EV Technical Support & Funding Opportunities For Municipalities

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Introduction: NYSERDA’s Clean Energy Communities Program in the Capital Region

56 Participating Communities

41 Designated Communities

192 Actions Completed
What is the Clean Energy Communities Program?

• **Open enrollment** Program that provides **rewards and recognition** for communities that demonstrate clean energy leadership

• **Step 1: Become Designated a Clean Energy Community**
  ➢ Complete **4 out of 10** High-Impact Actions with assistance from locally-based technical experts

• **Step 2: Receive Funding for Project Implementation**
  ➢ Access funding with no cost share
The 10 High-Impact Actions

1) Benchmarking
2) Clean Energy Upgrades
3) LED Street Lights
4) Clean Fleets
5) Solarize
6) Unified Solar Permit
7) Energy Code Enforcement Training
8) Climate Smart Communities Certification
9) Community Choice Aggregation
10) Energize NY Finance
Why Should Municipalities Install EV Infrastructure/ Purchase a Fleet EV?

**EV Infrastructure**
- Economic Development Case
- EV Registration Map

**Fleet EVs**
- $$$
- GHG Reductions (fleets can be the highest GHGs for most communities)

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**Original EV Registrations**

**Key Metrics**
- 1.34 BEVs per 1k People
- 2.64 PHEVs per 1k People
- 48.50 BEVs per DCFC Location
- 5,677 EVs per Level 2 Port

**Fleet EVs Comparison**

<table>
<thead>
<tr>
<th></th>
<th>Leaf (all-electric)</th>
<th>Prius (hybrid)</th>
<th>Fusion (gas)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purchase price</td>
<td>$25,797</td>
<td>$22,984</td>
<td>$22,866</td>
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<tr>
<td>Cost of fuel/yr</td>
<td>$141</td>
<td>$326</td>
<td>$765</td>
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<tr>
<td>Maintenance/yr</td>
<td>$317</td>
<td>$859</td>
<td>$1,287</td>
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<tr>
<td>EV charger</td>
<td>$2,656</td>
<td>$0</td>
<td>$0</td>
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<tr>
<td>Ownership cost/yr</td>
<td>$5,620</td>
<td>$3,738</td>
<td>$4,592</td>
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<tr>
<td>Total cost (9 years)</td>
<td>$32,580</td>
<td>$33,644</td>
<td>$41,328</td>
</tr>
</tbody>
</table>

Evaluating the Options of EV Infrastructure

**EV Infrastructure**
- Level II or III Chargers. What makes sense for your municipality?
- Smart or Basic Chargers? Municipalities need to consider the on-going cost of these stations, such as subscription fees. Also, are these stations going to be free? If not, what will be the fee?

**Fleet EVs**
- Hybrid vs Full electric capabilities: Is the community rural/urban? What is their comfort level with EV’s?
Funding Sources

Zero Emissions Vehicle Rebate
• For EV Cars and Infrastructure for Municipalities
• Grants Gateway Application
• Quarterly Reporting for 2 Years after install/purchase

Infrastructure
• 20% match
• Up to $500,000 per municipality

Cars
• Plug-in hybrid electric, all-electric, or hydrogen fuel cell vehicles with a 10- to 50-mile electric range are eligible for rebates of $2,500. Those with an electric range of 51 miles or greater are eligible for rebates of $5,000.

Charge Ready NY Rebate
• $4,000 per port for Level II
• Application through NYSERDA Portal
• Municipalities, Workplace (> 15 employees) and Multi-Unit Dwelling

Clean Energy Communities Program
• No funding available until future rounds
• Local municipalities were able to receive free charging infrastructure/cars through this program after achieving designated, through no-match grants up to $250,000

Also…

Utility Rebates for Make-Ready Costs
• $5,000 per port for make-ready costs
EV Infrastructure and Cars in Local Governments

Publicly Available Charging Stations Installed by Municipality

- Village of Lake George
- Town of Lake George
- City of Glens Falls
- City of Saratoga Springs
- City of Schenectady
- City of Troy
- Village of Altamont
- Town of Guilderland
- Village of Voorheesville
- Village of Tannersville
- Albany County
- Town of New Scotland
- Town of Greenville
- Town of Kinderhook
- Village of Kinderhook
- Village of Chatham
- Town of Ghent
- Town of Austerlitz
- Town of Hillsdale
- Town of Ancram

Fleet EVs

- City of Cohoes
- Albany County
- Town of Canaan

EV Fleet Stations

Town of Queensbury
Schenectady County
Thank you!

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