

**DOCKETED**

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# **EVSE Reporting**

June 10, 2020

# CARB Programs with EVSE Reporting

- Low Carbon Fuel Standard (LCFS)
- Electric Vehicle Supply Equipment (EVSE) Standards

# LCFS Background

- The LCFS is market based GHG reduction program for transportation fuels in California
- The program sets annual carbon intensity (CI) standards, or benchmarks, which reduce over time
  - Gasoline and diesel generate deficits; low-carbon fuels generate credits
- Electricity is an opt-in fuel. Entities, or their third party designees, elect to voluntarily enter the program and report
  - In 2019, electricity accounted for 14% of all credits generated

# Electricity Reported in the LCFS

- Fuel Pathway-based crediting
  - For electricity, the California Grid Average CI is calculated annually and is the default value used for calculating credits
  - A CI value lower than the grid average may be obtained through installation of on-site renewable electricity supplied to the charging equipment, or indirectly through participation in a Green Tariff program or through retirement of Renewable Energy Certificates (REC)
- Capacity-based crediting for DC Fast Chargers
  - Credits are determined on the basis of the “reasonable” capacity of the charger to provide fuel when well-utilized, less the quantity of fuel that is dispensed and credited through fuel pathways

# EVSE Data Reported to LCFS

- For non-residential EV charging, reporting entities register the piece of charging equipment capable of measuring electricity dispensed for fueling
- Required information for registering non-residential EV charging –
  - Geographic Coordinates
  - Charging type (e.g. Level 2, CSS, CSS & CHAdeMO, etc.)
  - EVSE Serial #
  - EVSE manufacturer
- Electricity dispensed for fueling is reported quarterly per each unique piece of charging equipment.

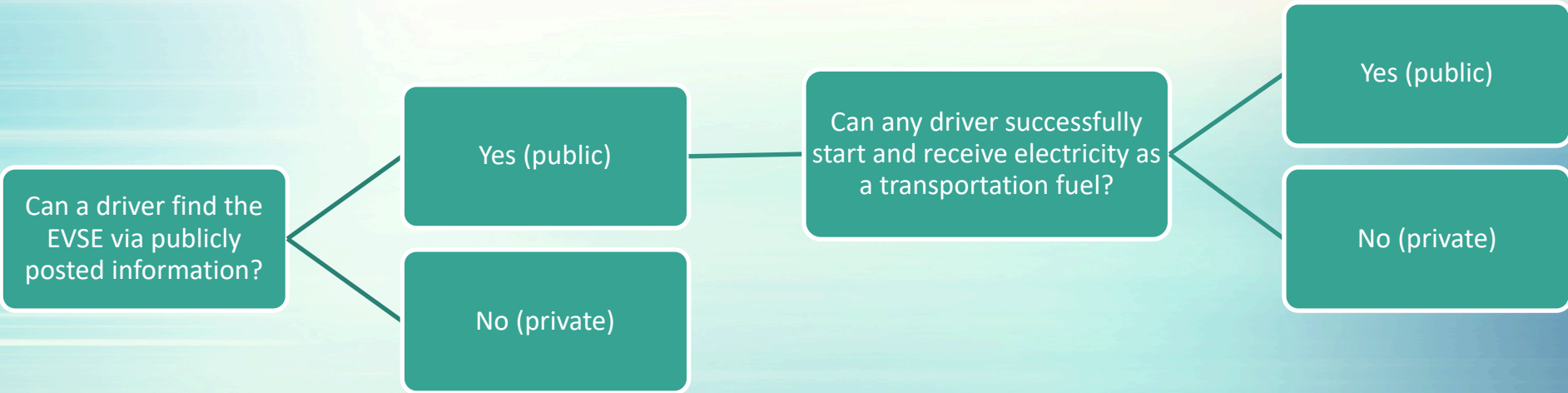
# EVSE Standards: Reporting Entities

- All EVSPs who operate public EVSE
  - EVSP can be a city or an entity other than a network operator
  - EVSPs may designate a reporting entity
- All public EVSE are reported to CARB
  - Networked
  - Non-networked
  - Fee for use
  - Non-fee for use



# EVSE Standards: Private?

# Public or





# EVSE Standards: Reporting

- EVSP Contact Information
- EVSE Model Details
- Location Specific Details
- Baseline Inventory
- Annual EVSE Inventory
- Annual EVSE payment information

# EVSE Standards: Reporting Timeline

- Initial reporting due August 14, 2020
  - EVSP contact information
  - EVSE model information
  - EVSE baseline inventory report
- Annual reporting begins March 1, 2022
  - New EVSE installations
  - Retired, decommissioned or removed EVSE
  - EVSE payment report

# Contact Information

Stephanie Palmer

Air Resources Engineer

(916) 322-7620

[stephanie.palmer@arb.ca.gov](mailto:stephanie.palmer@arb.ca.gov)

EVSE Standards

(916) 322-7620

[EVSE@arb.ca.gov](mailto:EVSE@arb.ca.gov)

Elise Keddie, PhD

Manager, ZEV Implementation  
Section

(916) 323-8974

[elise.keddie@arb.ca.gov](mailto:elise.keddie@arb.ca.gov)

Jason Englander

Staff Air Pollution Specialist

LCFS Reporting

(916) 445-7599

[jason.englander@arb.ca.gov](mailto:jason.englander@arb.ca.gov)