Public EV Charging Program

General Webinar

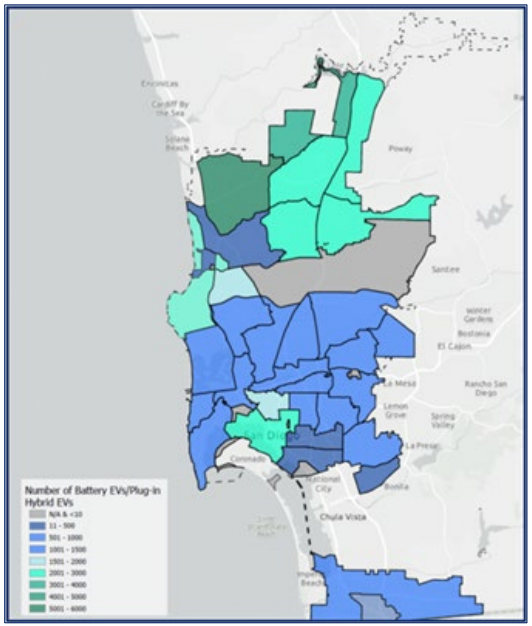
SD General Services

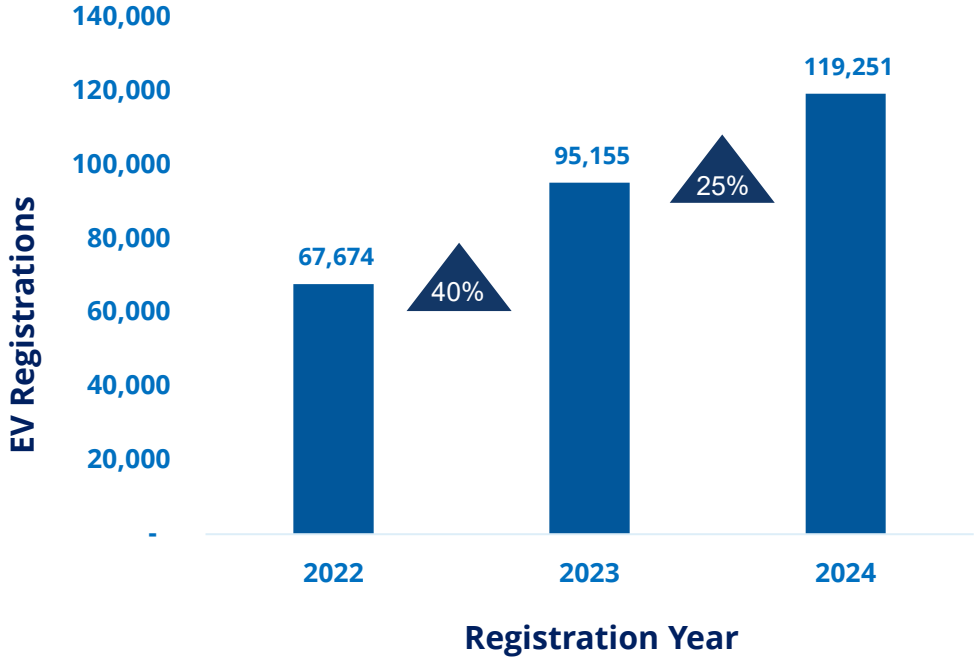
October 2025

Purpose

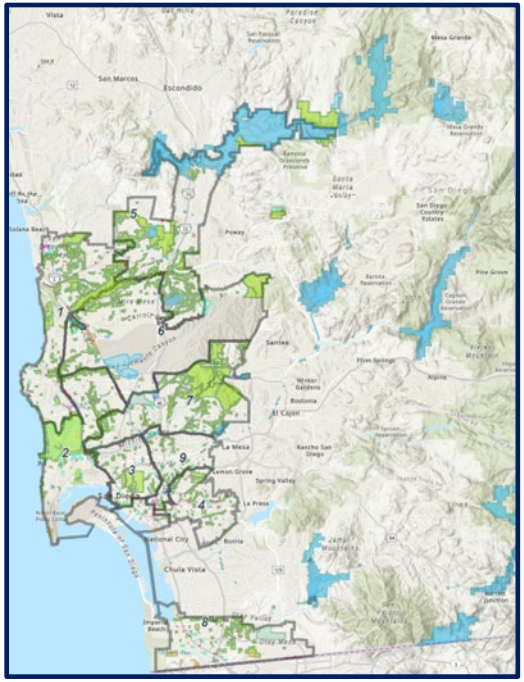
- **What is the goal of the Public EV Charging Program?**
  - Expand public access to EV chargers in every community
  - Create a public EV charging network
  - Foster confidence for all drivers transitioning to an EV
- **Why a Public EV Charging Program?**
  - Policy Drivers
    - State of California – Building Code & Zero Emissions Vehicles Goals
    - City of San Diego – Climate Action Plan
  - Demand

City of San Diego Electric Vehicle DMV Registrations





The Opportunity

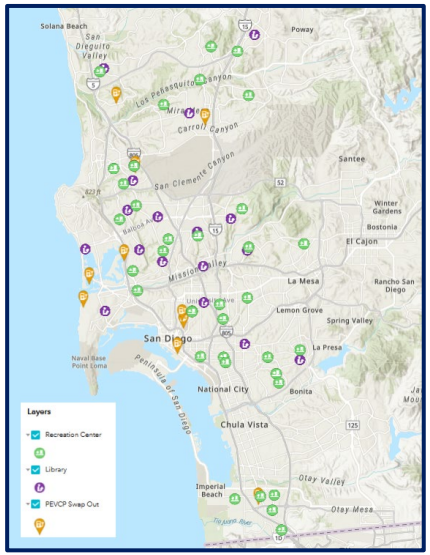


- **Climate Action Plan Implementation**
  - 2030 – 16% all Light-Duty e-VMT Citywide
  - 2035 – 25% all Light-Duty e-VMT Citywide
- **Diverse Property Owner**
- **Equitable Access to Chargers**

No Upfront Cost to the City

- City Property + EVerged's Charging Network
- 10-Year Agreement
- Offset City Capital Project Costs
- Shared Revenue
- City Buy-Out for Infrastructure

EV Charger Deployment



Category	Descriptions	Priority
Swap Out	Public EV Chargers at City Locations	Replacement ✓
One	Public City Facilities (Libraries and Recreation Centers)	Priority One ★
Two	City Workplaces (Offices, Police & Fire Stations, etc.)	Priority Two
Three	New City Facilities Construction Projects	Per Construction Timeline
Four	Other City Properties	Vendor Determined

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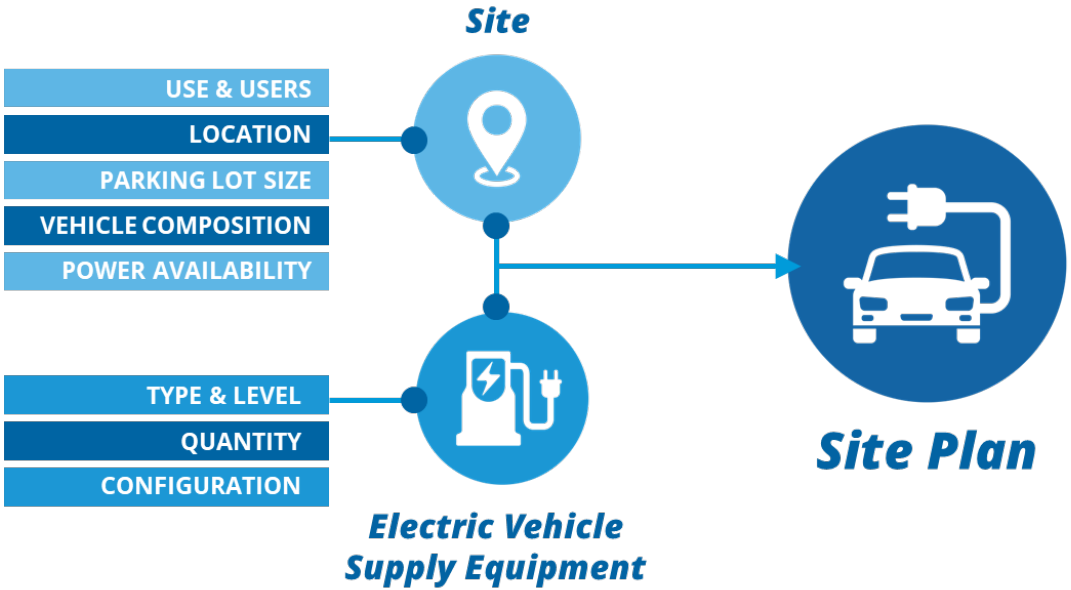
EV Charger Deployment: Site Considerations



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What to Expect During Construction

Site Preparation

2 – 3 Weeks

Prepare area for construction

Equipment Installation

2 – 3 Weeks

Equipment installation

Testing & Commissioning

1 – 2 Weeks

System testing

- **Advanced Notice**
  Notice before work begins
- **Site Impacts**
  Construction impacts will be outlined in advance and kept to a minimum
- **Construction Timeline**
  Project scope will dictate construction timeline

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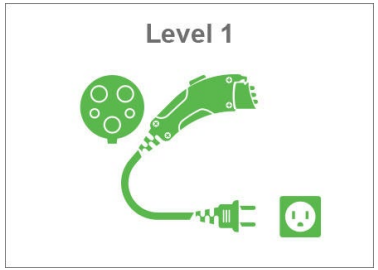
THINK
Miles not
Gallons

EV Chargers 101

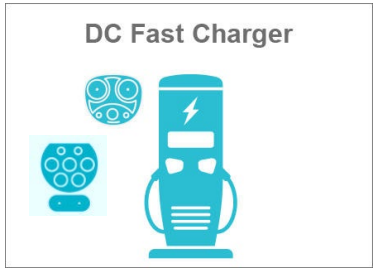


Level 1 Charger

- 120 Volts
- Standard wall outlet
- Average Charge Rate:
  - 5 miles per 60 minutes
- Residential use

Level 2 Charger

- 240 Volts
- Wall outlet with dedicated circuit
- Average Charge Range:
  - 20 miles per 60 minutes
- Residential or commercial use



DC Fast Charger

- 480 Volts
- Fastest charge
- Average Charge Range:
  - 50 miles per 15 minutes
- Commercial use

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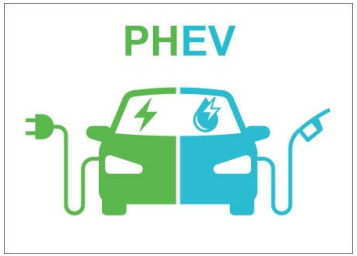
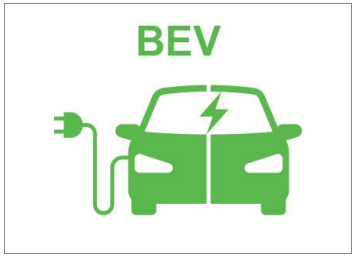
SDG&E: https://www.sdge.com/residential/electric-vehicles/power-your-drive/public-charging#types
Veloz: https://www.electricforall.org/charging-with-confidence/
Electric Vehicle Association: https://www.myeva.org/ev-facts

Electric Vehicles 101



Plug-in Hybrid EV (PHEV)

- Runs on Gas *AND* Electricity
  - Two motors – Internal Combustion & Electric
- Total Average Range: 300 – 600 miles
  - Est. 20 – 55 Electric miles
- Charging Options:
  - Level 1
  - Level 2



Battery EV (BEV)

- Runs on Electricity *ONLY*
- Average Range (2025): 310 miles
- Lower Maintenance Costs
- Charging Options:
  - Level 1
  - Level 2
  - DC Fast Charger

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SDG&E: https://www.sdge.com/residential/electric-vehicles/getting-started
Veloz: https://www.electricforall.org/ev-basics/
Electric Vehicle Association: https://www.myeva.org/ev-facts

Thank you!

Use this QR code to complete a survey, provide feedback, ask questions or register for email updates.

Contact us at ***zev@sandiego.gov***

For more information visit the Public Electric Vehicle Charging Program website at ***www.sandiego.gov/pevcp***

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