

Building Systems: Electric Vehicle Recommendations Template

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About: This template helps schools, nonprofits, and community facilities develop a strategic plan for acquiring electric vehicles and installing supporting charging infrastructure. It is based on incentive programs and funding sources available in Massachusetts, but may be adapted for other regions.

Usage Description: This template can be followed to create an Electric Vehicle Recommendation to guide a CCRH (Clean Energy Community Resilience Hub) project.



Electric Vehicle Recommendations Template

Objective:

This template helps schools, nonprofits, and community facilities develop a strategic plan for acquiring electric vehicles and installing supporting charging infrastructure. It is based on incentive programs and funding sources available in Massachusetts, but may be adapted for other regions.

How to Use

1. Customize each section based on your site's transportation needs and capacity.
2. Reference current state and federal incentive programs to reduce upfront costs.
3. Use this document as a companion to funding applications or internal planning.

1. Electric Vehicle Acquisition & Incentives

- Transportation Need: _____
- Recommended Vehicle Type: _____
- Relevant Programs:
 - Volkswagen Settlement Grant (MassDEP): Supports EV buses and charging infrastructure.
 - MassEVIP Fleets Program: Provides up to 60% of hardware and installation costs (max \$50,000 per location).

2. Charging Infrastructure Incentives

Based on your site's educational or nonprofit status, the following are common incentive pathways:

- DC Fast Charging (Public Access): Up to 80–100% of cost; ideal for quick recharge sites.
- Multi-Unit Dwelling / Educational Campus Charging: Level 1 or 2 chargers for overnight or low-speed charging.
- Public Access Charging: For charging stations open to the public.
- Workplace & Fleet Charging: For fleet parking or staff vehicles; up to 60% of eligible costs.

3. Additional Funding Opportunities

- Federal Tax Credit (30C): Up to 30% credit for charging infrastructure. Check IRS guidance on eligibility.

4. Summary of Recommendations



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1. Apply for EV acquisition programs such as the Volkswagen Settlement or DOER pilots.
2. Layer multiple charging incentives (MasseVIP) based on charging needs (fast vs. overnight).
3. Use federal tax credits to reduce remaining costs and ensure infrastructure sustainability.
4. Identify ongoing operational funding or maintenance needs (if any).