

REFERENCE TITLE: electric vehicle charging stations

State of Arizona
Senate
Fifty-sixth Legislature
Second Regular Session
2024

SB 1637

Introduced by
Senators Carroll: Bolick; Representatives Aguilar, Hendrix, Hernandez A,
Hernandez C, Hernandez L, Livingston, Shah

AN ACT

AMENDING TITLE 40, CHAPTER 2, ARTICLE 1, ARIZONA REVISED STATUTES, BY
ADDING SECTION 40-207; RELATING TO ELECTRIC VEHICLE CHARGING STATIONS.

(TEXT OF BILL BEGINS ON NEXT PAGE)

1 Be it enacted by the Legislature of the State of Arizona:

2 Section 1. Title 40, chapter 2, article 1, Arizona Revised
3 Statutes, is amended by adding section 40-207, to read:

4 40-207. Electric vehicle charging stations; ownership,
5 operation and maintenance; applicability;
6 definitions

7 A. AN ELECTRICITY SUPPLIER MAY NOT OWN OR OPERATE ELECTRIC VEHICLE
8 CHARGING STATIONS BUT MAY OWN AND OPERATE MAKE-READY INFRASTRUCTURE THAT
9 IS NECESSARY FOR ELECTRIC VEHICLE CHARGING STATION OPERATION.

10 B. AN AFFILIATE OF AN ELECTRICITY SUPPLIER MAY PROVIDE, OWN,
11 OPERATE OR MAINTAIN ELECTRIC VEHICLE CHARGING STATIONS.

12 C. THIS SECTION DOES NOT APPLY TO AN ELECTRIC VEHICLE CHARGING
13 STATION THAT AN ELECTRICITY SUPPLIER CONSTRUCTED, PROVIDED, OWNED,
14 OPERATED OR MAINTAINED BEFORE THE EFFECTIVE DATE OF THIS SECTION.

15 D. FOR THE PURPOSES OF THIS SECTION:

16 1. "DIRECT CURRENT FAST CHARGING STATION" MEANS A CHARGING SYSTEM
17 THAT IS CAPABLE OF DELIVERING AT LEAST FIFTY KILOWATTS OF DIRECT CURRENT
18 ELECTRICAL POWER TO AN ELECTRIC VEHICLE'S RECHARGEABLE BATTERY AT A
19 VOLTAGE OF TWO HUNDRED VOLTS OR GREATER.

20 2. "ELECTRICITY SUPPLIER" MEANS ANY OF THE FOLLOWING:

21 (a) AN ELECTRIC LIGHT AND POWER COMPANY THAT PROVIDES ELECTRIC
22 SERVICE TO THE PUBLIC AND WHOSE CHARGES, RATES, TOLLS, RENTAL FEES AND
23 SERVICE RULES ARE SUBJECT TO REGULATION BY THE COMMISSION.

24 (b) AN ELECTRIC LIGHT AND WATER COMPANY THAT PROVIDES ELECTRIC
25 SERVICE TO THE PUBLIC, WHOSE SERVICE AREA INCLUDES PART OF A COUNTY WITH A
26 POPULATION OF MORE THAN FOUR MILLION PERSONS AND WHOSE CHARGES, RATES,
27 TOLLS, RENTAL FEES AND SERVICE RULES ARE NOT SUBJECT TO REGULATION BY THE
28 COMMISSION.

29 (c) A PUBLIC POWER ENTITY AS DEFINED IN SECTION 30-801.

30 3. "ELECTRIC VEHICLE" MEANS A MOTOR VEHICLE THAT IS PROPELLED BY
31 ONE OR MORE ELECTRIC MOTORS USING ENERGY THAT IS STORED IN THE FORM OF A
32 RECHARGEABLE BATTERY.

33 4. "ELECTRIC VEHICLE CHARGING STATION" MEANS ANY NONRESIDENTIAL
34 LEVEL TWO CHARGING STATION OR DIRECT CURRENT FAST CHARGING STATION THAT IS
35 AVAILABLE TO THE PUBLIC TO PROVIDE ELECTRICAL ENERGY TO CHARGE BATTERIES
36 OF ELECTRIC VEHICLES AND THAT IS SEPARATE AND DISTINCT FROM A MAKE-READY
37 INFRASTRUCTURE.

38 5. "LEVEL TWO CHARGING STATION" MEANS A CHARGING SYSTEM THAT IS
39 CAPABLE OF DELIVERING AT LEAST THREE AND NOT MORE THAN FIFTY KILOWATTS OF
40 ALTERNATING CURRENT ELECTRICAL POWER TO AN ELECTRIC VEHICLE'S RECHARGEABLE
41 BATTERY AT A VOLTAGE OF TWO HUNDRED VOLTS OR GREATER.

1 6. "MAKE-READY INFRASTRUCTURE":

2 (a) MEANS THE ELECTRICAL INFRASTRUCTURE THAT IS REQUIRED TO SERVICE
3 AN ELECTRIC VEHICLE CHARGING STATION'S ELECTRICAL LOAD ON THE ELECTRICITY
4 SUPPLIER'S OR CUSTOMER'S SIDE OF THE ELECTRIC METER.

5 (b) DOES NOT INCLUDE AN ELECTRIC VEHICLE CHARGING STATION.

6 Sec. 2. Legislative findings

7 The legislature finds that establishing a framework to encourage
8 private sector investment in the deployment of electric vehicle charging
9 stations, as defined in section 40-207, Arizona Revised Statutes, as added
10 by this act, is an important issue and that the framework is essential to
11 foster the rapid installation and widespread use of electric vehicle
12 charging stations, as defined in section 40-207, Arizona Revised Statutes,
13 as added by this act, on real property whose owners or tenants want to
14 make the investment. To establish the framework, it is necessary to:

15 1. Implement competitively neutral policies to encourage private
16 sector investment in the deployment of electric vehicle charging stations,
17 as defined in section 40-207, Arizona Revised Statutes, as added by this
18 act.

19 2. Develop and implement strategies to ensure competitive and
20 predictable pricing for the operation of electric vehicle charging
21 stations, as defined in section 40-207, Arizona Revised Statutes, as added
22 by this act, while ensuring transparency in pricing and complying with the
23 infrastructure investment and jobs act (P.L. 117-58; 135 Stat. 429; 16
24 United States Code sections 2621 and 2622).

25 3. Encourage private investment, ownership and operation of
26 publicly available electric vehicle charging stations, as defined in
27 section 40-207, Arizona Revised Statutes, as added by this act, including
28 equipment that allows for fast charging.

29 4. Stimulate innovation, competition and private investment in the
30 electric vehicle charging market.

31 5. Develop mechanisms to provide incentives for and support of the
32 short-term and long-term efficient and cost-effective use of the power
33 grid in a manner that supports the operation of electric vehicle charging
34 stations, as defined in section 40-207, Arizona Revised Statutes, as added
35 by this act.