

Undertaking 11: Daymark to insert a column that provides the total resource cost without the non-energy benefits for tables 27, 28, 29, and 30 from the Daymark Report

Requested by: Panel Member Hugh Grant

Response:

Daymark provides requested tables below by including TRC ratio without non-energy benefits included as additional column.

Daymark shows cost-effectiveness results of Efficiency Manitoba's 2020/23 Plan in Tables 27 – 30 in its Report. These tables include program administrative cost test (PACT) and total resource cost (TRC) ratios. The benefits considered by Efficiency Manitoba in TRC ratios includes both direct energy benefits and non-energy benefits (NEBs). The non-energy benefits considered by Efficiency Manitoba in its natural gas portfolio are savings related with water and GHG emissions. Whereas, electric portfolio only included non-energy benefits associated with water savings. Thus, for many bundles the NEBs were zero and thus there was no change in TRC results.

Electric Portfolio

Table 27:

Description	Total Three-Year Electric Savings (GWh)	PACT Ratio	TRC Ratio	TRC without NEBs
2020-2023 Electric EE Plan	880.1	3.27	2.05	1.97

Table 28:

DSM Bundle	Total Three-Year Electric Savings (GWh)	PACT Ratio	TRC Ratio	TRC Ratio without NEBs
New Homes & MR Custom	10.6	6.56	1.74	1.74
Renovation	70.6	5.18	1.58	1.58
Community Geothermal	309.3	4.97	2.52	2.52
Load Displacement	3.3	4.03	22.26	22.26
Emerging Technology	330.0	3.72	5.64	5.64
New Construction & HPB	6.9	2.96	0.56	0.56
Home Renovation	21.9	2.95	1.19	1.19
HVAC & Controls	15.3	2.90	1.92	1.86
Income Qualified	10.3	2.81	2.24	2.24
Metis Income Qualified	7.9	2.80	3.46	2.92
In-Suite Efficiency	0.6	2.58	2.94	2.64
Small Business & Appliance	3.0	2.48	3.09	2.19
Insulation and Direct Install	45.7	2.30	2.40	2.56
Product Rebates	0.8	1.90	2.07	1.94
Home EE Kits & Education	34.7	1.74	1.24	0.88
Direct Install	2.5	1.61	3.14	1.66
Small Business	5.7	1.53	1.99	1.14
Program Support	1.2	0.57	0.80	1.08
Total	880.1	3.27	2.05	1.97

Natural Gas Portfolio

Table 29:

Description	Total Three-Year Natural Gas Savings (million cu m)	PACT Ratio	TRC Ratio	TRC without NEBs
2020-2023 Natural Gas EE Plan	25.7	0.99	1.00	0.62

Table 30:

DSM Bundle	Total Three-Year Savings (m3)	PACT Ratio	TRC Ratio	TRC Ratio without NEBs
Custom	13,348,583	6.51	3.62	2.51
In Suite Efficiency	346,736	3.15	4.47	0.94
HVAC & Controls	2,268,681	2.59	1.88	1.34
Small Business & Appliance	958,599	1.75	6.83	1.26
Renovation	3,387,948	1.60	1.84	1.32
Home Renovation	2,737,423	1.18	0.79	0.57
Emerging Technology	332,286	0.89	0.32	0.22
Product Rebates	1,205,670	0.79	0.49	0.33
Direct Install	499,384	0.78	1.81	0.37
New Homes & MR	401,910	0.72	0.32	0.23
New Construction & HPB	2,287,686	0.59	0.37	0.25
Income Qualified	3,237,979	0.49	0.92	0.59
Metis Income Qualified	157,774	0.44	0.84	0.53
Home EE Kits & Education	139,893	0.41	2.97	0.41
Program Support	-	-	0.00	
Interactive Effects	(5,585,543)	-	-	
Total	25,725,008	0.99	1.00	0.62