



## JOIN CLEAN CITIES TO HELP THE YELLOWSTONE-TETON REGION PLUG-IN!

### HOW

Yellowstone-Teton Clean Cities is offering **\$5,000** rebates for **publicly available electric vehicle charging stations**. Businesses and municipalities in the communities surrounding Grand Teton and Yellowstone National parks are eligible.

### BENEFITS

- **Increase customer traffic** while customers spend their charging time in the store.
- **Increase business** as some will choose your business or location due to charging capabilities.
- Our incentive provides significant **financial aid** to help purchase and install an electric vehicle charging station.
- Helps **reduce greenhouse gas emissions** due to zero tailpipe emissions.
- Provides a first step to begin or support your own electric vehicle fleet.

### WHY

Currently the Greater Yellowstone Region only has a few publicly available electric vehicle charging stations compared to the thousands available in locations throughout the country. **You have the opportunity to be a part of something meaningful** by helping build the charging network necessary for electric vehicles to travel throughout our region.



YELLOWSTONE-TETON CLEAN CITIES



# YELLOWSTONE-TETON CLEAN CITIES

## Electric Vehicle Charging Station Rebate Application

### Customer Information

Business Name \_\_\_\_\_ Phone \_\_\_\_\_  
Business Representative Name \_\_\_\_\_ Email \_\_\_\_\_  
Business Address \_\_\_\_\_

### Site Information

Installation Address \_\_\_\_\_  
Type of Parking:  Street Parking     Parking Garage     Paved Lot     Other  
Installer's Name and Company \_\_\_\_\_  
Permit Jurisdiction (city, town, county) \_\_\_\_\_  
Permit Number \_\_\_\_\_  
Installation Date \_\_\_\_\_  
Do you plan to charge a user fee?  Yes     No  
Total number of charging stations you plan to install at this address \_\_\_\_\_  
Total rebate amount \_\_\_\_\_  
Charging Station Brand \_\_\_\_\_ Model # \_\_\_\_\_

### Program

Teton Conservation District  (Must be located in Teton County, WY)  
Environmental Protection Agency  (Located in WY and MT communities surrounding Grand Teton and Yellowstone National Parks, must be powered by green energy. If located in Teton County, please apply for the Teton Conservation District program)  
Type of green power  Solar     Wind     Utility purchased     Other  
Green Power Capacity \_\_\_\_\_

**Before rebate is awarded, applicant must submit proof of purchase and photo of installed unit.**

I understand and accept all terms and conditions outlined in this Rebate Application.

Authorized Representative's Signature: \_\_\_\_\_ Date \_\_\_\_\_

Submit via email to: [alicia@ytcleanenergy.org](mailto:alicia@ytcleanenergy.org)

Submit hard copies to: PO Box 2574, Jackson, WY 83002



# YELLOWSTONE-TETON CLEAN CITIES

## Electric Vehicle Charging Station Rebate Supporting Details

### **Program Background**

Throughout the country there are currently close to 30,000 electric vehicle charging stations available to the public, though only a handful in the Greater Yellowstone region. YTCC has made efforts through the Greater Yellowstone Electric Vehicle Working group to increase the interest in electric vehicles, and the next step is to help install more charging stations.

Publicly available electric vehicle charging stations will allow plug-in hybrid electric and full electric vehicles to move throughout the region. Electric vehicles have zero tailpipe emissions and are very efficient. Electric vehicles align with the conservation ethic of this region by reducing greenhouse gas emissions and air pollutants through vehicle exhaust.

### **Teton Conservation District Program**

- Yellowstone-Teton Clean Cities is able to offer six \$5,000.00 rebates to businesses and municipalities located in Teton Conservation District boundaries.
- Rebates offered at a first come, first served basis.
- Charging stations must be at least Level II (240 V), 30 amps and SAE J1772 compatible. When application is submitted, YTCC staff can determine compatibility based on charging station brand and model number.
- Charging stations must be open to the public. It is up to the hosting entity to determine if they will require a fee for electric vehicle charging. At this early stage in infrastructure development, YTCC recommends not collecting a payment to simplify the use and management of the units. The equipment necessary to allow for credit card use could potentially cost more than the amount that would be collected.
- If you have eligibility questions, please contact YTCC staff prior to purchasing equipment.

### **Environmental Protection Agency Program**

- Yellowstone-Teton Clean Cities is able to offer five \$5,000.00 rebates to businesses and municipalities located in gateway communities to Yellowstone and Grand Teton National Parks.
- Charging stations must be powered by renewable energy. This can be solar, wind, utility purchased, or other. If other, please consult with YTCC staff prior to charging station purchase to ensure eligibility.
- YTCC will provide each host site with an education kiosk displaying the amount of energy used, GHG emissions reduced and petroleum displaced, this kiosk must be displayed next to the charging station.
- All other information same as Teton Conservation District program.
- If you have eligibility questions, please contact YTCC staff.



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## Considerations for installing electric vehicle charging stations

### **1.) Location**

- Consider the type of user and duration of anticipated charging time
- Identify electric service supply location and verify adequate capacity
- Determine what level charging will be provided (must be at least Level II to be eligible for this rebate)
- Contact utility in the planning stages to discuss electricity consumption and potential for demand charges. (Demand charges are unlikely for Level II charging but is definitely worth checking)
- Get installation price quote from contractor
- Obtain necessary permits

#### **TIPS FOR MINIMIZING COSTS**

- Place the charging station unit close to the electrical supply to minimize the need for trenching/boring and potential electrical upgrades.
- Instead of locating the EVSE at a highly visible parking spot far from the electrical panel, use signage to direct PEV drivers to the EVSE unit.
- If trenching is needed, minimize the trenching distance.
- Choose a location that already has space on the electrical panel to avoid upgrades.
- Cluster charging stations to minimize infrastructure and installation work.

### **2.) Unit**

- Determine which type of unit you would like to offer, a fully smartphone app-connected system or simply a unit that allows charging
- Determine if and how a user fee will be collected

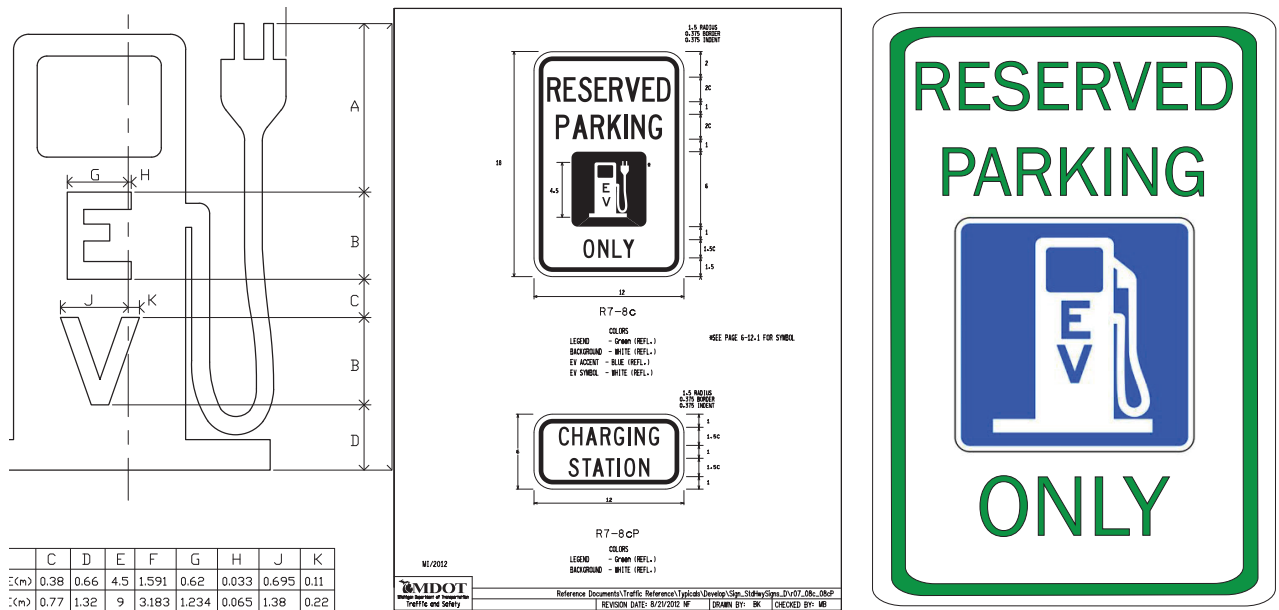
#### **TIPS FOR MINIMIZING COSTS**

- Choose unit with the minimum level of features that you will need.
- Choose a wall-mounted unit, if possible, so that trenching and boring are not needed.
- Choose a dual port unit to minimize cost per charge port.
- Determine the electrical load available at your site and choose the quantity and level of charging station units to fit within that available electrical capacity.

### 3. Signage

- Signs are particularly important for public charging stations
- Signs that clearly indicate electric vehicle parking only
- Use pavement markings to indicate electric vehicle charging parking only

Examples:



### 4. Site configuration

- The layout of the charging station is important for use and accessibility

Examples:

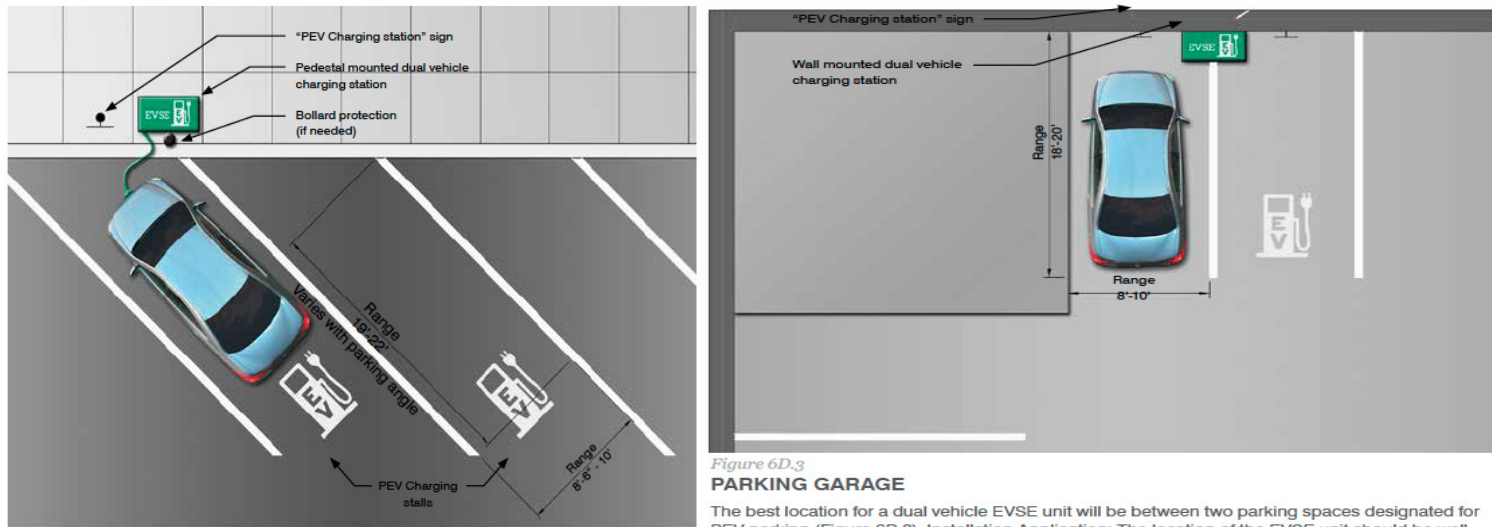


Figure 6D.1  
**ANGLED PARKING**

The best location for a dual vehicle EVSE unit will be between two parking spaces designated for PEV parking (Figure 6D.1). Installation application: The location of the EVSE unit should be a minimum of 24 inches from the face of the curb, otherwise, bollards should be considered to protect the unit from damage. The EVSE unit should not prohibit sidewalk use and should allow a minimum 4 foot walking path at the location of the EVSE unit.

Figure 6D.3  
**PARKING GARAGE**

The best location for a dual vehicle EVSE unit will be between two parking spaces designated for PEV parking (Figure 6D.3). Installation Application: The location of the EVSE unit should be wall mounted.

