

Maine state government is working to achieve a climate change goal of increasing the number of electric vehicles (EVs) on the road in Maine by 2030. Part of the roadmap to achieving this goal includes expanding the state's EV charging infrastructure. This guide outlines the benefits, vendor options (including pricing), and steps for Maine state agencies seeking to purchase EV charging stations.

## BENEFITS

According to Efficiency Maine, there are several workplace benefits for installing EV charging stations, including:

- Increase workplace loyalty
- Demonstrate sustainability commitments
- Strengthen relationships with customers
- Reduce the environmental impact and cost of employee and customer commuting while supporting growth of EV fleets

These benefits may, in some cases, be combined with incentives from Efficiency Maine and additional rebates and/or discounts from vendors.

## CHARGING STATION BASICS

TYPE	DESCRIPTION	SUITED FOR	POWER SUPPLY	APPROX. CHARGING TIME
<b>Level 1</b>	Charger typically included with EV purchase or lease	Residential, workplace	Standard 120V outlet (standard home outlet)	8-15 hours
<b>Level 2</b>	Most home and public chargers are Level 2	Residential, workplace, multifamily dwellings	240 V (similar to an electric dryer outlet)	3-10 hours
<b>Level 3 or DC Fast Charging</b>	Fastest kind of charging available	Sites catering to through-travelers or sites with high demand	50-150+ kW 480V	20 min – 1 hour

## Networked vs. Non-Networked, Proprietary

EV charging stations can be networked (connected to the Internet) or non-networked.

- Networked charging stations have remote access to management tools through an online portal called an EVSE network. These systems allow owners to collect payment, control who has access to the charger, how long it can be used, which hours it operates, and have the ability to remotely start and stop the charger. Networked chargers carry annual service fees.
- Non-networked chargers are stand-alone units that are not part of an EVSE network and are not accessible remotely.

In addition, some EV models (like Tesla) can only use proprietary chargers. Read more about the features of EV charging stations at <https://www.efficiencymaine.com/at-work/electric-vehicle-charging/>.

## CONTRACTED VENDORS

Currently, the state has master agreements (MAs) for EV charging stations with these vendors:

**Carbon Day**  
(subcontractor: ChargePoint)  
[MA - 20073000000000000004](#)

**FLO Services, USA**  
[MA - 22041100000000000109](#)

**FreeWire Technologies**  
[MA - 22040500000000000107](#)

**REMINDER:** Agencies must use a statewide master agreement whenever one exists that can fulfill the needed goods or services of the agency. If an agency cannot use the MAs for EV charging stations described in this guide, the agency must submit a detailed justification to the Division of Procurement Services for review and the request will be put out to bid.

## HIGH-LEVEL STEPS FOR PROCURING EV CHARGING STATION

1. Determine your agency's need and placement of the charging station:
  - a. Level 2 charger
  - b. Public area or private area
  - c. Networked or non-networked (private areas only)
2. Review the vendor product/pricing summaries below and contact the vendors that supply the needed charger(s) to obtain quotes.
  - a. Get a quote from each vendor to make sure you are getting the best price.
3. Contact the Bureau of General Services (BGS) for site preparation and leasing (if relevant):
  - a. Jill Instasi ([Jill.Instasi@maine.gov](mailto:Jill.Instasi@maine.gov))
  - b. Mathew Longanecker ([mathew.longanecker@maine.gov](mailto:mathew.longanecker@maine.gov))
4. Visit [www.energymaine.com/opportunities/](http://www.energymaine.com/opportunities/) to see if incentives are available from Efficiency Maine.
5. Contact Mark Bailey ([mark.r.bailey@maine.gov](mailto:mark.r.bailey@maine.gov)) in Central Fleet Management to add electric vehicles to your fleet.
6. Submit a delivery order (DO) in Advantage with the specified charger(s) and installation instructions attached.

## VENDOR PRODUCT/PRICING SUMMARIES

Carbon Day (Subcontractor: ChargePoint)   <a href="http://carboday.com">carboday.com</a>				
<b>CONTACT</b>	Bob Spatz	<a href="mailto:bobs@carboday.com">bobs@carboday.com</a>	(518) 505-0508	
<b>PRODUCT SUMMARY</b>	Level 2, networked, dual port charging equipment and services: <ul style="list-style-type: none"> <li>• ChargePoint CT4021 Dual Pedestal Mounted Charger</li> <li>• ChargePoint CT4023 Dual Wall Mounted Charger</li> </ul>			
ITEM / DESCRIPTION	PURCHASE COST		SERVICE FEES	
<b>ChargePoint CT4021</b> ✓ 6' Freestanding ✓ Pedestal Mounted ✓ Dual Plug	Equipment	\$5,195	Network Services	\$658*
	Installation	\$1,200	Operation & Maintenance	\$599*
	Activation	\$174.50		
	<b>TOTAL</b>	<b>\$6,596.50</b>	<b>YEARLY FEES</b>	<b>\$1,257*</b>

# Quick Reference Guide: Electric Vehicle Charging Stations

April 2022

Carbon Day (Subcontractor: ChargePoint)   <a href="http://carboday.com">carboday.com</a>				
ITEM / DESCRIPTION	PURCHASE COST		SERVICE FEES	
<b>ChargePoint CT4023</b> ✓ 6' Wall Mount ✓ Dual Plug	Equipment	\$5,100	Network Services	\$658*
	Installation	\$1,200	Operation & Maintenance	\$599*
	Activation	\$174.50		
	<b>TOTAL</b>	<b>\$6,474.50</b>	<b>YEARLY FEES</b>	<b>\$1,257*</b>

\*per year/charger

FLO Services, USA   <a href="http://flo.com">flo.com</a>			
<b>CONTACT</b>	Brookes Shean	<a href="mailto:bshean@flo.com">bshean@flo.com</a>	(416) 427-3339
<b>PROD / SERV SUMMARY</b>	✓ Level 2 EV charging stations ✓ DC fast-charging stations ✓ Residential charging stations (non-networked) ✓ Workplace & fleet solutions ✓ Public & on-street solutions	✓ Network & monitoring services ✓ 24/7 customer care ✓ In-field support & maintenance ✓ Deployment management services ✓ Fulfillment teams coast-to-coast	
<b>PRICING</b>	11% to 50% discount off list Volume discount applicable to order size		

FreeWire Technologies   <a href="http://freewiretech.com">freewiretech.com</a>			
<b>CONTACT (2)</b>	Susie Monson	<a href="mailto:smonson@freewiretech.com">smonson@freewiretech.com</a>	(415) 305-5051
<b>PROD / SERV SUMMARY</b>	✓ Ultra-fast EV charging stations ✓ Energy Storage	✓ Asset management software ✓ Service & maintenance	
<b>PRICING</b>	Up to 3% Discount off MRSP Volume discount applicable to order size		

## CHARGING STATION ETIQUETTE

- ✓ Only park in an EV charging space if you're genuinely charging your vehicle.
- ✓ Once you have your car plugged in, make sure charging has started successfully before you walk away.
- ✓ Once your vehicle is charged, move it from the charging bay.
- ✓ Put away cables when you're done charging and leave the charging spot ready for the next motorist.
- ✓ Do not unplug another vehicle that's charging without the owner's consent.

### Procurement Questions?

Contact Bill Allen ([wje.allen@maine.gov](mailto:wje.allen@maine.gov))