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Xcel Energy

Docket No.: EL14-040

Response To: South Dakota Public  
Utilities Commission

Data Request No. 1-2

Requestor: Darren Kearney

Date Received: December 1, 2014

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Question:

Please provide Attachment A with an additional column showing the estimated lifetime Generator kWh savings for each measure.

Response:

Attached is a revised Attachment A with the requested information added.

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Date: December 5, 2014

Full Executive Summary Table - 2013 Actual Achievements

| Full Executive Summary Table - 2013 Actual Achievements |               |                  |              |                  |               |             |                  |             |              |            |                  |             |                        |              |               |             |             |
|---|---------------|------------------|--------------|------------------|---------------|-------------|------------------|-------------|--------------|------------|------------------|-------------|------------------------|--------------|---------------|-------------|-------------|
| 2013  | GOAL          |                  |              |                  | ACTUAL        |             |                  |             |              |            |                  |             |                        | TEST RESULTS |               |             |             |
|   | Participants  | Electric Budget  | Generator kW | Generator kWh    | Participants  | % of Goal   | Electric Spend   | % of Goal   | Generator kW | % of Goal  | Generator kWh    | % of Goal   | Lifetime Generator kWh | Part Ratio   | Utility Ratio | RIM Ratio   | TRC Ratio   |
| <b>Business Segment</b>                                 |               |                  |              |                  |               |             |                  |             |              |            |                  |             |                        |              |               |             |             |
| Lighting Efficiency                                     | 124           | \$396,266        | 554          | 2,222,483        | 190           | 153%        | \$524,476        | 132%        | 1,318        | 238%       | 5,148,404        | 232%        | 87,751,335             | 4.16         | 8.45          | 0.72        | 2.48        |
| Business Saver's Switch                                 | 20            | \$33,950         | 147          | 877              | 10            | 50%         | \$26,798         | 79%         | 192          | 131%       | 1,167            | 133%        | 17,499                 | INF          | 9.48          | 1.98        | 9.48        |
| Peak and Energy Control                                 | 10            | \$15,000         | 1,763        | 95,401           | 5             | 50%         | \$1,631          | 11%         | 621          | 35%        | 34207            | 36%         | 171,033                | INF          | 220.35        | 3.38        | 220.35      |
| <b>Business Segment Total</b>                           | <b>154</b>    | <b>\$445,216</b> | <b>2,464</b> | <b>2,318,761</b> | <b>205</b>    | <b>133%</b> | <b>\$552,905</b> | <b>124%</b> | <b>2,132</b> | <b>87%</b> | <b>5,183,778</b> | <b>224%</b> | <b>87,939,867</b>      | <b>4.30</b>  | <b>9.12</b>   | <b>0.79</b> | <b>2.75</b> |
| <b>Residential Segment</b>                              |               |                  |              |                  |               |             |                  |             |              |            |                  |             |                        |              |               |             |             |
| Ground Source Heat Pump                                 | 15            | \$63,375         | 9            | 260,350          | 3             | 20%         | \$8,416          | 13%         | 7            | 74%        | 27,381           | 11%         | 547,628                | 1.85         | 2.19          | 0.39        | 0.73        |
| Residential Home Lighting                               | 5,000         | \$50,000         | 84           | 1,037,572        | 6,458         | 129%        | \$40,096         | 80%         | 124          | 148%       | 1,013,808        | 98%         | 9,557,176              | 9.52         | 9.23          | 0.55        | 2.72        |
| Residential Saver's Switch                              | 750           | \$181,650        | 713          | 6,020            | 449           | 60%         | \$158,862        | 87%         | 468          | 66%        | 4,598            | 76%         | 68,972                 | INF          | 3.05          | 0.91        | 3.05        |
| Consumer Education                                      | 68,000        | \$19,800         | 0            | 0                | 75,480        | 111%        | \$16,254         | 82%         |              |            |                  |             | -                      | -            | -             | -           | -           |
| <b>Residential Segment Total</b>                        | <b>73,765</b> | <b>\$314,825</b> | <b>806</b>   | <b>1,303,942</b> | <b>82,390</b> | <b>112%</b> | <b>\$223,628</b> | <b>71%</b>  | <b>598</b>   | <b>74%</b> | <b>1,045,788</b> | <b>80%</b>  | <b>10,173,776</b>      | <b>11.57</b> | <b>3.90</b>   | <b>0.68</b> | <b>2.56</b> |
| <b>Planning Segment</b>                                 |               |                  |              |                  |               |             |                  |             |              |            |                  |             |                        |              |               |             |             |
| Regulatory Affairs                                      | 0             | \$15,000         | 0            | 0                |               |             | \$10,458         | 70%         |              |            |                  |             | -                      | -            | -             | -           | -           |
| <b>Planning Segment Total</b>                           | <b>0</b>      | <b>\$15,000</b>  | <b>0</b>     | <b>0</b>         |               |             | <b>\$10,458</b>  | <b>70%</b>  |              |            |                  |             | <b>-</b>               | <b>-</b>     | <b>-</b>      | <b>-</b>    | <b>-</b>    |
| <b>PORTFOLIO TOTAL</b>                                  | <b>73,919</b> | <b>\$775,041</b> | <b>3,270</b> | <b>3,622,703</b> | <b>82,595</b> | <b>112%</b> | <b>\$786,991</b> | <b>102%</b> | <b>2,731</b> | <b>84%</b> | <b>6,229,566</b> | <b>172%</b> | <b>98,113,643</b>      | <b>4.73</b>  | <b>7.52</b>   | <b>0.77</b> | <b>2.71</b> |