CDTC’s New Visions Virtual Learning Series Webinar

LEVEL 2 EV CHARGING OVERVIEW

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Basics

• Level 2 - Chargers produce roughly 20-55 miles of range per hour depending on the vehicle and electrical configuration of the stations.

• Newer vehicle -> Faster charge (typically)

• Higher output unit-> Faster charge rate

• Dual port units can charge two vehicles at once.
Funding

NYS Utility Funding:

- Publicly accessible chargers: 90% up to $10,800 per dual port unit or $5,400 per plug.
- Private/Fleet chargers: 50% up to $6,000 per dual port unit or $3000 per plug.
- If DAC (disadvantaged community) you may qualify for 100% funding up to $12,000 per dual port unit or $6,000 per plug.

All chargers installed for funding will need to be on the utility companies pre-approved charger list or they will not qualify.
Funding continued

NYSERDA: Historically, NYSERDA funded $4,000 per plug towards the chargers.
• This funding is 100% consumed and this program has ended.
• Rumors of a return but no hard evidence.

DEC ZEV Grant: (Department of Environmental Conservation – Zero Emission Vehicle)
• Up to 80% of total out of pocket covered for municipal jobs.
Things to plan for/on-going expenses

Networking
- Networking fees differ depending on the MFG
- Roughly $200 per year/per plug across the board

Warranty
- Depends on the station MFG
- Almost all units come with at least 1 year
- Chargepoint provides a 5 and 5 term (parts and labor)
Pain Points/Costly Items

- Permitting
- Lead time on electrical parts
- Location:

  Close to panel/power, asphalt rip and replace, etc.
THANK YOU!!

Contact: bmortka@pisoev.com for more information/support!

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