Nearly 330,000 electric vehicles were sold in 2019
To achieve an economy powered by 100% renewable energy, adopting electric vehicles (powered by a renewable electric grid) is essential. More than 300,000 plug-in vehicles were sold in 2019, up from virtually none just a decade earlier.1 Over 1 million battery powered and plug-in hybrid EVs have been sold cumulatively across the U.S., with over 50 models currently on the market.

Electric buses take off
Electric buses are on the verge of a boom. By the end of 2019 there were over 650 electric buses in the U.S., twice as many as there had been in 2018. Recent electric bus commitments in California, New York City and Seattle, among other places, will result in at least one third of the country’s transit buses being electric by 2045.

More charging stations are being installed across the U.S.

With more electric vehicles on the road, Americans will need more places to recharge them. The number of charging stations nationwide is increasing. As of August 2020, there were more than 26,000 charging stations across the country.

<table>
<thead>
<tr>
<th>Rank</th>
<th>State</th>
<th>Number of charging stations</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>California</td>
<td>6,564</td>
</tr>
<tr>
<td>2</td>
<td>New York</td>
<td>1,756</td>
</tr>
<tr>
<td>3</td>
<td>Florida</td>
<td>1,451</td>
</tr>
<tr>
<td>4</td>
<td>Texas</td>
<td>1,350</td>
</tr>
<tr>
<td>5</td>
<td>Washington</td>
<td>1,058</td>
</tr>
</tbody>
</table>

Strong public policies can encourage electric vehicles

Local, state and federal policymakers can encourage the adoption of electric vehicles by:

• Implementing tax incentive programs for EVs.
• Encouraging widespread deployment of electric vehicle charging stations.
• Committing to a full transition to electric buses on a specific timeline, and providing grant programs and subsidies for agencies to buy electric buses.
• In addition, states should follow the lead of California and the other 10 states that require a percentage of each automaker’s sales to be zero-emission vehicles.

Top states for electric vehicle sales

- California, New York and Washington lead the way in sales of electric vehicles nationwide.
- Five of the top 10 states for EV sales require that a certain percentage of each automaker’s sales be zero-emission vehicles.

Explore the growth of clean energy online

Our report *Renewables on the Rise 2020* documents the rapid growth of clean energy technologies from solar power to electric vehicles. For interactive charts and data showing the rise of renewable energy in your state and around the country, visit https://environmentamerica.org/feature/ame/renewables-rise-2020.

Find more information and the full report online:
www.environmentamericacenter.org

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