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**State of Vermont**  
**Public Utility Commission**  
**MEMORANDUM**

To: Vermont Senate Committee on Natural Resources and Energy, House Committee on Energy and Technology, Case. No. 19-2956-INV Service List

From: Tom Knauer, Policy Director *TK*

Re: Case No. 19-2956-INV, Preliminary Report Technical Correction

Date: March 30, 2020

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On January 15, 2020, the Public Utility Commission issued its report to the Vermont legislature titled *Act 62 – Preliminary Report on All-Fuels Energy Efficiency*. Today I am issuing a technical correction to page 57 of the Report to correct a formatting error on that page in the original report. Please replace page 57 of the report with the attached, corrected page 57.

The technical correction is to the fourth column of the first five rows of the table on page 57. The values in those rows should be negative. In the original report the formatting of the table showed the values to be positive. The text of the report had already identified these values as negative and thus only the table needs to be corrected.

energy efficiency, and renewable energy. However, only a small portion of Vermont’s economy and energy end-uses are covered by programs that address those policies.

In order to achieve Vermont’s greenhouse gas emission reduction goals, it is estimated that Vermont will need to reduce its emissions by approximately 3.22 million metric tons of CO<sub>2</sub>e by 2028 and by 7.85 million metric tons of CO<sub>2</sub>e by 2050. In order to achieve its Paris Climate Agreement commitment, it is estimated that Vermont will need to reduce its emissions by approximately 2.53 million metric tons of CO<sub>2</sub>e by 2025.<sup>99</sup>

In February 2019, the Regulatory Assistance Project provided its “Economic Benefits and Energy Savings through Low-cost Carbon Management” report to lawmakers. That report estimated the greenhouse gas reductions that would result from investments in the thermal-energy and transportation sectors. The following table summarizes the report’s findings.

MEASURE	ESTIMATED ANNUAL PUBLIC INVESTMENT REQUIRED OVER THE NEXT 10 YEARS (IN MILLIONS OF 2018 \$)	LIFETIME CO <sub>2</sub> REDUCED OVER 10 YEARS (MILLIONS OF METRIC TONS OF CO <sub>2</sub> E)	\$/TON OF LIFETIME CO <sub>2</sub> REDUCED (TOTAL COST PERSPECTIVE)
Non low-income weatherization	\$18	1.46	(\$75)
Low-income weatherization	\$18	0.82	(\$84)
Cold-climate heat pumps	\$19	1.80	(\$8)
Heat-pump water heaters	\$3	0.31	(\$97)
Wood pellet boilers for schools	\$2	0.34	(\$131)
Light-duty (personal) electric vehicles	\$7	4.4	\$16
<b>SUBTOTAL</b>	<b>\$67</b>	<b>8.73</b>	

<sup>99</sup> Efficiency Vermont’s November 15 comments at 14-15.

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