

GOAL 3: SUSTAINABLE ENERGY AND A CLEAN ENVIRONMENT

Building a legacy of resource stewardship for the next generation of Washingtonians

| GOAL TOPIC | SUSTAINABLE AND CLEAN ENERGY <i>Reduce our greenhouse gas emissions</i> | | | HEALTHY FISH AND WILDLIFE <i>Protect and restore Washington's wildlife</i> | | | CLEAN AND RESTORED ENVIRONMENT <i>Keep our land, water and air clean</i> | | | WORKING AND NATURAL LANDS <i>Use our lands responsibly</i> | | | |
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| SUB TOPIC | CLEAN TRANSPORTATION | CLEAN ELECTRICITY | EFFICIENT BUILDINGS & INDUSTRIAL PROCESSES | SHELLFISH | PACIFIC SALMON | WILDLIFE | HEALTHY LANDS | CLEAN, COOL WATER | HEALTHY AIR | FARMLAND | FORESTS | OUTDOOR RECREATION | HABITAT PROTECTION |
| OUTCOME MEASURE | 1.1: Reduce transportation-related greenhouse gas emissions from 44.9 mmt/year (projected 2020) to 37.5 mmt/year (1990) by 2020 | 1.2: Reduce greenhouse gas emissions from electrical energy consumption from 18.4 mmt/year (projected 2020) to 16.9 mmt/year (1990) by 2020 | 1.3: Improve non-electrical energy efficiency of buildings and industrial processes to reduce greenhouse gas emissions from 21.7 mmt/year (projected 2020) to 18.6 mmt/year (1990) by 2020 | 2.1: Increase improved shellfish classification acreage in Puget Sound from net increase of 3,038 acres from 2007-13 to net increase of 8,614 acres by 2016 | 2.2: Increase the percentage of ESA-listed salmon and steelhead populations at healthy, sustainable levels from 16% to 25% by 2022 | 2.3: Increase the percentage of current state listed species recovering from 28% to 35% by 2020 | 3.1: Increase the number of contaminated sites cleaned up by 17% from 5,815 to 6,803 by 2020 | 3.2: Increase the percentage of rivers meeting good water quality from 43% to 55% by 2020 | 3.3: Increase percent of population living where air quality meets federal standards from 92% to 100% by 2020 | 4.1: Increase the net statewide acreage dedicated to working farms (cropland) from 7.237 million to 7.347 million by 2020, | 4.2: Increase the average annual statewide treatment of forested lands for forest health and fire reduction from 145,000 to 200,000 acres by 2017 | 4.3: Increase participation in outdoor experiences on state public recreation lands and waters 1% each year from 2012 through 2016 | 4.4: Reduce the rate of loss of priority habitat (oak woodland) from 0.4% (123 acres) to 0.1% (34 acres) by 2016 |
| LEADING INDICATORS | 1.1.a: Reduce the average emissions of greenhouse gases for each vehicle mile traveled in Washington by 25% from 1.15 lbs in 2010 to 0.85 pounds in 2020 1.1.b: Increase the average miles per gallon (MPG) of Washington's overall passenger and light duty truck fleet from 19.2 miles per gallon (MPG) in 2010 to 23 MPG in 2020 1.1.c: Increase the number of plug-in electric vehicles registered in Washington from 8,000 in 2013 to 50,000 by 2020 | 1.2.a: Increase electric load served by renewable energy from 3% to 9% by 2016 and 15% by 2020 1.2.b: Increase electrical load growth replaced by conservation from 112.5 average megawatts as of 2010 to 155 average megawatts by 2020 | 1.3.a: Reduce non-electric fossil fuel consumption associated with residential and commercial end users from the 2010 three year average level of 165.9 trillion Btu to 140 trillion Btu in 2020 1.3.b: Maintain non-electric fossil fuel consumption associated with industrial buildings and processes at or below the 2010 three year average level of 163.7 trillion Btu by 2016 | 2.1.a: Increase percentage of inspections that are current for on-site sewage systems in marine recovery areas and other specially designated areas from 37% to 50% by 2016 2.1.b: Increase number of implemented agricultural BMPs to improve water quality in shellfish growing areas in Puget Sound, Grays Harbor, and Pacific counties from 345 in 2008 to 750 by 2016 | 2.2.a: Demonstrate increasing trend in Puget Sound Chinook populations from one in 2010 to five by 2016 2.2.b: Increase miles of stream habitat opened from 350 to 450 by 2016 2.2.c: Increase number of fish passage barriers corrected per year from 375 to 500 by 2016 | 2.3.a: Increase number of successful wolf breeding pairs from 5 to 15 by 2020 2.3.b: Increase the 5-year running average of statewide sage-grouse population from 1,000 to 1,100 by 2017 | 3.1.a: Increase number of contaminated brownfield sites returned to economically productive use from 476 to 641 by 2016 3.1.b: Increase completion percentage of the Hanford tank waste treatment plant from 63% to 86% by 2016 3.1.c: Reduce the average concentration of copper in brakes sold in the state from 7.27% to less than 0.5% by 2025, preventing the release of about 250,000 pounds of copper per year by 2025 | 3.2.a: Increase the number of projects that provide stormwater treatment or infiltration from 10 to 125 by 2017 3.2.b: Increase percentage of core saltwater swimming beaches meeting water quality standards from 89% to 95% by 2016 3.2.c: Increase number of CREP sites to improve water temperature and habitat from 1,021 to 1,171 by 2015 | 3.3.a: Decrease tons of toxic diesel soot air pollution emitted from mobile sources from 6,444 to 5,248 by 2016 3.3.b: Increase number of woodstoves replaced with cleaner burning technologies from 2,777 to 4,000 by 2016 | 4.1.a: Maintain current level of statewide acreage dedicated to working farms (cropland) with no net loss through 2015 | 4.2.a: Increase the Department of Natural Resources' administered average annual treatment of state forested lands for forest health and fire reduction from 22,000 to 23,500 acres by 2016 | 4.3.a: Increase access to public recreation lands by increasing the number of Discover Passes and daily permits sold by 1% per fiscal year from 744,000 to 774,000 passes and permits sold by 2016 4.3.b: Increase participation in State Parks environmental education and interpretive programs from 114,000 visitors to 160,000 visitors by 2016 4.3.c: Increase the number of individual fishing and hunting licenses issued from 2.020 million to 2.103 million licenses by 2016 | 4.4.a: Increase hydraulic project approval compliance rate from 80% to 90% by 2016 4.4.b: Reduce annual rate of conversion of marine and freshwater riparian habitat in Puget Sound from 0.13% to 0.10% by 2016 and provide mitigation to ensure maintenance of today's habitat functions 4.4.c: Increase eelgrass beds in Puget Sound from 22,600 hectares to 23,730 hectares by 2016 4.4.d: Increase the acreage of Puget Sound estuaries restored in the 16 major rivers from 2,260 acres between 2006 and 2012 to 5,028 acres by 2016 |
| | <p>Btu: British thermal unit</p> <p>mmt: million metric tons</p> | | | | | | <p>CREP: Conservation Reserve Enhancement Program</p> | | | <p>Governor's Goal Council</p> <ul style="list-style-type: none"> • Department of Agriculture – Kirk Robinson • Department of Commerce – Tony Usibelli • Department of Ecology – Maia Bellon • Department of Fish & Wildlife – Jim Unsworth • Department of Health – Clark Halvorson • Department of Natural Resources – Lauren Burnes • Governor's Policy Office – JT Austin • Governor's Policy Office – Rob Duff • Governor's Policy Office – Julie Horowitz • Governor's Policy Office – Keith Phillips • Governor's Policy Office – Jon Snyder • Office of Financial Management – Jim Cahill • Pollution Liability Insurance – Russ Olsen • Puget Sound Partnership – Sheida Sahandy • Recreation & Conservation Office – Kaleen Cottingham • Results Washington – Pam Pannkuk • Results Washington – Tristan Wise • State Conservation Commission – Mark Clark • State Parks & Recreation Commission – Don Hoch • Utilities & Transportation Commission – Dave Danner | | | |
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