



Northfield Rotary EV Charging Project – Grant & Partnership Opportunity

What is the Northfield EV Charging Project?

Northfield Rotary Club is spearheading a project to be the catalyst and financial sponsor promoting the installation of “level 2” dual plug electric vehicle (EV) public use charging stations in the Northfield area.

Overall Project Benefits:

- 1) **Reducing** carbon through supporting the use of electric vehicles.
- 2) **Facilitating** Northfield's economic development to encourage “green” commuters from the Twin Cities, Rochester, and other nearby communities to come spend time and money here in Northfield.
- 3) **Increasing** awareness of climate change / carbon reduction within Northfield, other Rotary Clubs as well as advocate to Rotary International the importance of the issue.
- 4) **Supporting** City of Northfield’s Climate Action Plan initiative by partnering with the City in this venture.

How will the partnership work?

The Northfield Rotary Club will provide you a \$7,000 grant to assist in the purchase/installation of one CT4000 Level 2 AC dual plug EV public use terminal. Northfield Rotary has researched multiple EV vendors and selected ChargePoint. ChargePoint has 80% market share, and is currently contracted with the City of Minneapolis, City of St. Paul, City of Rochester and the University of Minnesota to name a few. Carleton College currently has a Level 2 Charge from ChargePoint. For more information about ChargePoint see the supplemental ChargePoint documentation.

What will Northfield Rotary provide?

- A grant to assist with the purchase/installation of one EV terminal.
- Additional visibility for your business/organization through promotion of the location of your EV terminal on Rotary Club website and Rotary social media pages. Your location will be displayed to EV users via the ChargePoint app.
- Introduction and assist with calls with Carbon Day Automotive (ChargePoint’s channel partner) and ChargePoint.
- Share our knowledge and learnings about EVs.

What will you provide?

- Agree to install one “level 2” dual plug EV terminals and allow Northfield Rotary signage on your terminal.
- Be the contracting partner with ChargePoint/Carbon Day Automotive for Commercial Service Plan.
- Cover the remaining cost of the station and maintain public access to the station.

Timeline:

“Application” Submission Date – **5/1/2019**

Cost Estimates:

	ChargePoint Pricing
EV Terminal Description	CT4000 Level 2 AC – Dual Bollard Mount
Purchase Price	\$5,410 (Gateway) + \$95 Mounting Kit + \$125 Shipping = \$5,630
Installation Cost	This can vary by contractor and location- Assume at least \$5,000 per terminal. (this is only an estimate based on conversations with other ChargePoint EV customers) Wall mount terminals may have lower installation costs.
Annual Ongoing Costs (assuming 5-year contract)	Commercial Cloud Plan = \$221/year per plug x 2 = \$442 + electricity* <i>*There are a variety of options to charge customers for usage/electricity</i>
Warranty (optional)	\$499 annually
Your Total Estimated 1st Year Cost (without warranty option)	\$4,072 + Electricity (\$11,072 + Electricity* - \$7,000 Rotary Grant)

THANK YOU FOR CONSIDERING PARTNERING WITH NORTHFIELD ROTARY ON THIS PROJECT!