

## **Request for Proposals for CEDF Evaluation**

### **Questions and Answers**

#### **Question 1**

With respect to total dollars, energy, or GHG impacts, can you characterize the participant projects for the evaluation period, e.g 15 advanced wood technology projects accounted for x% of the program impact?

#### **Answer 1**

We are not sure we understand the question, but there have been about 50 custom (mostly larger non-residential projects) and 64 residential wood heating projects installed through 2017. The evaluation period extends into 2018 and therefore there will be additional projects to add to the evaluation.

#### **Update to Answer 1**

Through Q1 2018 there have been 113 advanced wood heating installations and 151 reservations (4 withdraws so far) through our rebate/incentive program. There have been about 25 additional grants resulting from competitive solicitations that have supported installations (some direct installations and a few grants to entities that then sub-award funds for installations), and there have been a few grants in support of the wood heating sector in general (i.e. a study).

Not included in those numbers are the wood stove change-outs, which are related but are not projects that we are thinking would be part of an evaluation of our efforts to promote the advanced wood heating sector.

#### **Question 2**

What kinds of project data are collected? Have there been any changes in data collected during the period being evaluated?

#### **Answer 2**

Here is an example of the basic data collected. There are other data fields but here are the key metrics:

	<b>ADVANCED WOOD HEAT</b>		
	RESIDENTIAL	NON-RESIDENTIAL	SPECIAL CATEGORY
NUMBER INSTALLED	24	9	3
TOTAL COST OF INSTALLED SYSTEMS	\$553,701.10	\$522,089.29	\$228,166.00
INCENTIVES PAID FOR INSTALLED SYSTEMS	\$86,583	\$152,652	\$61,447
TOTAL INSTALLED CAPACITY (W)	482,774	638,061	243,249
TOTAL INSTALLED CAPACITY (BTU/HR)	1,647,292	2,177,154	830,000
ESTIMATED PRODUCTION (KWH/YR)	N/A	N/A	N/A
COST PER WATT OF INSTALLED CAPACITY	\$1.15	\$0.82	\$0.94

Changes made during the evaluation period have been minor, such as collecting the wood boilers capacity in kW and then adding the MMBtu capacity later during the evaluation period.

**Question 3**

What data sources have been used to characterize estimated project impacts?

**Answer 3**

The vast majority of data has come from the installers/customers via the program documentation (applications, final project documentation, final reports, etc.), additional data has been collected via site visits/inspections.

**Question 4**

Does CEDF have performance data, savings actually achieved, on the projects completed within the evaluation period?

**Answer 4**

The CEDF only has program participant's estimated annual savings, with a few exceptions.

**Question 5**

Page 2 of the RFP states: "The activities to be evaluated would be those starting in 2014 through the Vermont fiscal year 2018 (June 30, 2018)." Do the tasks identified in the Scope of Work (on pages 4 and 5: Numerals I – IV) and in Appendix A (pages 9 – 12: Numerals I–IV) pertain only to CEDF programs within the 2014 – 2018 time frame?

**Answer 5**

Yes.

**Question 6**

Regarding the Access database:

- a. It is our understanding that the CEDF wishes for the contractor to create a database populated with advanced wood heating projects and develop the capabilities for CEDF staff to later themselves add projects of other fuel/measure types of projects that have already been completed. Is this correct?
- b. Should the database include projects started before 2014 or should the projects only include those started within the 2014 – 2018 time frame?

**Answer 6**

a. The CEDF is seeking a contractor to create a database that will contain the advanced wood heating projects from the evaluation period as well as all other CEDF funded projects from 2006 through FY2018 (June 30, 2018).

b. The evaluation period is 2014 – 2018, but the database should include all of CEDF funded projects, including those completed prior to 2014.

**Question 7**

Does the CEDF have target start and end dates for the evaluation work defined in the RFP?

**Answer 7**

CEDF has a target date of June for the execution of the evaluation contract and the evaluation work to start in June or July 2018. Ideally the evaluation report and database would be completed by the end of calendar year 2018.