

REQUEST FOR INFORMATION

ELECTRIC VEHICLE CHARGING STATION GRANTS

VW MITIGATION PROGRAM

JANUARY 2020



VW STATE TRUST AGREEMENT (SETTLEMENT GUIDELINES)

Electric vehicle charging station grants are authorized under Eligible Mitigation Action #9.

“Light Duty Zero Emission Vehicle Supply Equipment. Each Beneficiary may use up to fifteen percent (15%) of its allocation of Trust Funds on the costs necessary for, and directly connected to, the acquisition, installation, operation and maintenance of new light duty zero emission vehicle supply equipment for projects as specified below. Provided, however, that Trust Funds shall not be made available or used to purchase or rent real estate, other capital costs (e.g., construction of buildings, parking facilities, etc.) or general maintenance (i.e., maintenance other than of the Supply Equipment).”



LIGHT DUTY ZERO EMISSION VEHICLE SUPPLY EQUIPMENT (EMA #9)

- Electric vehicle charging stations (EVCS)
- Level 1, level 2 and level 3 (DC Fast) are eligible for funding
- Must be *“located in a public place, workplace, or multi-unit dwelling.”*
- May not be *“located at a private residential dwelling that is not a multi-unit dwelling).”*



TRUST FUND PROJECT SHARE

Site Location or Type	Available to the public	Not available to the public
Private residential dwelling other than multi-unit dwelling	0%	0%
Workplace	80%	60%
Multi-unit dwelling	80%	60%
Government owned property	100%	60%*
Non-government owned property	80%	60%*

**Assumes the property is a workplace or multi-unit dwelling*



EV CHARGING PLUG TYPES

AC Level 1 Charging

2 to 5 miles of range per
1 hour of charging



J1772 charge port

AC Level 2 Charging

10 to 20 miles of range per
1 hour of charging



J1772 charge port

DC Fast Charging

60 to 80 miles of range per
20 minutes of charging



J1772
combo



CHAdeMO



Tesla
combo

Source: U.S. DOE Alternative Fuels Data Center



Level 2 *(light-duty)*

- Fleets/personal/multifamily
- 3kW+
- Typically 1 plug
- “networked” / “non-networked”



Level 2 *(medium/heavy-duty)*

- Fleets/Commercial
- ~7.2kW+
- 1-2 plugs
- Typically “networked”
- NFC, RFID payment



Level 3 (aka DCFC)

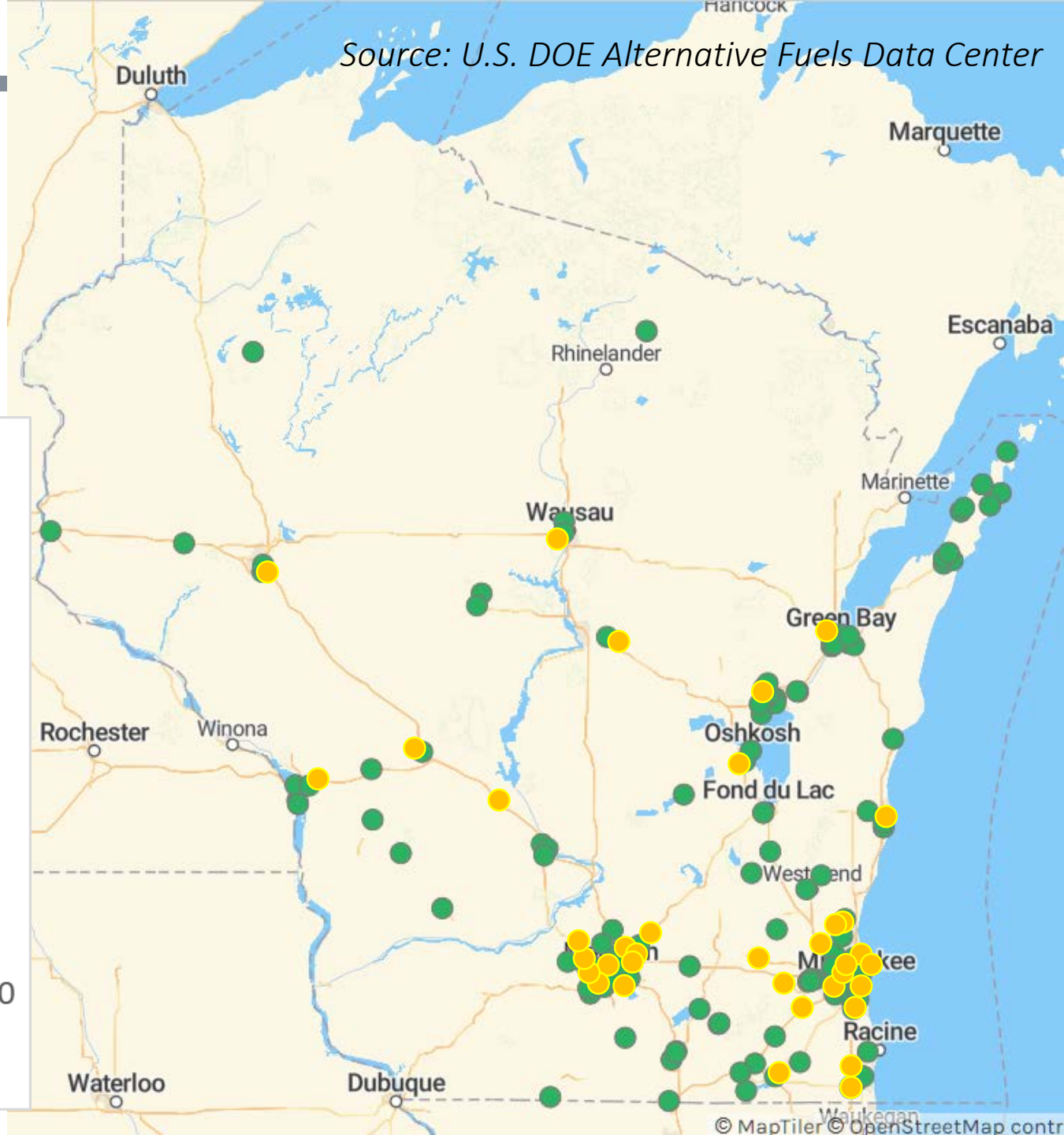
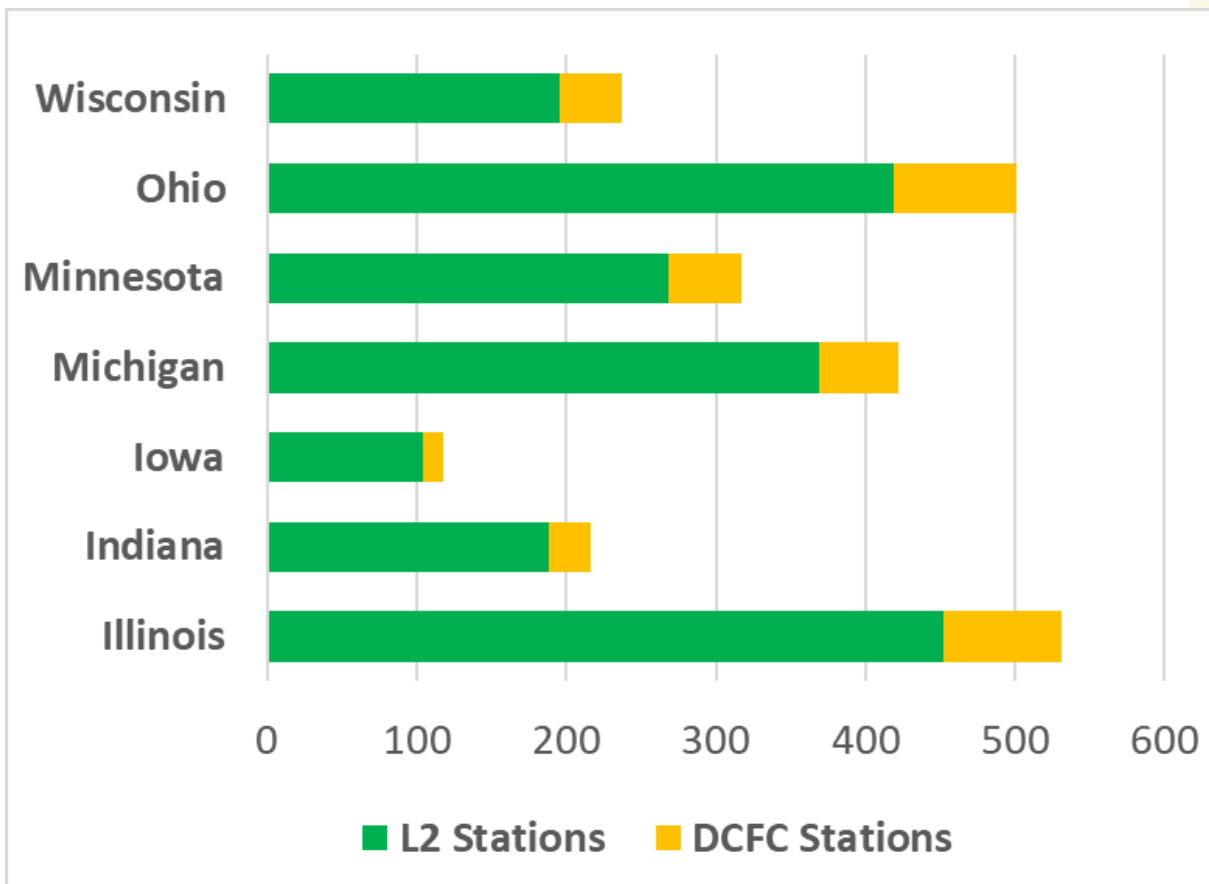
- 50kW+
 - 1-2 plugs
- (often CCS/SAE, CHAdeMO)
- Typically “networked”
 - NFC, CC, RFID payment



Public EV Charging Stations (including Tesla)

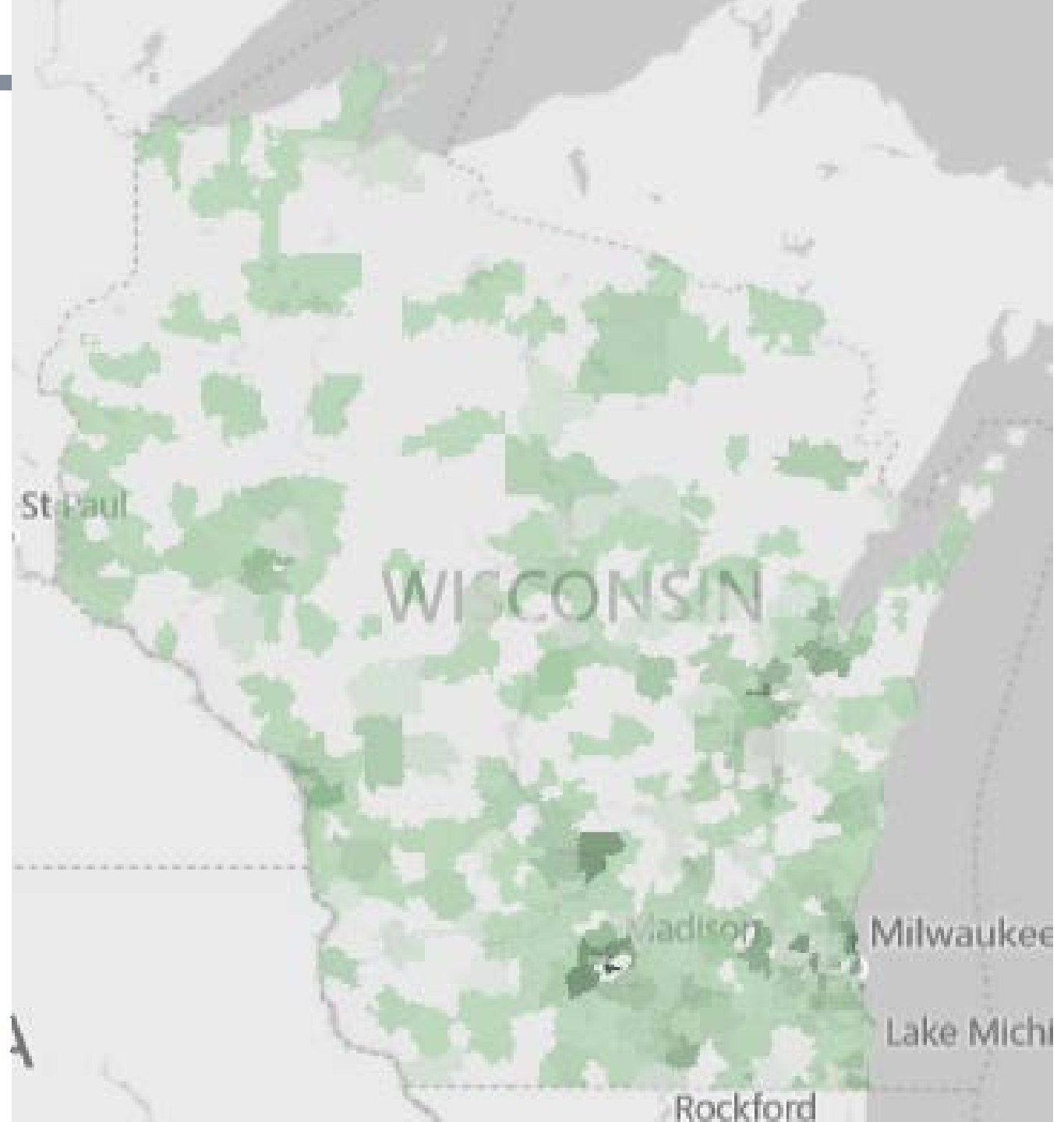
Level 2 195 stations = 390 plugs

DCFC 42 stations = 130 plugs

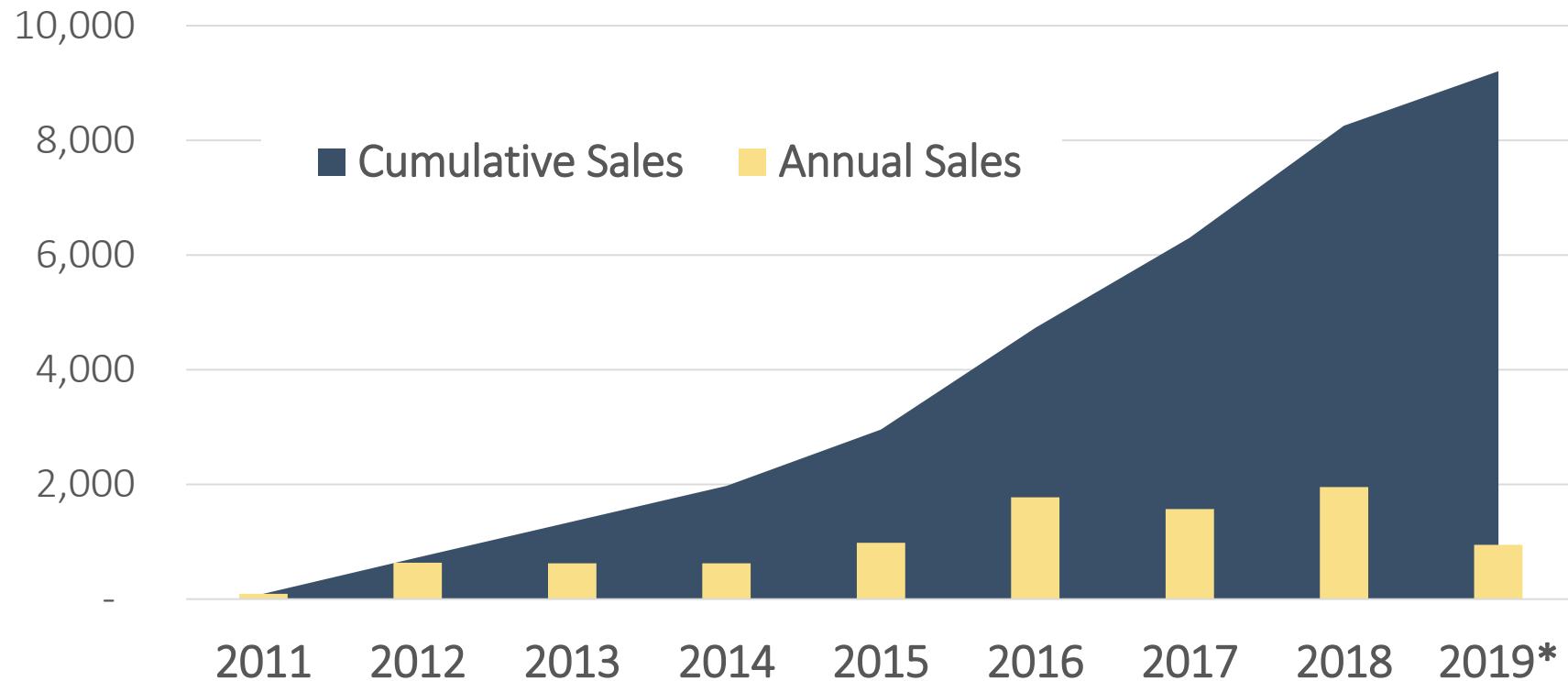


EV Registrations by Zip code

- December 2018
- 4,785 total registrations



EV SALES IN WISCONSIN



Source: Auto Alliance and Atlas EV Hub



*through 2 quarters