



Team Name:

Monadnock Energy

City and State:

Keene, New Hampshire

Submission Title:

Scaling Community Solar for LMI in New Hampshire



**Community
Power
Accelerator**

U.S. DEPARTMENT OF ENERGY



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Organization Overview

- *Our mission is to build more than 100MW of community solar in New Hampshire by 2030, with a focus on serving low-to-moderate income communities.*
- *New Hampshire needs this. Only 1% of electricity in NH is currently from solar, and energy and living costs in the state have skyrocketed since 2020.*
- *Our team has previously launched more than 7MW of solar across 40 projects, benefiting LMI and affordable housing organizations, as well as 3.5 MW of community solar projects where all power is allocated at zero cost to LMI households. We are now looking to expand and scale up.*

Project Overview

We are evaluating seven community solar sites in Southwest New Hampshire, all between 1MW and 5MW – all within less than 600 feet of existing three phase power distribution lines. In Phase 1 we will select at least two of these, exceeding 1MW in capacity.

- *Dublin NH (two sites)*
- *Temple NH*
- *Spofford NH*
- *Jaffrey NH*
- *Litchfield NH*
- *Merrimack NH*

Meaningful Benefits

- *#1: LMI household access – via housing authority partnerships and also the NH LMI Community Solar program – directly connecting to individual LMI households.*
- *#2: Greater household savings - through reduced energy prices for these LMI households, and also via town community power plans now live in NH.*
- *#4: Community ownership – we aim for shared ownership with NH-based housing authorities, local investors and lenders.*
- *#5: Equitable workforce development – our projects advance high wage opportunities by including apprenticeship programs and will meet local prevailing wages.*