

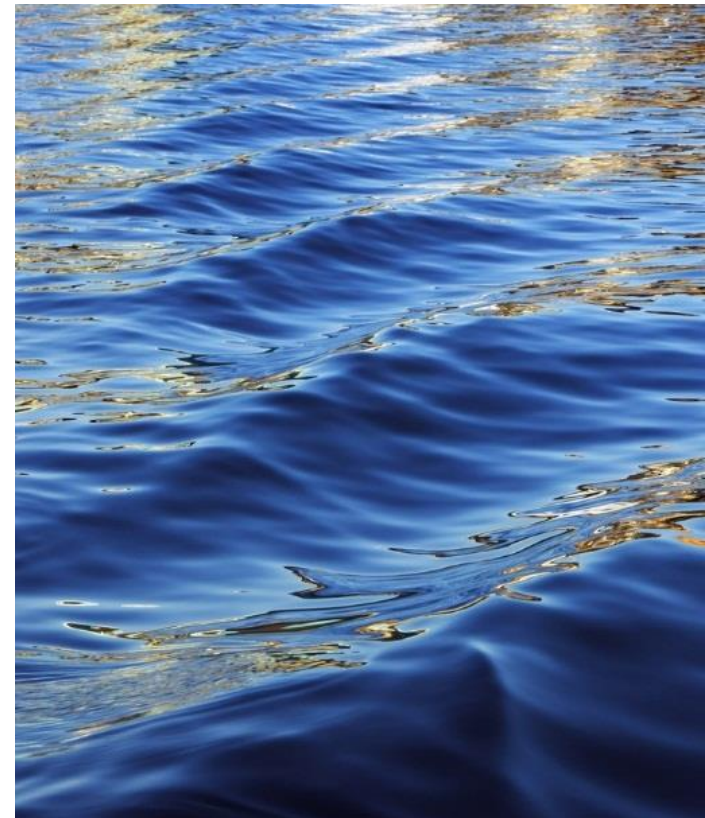


Pittsburgh PARKING Authority

The Value Parking Network

PPAP Initiatives for Electric Vehicle Infrastructure

November 18, 2020



History and Vision of EV Installations

- 2014 PRCC Odyssey Event
- Alternative Fuels Incentive Grant (AFIG) and Driving PA Forward
- PPAP bringing environmentally friendly economic benefits to the City of Pittsburgh



PPA Installation 1 – First Avenue Garage, 3rd Floor

15 Spaces Total, 10 Networked

- 1 Eaton Level II Single Charger – Donated by Everpower Wind Holdings – Installed 2015
- 1 Schneider Electric Single Charger – Installed 2016 (Purchased through Alternative Fuel Incentive Grant (AFIG) – 60% PPA/40% PA DEP Cost
- 3 Bosch Level II Single Charger – Replacements Installed 2018 and 2019 for failed Schneider dual charger and single Eaton charger.
- 5 Schneider Electric Dual Chargers – Installed 2016 (Purchased through Alternative Fuel Incentive Grant (AFIG) – (60% PPA/40% PA DEP Cost)



PPA Installation 2 – Grant Street Transportation Center, 2nd Floor - Red Garage

4 Spaces Total, 0 Networked

- 2 Eaton Level II Dual Chargers – Installed 2015 (Purchased through Alternative Fuel Incentive Grant (AFIG) – (60% PPA/40% PA DEP Cost)



PPA Installation 3 – Second Avenue Plaza Lot

10 Spaces Total (City Owned and Operated)

- ChargePoint Level II Dual Chargers – Equipment donated by Duquesne Light as per Easement Agreement. PPA used Driving PA Forward grant used for electrical, signage, floor marking and network plan.



PPA Installation 4 – Third Avenue Garage

8 Spaces Total, 8 Networked

4 ChargePoint Level II Dual Chargers – Equipment donated by Duquesne Light as per Easement Agreement. PPA used Driving PA Forward grant used for electrical, signage, floor marking and network plan.



PPA Installation 5 – Smithfield Liberty Garage

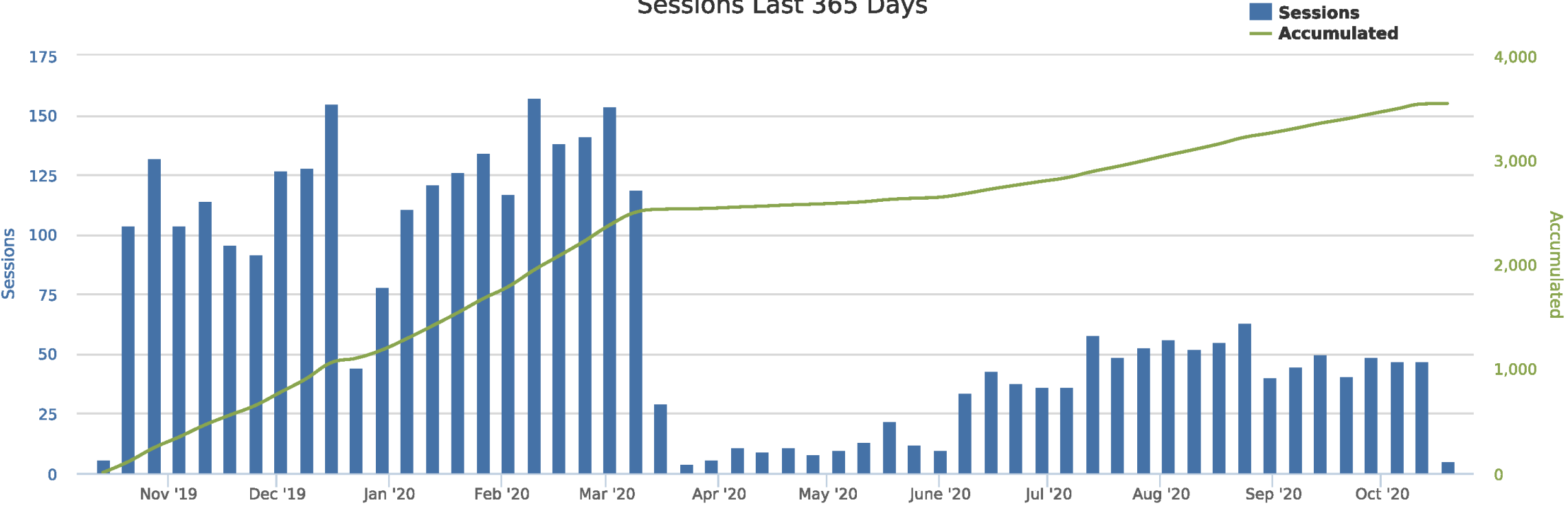
8 Spaces Total, 8 Networked

- 4 Chargepoint Level II Dual Chargers – Equipment donated by Duquesne Light as per Easement Agreement. PPA used Driving PA Forward grant used for electrical, signage, floor marking and network plan.

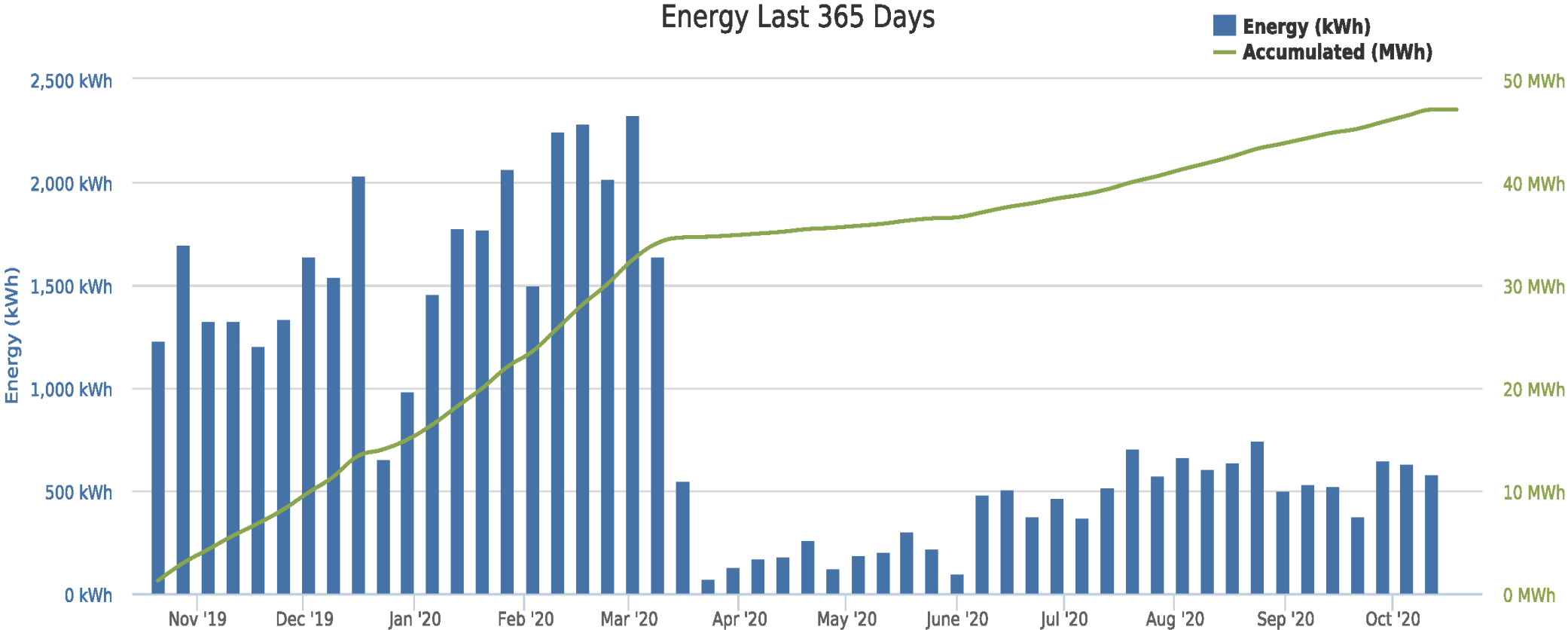


Usage/Data Reports

Sessions Last 365 Days



Usage/Data Reports



Summary and Future Initiatives

- November 2020, the PPA has 45 EV spaces across 4 garages and the Second Avenue Plaza Lot. Twenty-six (26) of these chargers are networked and available for public access.
- The Public Parking Authority is continuing its partnership discussions with **Duquesne Light** for future EV installations. Discussions currently involve adding additional EV spaces at the Authority's Ft. Duquesne & 6th St. Garage.
- The Authority is also in discussions with the City of Pittsburgh to expand the number of EV chargers at the Second Avenue Parking plaza to enable the City to further electrify their Permits Licenses and Inspections (PLI) and Dept. of Public Works (DPW) fleets. Current discussions include adding approximately sixteen (16) dual EV chargers in the Second Avenue Plaza lot.

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