

By the Committee on Infrastructure and Security

596-02011-20

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1 A bill to be entitled
2 An act relating to electric vehicle charging station
3 infrastructure; creating s. 366.945, F.S.; providing
4 legislative findings; requiring the Public Service
5 Commission, in consultation with the Department of
6 Transportation and the Office of Energy within the
7 Department of Agriculture and Consumer Services, to
8 develop and recommend, by a specified date, to the
9 Governor, the President of the Senate, and the Speaker
10 of the House of Representatives a plan for the
11 development of electric vehicle charging station
12 infrastructure along the State Highway System;
13 authorizing the commission to consult with other
14 agencies as the commission deems appropriate;
15 requiring the plan to include recommendations for
16 legislation; authorizing the plan to include other
17 recommendations as determined by the commission;
18 providing the goals and objectives of the plan;
19 requiring the commission to file a status report with
20 the Governor and the Legislature by a specified date
21 containing any preliminary recommendations, including
22 recommendations for legislation; providing an
23 effective date.

24
25 Be It Enacted by the Legislature of the State of Florida:

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27 Section 1. Section 366.945, Florida Statutes, is created to
28 read:

29 366.945 Electric vehicle charging stations; infrastructure

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30 plan development.—

31 (1) The Legislature finds that:

32 (a) Climate change may have significant impacts to this
33 state which will require the development of avoidance,
34 adaptation, and mitigation strategies to address these potential
35 impacts on future state projects, plans, and programs;

36 (b) A significant portion of the carbon dioxide emissions
37 in this state are produced by the transportation sector;

38 (c) Electric vehicles can help reduce these emissions,
39 thereby helping to reduce the impact of climate change on this
40 state;

41 (d) The use of electric vehicles for non-local driving
42 requires adequate, reliable charging stations to address
43 electric vehicle battery range limitations;

44 (e) Having adequate, reliable charging stations along the
45 State Highway System will also help with evacuations during
46 hurricanes or other disasters;

47 (f) Ensuring the prompt installation of adequate, reliable
48 charging stations is in the public interest; and

49 (g) A recommended plan for electric vehicle charging
50 station infrastructure should be established to address changes
51 in the emerging electric vehicle market and necessary charging
52 infrastructure.

53 (2) (a) The commission, in coordination with the Department
54 of Transportation and the Office of Energy within the Department
55 of Agriculture and Consumer Services, shall develop and
56 recommend a plan for current and future plans for the
57 development of electric vehicle charging station infrastructure
58 along the State Highway System, as defined in s. 334.03(24). The

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59 commission may consult with other agencies as the commission
60 deems appropriate. The recommended plan must be developed and
61 submitted to the Governor, the President of the Senate, and the
62 Speaker of the House of Representatives by July 1, 2021. The
63 plan must include recommendations for legislation and may
64 include other recommendations as determined by the commission.

65 (b) The goals and objectives of the plan include, but are
66 not limited to, all of the following:

67 1. Projecting the increase in the use of electric vehicles
68 in this state over the next 20 years and determining how to
69 ensure an adequate supply of reliable electric vehicle charging
70 stations to support and encourage this growth in a manner
71 supporting a competitive market with ample consumer choice.

72 2. Evaluating and comparing the types of electric vehicle
73 charging stations available at present and that may become
74 available in the future, including the technology and
75 infrastructure incorporated in such stations, along with the
76 circumstances within which each type of station and
77 infrastructure is typically used, including fleet charging, for
78 the purpose of identifying any advantages to developing
79 particular types or uses of these stations.

80 3. Considering strategies to develop this supply of
81 charging stations, including, but not limited to, methods of
82 building partnerships with local governments, other state and
83 federal entities, electric utilities, the business community,
84 and the public in support of electric vehicle charging stations.

85 4. Identifying the types or characteristics of possible
86 locations for electric vehicle charging station infrastructure
87 along the State Highway System to support a supply of electric

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88 vehicle charging stations that will:

89 a. Accomplish the goals and objectives of this section;

90 b. Support both short-range and long-range electric vehicle
91 travel;

92 c. Encourage the expansion of electric vehicle use in this
93 state; and

94 d. Adequately serve evacuation routes in this state.

95 5. Identifying any barriers to the use of electric vehicles
96 and electric vehicle charging station infrastructure both for
97 short-range and long-range electric vehicle travel along the
98 State Highway System.

99 6. Identifying an implementation strategy for expanding
100 electric vehicle and charging station infrastructure use in this
101 state.

102 7. Identifying the type of regulatory structure necessary
103 for the delivery of electricity to electric vehicles and
104 charging station infrastructure, including competitive neutral
105 policies and the participation of public utilities in the
106 marketplace.

107 8. Reviewing emerging technologies in the electric and
108 alternative vehicle market, including alternative fuel sources.

109 (c) By December 1, 2020, the commission shall file a status
110 report with the Governor, the President of the Senate, and the
111 Speaker of the House of Representatives containing any
112 preliminary recommendations, including recommendations for
113 legislation.

114 Section 2. This act shall take effect July 1, 2020.