

Clean Fuels NOW



OUR BIGGEST CLIMATE CHALLENGE

Emissions from transportation fuels like diesel and gasoline are responsible for nearly half of our climate pollution in Washington state. The fuels we must use to get around are threatening our future and making us sick—but we can change that! A Clean Fuel Standard creates incentives for clean, low-carbon choices like electricity and local biofuels to power our transportation. By 2035, we could reduce greenhouse gas emissions by six million tons per year.

CLEANER AIR FOR EVERY COMMUNITY

Leading public health organizations like the American Lung Association, Washington Physicians for Social Responsibility, and the Washington Academy of Family Physicians view a Clean Fuel Standard as one of the most important ways to improve public health and air quality, saving millions in healthcare costs. A recent study found that California's Clean Fuel Standard could contribute to \$8.3 billion in avoided public health costs by 2025 because of fewer asthma attacks and hospitalizations, lower rates of lung cancer and heart attacks, and thousands of fewer lost workdays.¹

Prioritizing cleaner fuel and cleaner air will also begin to address long-standing inequities in who is most impacted by climate change. For years, the fossil fuel industry has put the burden of pollution on low-income neighborhoods and communities of color. In King County, diesel particulate pollution contributes to a reduction in life expectancy by 13 years for those living in the Duwamish Valley compared to other parts of the County.

REDUCING TRANSPORTATION COSTS

A recent study commissioned by the Puget Sound Clean Air Agency found that a regional Clean Fuel Standard would ultimately lower transportation costs per mile, saving Washingtonians millions of dollars a year. A Clean Fuel Standard ensures the cleanest and most affordable fuels compete on a level playing field. Electricity is on average six to seven times less expensive than gasoline and diesel², saving consumers money not only on fuel but also on upkeep and maintenance.

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FREEDOM TO CHOOSE LOCALLY-MADE CLEAN FUELS

Every year, Washington consumers and businesses spend approximately \$9 billion on gasoline and diesel from out-of-state oil companies. By transitioning to clean fuels, we can keep more of this money in state and power our vehicles and transportation systems with homegrown fuels. Growing our local clean fuels supply can protect Washington consumers from a volatile global oil market that often leaves us with wildly changing prices at the pump.

STATEWIDE ECONOMIC BENEFITS

Today, Washington clean fuel producers send their product to places that have adopted a Clean Fuel Standard like California, Oregon, and British Columbia. With a Clean Fuel Standard, Washington will gain access to these homegrown fuels and support local clean energy jobs. Greater access to clean fuels in Washington state will support rural economic development by relying on local fuels rather than out of state oil. Washington already supports over 1,700 jobs in the clean fuels industry and over 2,000 jobs in the electric vehicle industry. By implementing a Clean Fuel Standard statewide, Washington can become even more competitive.

WHY NOT WASHINGTON?

The oil industry has consistently blocked progress on passing clean fuels in Washington state. Our West Coast neighbors in California, Oregon, and B.C. already have working Clean Fuel Standards, creating a larger and aligned market for clean fuels. In California alone, the program has prevented 33 million tons of carbon from going into the air and cut the use of 9.9 billion gallons of petroleum, while investing \$2 billion in clean fuel productions and \$92 million in transportation electrification in 2016 alone—all of this with little to no impact on fuel prices.

Why a Clean Fuel Standard works:

- **Technology neutral:** Ensures cost-effective ways to achieve emission reductions are prioritized
- **Flexible:** Covered entities have multiple ways to comply; they can make on-site investments to reduce process emissions, blend clean biofuels into their product, and support clean fuel deployment directly, including the use of electricity as a fuel
- **Effective & affordable:** Oregon's Clean Fuels Program displaced the use of nearly 700 million gallons of fossil fuels while raising the cost of gasoline by only less than a penny per gallon³

¹ <http://www.cadelivers.org/low-carbon-fuel-standard/>

² BNP Paribas Asset Management, *Wells, Wires and Wheels: EROCI and the Tough Market Ahead for Oil*, August 2019

³ Oregon DEQ, *Oregon Clean Fuels Program Update*, January 2019

A CLEAN FUEL STANDARD WILL...

Require oil refiners to sell cleaner burning gasoline and diesel by reducing the carbon intensity of fuels by 25% by 2035

Support and incentivize more electric cars, trucks, and buses: by crediting utilities, fleet operators, and charging providers for low carbon fuel sources, Washington will reduce costs for cleaner transportation options.

Expand locally-made low-carbon biofuels: low-carbon liquid fuels can come from a variety of locally sourced materials like cooking oil and agricultural and forest waste.

Encourage higher efficiency refining: the program also allows refineries to clean up their operations, improving local air quality and cutting carbon pollution.

