

Local Community Initiative:

Building a community-owned solar farm in the Mad River Valley

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Our Community Partners:



- Increase access to renewable energy sources in MRV
- Create a cooperatively-owned solar farm that will provide energy to Green Mountain Power customers
- UVM's CDAE department partnership



Our project goals:

- Background research
- Survey
- Develop educational materials
- Final report and presentation



Definitions

- What is a cooperatively-owned solar farm?
- What makes it possible?



What are the benefits?

- Local, renewable energy source
- Fiscal returns through federal tax rebate of 30% and electricity credits
- Return of initial investment in ~ 12 years

Proposed Site:

22-acre plot located on Sugarbush Resort's property

- Located away from main road
- Out of general sight
- Near 3-phase power
- Land is existing septic field



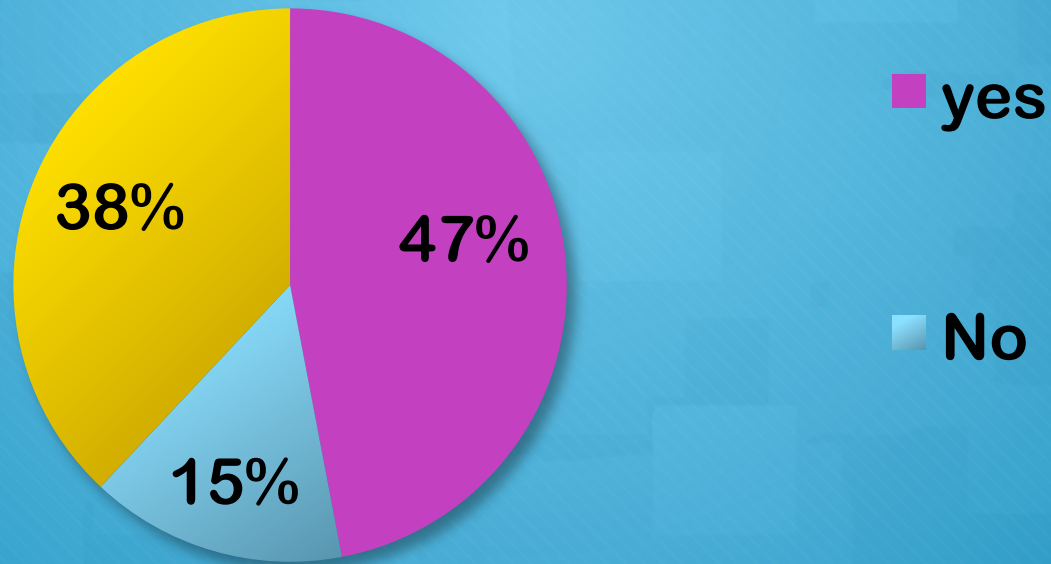
The proposed phase1 community solar installation



The Survey

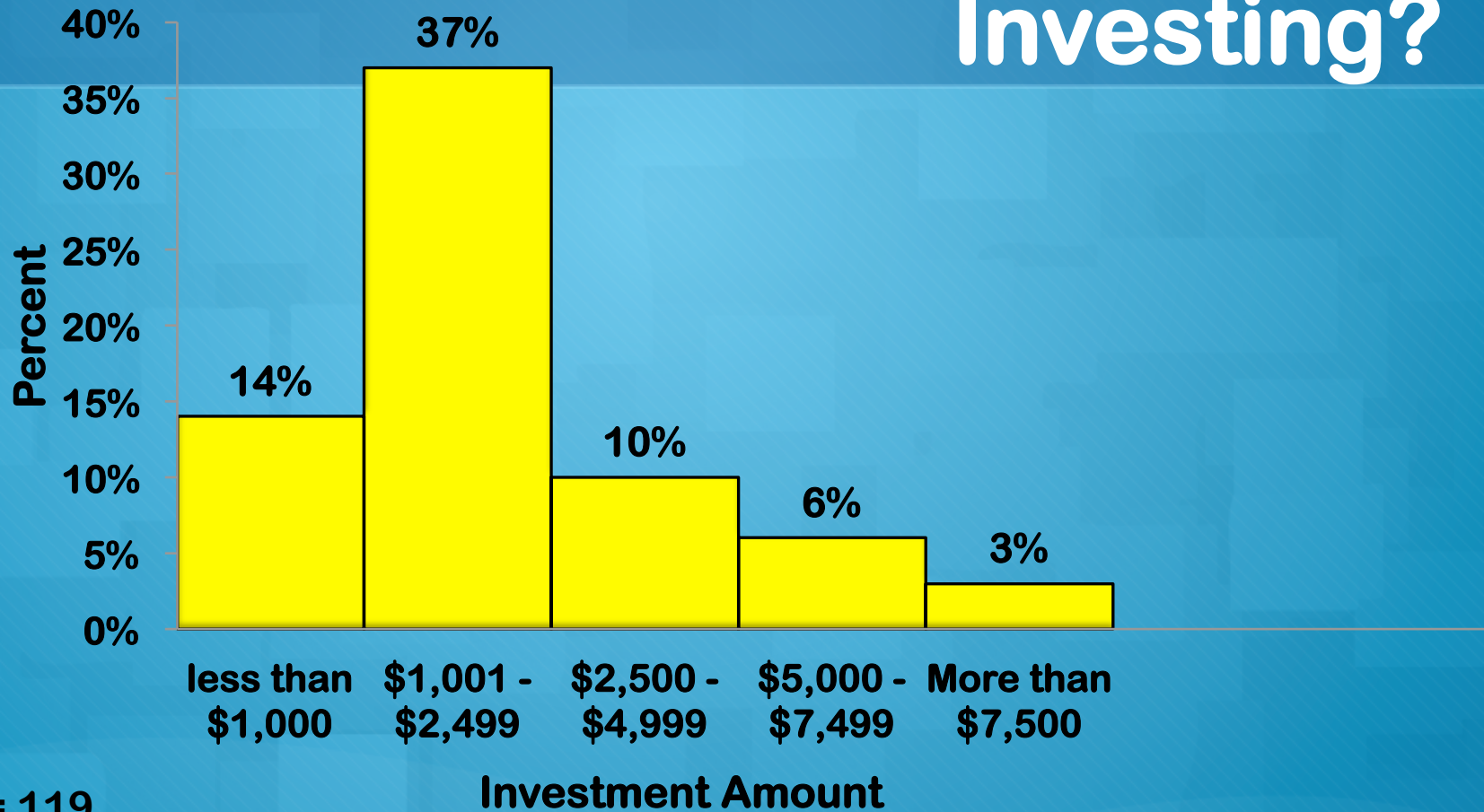
- ◊ Gauge community interest
- ◊ Collect information for potential future projects
- ◊ Are people familiar with community-owned solar?
- ◊ Are people currently using renewable energy?

Are You Interested In Investing?

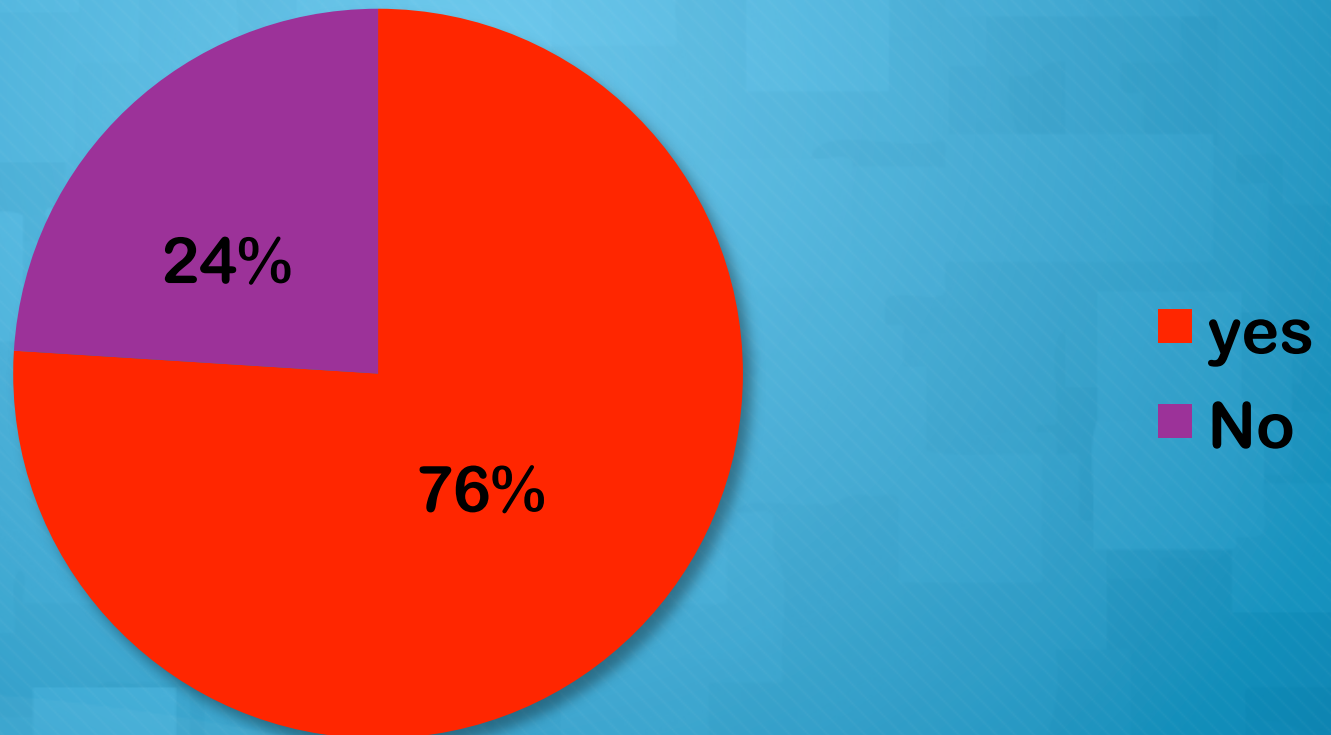


N = 119

How Much Would You Consider Investing?

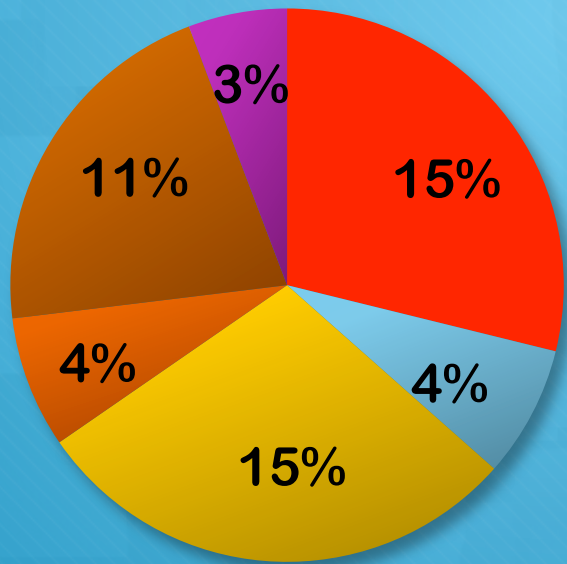


Is Green Mountain Power Your Energy Provider?



N = 119

Who Is the Other 24% Using?



- Washington Electric Coop
- Hardwick Electric
- Vermont Electric Coop
- Morristown Water & Light

N=119

Are People Who Already Know About Solar More Likely to Invest?

Are You Familiar With How “Net Metering” Works?

		Yes	No
Would You be Interested in Investing?	Yes	53%	28%
	I Need More Information	33%	56%

N=119



Next Steps

- Enter contractual relationship with Sugarbush Resort to secure the proposed solar farm site
- Incorporation of MRVE as an LLC
- Submitting requests for proposal
- Membership Drive
- Installation



Questions/Comments?

For more information, visit mrve.net