Vineyard Power Cooperative

Inc.

- A 501-c-12 non-profit located on the island of Martha’s Vineyard

- Over 1350 Members

- Our mission is to produce electricity from local, renewable resources while advocating for and keeping the benefits in the community.

- Our vision is to be Martha’s Vineyard’s community-owned 21st century utility.

- Developed approximately 400kW of solar energy on MV

- Long term goal is to develop a community owned offshore wind farm in the Massachusetts Wind Energy Area
Why Electric Vehicles?

• EVs play an important role in our long term energy goals
  • Conversion to EV increase consumption of local renewable energy
  • Energy Storage potential in EV Batteries
  • Reduce emissions

• Martha’s Vineyard is a great location for EVs
  • Save money on fuel costs (average prices up to $1.0 gallon premium)
  • With limited range in most EVs, only so far you can travel on a charge

• All US plug-in EVs can be charged with a level one 120VAC plug from your home/garage
  • Eliminates the need for an external charging station/extra costs
  • 3-5 miles of driving range added per hour (12 hours = 60 miles)
  • Cord set is supplied with your car

• When plugging in, we should be conscious of where are energy comes from? Solar or wind? Natural gas or Coal?
Raising Awareness

• Hosting an Electric Vehicle Car Day for your community

• National Electric Drive Week (www.driveelectricweek.org)
  • 152 Events in 150 cities in 39 States & Canada
  • Find a location to host event
  • Get EVs (contact local car dealers, find local owners of EVs)
  • Ride & Drives (Tesla will draw a crowd)
  • Educational resources
  • Media Coverage

• Resources
  • Plug in America (www.pluginamerica.org)
  • Electric Auto Association (www.electricauto.org)
  • Sierra Club (www.sierraclub.org)
Financial Incentives

- Federal Incentives
  - A $7500 Tax Credit for EV purchases
    - You must have a tax liability for that year that meets or exceeds $7500 - Use it or lose it –
  - EV infrastructure tax credit on EV charge stations
    - 30% up to $1,000 for consumers
    - 30% up to $30,000 for businesses

- State (Massachusetts) incentives
  - Rebates for EV Program (MOR-EV) (www.mor-ev.org)
    - $2500 rebate for MA residents on purchase or lease
  - EV Incentive Program (MassEVIP) Charging Stations for Businesses
    - Employers with 15+ employees
    - MassDEP will pay 50% of the funding (up to $25,000) for level 1 or 2 charging stations for employers.
Electric Vehicles on MV

• Vineyard Power developed the first electric vehicle charging station on MV.