

REFERENCE: Independent Expert Report of Daymark, Tables 17, 34 and 40.

PREAMBLE:

Daymark appears to be counting load displacement energy savings as a 1-year measure life.

QUESTION:

Please provide a revised version of Table 17, Table 34, and Table 40 using a measure life for all Load Displacement Program measures of 16-20 years.

RESPONSE:

Table 17, 34 and 40 are identical. The Tables requested are provided below after the original version, which is shown. Daymark classified the Load Displacement Program savings as effectively having a one-year measure life due to the way the annual savings was counted by Efficiency Manitoba toward the annual target of 1.5%. Efficiency Manitoba counted most of the savings from this program as contributing to achieving the annual target in each of the three years of the Efficiency Manitoba Plan. Efficiency Manitoba does not count the savings from the measures in other programs that are installed in one year as counting toward the annual target achievement for any subsequent year, even if the measure has more than a one-year life.

Year Range	Total Three-Year Savings (kWh)	Savings as % of Total	Cumulative Savings %	Total TRC Benefit (\$)
1-5	371,112,450	42%	42%	\$103,896,598
6-10	27,286,730	3%	45%	\$ 13,404,376
11-15	345,589,248	39%	84%	\$248,039,409
16-20	76,082,351	9%	93%	\$ 59,045,637
21-25	42,615,692	5%	98%	\$ 57,624,373
26-30	12,264,138	1%	99%	\$ 23,991,429
31+	5,767,240	1%	100%	\$ 12,041,192
Total	880,717,849			\$ 518,043,015

Daymark found an error in the formulas for distributing the measure savings among the groupings. The corrected version of Tables 17, 34 & 40 is shown below.

Year Range	Total Three-Year Savings (kWh)	Savings as % of Total	Cumulative Savings %	Total TRC Benefit (\$)
1-5	348,505,184	40%	40%	\$ 88,933,699
6-10	65,873,774	7%	47%	\$ 41,466,422
11-15	400,879,233	46%	93%	\$ 289,902,205
16-20	21,957,879	2%	95%	\$ 27,802,287
21-25	24,329,811	3%	98%	\$ 32,172,663
26-30	13,404,729	2%	99%	\$ 25,724,547
31+	5,767,240	1%	100%	\$ 12,041,192
Total	880,717,849			\$ 518,043,015

Efficiency Manitoba requested a version of Tables 17, 34 & 40 showing the savings from the Load Displacement Program in the 16-20 year range for measure life, rather than the 1-5 year range of the original Tables 17, 34 & 40 in the Daymark report. The requested table is shown below:

Year Range	Total Three-Year Savings (kWh)	Savings as % of Total	Cumulative Savings %	Total TRC Benefit (\$)
1-5	51,505,184	6%	6%	\$ 25,300,781
6-10	65,873,774	7%	13%	\$ 41,466,422
11-15	367,912,233	42%	55%	\$ 269,416,373
16-20	351,924,879	40%	95%	\$ 111,921,037
21-25	24,329,811	3%	98%	\$ 32,172,663
26-30	13,404,729	2%	99%	\$ 25,724,547
31+	5,767,240	1%	100%	\$ 12,041,192
Total	880,717,849			\$ 518,043,015

REFERENCE: Independent Expert Report of Daymark, Table 42.

PREAMBLE:

Daymark appears to be counting load displacement energy savings as a 1-year measure life.

QUESTION:

Please provide a revised LRI analysis completed in Table 42 using a measure life for all Load Displacement Program measures of 16-20 years

RESPONSE:

Efficiency Manitoba requested a version of Table 42 showing the savings from the Load Displacement Program in the 16-20 year range for measure life, rather than the 1-5 year range of the original Table 42 in the Daymark report.

The original Table 42 included in the Report is below:

	Efficiency Manitoba One-Time	Measure life adjusted rate increase	
	Equivalent Rate 30-year Increase	Average 1 st 5-Years	Average 2 nd 5 Years
	LRI (¢/kWh)	0.019	0.059
LRI Percent Increase (using 6¢/kWh)	0.32%	0.99%	0.52%
LRI Percent Increase (using 8¢/kWh)	0.24%	0.74%	0.39%
LRI Percent Increase (using 10¢/kWh)	0.19%	0.59%	0.31%

The requested table, showing the savings from the Load Displacement Program in the 16-20 year range for measure life, rather than the 1-5 year range of the original Table 42 in the Daymark report is below:

	Efficiency Manitoba One-Time	Measure Life Adjusted Rate Increase ¹	
	Equivalent Rate 30-Year Increase	Average 1 st 5 Years	Average 2 nd 5 Years
	LRI (¢/kWh)	0.019 ¢/kWh	0.046 ¢/kWh
LRI Percent Increase (using 6¢/kWh)	0.32%	0.76%	0.58%
LRI Percent Increase (using 8¢/kWh)	0.24%	0.57%	0.44%
LRI Percent Increase (using 10¢/kWh)	0.19%	0.46%	0.35%

¹ Rate impact by measure life with Load Displacement Program savings occurring in the 16-20 Year range.