

**Table 2: Recommended Greenhouse Gas Reduction Measures**

<b>Recommended Reduction Measures</b>	<b>Reductions Counted Towards 2020 Target (MMTCO<sub>2</sub>E)</b>
<b>ESTIMATED REDUCTIONS RESULTING FROM THE COMBINATION OF CAP-AND-TRADE PROGRAM AND COMPLEMENTARY MEASURES</b>	<b>146.7</b>
California Light-Duty Vehicle Greenhouse Gas Standards <ul style="list-style-type: none"> <li>Implement Pavley standards</li> <li>Develop Pavley II light-duty vehicle standards</li> </ul>	31.7
Energy Efficiency <ul style="list-style-type: none"> <li>Building/appliance efficiency, new programs, etc.</li> <li>Increase CHP generation by 30,000 GWh</li> <li>Solar Water Heating (AB 1470 goal)</li> </ul>	26.3
Renewables Portfolio Standard (33% by 2020)	21.3
Low Carbon Fuel Standard	15
Regional Transportation-Related GHG Targets <sup>16</sup>	5
Vehicle Efficiency Measures	4.5
Goods Movement <ul style="list-style-type: none"> <li>Ship Electrification at Ports</li> <li>System-Wide Efficiency Improvements</li> </ul>	3.7
Million Solar Roofs	2.1
Medium/Heavy Duty Vehicles <ul style="list-style-type: none"> <li>Heavy-Duty Vehicle Greenhouse Gas Emission Reduction (Aerodynamic Efficiency)</li> <li>Medium- and Heavy-Duty Vehicle Hybridization</li> </ul>	1.4
High Speed Rail	1.0
Industrial Measures (for sources covered under cap-and-trade program) <ul style="list-style-type: none"> <li>Refinery Measures</li> <li>Energy Efficiency &amp; Co-Benefits Audits</li> </ul>	0.3
Additional Reductions Necessary to Achieve the Cap	34.4
<b>ESTIMATED REDUCTIONS FROM UNCAPPED SOURCES/SECTORS</b>	<b>27.3</b>
High Global Warming Potential Gas Measures	20.2
Sustainable Forests	5.0
Industrial Measures (for sources not covered under cap and trade program) <ul style="list-style-type: none"> <li>Oil and Gas Extraction and Transmission</li> </ul>	1.1
Recycling and Waste (landfill methane capture)	1.0
<b>TOTAL REDUCTIONS COUNTED TOWARDS 2020 TARGET</b>	<b>174</b>
<b>Other Recommended Measures</b>	<b>Estimated 2020 Reductions (MMTCO<sub>2</sub>E)</b>
State Government Operations	1-2
Local Government Operations	TBD
Green Buildings	26
Recycling and Waste <ul style="list-style-type: none"> <li>Mandatory Commercial Recycling</li> <li>Other measures</li> </ul>	9
Water Sector Measures	4.8
Methane Capture at Large Dairies	1.0

<sup>16</sup> This number represents an estimate of what may be achieved from local land use changes. It is not the SB 375 regional target. ARB will establish regional targets for each Metropolitan Planning Organization (MPO) region following the input of the Regional Targets Advisory Committee and a public consultation process with MPOs and other stakeholders per SB 375.