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## CHARGING INFRASTRUCTURE FOR ELECTRIC VEHICLES

Support for HB 177

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This is a timely bill, supported by the League of Women Voters of Delaware. First of all, we recognize that the transportation sector is the largest single contributor of carbon dioxide emissions in the State.<sup>1</sup> It is clear then that anything we can do to reduce CO<sub>2</sub> emissions generated by cars and trucks will be helpful. A car powered by electricity will emit only two-thirds the amount of carbon dioxide as will a car powered by gasoline, even if the electricity is generated by fossil fuels. The energy saving is even greater, of course, if the electricity is generated by renewable sources.<sup>2</sup>

By passing and implementing this bill, the State will make a strong statement in support of alternatives to fossil fuels for car and truck travel. By passing on the cost of recharging stations on state property to the consumer, the effort will be revenue neutral.

The League has studied fuel options for motor vehicles, and concludes that a reduction in carbon dioxide emissions from these vehicles will be helpful in attaining an environmentally sound future, in addition to providing healthier air. We urge this committee to vote HB 177 out of committee and on to the next leg of its legislative journey.

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<sup>1</sup> U.S. Energy Information Administration, 2016. <https://www.eia.gov/state/?sid=DE>

<sup>2</sup> "How Green Are Electric Cars?" By Sean Clarke, *The Guardian* December, 2017  
<https://www.theguardian.com/football/ng-interactive/2017/dec/25/how-green-are-electric-cars>