

MATINICUS

Community Energy Survey Results

Ben Algeo

Island Institute

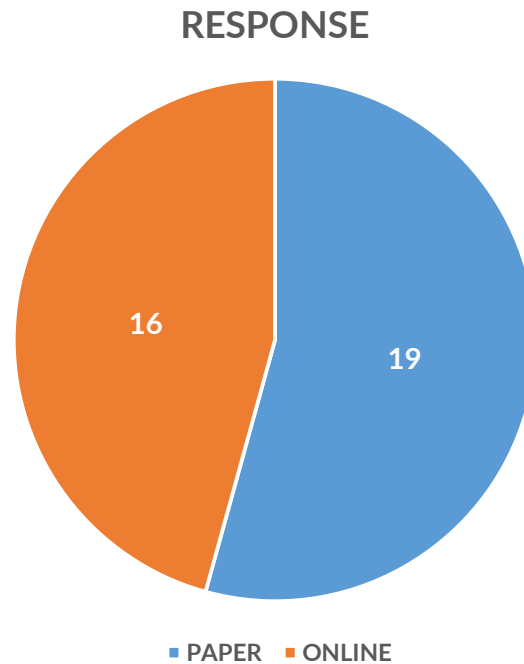
Community Energy Associate

Background

- Matinicus Plantation Electric Company (MPEC) has been considering options for reducing energy costs, environmental impact of energy on Matinicus.
 - Energy efficiency
 - Grid improvements
 - Renewable energy + storage
- Renewable energy and energy storage could be a significant undertaking.
 - Wanted to better understand community attitudes and priorities related to renewable energy.

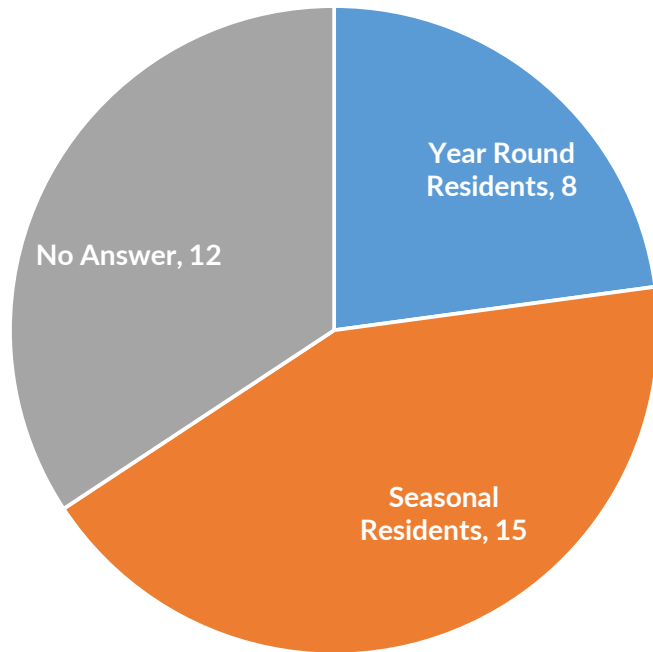
Survey

- Distributed online (via email and Facebook) and mailed to town list.

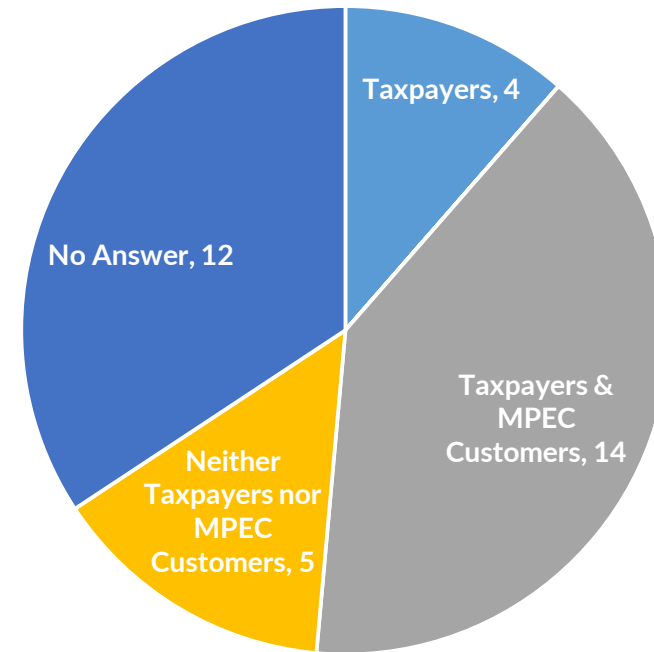


Survey

Demographics
Year-Round v Seasonal

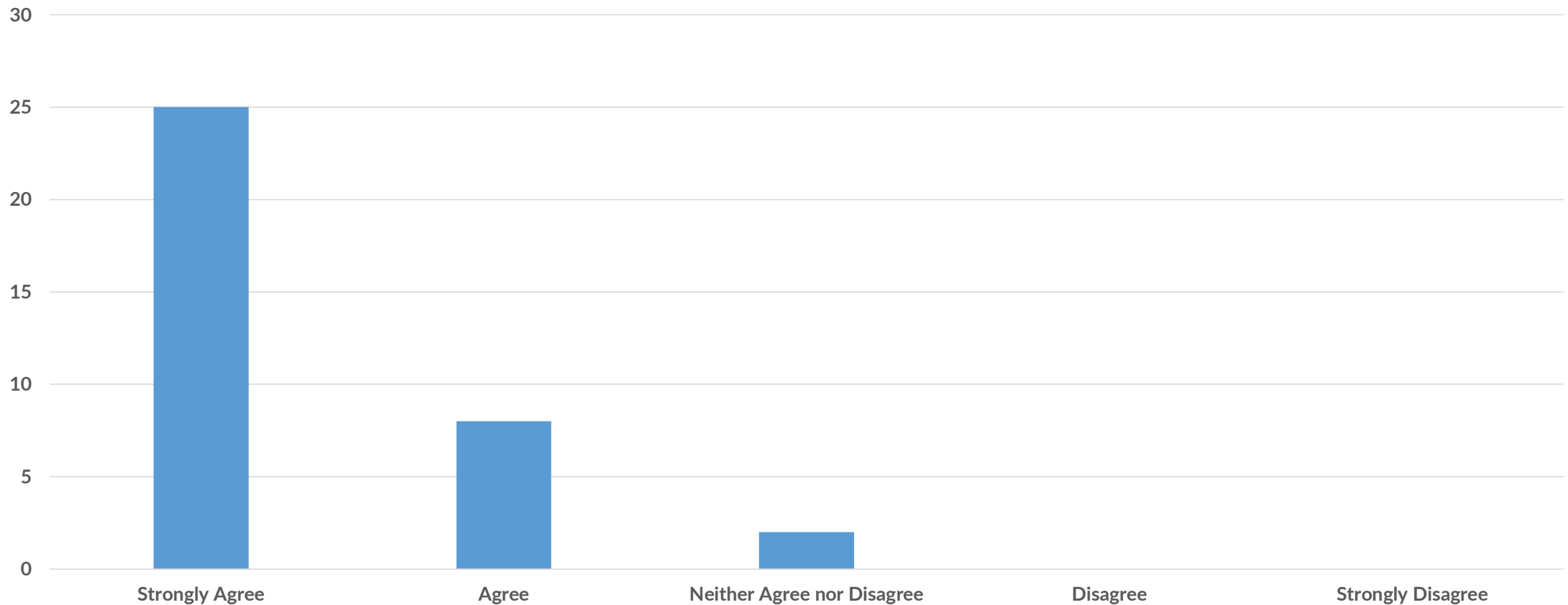


Demographics
MPEC Customers vs Taxpayers



Results: Agree/Disagree

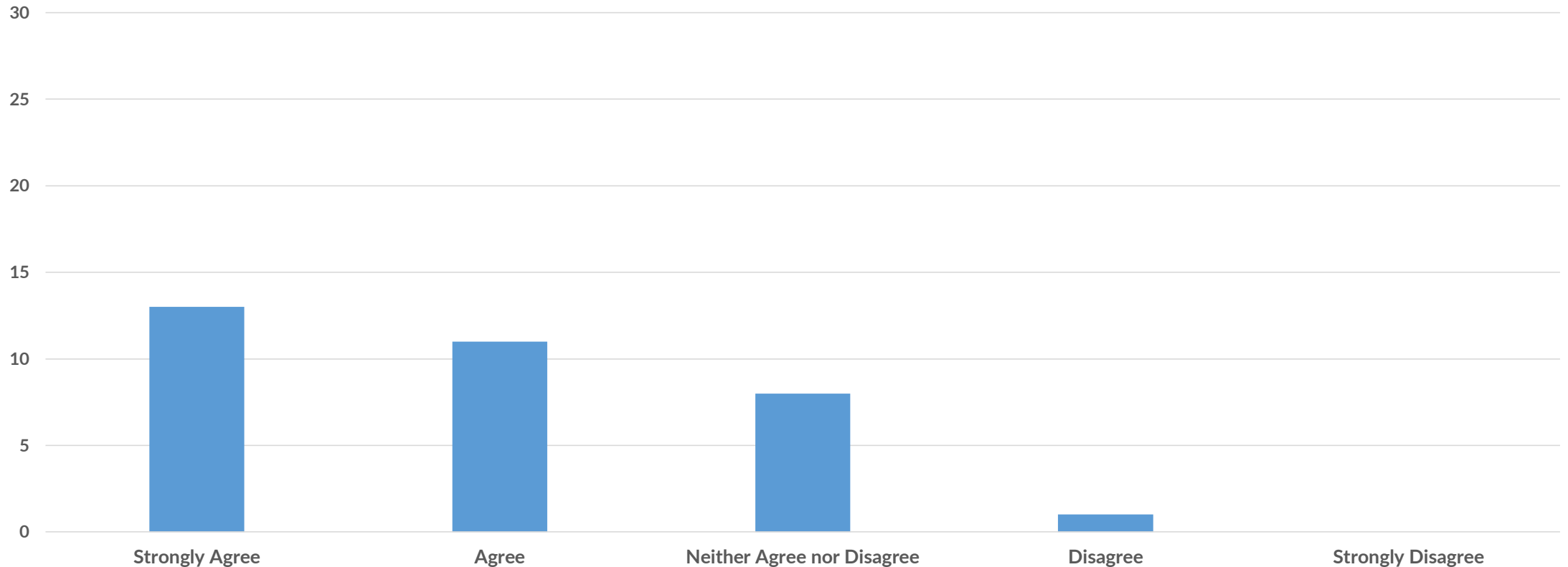
Statement 1: I support pursuing a renewable energy system for Matinicus.



November 21, 2016

Results: Agree/Disagree

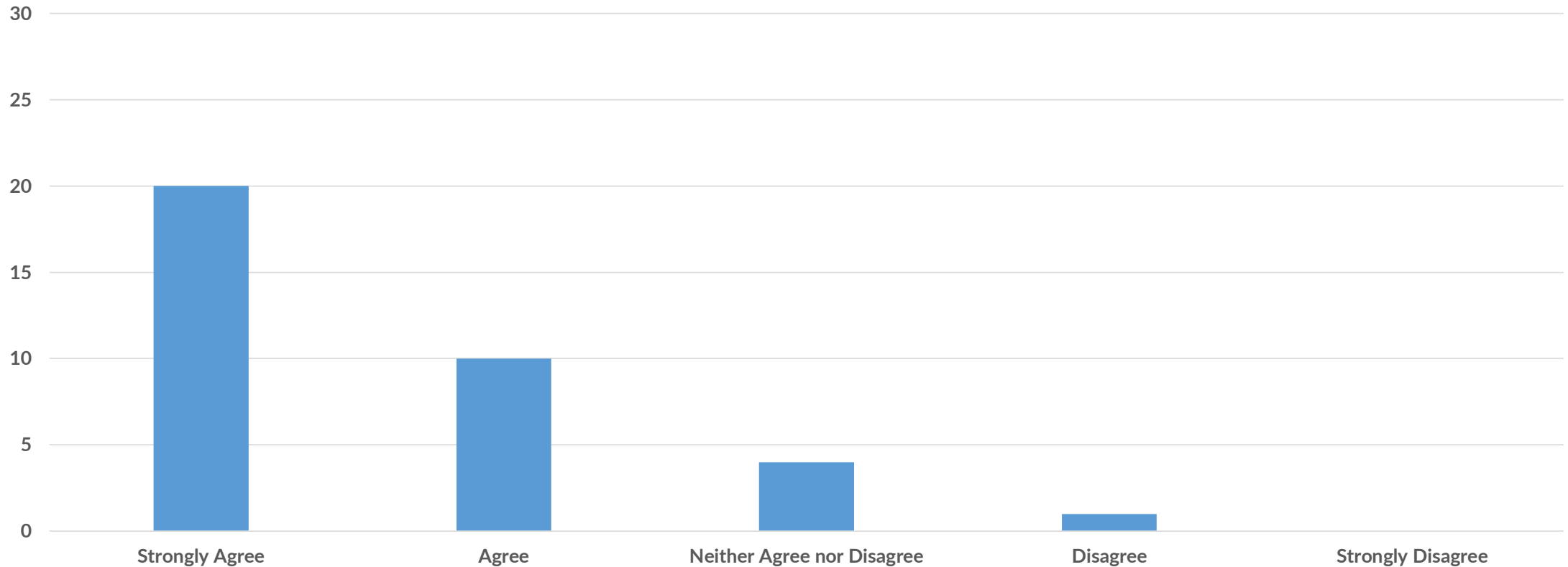
Statement 2: The Matinicus Plantation Electric Company should strive to install an energy system for the lowest cost possible.



November 22, 2016

Results: Agree/Disagree

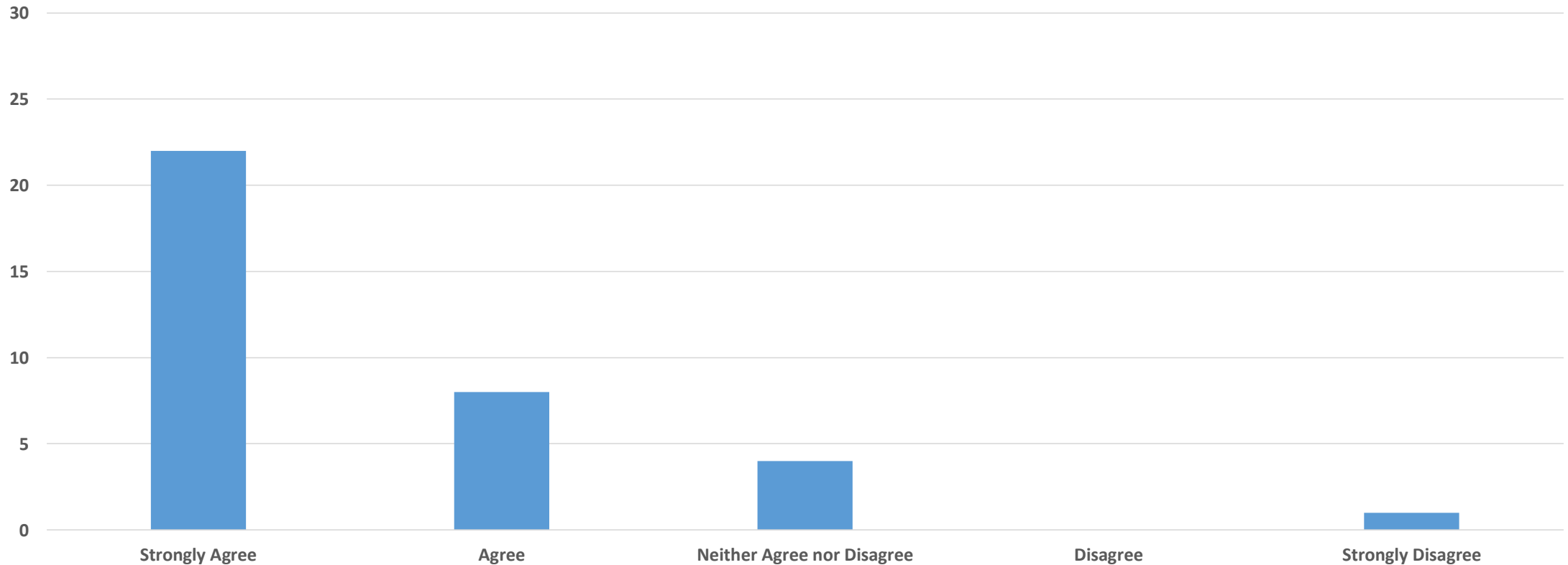
Statement 3: The Matinicus Plantation Electric Company should strive to install an energy system with the least possible environmental impact.



November 22, 2016

Results: Agree/Disagree

Statement 4: The Matinicus Plantation Electric Company should ensure that an energy system on Matinicus is owned and operated by a local entity.



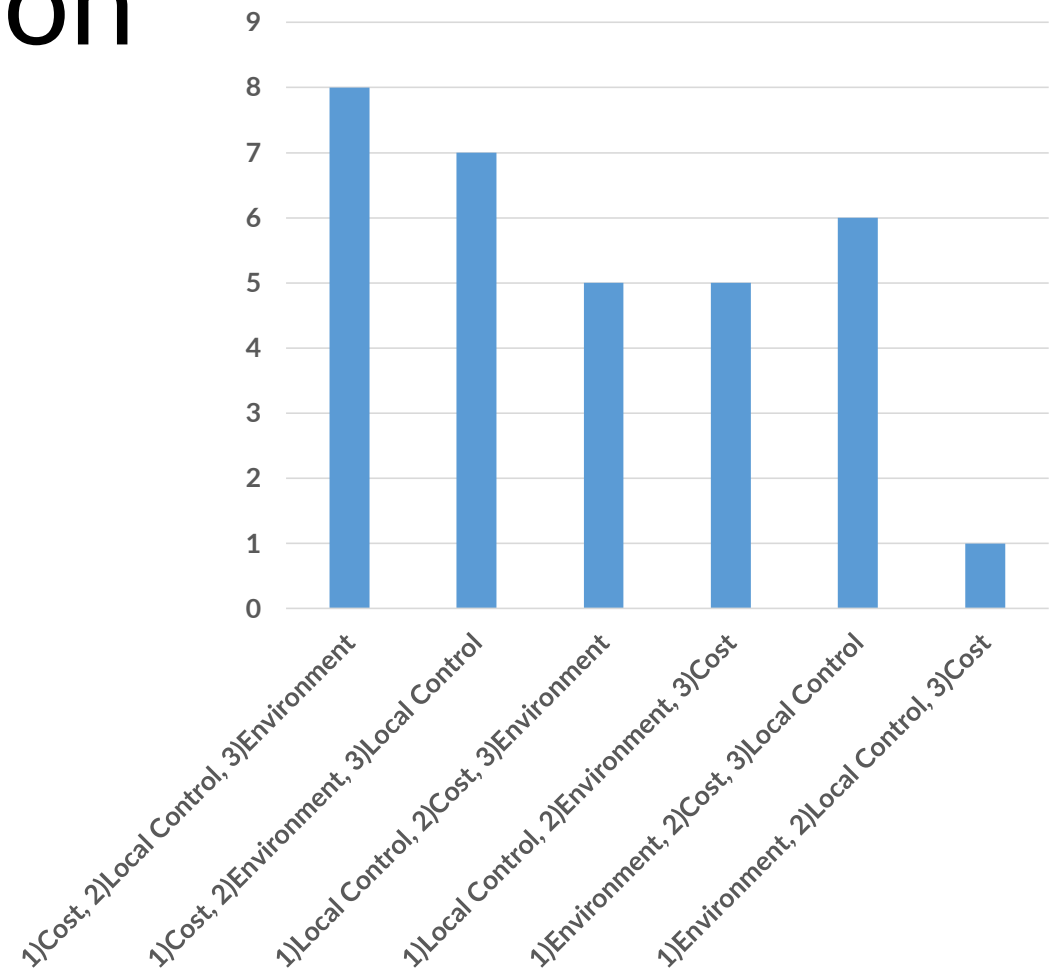
Results: Ranking Question

	Rank		
Please rank the following in order of importance to you:	1	2	3
Savings on my electric bill	15	10	8
Local control over energy systems on Matinicus	11	9	12
Lowering the environmental impact of energy use on Matinicus	6	15	13

Results: Ranking Question

- Ranking Question:
 - Most respondents indicated that cost was their primary concern
 - Not what was indicated on agree/disagree
 - Most popular response was to number answers from 1 – 3
 - Least popular response was to order answers from 3 – 1.
 - May indicate ordering bias

Please rank the following in order of importance to you:



Analysis: Agree/Disagree

- Very strong support for building a renewable energy project on Matinicus
 - **93% “Strongly Agree” / “Agree”**
- Respondents were supportive of reducing environmental impact, minimizing costs, and ensuring local control over energy systems.
 - Ensuring local control: **85% “Strongly Agree” / “Agree”**
 - Minimizing environmental impact: **85% “Strongly Agree” / “Agree”**
 - Minimizing costs: **69% “Strongly Agree” / “Agree”**

Analysis: Ranking

- Ranking question may not be accurate, evidence of “ordering bias”, which may have influenced respondents to give a more favorable ranking to options higher on a list.

QUESTIONS?

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