | 0.000 | 160 | 1,598 | 0.000 | 88 | 879 | 55.0 | 10.0 | 35,530 | 0.00 | 5,678 | 56,777 | 0.00 | 3,123 | 36 |
| 52 | 8 | Every Kilowatt Counts | Consumer | 2007 | Final | 13 | Dimmer Switch | 0.001 | 24 | 237 | 0.000 | 13 | 130 | 55.0 | 10.0 | 22,576 | 0.02 | 535 | 5,350 | 0.01 | 294 | 23 |
| 53 | 8 | Every Kilowatt Counts | Consumer | 2007 | Final | 14 | Programmable Thermostat | 0.000 | 75 | 1,127 | 0.000 | 41 | 620 | 55.0 | 15.0 | 21,694 | 0.00 | 1,629 | 24,439 | 0.00 | 896 | 22 |
| 132 | 22 | Every Kilowatt Counts Power Savings Event | Consumer | 2008 | Final | 1 | Energy Star® Qualified Compact Fluorescent Light Bulbs | 0.002 | 53 | 424 | 0.001 | 28 | 221 | 52.3 | 8.0 | 1,069,881 | 2.35 | 56,661 | 453,287 | 1.23 | 29,608 | 236,868 |
| 133 | 22 | Every Kilowatt Counts Power Savings Event | Consumer | 2008 | Final | 2 | Energy Star® Qualified Dimmable CFLs | 0.003 | 98 | 587 | 0.001 | 37 | 221 | 37.7 | 6.0 | 116,525 | 0.36 | 11,396 | 68,374 | 0.14 | 4,293 | 25,757 |
| 134 | 22 | Every Kilowatt Counts Power Savings Event | Consumer | 2008 | Final | 3 | Energy Star® Qualified Decorative CFLs | 0.001 | 30 | 122 | 0.000 | 12 | 47 | 38.6 | 4.0 | 1,807,430 | 1.73 | 54,905 | 219,622 | 0.67 | 21,176 | 84,703 |
| 135 | 22 | Every Kilowatt Counts Power Savings Event | Consumer | 2008 | Final | 4 | Energy Star® Qualified Compact Fluorescent Floods (Indoor & Outdoor) | 0.003 | 88 | 613 | 0.001 | 33 | 230 | 37.5 | 7.0 | 501,806 | 1.39 | 43,968 | 307,775 | 0.52 | 16,474 | 115,317 |
| 136 | 22 | Every Kilowatt Counts Power Savings Event | Consumer | 2008 | Final | 5 | Energy Star® Qualified Light Fixtures | 0.004 | 133 | 2,136 | 0.001 | 45 | 713 | 33.4 | 16.0 | 778,761 | 3.28 | 103,947 | 1,663,144 | 1.09 | 34,691 | 555,063 |
| 137 | 22 | Every Kilowatt Counts Power Savings Event | Consumer | 2008 | Final | 6 | T8 Fluorescent Fixtures | 0.001 | 37 | 595 | 0.000 | 12 | 196 | 32.8 | 16.0 | 141,688 | 0.14 | 5,271 | 84,333 | 0.05 | 1,731 | 27,701 |
| 138 | 22 | Every Kilowatt Counts Power Savings Event | Consumer | 2008 | Final | 7 | Lighting Control Devices | 0.003 | 102 | 1,022 | 0.001 | 46 | 464 | 45.4 | 10.0 | 152,302 | 0.46 | 15,570 | 155,704 | 0.21 | 7,063 | 70,634 |
| 139 | 22 | Every Kilowatt Counts Power Savings Event | Consumer | 2008 | Final | 8 | Power Bars with Timers | 0.004 | 53 | 533 | 0.002 | 22 | 217 | 40.7 | 10.0 | 8,354 | 0.03 | 445 | 4,453 | 0.01 | 181 | 1,814 |
| 140 | 22 | Every Kilowatt Counts Power Savings Event | Consumer | 2008 | Final | 9 | Car block heater timer | 0.000 | 0 | 0 | 0.000 | 0 | 0 | 0.0 | 0.0 | 0.000 | 0.00 | 0 | 0 | 0.00 | 0 | 0 |
| 141 | 22 | Every Kilowatt Counts Power Savings Event | Consumer | 2008 | Final | 10 | Heavy Duty Timers | 0.017 | 301 | 3,012 | 0.006 | 100 | 1,002 | 33.3 | 10.0 | 17,627 | 0.30 | 5,309 | 53,092 | 0.10 | 1,766 | 17,663 |
| 142 | 22 | Every Kilowatt Counts Power Savings Event | Consumer | 2008 | Final | 11 | Programmable Thermostats - Baseboard | 0.000 | 64 | 955 | 0.000 | 30 | 444 | 46.5 | 15.0 | 49,139 | 0.00 | 3,128 | 46,922 | 0.00 | 1,455 | 21,824 |
| 143 | 22 | Every Kilowatt Counts Power Savings Event | Consumer | 2008 | Final | 12 | Air Conditioner/Furnace Filters | 0.021 | 38 | 38 | 0.007 | 13 | 13 | 35.1 | 1.0 | 46,248 | 0.97 | 1,744 | 1,744 | 0.34 | 612 | 612 |
| 144 | 22 | Every Kilowatt Counts Power Savings Event | Consumer | 2008 | Final | 13 | Awnings | 0.000 | 0 | 0 | 0.000 | 0 | 0 | 0.0 | 0.0 | 33,604 | 0.00 | 0 | 0 | 0.00 | 0 | 0 |
| 145 | 22 | Every Kilowatt Counts Power Savings Event | Consumer | 2008 | Final | 14 | Window Films | 0.000 | 0 | 0 | 0.000 | 0 | 0 | 0.0 | 0.0 | 541,962 | 0.00 | 0 | 0 | 0.00 | 0 | 0 |
| 146 | 22 | Every Kilowatt Counts Power Savings Event | Consumer | 2008 | Final | 15 | Electric Water Heater Blankets | 0.000 | 0 | 0 | 0.000 | 0 | 0 | 0.0 | 0.0 | 16,613 | 0.00 | 0 | 0 | 0.00 | 0 | 0 |
| 147 | 22 | Every Kilowatt Counts Power Savings Event | Consumer | 2008 | Final | 16 | Pipe Wrap | 0.003 | 38 | 228 | 0.001 | 18 | 107 | 46.8 | 6.0 | 998,037 | 2.99 | 37,925 | 227,552 | 1.40 | 17,758 | 106,547 |
| 148 | 22 | Every Kilowatt Counts Power Savings Event | Consumer | 2008 | Final | 17 | Low-Flow Toilets | 0.000 | 0 | 0 | 0.000 | 0 | 0 | 0.0 | 0.0 | 130,559 | 0.00 | 0 | 0 | 0.00 | 0 | 0 |
| 149 | 22 | Every Kilowatt Counts Power Savings Event | Consumer | 2008 | Final | 18 | Keep Cool Pilot – Dehumidifier | 0.290 | 500 | 5,998 | 0.102 | 175 | 2,099 | 35.0 | 12.0 | 0.311 | 0.09 | 156 | 1,868 | 0.03 | 54 | 654 |
| 150 | 22 | Every Kilowatt Counts Power Savings Event | Consumer | 2008 | Final | 19 | Keep Cool Pilot – Room Air Conditioner | 0.142 | 141 | 1,266 | 0.060 | 59 | 532 | 42.0 | 9.0 | 0.349 | 0.05 | 49 | 442 | 0.02 | 21 | 186 |
| 151 | 22 | Every Kilowatt Counts Power Savings Event | Consumer | 2008 | Final | 20 | Rewards for Recycling – Dehumidifier | 0.290 | 500 | 5,998 | 0.128 | 220 | 2,639 | 44.0 | 12.0 | 9,352 | 2.71 | 4,674 | 56,089 | 1.19 | 2,057 | 24,679 |
| 152 | 22 | Every Kilowatt Counts Power Savings Event | Consumer | 2008 | Final | 21 | Rewards for Recycling – Room Air Conditioner | 0.142 | 141 | 1,266 | 0.062 | 62 | 557 | 44.0 | 9.0 | 10,107 | 1.44 | 1,422 | 12,799 | 0.63 | 626 | 5,632 |
| 153 | 22 | Every Kilowatt Counts Power Savings Event | Consumer | 2008 | Final | 22 | Rewards for Recycling – Halogen Lamp | 0.009 | 275 | 4,403 | 0.004 | 132 | 2,114 | 48.0 | 16.0 | 8,062 | 0.07 | 2,219 | 35,500 | 0.03 | 1,065 | 17,040 |
| 488 | 37 | Every Kilowatt Counts Power Savings Event | Consumer | 2009 | Preliminary | 1 | Standard CFL (single pack) | 0.002 | 53 | 424 | 0.001 | 40 | 322 | 76.0 | 8.0 | 35,483 | 0.06 | 1,879 | 15,033 | 0.04 | 1,428 | 11,425 |
| 489 | 37 | Every Kilowatt Counts Power Savings Event | Consumer | 2009 | Preliminary | 2 | Standard CFL (multi (6) pack) | 0.008 | 258 | 2,065 | 0.006 | 196 | 1,569 | 76.0 | 8.0 | 81,949 | 0.66 | 21,153 | 169,221 | 0.50 | 16,076 | 128,608 |
| 490 | 37 | Every Kilowatt Counts Power Savings Event | Consumer | 2009 | Preliminary | 3 | Energy Star Specialty CFL | 0.002 | 63 | 379 | 0.001 | 48 | 288 | 76.0 | 6.0 | 223,135 | 0.44 | 14,080 | 84,479 | 0.33 | 10,701 | 64,204 |
| 491 | 37 | Every Kilowatt Counts Power Savings Event | Consumer | 2009 | Preliminary | 4 | Energy Star Light Fixtures | 0.004 | 123 | 1,966 | 0.002 | 68 | 1,082 | 55.0 | 16.0 | 23,975 | 0.09 | 2,946 | 47,144 | 0.05 | 1,621 | 25,929 |
| 492 | 37 | Every Kilowatt Counts Power Savings Event | Consumer | 2009 | Preliminary | 5 | Energy Star Hard-Wired Indoor Light Fixtures | 0.004 | 123 | 1,966 | 0.002 | 68 | 1,082 | 55.0 | 16.0 | 25,984 | 0.10 | 3,193 | 51,096 | 0.05 | 1,756 | 28,103 |
| 493 | 37 | Every Kilowatt Counts Power Savings Event | Consumer | 2009 | Preliminary | 6 | Energy Star Ceiling Fans | 0.003 | 90 | 898 | 0.002 | 49 | 494 | 55.0 | 10.0 | 10,540 | 0.03 | 947 | 9,468 | 0.02 | 521 | 5,207 |
| 494 | 37 | Every Kilowatt Counts Power Savings Event | Consumer | 2009 | Preliminary | 7 | Weather Stripping (packages) | 0.000 | 2 | 4 | 0.000 | 1 | 3 | 70.0 | 2.0 | 24,100 | 0.00 | 48 | 96 | 0.00 | 34 | 67 |
| 495 | 37 | Every Kilowatt Counts Power Savings Event | Consumer | 2009 | Preliminary | 8 | Weather Stripping (door kits) | 0.000 | 2 | 4 | 0.000 | 1 | 1 | 36.0 | 2.0 | 15,677 | 0.00 | 31 | 63 | 0.00 | 11 | 23 |
| 496 | 37 | Every Kilowatt Counts Power Savings Event | Consumer | 2009 | Preliminary | 9 | Pipe Wrap – Purchase of 3 | 0.003 | 38 | 228 | 0.001 | 14 | 82 | 36.0 | 6.0 | 17,432 | 0.05 | 662 | 3,974 | 0.02 | 238 | 1,431 |
| 497 | 37 | Every Kilowatt Counts Power Savings Event | Consumer | 2009 | Preliminary | 10 | Water Heater Blanket | 0.021 | 270 | 1,620 | 0.008 | 97 | 583 | 36.0 | 6.0 | 3,086 | 0.06 | 833 | 4,999 | 0.02 | 300 | 1,800 |
| 498 | 37 | Every Kilowatt Counts Power Savings Event | Consumer | 2009 | Preliminary | 11 | Window Film | 0.022 | 45 | 450 | 0.008 | 16 | 162 | 36.0 | 10.0 | 2,906 | 0.06 | 131 | 1,308 | 0.02 | 47 | 471 |
| 499 | 37 | Every Kilowatt Counts Power Savings Event | Consumer | 2009 | Preliminary | 12 | Lighting and Appliance Controls – Unspecified | 0.001 | 72 | 722 | 0.001 | 26 | 260 | 36.0 | 10.0 | 0.000 | 0.00 | 0 | 0 | 0.00 | | |