# Model Year 2020
## Alternative Fuel and Advanced Technology Vehicles

## Battery Electric Vehicles (BEV)

<table>
<thead>
<tr>
<th>Fuel/Powertrain Type</th>
<th>Make</th>
<th>Model</th>
<th>Vehicle Type</th>
<th>Propulsion; Battery</th>
<th>Fuel Economy, City/Combined/Highway (miles per gallon of gasoline equivalent, MPGe)</th>
<th>All-Electric Range (mi)</th>
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<tbody>
<tr>
<td>BEV</td>
<td>Audi</td>
<td>e-tron</td>
<td>SUV</td>
<td>141 kW and 172 kW electric motors; 240 Ah battery</td>
<td>78/78/78</td>
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<td>BEV</td>
<td>Audi</td>
<td>e-tron Sportback</td>
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<td>141 kW and 172 kW electric motors; 240 Ah battery</td>
<td>76/77/78</td>
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<td>BEV</td>
<td>BMW</td>
<td>i3</td>
<td>Sedan/Wagon</td>
<td>125 kW electric motor; 120 Ah battery</td>
<td>124/113/102</td>
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<tr>
<td>BEV</td>
<td>BMW</td>
<td>i3s</td>
<td>Sedan/Wagon</td>
<td>135 kW electric motor; 120 Ah battery</td>
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<td>BEV</td>
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<td>e6</td>
<td>Sedan/Wagon</td>
<td>75 kW electric motor; 270 Ah battery</td>
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<td>Bolt EV</td>
<td>Sedan/Wagon</td>
<td>150 kW electric motor; 188 Ah battery</td>
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<td>BEV</td>
<td>Hyundai</td>
<td>Ioniq Electric</td>
<td>Sedan/Wagon</td>
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<td>I-PACE</td>
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<td>Mini</td>
<td>Cooper SE Hardtop 2 door</td>
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<td>Leaf (40 kWh battery pack)</td>
<td>Sedan/Wagon</td>
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<td>Nissan</td>
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<td>BEV</td>
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<td>Leaf SV/SL (62 kWh battery pack)</td>
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<td>Fuel/Powertrain Type</td>
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<td>Model</td>
<td>Vehicle Type</td>
<td>Propulsion; Battery</td>
<td>Fuel Economy, City/Combined/Highway (miles per gallon of gasoline equivalent, MPGe)</td>
<td>All-Electric Range (mi)</td>
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<td>BEV</td>
<td>Porsche</td>
<td>Taycan Turbo</td>
<td>Sedan/Wagon</td>
<td>170 kW electric motor; 129 Ah battery</td>
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<tr>
<td>BEV</td>
<td>Porsche</td>
<td>Taycan Turbo S</td>
<td>Sedan/Wagon</td>
<td>170 kW electric motor; 129 Ah battery</td>
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<td>BEV</td>
<td>Tesla</td>
<td>Model 3 Long Range</td>
<td>Sedan/Wagon</td>
<td>211 kW electric motor; 230 Ah battery</td>
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<td>BEV</td>
<td>Tesla</td>
<td>Model 3 Long Range AWD</td>
<td>Sedan/Wagon</td>
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<tr>
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<td>Model 3 Mid Range</td>
<td>Sedan/Wagon</td>
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<td>BEV</td>
<td>Tesla</td>
<td>Model 3 Standard Range</td>
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<td>Model 3 Standard Range Plus</td>
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<td>Model S Long Range</td>
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<td>BEV</td>
<td>Tesla</td>
<td>Model S Performance (19&quot; Wheels)**</td>
<td>Sedan/Wagon</td>
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<td>BEV</td>
<td>Tesla</td>
<td>Model S Standard Range</td>
<td>Sedan/Wagon</td>
<td>193 kW and 205 kW electric motor; 245 Ah battery</td>
<td>113/109/105</td>
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<tr>
<td>BEV</td>
<td>Tesla</td>
<td>Model X Long Range</td>
<td>SUV</td>
<td>193 and 205 kW electric motors; 250 Ah battery</td>
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<tr>
<td>BEV</td>
<td>Tesla</td>
<td>Model X Performance (20&quot; Wheels)***</td>
<td>SUV</td>
<td>205 and 375 kW electric motors; 250 Ah battery</td>
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<tr>
<td>BEV</td>
<td>Tesla</td>
<td>Model X Standard Range</td>
<td>SUV</td>
<td>193 and 205 kW electric motors; 250 Ah battery</td>
<td>105/101/98</td>
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<tr>
<td>BEV</td>
<td>Volkswagen</td>
<td>e-Golf</td>
<td>Sedan/Wagon</td>
<td>100 kW electric motor; 111 Ah battery</td>
<td>122/113/104</td>
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</tr>
</tbody>
</table>

*This model is also available with 19" or 20" wheels, at reduced fuel economy and range.

**This model is also available with 21" wheels, at reduced fuel economy and 326 miles range.

***This model is also available with 22" wheels, at reduced fuel economy and 272 miles range.
## Biodiesel (B20) Vehicles

<table>
<thead>
<tr>
<th>Fuel/Powertrain Type</th>
<th>Make</th>
<th>Model</th>
<th>Vehicle Type</th>
<th>Engine Size/Cylinders</th>
<th>Fuel Economy, Diesel, City/Combined/Highway (MPG)</th>
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<tbody>
<tr>
<td>B20</td>
<td>Chevrolet</td>
<td>Colorado 2WD</td>
<td>Pickup</td>
<td>2.8L I4</td>
<td>22/23/30</td>
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<td>B20</td>
<td>Chevrolet</td>
<td>Colorado 4WD</td>
<td>Pickup</td>
<td>2.8L I4</td>
<td>19/22/28</td>
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<td>Chevrolet</td>
<td>Colorado ZR2 4WD</td>
<td>Pickup</td>
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<td>Chevrolet</td>
<td>Silverado 2WD</td>
<td>Pickup</td>
<td>3.0L V6</td>
<td>23/27/33</td>
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<td>B20</td>
<td>Chevrolet</td>
<td>Silverado 4WD</td>
<td>Pickup</td>
<td>3.0L V6</td>
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<td>B20</td>
<td>GMC</td>
<td>Canyon 2WD</td>
<td>Pickup</td>
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<td>20/23/30</td>
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<tr>
<td>B20</td>
<td>GMC</td>
<td>Canyon 4WD</td>
<td>Pickup</td>
<td>2.8L I4</td>
<td>19/22/28</td>
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<tr>
<td>B20</td>
<td>GMC</td>
<td>Sierra 2WD</td>
<td>Pickup</td>
<td>3.0L V6</td>
<td>23/26/30</td>
</tr>
<tr>
<td>B20</td>
<td>GMC</td>
<td>Sierra 4WD</td>
<td>Pickup</td>
<td>3.0L V6</td>
<td>22/24/26</td>
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<td>B20</td>
<td>GMC</td>
<td>Sierra 4WD AT4</td>
<td>Pickup</td>
<td>3.0L V6</td>
<td>22/24/26</td>
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<tr>
<td>B20</td>
<td>Land Rover</td>
<td>Range Rover</td>
<td>SUV</td>
<td>3.0L V6</td>
<td>22/24/28</td>
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<tr>
<td>B20</td>
<td>Land Rover</td>
<td>Range Rover Discovery</td>
<td>SUV</td>
<td>3.0L V6</td>
<td>21/23/26</td>
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<tr>
<td>B20</td>
<td>Land Rover</td>
<td>Range Rover Sport</td>
<td>SUV</td>
<td>3.0L V6</td>
<td>22/24/28</td>
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<td>Fuel/Powertrain Type</td>
<td>Make</td>
<td>Model</td>
<td>Vehicle Type</td>
<td>Engine Size/Cylinders</td>
<td>Fuel Economy, Gasoline, City/Combined/Highway (MPG)</td>
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<td>Impala</td>
<td>Sedan/Wagon</td>
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<td>Chevrolet</td>
<td>Silverado 2WD</td>
<td>Pickup</td>
<td>5.3L V8</td>
<td>15/16/19</td>
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<td>Chevrolet</td>
<td>Silverado 4WD</td>
<td>Pickup</td>
<td>5.3L V8</td>
<td>14/16/18</td>
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<tr>
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<td>Suburban C1500 2WD</td>
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<td>5.3L V8</td>
<td>15/18/22</td>
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<td>Chevrolet</td>
<td>Suburban K1500 4WD</td>
<td>SUV</td>
<td>5.3L V8</td>
<td>14/16/21</td>
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<tr>
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<td>Tahoe C1500 2WD</td>
<td>SUV</td>
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<td>Chevrolet</td>
<td>Tahoe K1500 4WD</td>
<td>SUV</td>
<td>5.3L V8</td>
<td>15/17/21</td>
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<tr>
<td>FFV</td>
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<td>Explorer AWD FFV</td>
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<td>Ford</td>
<td>F-150 2WD FFV</td>
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<td>5.0L V8</td>
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<td>Ford</td>
<td>F-150 2WD FFV</td>
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<td>FFV</td>
<td>Ford</td>
<td>Transit Connect Van FFV*</td>
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<td>2.0L I4</td>
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<td>GMC</td>
<td>Sierra 2WD</td>
<td>Pickup</td>
<td>5.3L V8</td>
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## Flexible Fuel Vehicles (FFV)

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<th>Make</th>
<th>Model</th>
<th>Vehicle Type</th>
<th>Engine Size/Cylinders</th>
<th>Fuel Economy, Gasoline, City/Combined/Highway (MPG)</th>
<th>Fuel Economy, E85, City/Combined/Highway (MPG)</th>
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<td>FFV</td>
<td>GMC</td>
<td>Sierra 4WD</td>
<td>Pickup</td>
<td>5.3L V8</td>
<td>14/16/19</td>
<td>11/12/14</td>
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<td>FFV</td>
<td>GMC</td>
<td>Yukon K1500 4WD</td>
<td>SUV</td>
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<td>15/17/21</td>
<td>11/13/16</td>
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<td>GMC</td>
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<td>11/12/15</td>
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<td>FFV</td>
<td>GMC</td>
<td>Yukon XL C1500 2WD</td>
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<td>FFV</td>
<td>GMC</td>
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<td>SUV</td>
<td>5.3L V8</td>
<td>15/18/22</td>
<td>11/13/17</td>
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*This vehicle is only available in certain states. See dealer for details.*
### Fuel Cell Vehicles (FCV)

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<th>Fuel/Powertrain Type</th>
<th>Make</th>
<th>Model</th>
<th>Vehicle Type</th>
<th>Propulsion; Battery</th>
<th>Fuel Economy, Hydrogen, City/Combined/Highway (miles per gallon of gasoline equivalent, MPGe)</th>
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<td>Honda</td>
<td>Clarity</td>
<td>Sedan/Wagon</td>
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<td>FCV</td>
<td>Hyundai</td>
<td>Nexo</td>
<td>SUV</td>
<td>120 kW electric motor; 240 V Lithium Ion battery</td>
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<td>FCV</td>
<td>Hyundai</td>
<td>Nexo Blue</td>
<td>SUV</td>
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<td>Toyota</td>
<td>Mirai</td>
<td>Sedan/Wagon</td>
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<td>Fuel/Powertrain Type</td>
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<td>Vehicle Type</td>
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<td>Acura</td>
<td>MDX AWD</td>
<td>SUV</td>
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<td>NSX</td>
<td>Sedan/Wagon</td>
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<td>RLX</td>
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<td>A6 quattro</td>
<td>Sedan/Wagon</td>
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<td>22/24/29</td>
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<td>A7 quattro</td>
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<td>A8L</td>
<td>Sedan/Wagon</td>
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<td>17/21/26</td>
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<td>Audi</td>
<td>A8L</td>
<td>Sedan/Wagon</td>
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<td>Q7</td>
<td>Sedan/Wagon</td>
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<td>Q8</td>
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<tr>
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<td>Range Rover MHEV</td>
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## Hybrid Electric Vehicles (HEV)

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<th>Fuel/Powertrain Type</th>
<th>Make</th>
<th>Model</th>
<th>Vehicle Type</th>
<th>Engine Size/Cylinders</th>
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<td>Highlander Hybrid</td>
<td>SUV</td>
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<td>Highlander Hybrid AWD</td>
<td>SUV</td>
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<td>Toyota</td>
<td>Highlander Hybrid AWD LTD/PLAT</td>
<td>SUV</td>
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<td>Prius</td>
<td>Sedan/Wagon</td>
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<td>Prius AWD</td>
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<td>Prius Eco</td>
<td>Sedan/Wagon</td>
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<td>Toyota</td>
<td>RAV4 Hybrid AWD</td>
<td>SUV</td>
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## Plug-in Hybrid Electric Vehicles (PHEV)

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<th>Make</th>
<th>Model</th>
<th>Vehicle Type</th>
<th>Engine Size/Cylinders; Electric Propulsion</th>
<th>Fuel Economy, Gasoline Only, City/Combined/Highway (MPG)</th>
<th>Combined Fuel Economy, Electric Only or Gas + Electric (miles per gallon of gasoline equivalent, MPGe)†</th>
<th>All-Electric Range (mi)</th>
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<tr>
<td>PHEV (Parallel)</td>
<td>Audi</td>
<td>A8L</td>
<td>Sedan/Wagon</td>
<td>3.0L V6; 100 kW electric motor</td>
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<td>PHEV (Parallel)</td>
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<td>Q5</td>
<td>Sedan/Wagon</td>
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<td>25/27/29</td>
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<td>PHEV (Parallel)</td>
<td>BMW</td>
<td>530e</td>
<td>Sedan/Wagon</td>
<td>2.0L I4; 83 kW electric motor</td>
<td>25/27/31</td>
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<tr>
<td>PHEV (Parallel)</td>
<td>BMW</td>
<td>530e xDrive</td>
<td>Sedan/Wagon</td>
<td>2.0L I4; 83 kW electric motor</td>
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<td>PHEV (Parallel)</td>
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<td>PHEV (Parallel)</td>
<td>BMW</td>
<td>i8 Coupe</td>
<td>Sedan/Wagon</td>
<td>1.5L I3; 105 kW electric motor</td>
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<td>PHEV (Parallel)</td>
<td>BMW</td>
<td>i8 Roadster</td>
<td>Sedan/Wagon</td>
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<td>PHEV (Parallel)</td>
<td>BMW</td>
<td>X3 xDrive30e</td>
<td>SUV</td>
<td>2.0L I4; 80 kW electric motor</td>
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<td>Pacifica Hybrid</td>
<td>Van</td>
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<td>Fusion Energi Plug in Hybrid FWD</td>
<td>Sedan/Wagon</td>
<td>2.0L I4; 68 kW electric motor</td>
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<td>Fusion Special Service PHEV</td>
<td>Sedan/Wagon</td>
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<td>Clarity PHEV</td>
<td>Sedan/Wagon</td>
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<td>Ioniq Plug-in Hybrid</td>
<td>Sedan/Wagon</td>
<td>1.6L I4; 32 kW electric motor</td>
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<td>Karma</td>
<td>Revero GT (21&quot; wheels)</td>
<td>Sedan/Wagon</td>
<td>1.5L I3; 175 kW electric motors (x2)</td>
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<td>Optima Plug-In Hybrid</td>
<td>Sedan/Wagon</td>
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## Plug-in Hybrid Electric Vehicles (PHEV)

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<th>Combined Fuel Economy, Electric Only or Gas + Electric (miles per gallon of gasoline equivalent, MPGe)†</th>
<th>All-Electric Range (mi)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHEV (Parallel)</td>
<td>Land Rover</td>
<td>Range Rover PHEV</td>
<td>SUV</td>
<td>2.0L I4; 105 kW electric motor</td>
<td>18/19/21</td>
<td>42</td>
<td>19</td>
</tr>
<tr>
<td>PHEV (Parallel)</td>
<td>Land Rover</td>
<td>Range Rover Sport PHEV</td>
<td>SUV</td>
<td>2.0L I4; 105 kW electric motor</td>
<td>18/19/21</td>
<td>42</td>
<td>19</td>
</tr>
<tr>
<td>PHEV (Parallel)</td>
<td>Lincoln</td>
<td>Aviator AWD PHEV</td>
<td>SUV</td>
<td>3.0L V6; 74 kW electric motor</td>
<td>22/23/25</td>
<td>56</td>
<td>21</td>
</tr>
<tr>
<td>PHEV (Parallel)</td>
<td>Mercedes-Benz</td>
<td>S 560e</td>
<td>SUV</td>
<td>3.0L V6; 90 kW electric motor</td>
<td>21/23/26</td>
<td>N/A</td>
<td>19</td>
</tr>
<tr>
<td>PHEV (Parallel)</td>
<td>Mini</td>
<td>Cooper SE Countryman ALL4</td>
<td>Sedan/Wagon</td>
<td>1.5L I3; 65 kW electric motor</td>
<td>29/29/30</td>
<td>73</td>
<td>18</td>
</tr>
<tr>
<td>PHEV (Parallel)</td>
<td>Mitsubishi</td>
<td>Outlander PHEV</td>
<td>SUV</td>
<td>2.0L I4; 60 kW electric motor</td>
<td>25/25/26</td>
<td>74</td>
<td>22</td>
</tr>
<tr>
<td>PHEV (Series)</td>
<td>Porsche</td>
<td>Panamera 4 e-Hybrid</td>
<td>Sedan/Wagon</td>
<td>2.9L V6; 70 kW electric motor</td>
<td>21/23/24</td>
<td>51</td>
<td>14</td>
</tr>
<tr>
<td>PHEV (Series)</td>
<td>Porsche</td>
<td>Panamera 4 e-Hybrid Executive</td>
<td>Sedan/Wagon</td>
<td>2.9L V6; 70 kW electric motor</td>
<td>21/23/24</td>
<td>51</td>
<td>14</td>
</tr>
<tr>
<td>PHEV (Series)</td>
<td>Porsche</td>
<td>Panamera 4 e-Hybrid ST</td>
<td>Sedan/Wagon</td>
<td>2.9L V6; 70 kW electric motor</td>
<td>21/23/24</td>
<td>51</td>
<td>14</td>
</tr>
<tr>
<td>PHEV (Series)</td>
<td>Porsche</td>
<td>Panamera Turbo S e-Hybrid</td>
<td>Sedan/Wagon</td>
<td>4.0L V8; 70 kW electric motor</td>
<td>19/20/22</td>
<td>48</td>
<td>14</td>
</tr>
<tr>
<td>PHEV (Series)</td>
<td>Porsche</td>
<td>Panamera Turbo S e-Hybrid Executive</td>
<td>Sedan/Wagon</td>
<td>4.0L V8; 70 kW electric motor</td>
<td>19/20/22</td>
<td>48</td>
<td>14</td>
</tr>
<tr>
<td>PHEV (Series)</td>
<td>Porsche</td>
<td>Panamera Turbo S e-Hybrid ST</td>
<td>Sedan/Wagon</td>
<td>4.0L V8; 70 kW electric motor</td>
<td>19/20/22</td>
<td>48</td>
<td>14</td>
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<tr>
<td>PHEV (Parallel)</td>
<td>Subaru</td>
<td>Crosstrek Hybrid AWD</td>
<td>SUV</td>
<td>2.0L I4; 88 kW electric motor</td>
<td>36/35/35</td>
<td>90</td>
<td>17</td>
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<tr>
<td>PHEV (Parallel)</td>
<td>Toyota</td>
<td>Prius Prime</td>
<td>Sedan/Wagon</td>
<td>1.8L I4; 23 &amp; 53 kW electric motor</td>
<td>55/54/53</td>
<td>133</td>
<td>25</td>
</tr>
<tr>
<td>PHEV (Parallel)</td>
<td>Volvo</td>
<td>S60 AWD</td>
<td>SUV</td>
<td>2.0L I4; 34 &amp; 65 kW electric motors</td>
<td>28/30/33</td>
<td>69</td>
<td>22</td>
</tr>
<tr>
<td>PHEV (Parallel)</td>
<td>Volvo</td>
<td>S90 AWD</td>
<td>Sedan/Wagon</td>
<td>2.0L I4; 34 &amp; 65 kW electric motors</td>
<td>28/30/31</td>
<td>60</td>
<td>21</td>
</tr>
</tbody>
</table>
# Plug-in Hybrid Electric Vehicles (PHEV)

<table>
<thead>
<tr>
<th>Fuel/Powertrain Type</th>
<th>Make</th>
<th>Model</th>
<th>Vehicle Type</th>
<th>Engine Size/Cylinders; Electric Propulsion</th>
<th>Fuel Economy, Gasoline Only, City/Combined/Highway (MPG)</th>
<th>Combined Fuel Economy, Electric Only or Gas + Electric (miles per gallon of gasoline equivalent, MPGe)†</th>
<th>All-Electric Range (mi)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHEV (Parallel)</td>
<td>Volvo</td>
<td>V60 AWD</td>
<td>SUV</td>
<td>2.0L I4; 34 &amp; 65 kW electric motors</td>
<td>28/30/33</td>
<td>69</td>
<td>22</td>
</tr>
<tr>
<td>PHEV (Parallel)</td>
<td>Volvo</td>
<td>XC60 AWD</td>
<td>SUV</td>
<td>2.0L I4; 34 &amp; 65 kW electric motors</td>
<td>26/27/28</td>
<td>57</td>
<td>19</td>
</tr>
<tr>
<td>PHEV (Parallel)</td>
<td>Volvo</td>
<td>XC90 AWD</td>
<td>SUV</td>
<td>2.0L I4; 34 &amp; 65 kW electric motors</td>
<td>26/27/28</td>
<td>55</td>
<td>18</td>
</tr>
</tbody>
</table>

†Values are for combined gasoline plus electric operation for “parallel” PHEVs, or electric-only operation for “series” PHEVs.

**NOTES**

Some vehicles may not qualify for vehicle-acquisition credits under the U.S. DOE's EPAct State and Fuel Provider or Federal Fleet Management programs. Contact these programs about eligible vehicles.