

# 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](mailto:bmortka@pisoev.com) for more information/support!

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