

The Clean Energy Transition 1,000 (CET1000) Initiative

The Merrimack Valley Clean Energy Coalition (All-in-Energy, Town of Andover, City of Lawrence)

Motivation

- **Energy burden-** in Massachusetts for low-income households is 10%, one of the highest in the northeast.
- **Energy Democracy-** Basic service electricity currently costs \$0.48/kWh. These high costs in the Merrimack Valley discourages switching from gas to electricity. Residents affected by the 2018 Merrimack Valley gas disaster cannot afford to swap heating systems, even though gas utility mistakes cost the community > \$1 billion in damages



Proposed Phase I Tasks, Schedule and Budget

Coalition Tasks	Dates	Budget
1.0 Joint Mission Statement	2/1/2023	\$1,000
2.0 Project Management	2/1/23 – 4/10/23	\$1,000
3.0 Site Evaluation	2/1/23 – 2/20/23	-
4.0 Utility Consolidated Billing	2/1/23 – 2/20/23	\$5,000
5.0 Focus Groups on Low-Income Participation Barriers	2/15/23 – 3/15/23	\$23,000

Goals & Objectives

Overall Goal: The Merrimack Valley Clean Energy Coalition seeks to build an estimated 4-MW community solar facility productive enough to **transition 1,000 New England homes to clean energy**. The shared solar resource will aim to serve a majority (> 50%) low and moderate income (LMI) households in the City of Lawrence and Town of Andover, aligning with priorities of the White House Justice40 Initiative.

Phase I Objectives:

- Solidify coalition and add partners
- Refine solar production potential, necessary permits and timeline
- Explore utility consolidated billing for community solar
- Hold community focus groups to explore participation barriers

Team and Asset



- **Lead-** Gabe Shapiro, All in Energy
- **Partners-** Joyce Losick-Yang, Town of Andover and Anil Navkal, City of Lawrence
- **Asset-** 25 acres former municipal landfill on Ledge Road, Andover