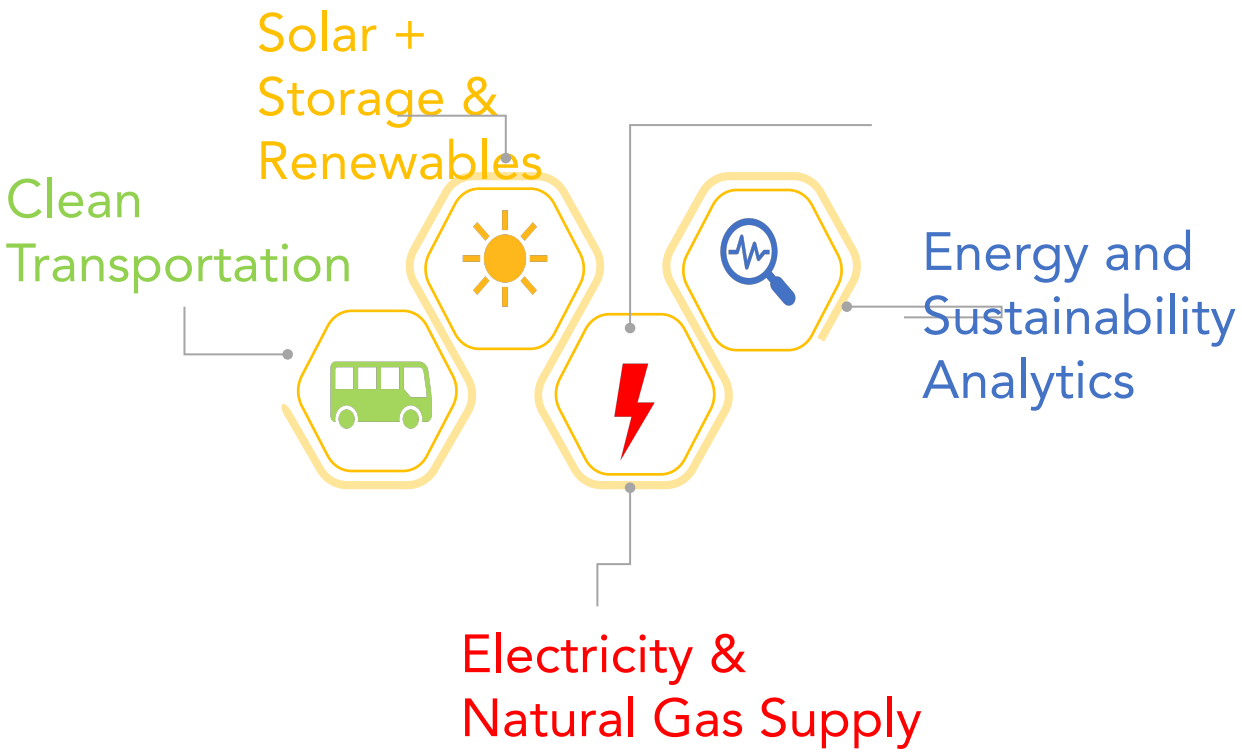
Introduction

PowerOptions
Powering Nonprofits since 1998

What we offer



CLEAN TRANSPORTATION

Electric Vehicle Chargers:

- **Procurement and incentive support**
- **Pre-negotiated pricing schedule and discounts**

Clean Fleet Vehicles

- **Buying power of consortium to drive down costs and facilitate options**
- **Access to innovative finance mechanisms and managed procurement process**
- **Fleet-wide analysis to roadmap**

Root Problem -

Lack of sufficient electrical infrastructure capacity to support full fleet electrification

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Key Obstacles -

- Fleet EVSE – significant load requirements
  - Most fleet EVSE require new electrical panels
  - Many fleet EVSE require new utility service line
  - Nearly all DCFC for MDHD fleet EVSE require utility upgrades
- Unclear path to utility side information and analysis
- Cost of utility and site electrical upgrades

IN ORDER TO ACCELERATE FLEET ELECTRIFICATON, INFRASTRUCTURE UPGRADES IN FRONT AND BEHIND THE METER NEED TARGETED PLANNING ASSISTANCE, COORDINATION AND FUNDING

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Benefits

- Sufficient EVSE capacity provides piece of mind that “fuel” will be available when needed
- Utility infrastructure upgrades will support regional electrification goals
- Filling gaps in funding support for EVSE will advance fleet electrification timeline
- Accelerated fleet electrification supports grid needs for storage capacity and benefit

Risks of Inaction

- Fleet electrification delays
  - Due to high cost and long EVSE planning and construction timeline
- MDHD vehicle electrification delays result in lower emissions reductions
- Difficulty meeting state’s clean transportation goals

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Regarding Clean Transportation, to achieve Greater Boston's Climate, Health and Equity goals, a critical obstacle to collectively overcome in 12 months is -

Target planning and coordination for upgrades, focusing on capacity constrained regions and Environmental Justice Communities, in preparation for and supported by Federal funding $

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