



Copley Health Systems

528 Washington Highway
Morrisville, VT 05661
(802) 888-8888
www.copleyvt.org

Date: December 19, 2017

To: Green Mountain Care Board

RE: Copley Hospital's response to the Green Mountain Care Boards status report regarding 2015 energy efficiency plan

Copley Hospital engaged with Efficiency Vermont creating an RFP for our Hospital's energy audit. We received four proposals from the RFP process; we decided to pursue several lighting initiatives beginning in 2014 and going thru 2017. See attachment (Savings and Incentives report by project) annualized savings for projects identified in the last three columns of attachment.

Copley's Plant Operations did review the cost benefit of changing from Oil to Propane as the fuel for our boiler plant. However, there was not completing savings to move this potential initiative forward.

In addition, in July 2014 thru December 2017 Copley again engaged with Efficiency Vermont to collaborate on our Surgical Suite CON project. Copley will be receiving additional \$10,000 incentive dollars because of this collaboration. See attachment (Efficiency Vermont project # 6014-BQ17).

Respectfully submitted,

Mark Sutton
Director of Facilities Safety & Security
Project Manager
Msutton@chsi.org
802-888-8312

EFFICIENCY VERMONT INCENTIVE AGREEMENT

PROJECT # 6014-BQ17

This Incentive Agreement ("Agreement") is between Vermont Energy Investment Corporation located at 128 Lakeside Avenue, Suite 401, Burlington, Vermont 05401 doing business as (dba) Efficiency Vermont and Copley Health Systems located at 528 Washington Hwy. in Morrisville, VT (hereafter called "Customer").

The Customer agrees to purchase, install, and operate certain Efficiency Improvements at Copley Hospital, located at 528 Washington Hwy Total in Morrisville, Vermont, which are described in the attached Scope of Efficiency Improvements. To assist Customer with the installation of the Efficiency Improvements, Efficiency Vermont agrees to provide \$10,000, which will be paid in cash to the Customer in accordance with the provisions specified in the attached Scope of Efficiency Improvements and Terms and Conditions of the Incentive Agreement.

Efficiency Vermont's incentive offer is a limited-time offer and will only become effective when signed by both parties. The offer will expire in thirty (30) days from Efficiency Vermont's signature date below unless signed by the Customer and returned to Efficiency Vermont within thirty (30) days. Upon receipt of the signed Incentive Agreement, Efficiency Vermont will reserve the Incentive Amount to be paid upon project completion for up to 6 months after the date of this Agreement unless otherwise agreed in writing.

In addition to this page, this Incentive Agreement includes the attached "Scope of Efficiency Improvements" and "Terms and Conditions of the Incentive Agreement."

WE THE UNDERSIGNED AGREE TO THIS INCENTIVE AGREEMENT INCLUDING THE ATTACHED SCOPE OF EFFICIENCY IMPROVEMENTS AND TERMS AND CONDITIONS OF THE INCENTIVE AGREEMENT.

EFFICIENCY VERMONT

Signature *Charlie Carpenter*

Printed Name Charlie Carpenter _____

Date 11/16/2017 _____

Title Energy Consultant _____

Copley Health Systems

Signature *Mark Sutton*

Printed Name Mark Sutton _____

Date 11/30/17 _____

Title Director of Facilities, Safety, + Security

Electric Company: Morrisville Water and Light Department

Account # 9055950-0

The Incentive check should be mailed to:

Customer: Copley Hospital 528 Washington Hwy Morrisville VT
Company Name, Department, Address, City, State Zip 05401

Federal Tax Payer Identification Number (TIN):

Please select one:

- Corporation (Provide TIN)
- Tax-Exempt Organization (Provide TIN)
- City, County or State Dept., Govt. or Agency (Provide TIN)
- All Others (Provide SSN or EIN/TIN):

Social security number
+

or

Employer identification number
03-0179423



SCOPE OF EFFICIENCY IMPROVEMENTS:

Customer agrees to install the following efficient lighting equipment as specified at Copley Hospital, located at 528 Washington Hwy Total in Morrisville, Vermont:

Description	Quantity
Interior Lighting power density less than or equal to 0.84 watts/sq.ft. <i>Based on LPD Tool completed by LN Consulting</i>	-
Remote-mounted occupancy sensor	16
Dimming controls	9
Exterior LED Fixture: Wall Mounted 18 Watts. DLC Listed	13
Exterior LED Fixture: Pole Mounted 75 Watts. DLC Listed	14
Exterior LED Fixture: Pole Mounted 97 Watts. DLC Listed	4
Downlight LED fixtures: Energy Star Qualified	<i>Additional \$1,445 discounted at point of sale</i>
	85

The listing of a specific manufacturer does not represent an endorsement of a specific product by Efficiency Vermont. Any changes to the Scope of Efficiency Improvements (outlined above) will be accomplished by issuance and execution of an amended incentive agreement signed by an authorized representative of Efficiency Vermont and Customer.



Copley Health Systems		Savings and Incentives Reported by Project: 1/1/2000 to 12/18/2017				Annual Savings			
Project Description	EVT Project Number	Year Savings/ Incentives Reported	Project Cost*	Incentive	Resource Savings \$	kWh	MMBTU		
Copley Hospital - HVAC 2	6013-2411	2006	\$4,303	\$2,271	\$2,510	6,801	100		
Copley Hospital - Rx Motors & VFD 1	6013-D824	2009	\$1,623	\$1,081	\$942	7,885	0		
Copley Hospital - ILED	6012-K429	2010	\$1,061	\$1,000	\$851	8,177	(10)		
Copley Hospital - Server Virtualization	6013-G856	2010	\$12,052	\$1,500	\$3,227	21,894	0		
Copley Hospital - Rx LED Lighting 1	6013-I508	2010	\$1,200	\$1,199	\$346	2,734	0		
Copley Hospital - Boiler Expansion	6014-5177	2010	\$3,354	\$845	\$1,296	9,482	0		
Copley Hospital - Rx Lighting 1	6014-H180	2010	\$220	\$120	\$91	814	(1)		
Copley Health Systems- LED Lighting 2	6013-N440	2011	\$1,650	\$3,300	\$1,837	14,801	0		
Copley Hospital - Rx HVAC 1	6013-N658	2011	\$6,330	\$3,400	\$2,007	15,131	0		
Copley Hospital - Rx Lighting 2	6013-N736	2011	\$1,250	\$1,140	\$692	6,180	(4)		
Copley Hospital - Lighting	6012-P975	2012	\$444	\$200	\$218	1,732	(0)		
Copley Hospital - Emergency Department - Rx Lighting 3	6014-Q839	2013	\$10,010	\$5,940	\$4,552	36,984	(27)		
Copley Hospital - Emergency Department - Rx HVAC 2	6014-V631	2013	\$1,560	\$1,040	\$257	1,882	0		
Copley Terrace - Rx Lighting 1	6013-Z170	2014	\$1,100	\$770	\$857	6,951	(6)		
Copley Health System - RELIGHT	6012-BC70	2015	\$2,220	\$2,220	\$0	0	0		
Copley Health System - Vacuum System Replacement	6013-A132	2015	\$18,838	\$2,000	\$2,154	16,787	0		
Copley Health Systems - 53 Spring St. - Rx Lighting 4	6013-AO59	2015	\$500	\$300	\$132	919	0		
Copley Health Systems - 528 Washington Hwy - Rx Lighting 5	6013-AO62	2015	\$5,625	\$4,500	\$1,863	12,996	0		
Copley Hospital - Rx Lighting 6	6013-DT21	2017	\$348	\$420	\$37	289	(0)		
Totals:			\$73,688	\$33,246	\$23,870	172,440	53		

*For New Construction and Market Opportunity projects this is the estimated or incremental cost.

Yearly Savings for
Copley Health Systems

Year Reported	kWh Savings	Resource Savings \$
2006	6,801	\$2,510
2009	7,885	\$942
2010	43,101	\$5,811
2011	36,112	\$4,536
2012	1,732	\$218
2013	38,866	\$4,809
2014	6,951	\$857
2015	30,702	\$4,149
2017	289	\$37
Total:	172,440	\$23,870