

## Appendix 2: Statutory Requirements Applicable to State Agency GHG Emissions Reduction

Washington has adopted a set of coordinated statewide policies to grow our economy and reduce our greenhouse gas emissions, listed here: <http://www.ecy.wa.gov/climatechange/laws.htm>. The policies listed in the table below apply specifically to emission reductions from state agency operations.

Statutory Requirements	RCW	Affected Agency	Effective date
<b>Greenhouse Gas Emission Reduction Goals</b>			
<p>The State Agency Climate Leadership Act establishes GHG reduction targets for state agencies to reduce greenhouse gas emissions by:</p> <ul style="list-style-type: none"> <li>• 15 percent below 2005 levels by 2020.</li> <li>• 36 percent below 2005 by 2035.</li> <li>• 57.5 percent below 2005 by 2050.</li> </ul> <p>Agencies are required to report annually on GHG emissions and to develop a strategy to reduce GHG emissions.</p> <p>See <a href="http://www.ecy.wa.gov/climatechange/ghg_reducing.htm">http://www.ecy.wa.gov/climatechange/ghg_reducing.htm</a></p>	<p><a href="#">RCW 70.235.050</a></p> <p><a href="#">RCW 70.235.060</a></p>	All state agencies	In effect
<p>When distributing capital funds through competitive programs for infrastructure and economic development projects, all state agencies must consider whether the entity receiving the funds has adopted policies to reduce greenhouse gas emissions. Agencies also must consider whether the project is consistent with:</p> <ul style="list-style-type: none"> <li>• State greenhouse gas reduction goals,</li> <li>• State vehicle miles traveled reduction goals, and</li> <li>• Applicable federal emissions reduction requirements.</li> </ul>	<p><a href="#">RCW 70.235.070</a></p>	All state agencies	In effect
<b>Reducing Emissions from Buildings and Other Facilities</b>			
<p>All new and major renovated state-funded buildings over 5,000 square feet are required to meet LEED Silver green building standards.</p> <p>See <a href="http://www.ga.wa.gov/EAS/green/index.html">http://www.ga.wa.gov/EAS/green/index.html</a></p>	<p><a href="#">RCW 39.35D.030</a></p>	All state agencies	In effect
<p>Competitive grants are provided to public school districts and higher education institutions for operational cost savings improvements to schools and higher education facilities and for related projects that result in energy and operational cost savings.</p>	<p><a href="#">2010 Supplemental Capital Budget section 1016</a></p>	Universities and Community Colleges	In effect

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	and 5007Jobs Act		
<p>Certain state agencies must meet building energy performance standards that are benchmarked to national standards and report on their performance. Agencies that fail to meet the standards must perform a preliminary energy audit and implement cost-effective energy conservation measures by July 1, 2016.</p> <p>See <a href="http://www.ga.wa.gov/energy/EnergyStar.htm">http://www.ga.wa.gov/energy/EnergyStar.htm</a></p>	<a href="#">RCW 19.27A.190</a>	GA and qualifying state agencies	In effect
<p>State agencies are required to include energy conservation practices and renewable energy systems in the design of major publicly owned or leased facilities and consider the use of at least one renewable energy system. Public agencies must analyze the cost of energy consumption of each major facility to be planned and constructed or renovated after September 8, 1975.</p>	<a href="#">RCW 39.35</a>	All state agencies	In effect since 1980, amended 2001
<p>State agencies must implement energy conservation and maintenance procedures after walk-through survey. Agencies may contract with energy service companies as authorized by chapter <a href="#">39.35C</a> RCW for energy audits and implementation of cost-effective energy conservation measures.</p> <p>See <a href="http://www.ga.wa.gov/EAS/epc/espc.htm">http://www.ga.wa.gov/EAS/epc/espc.htm</a></p>	<a href="#">RCW 43.19.680</a>	All state agencies	In effect since 2001
<p>Agencies implementing energy conservation are allowed to retain the resulting cost savings for other purposes, including further energy conservation.</p>	<a href="#">RCW 43.41.170</a>	All state agencies	In effect since 1986
<b>Reducing Emissions from State Fleet and Transportation</b>			
<p>State agencies are required to establish policies and implement a fuel economy standard for acquisition, operation, and authorized use of state vehicles as well as develop strategies to reduce fuel consumption and vehicle emissions.</p>	<a href="#">RCW 43.41.130</a>	GA and state agencies that own or operate passenger motor vehicles	In effect
<p>After June 15, 2010, state agencies must, when purchasing new petroleum-based fuel vehicles for vehicle fleets: (a) achieve an average fuel economy of 40 miles per gallon for light duty passenger vehicles; and (b) achieve an average fuel economy of 27 miles per gallon for light duty vans and sports utility vehicles; or (c) purchase ultra-low carbon fuel vehicles.</p>	<a href="#">RCW 43.41.130</a>	All state agencies	In effect

Statutory Requirements	RCW	Affected Agency	Effective date
Certain vehicles are excluded from these requirements, including: emergency response vehicles, passenger vans with a gross vehicle weight of 8,500 pounds or greater, vehicles that are purchased for off-pavement use, ultra-low carbon fuel vehicles, and vehicles that are driven less than 2,000 miles.			
<p>Effective June 1, 2009, state agencies are required to use a minimum of 20% biodiesel to operate diesel-powered vessels, vehicles, and construction equipment.</p> <p>WA state ferries must use a minimum 5% biodiesel blend.</p> <p>See <a href="http://www.ga.wa.gov/News/2010-01-BiodieselReport.pdf">http://www.ga.wa.gov/News/2010-01-BiodieselReport.pdf</a></p>	<p><a href="#">RCW 43.19.642</a></p>	All state agencies	In effect
Effective June 1, 2013, all state agencies and local governments are required to satisfy 40% of their fuel usage for publicly owned vessels, vehicles, and construction equipment with electricity or biofuel. By June 1, 2015, 100% these fuel needs are to be met by electricity or biofuel, to the extent practicable. Department of Commerce is required to adopt a rule defining “the extent practicable.”	<p><a href="#">RCW 43.19.648</a></p>	All state agencies	June 1, 2013 and June 1, 2015
At least 30% of all new vehicles purchased through a state contract shall be clean-fuel vehicles. The percentage of clean-fuel vehicles purchased through a state contract shall increase at the rate of five percent each year.	<p><a href="#">RCW 43.19.637</a></p>	Agencies using state contract	In effect since 2002
State must install electrical outlets capable of charging electric vehicles in each of the state's fleet parking and maintenance facilities.	<p><a href="#">RCW 43.19.648</a></p>	All state agencies	2015
When tires on vehicles in the state's motor vehicle fleet are replaced, they must be replaced with tires that have the same or better rolling resistance as the original tires.	<p><a href="#">RCW 43.19.648</a></p>	All state agencies except for WSP	In effect
<b>Reducing Emissions from Employee Commuting</b>			
<p>The Commute Trip Reduction (CTR) Law was passed in 1991 and incorporated into the Clean Air Act. Public and private employers in the nine most populated counties that have 100 or more employees at a single worksite are required to implement a program designed to reduce the number of drive alone vehicles commuting to the worksite.</p> <p>State agencies are mandated to take a leadership role.</p> <p>In 2006 the Legislature passed the CTR Efficiency Act defining affected state worksites as those with 100 or more state employees, no matter how many agencies are co-located at the site.</p> <p>In 2009 the CTR Act for State Agencies Act was passed, requiring state agencies located in the</p>	<p><a href="#">RCW 70.94.527</a></p> <p><a href="#">RCW 70.94.531</a></p> <p><a href="#">RCW 70.94.547</a></p> <p><a href="#">RCW</a></p>	State agencies that employ 100 or more full-time employees at a single worksite or at a co-located site in the nine most populous counties	In effect

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<p>urban growth areas of Olympia, Lacey, and Tumwater to participate in a “Joint Comprehensive CTR Plan” to reduce drive alone commute trips and miles traveled to state worksites.</p> <p>See <a href="http://www.wsdot.wa.gov/TDM/CTR/default.htm">http://www.wsdot.wa.gov/TDM/CTR/default.htm</a></p>	<a href="#">70.94.551</a>		
Other Requirements			
<p>Agencies are required to develop and implement paper conservation and recycling programs to reduce paper use by 30% and to encourage recycling all paper products.</p> <p>See <a href="http://www.ofm.wa.gov/sustainability/resources/paper_conservation_act_guidance.pdf">http://www.ofm.wa.gov/sustainability/resources/paper_conservation_act_guidance.pdf</a></p>	<p><a href="#">RCW 70.95.725</a></p>	All state agencies	In effect
<p>Department of General Administration must seek to further energy conservation in landscape objectives among other landscape objectives in planting and maintaining trees upon grounds administered by the department.</p>	<p><a href="#">RCW 43.19.682</a></p>	GA	In effect since 2003
<p>Encourages purchasing of environmentally preferable products (EPP) and services. Provides a broad legislative basis for state purchases of recycled-content and energy-saving products. It also provides flexibility for GA’s Office of State Procurement (OSP) to award state contracts based on environmental considerations.</p> <p>Establishes policies to substantially increase the purchase of recycled-content products by all state and local government agencies, including higher education and public schools.</p> <p>Requires state agencies to purchase 100% recycled content paper for use in agency copiers and printers, or transition to using equipment that can efficiently use 100% recycled content paper. Gives preference to paper produced in facilities that use renewable energy sources.</p> <p>See <a href="http://www.ecy.wa.gov/programs/swfa/epp/laws_directives.html">http://www.ecy.wa.gov/programs/swfa/epp/laws_directives.html</a></p>	<p><a href="#">RCW 43.19</a></p> <p><a href="#">RCW 43.19A</a></p> <p><a href="#">RCW 43.19A.022</a></p>	All state agencies	In effect