From: **Yandow, Jenn** <jenn.yandow@greenmountainpower.com>
Date: Tue, Jun 7, 2022 at 2:25 PM
Subject: EV Chargers for the workplace / public
To: bmacintire@acsdvt.org <bmacintire@acsdvt.org>


Good day


It is always great to have conversations with schools that are preparing for EV's and installing EV chargers!


There are many options of chargers available for towns.  Each one may be unique – so it is not always a cookie cutter solution.  Below are some option for Level 2 and even Level 1 units.  After Level 2 units are installed GMP provides a $750 per port cash back incentive!  We have a simple agreement that we ask to be signed when the start the process that indicates that the GMP incentive helped to make the decision to move forward.


**Option 1**: non-connected charger

- Cost: $500 - $700
- Models
    - Almost any charger on this page will do: https://store.clippercreek.com/commercial
        - I recommend the "ruggedized" version for a parking lot setup: https://store.clippercreek.com/hcs-40-ruggedized?search=ruggedized
- Pros: cheapest hardware cost, good option if you aren't worried about payment for usage
- Cons: not able to collect payment or do any form of remote access control


**Option 2:** AmpUp software partnership (see attached)

- Cost: $500 to $1200 per charger
- Software fee of $17-$23 per month per port …allows many users cost to charge is determined by the association, the fee can be accounted for in that cost.
- Models:
    - EVBox https://evbox.com/en/charging-solutions/residential#shared
    - Other options may be available as they are expanding their platform

- Pros: can do control and payment through a mobile app which can cover software fee
- Cons: more expensive than Option 1, requires Wi-Fi for payment options


**Option 3:**  Standard "networked" public charger:

- Cost: ~$1400 - $7500+/- for dual port (~$4000+/- for a single port)
- Models:
  - JuiceBox …. Reasonably priced with payment collection!
    - Contact:  Anthony Barlotta, 973-907-4731; sales@encoreenergygroup.com
  - Chargepoint CT4000 family: https://www.chargepoint.com/products/commercial/ct4000/
    - Contact: Abe Guillen, 802-578-7254; abe.guillen@chargepoint.com
  - SemaConnect Series6: https://semaconnect.com/products/series6/
    - Contact:  Antonio Giorgi, 410-639-5444; Antonio.giorgi@semaconnect.com
- Pros: provides most functionality of all options, ability to collect payment & do power sharing
- Cons: most expensive

**Option 4:**  Level 1 charging port (more so for staff that are there for a few hours)
- Cost: ~$300 - $700
- Models:
  - Orange Outlet, https://www.orangecharger.com/
  - PlugZio, https://www.plugzio.com/
- Pros:  can collect payment for usage of a 120 V outlet through a mobile app
- Cons:  lower level of delivery (4-5 miles of recharge an hour)  NOT eligible for the $750 GMP incentive.
- Thoughts:  This may be a solution for on-site EV owners that are there for more than just a few hours.  Providing them with enough recharge to feel comfortable on their return drive home.
- Note:  We are just learning of this unit recently and do not yet have experience with it.

Additionally, we always welcome the opportunity to provide informational meetings!  We look forward to working with you to help provide information and incentives where we can