

**The Energy to Thrive™**

# **CORE Electric Cooperative Town of Palmer Lake EV Charger**

**November 9, 2023**



# CORE EV Public Charging Program

- CORE submitted a CHARGE AHEAD COLORADO Grant Application in June 2022
- 11 Locations including were proposed to help Members learn about EV charging and promote EV transportation through CORE's communities
- CORE received funding for 7 locations
- CORE did not submit or receive a Grant for Palmer Lake
- CORE is committed to serving Palmer Lake and has requested to place a Level III Charger at the Parking Area located at HW 105 and the West Side of the lake.
  - No Cost to Town
  - 5 Year minimum installation requested
  - CORE will own, operate, and maintain



# Site Rendering



PRELIMINARY  
FOR REFERENCE ONLY



ChargePoint Express 250  
Two (2) Level 3 DC Fast Charger (Single Port)  
125kW shared charging

Primrose St. & State Hwy 105 Palmer Lake, CO

39.123085, -104.914046

Level 3 Public Charging Station

Proposed Layout - Rev. 0, 10/13/2023

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# CORE Public EV Charging Program : Frequently Asked Questions

Q: What is the goal of CORE's Public EV Charging Program?

A: CORE Electric Cooperative's public EV charger program was developed to improve access to electric vehicle charging infrastructure for CORE members as well as support economic development in our rural communities.

Q: How will the public use the electric vehicle chargers?

A: Users will need to create a free account with ChargePoint. This free account will allow EV owners to access ChargePoint's network of free and paid public chargers. ChargePoint operates a charger network across the USA.

Q: Where will CORE's public EV chargers be located?

A: The electric vehicle chargers will be installed in high-traffic areas that provide easy access to businesses. Charger locations will be coordinated with local municipalities.

Q: Will CORE's EV chargers be free to use?

A: Initially, all CORE-owned public EV chargers will be free of charge. CORE will analyze usage patterns at EV chargers to determine fair market pricing. CORE is proposing 30 days of free charging. A cost to charge at these stations will apply where CORE members pay the same rate as their residential rate and nonmembers will pay a market rate.

# CORE Public EV Charging Program : Frequently Asked Questions

Q: Can CORE's EV charging stations be turned off?

A: EV charging stations will be connected to the internet which allows CORE to monitor and control the stations. Stations can be configured to operate on a predetermined schedule if necessary.

Q: Who will own and operate the EV charging station?

A: CORE will own the charging station and be responsible for all operational aspects of the charging station including maintenance, electricity charges, control, and data collection.

Q: How much space is required and what accessibility requirements are there for each charging station?

A: The minimum charging station site will require two (2) standard (11'-0" wide) parking spaces plus an adjacent 5'-0" wide striped area for accessible vehicle access. In some cases, a curb-cut and ramp may need to be installed for wheelchair access. These parking spaces are not required to be limited to accessible vehicle usage, but they must have accessible features.

Q: What are the proposed land usage and contractual terms for these stations?

A: CORE will need a minimum 5-year lease agreement. The 5-year lease can have a renewal option if desired.

# Thank You & Questions

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