

DOCKETED

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Washington State Building Decarbonization

EMILY SALZBERG MANAGING DIRECTOR
BUILDING STANDARDS AND PERFORMANCE
MAY 25, 2021

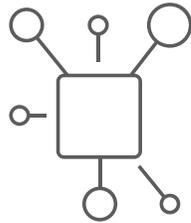


Washington State
Department of
Commerce

We strengthen communities



**HOUSING
HOMELESSNESS**



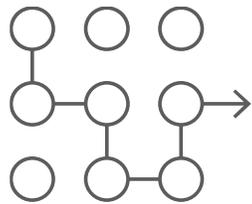
INFRASTRUCTURE



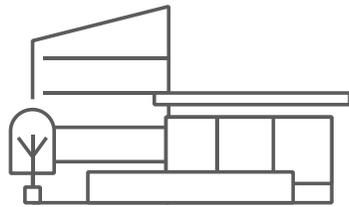
**BUSINESS
ASSISTANCE**



ENERGY



PLANNING



COMMUNITY FACILITIES



**CRIME VICTIMS &
PUBLIC SAFETY**



**COMMUNITY
SERVICES**

2019 State Energy Strategy Directives

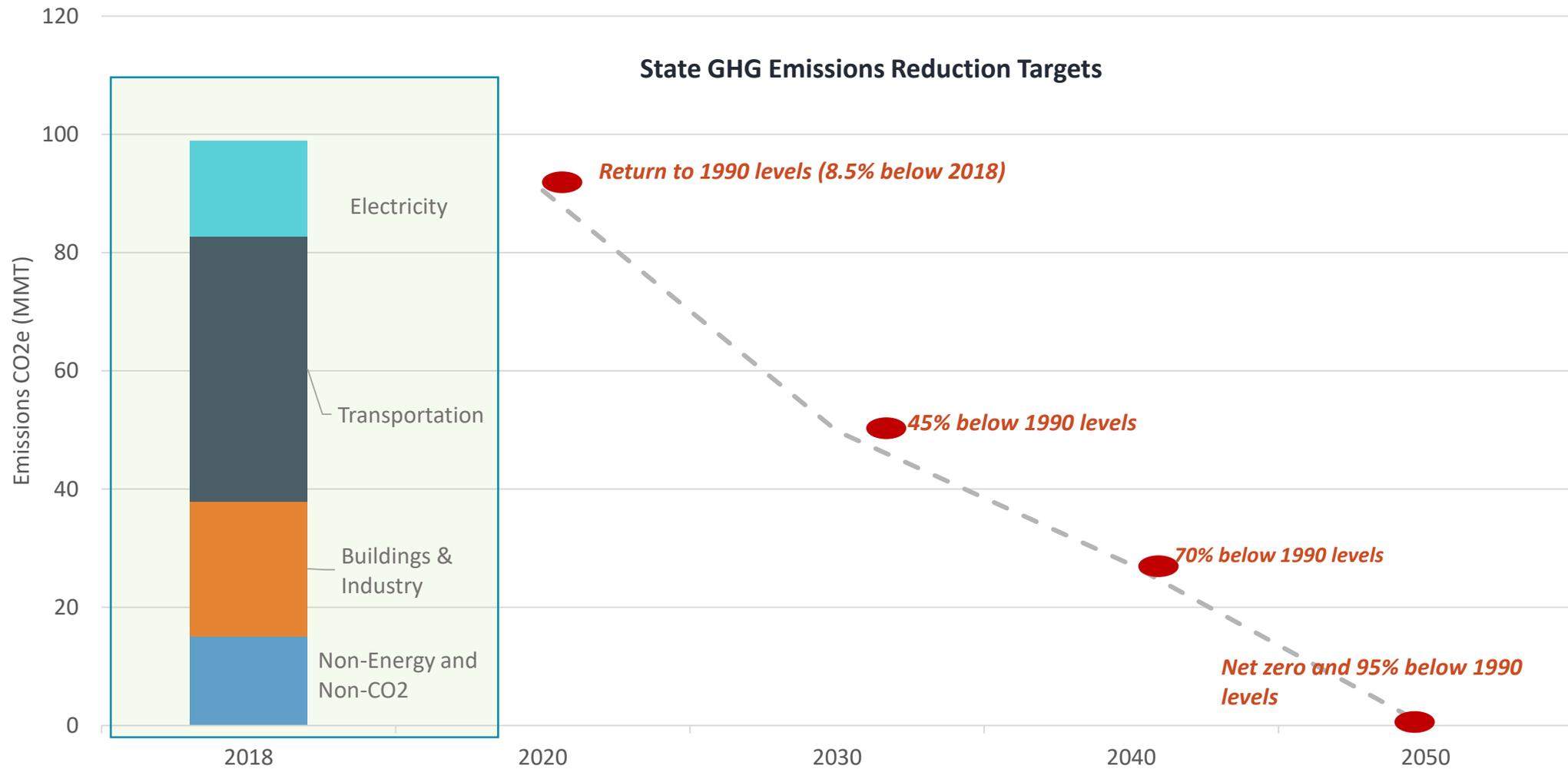
- Align strategy with clean electricity laws
 - Energy Independence Act (I-937, 2006)
 - Clean Energy Transformation Act (SB 5611, 2019)
 - After 2025, no coal in resource mix
 - By 2030, greenhouse neutral electricity supply
 - By 2045, 100% renewable or non-emitting sources
- Align strategy with greenhouse gas emissions limits (HB 2311, 2020)
 - By 2030, 45% below 1990 levels
 - By 2040, 75% below 1990 levels
 - By 2050, 95% below 1990 levels and achieve net-zero emissions.

Cross-Sector Considerations

- Maintaining reasonable and fair **prices** and sufficient **supply** of energy
- Promoting a competitive clean energy **economy** and **workforce** development
- Understanding and addressing the needs of **low-income and vulnerable populations**
- Reaching and responding to both **urban and rural communities**



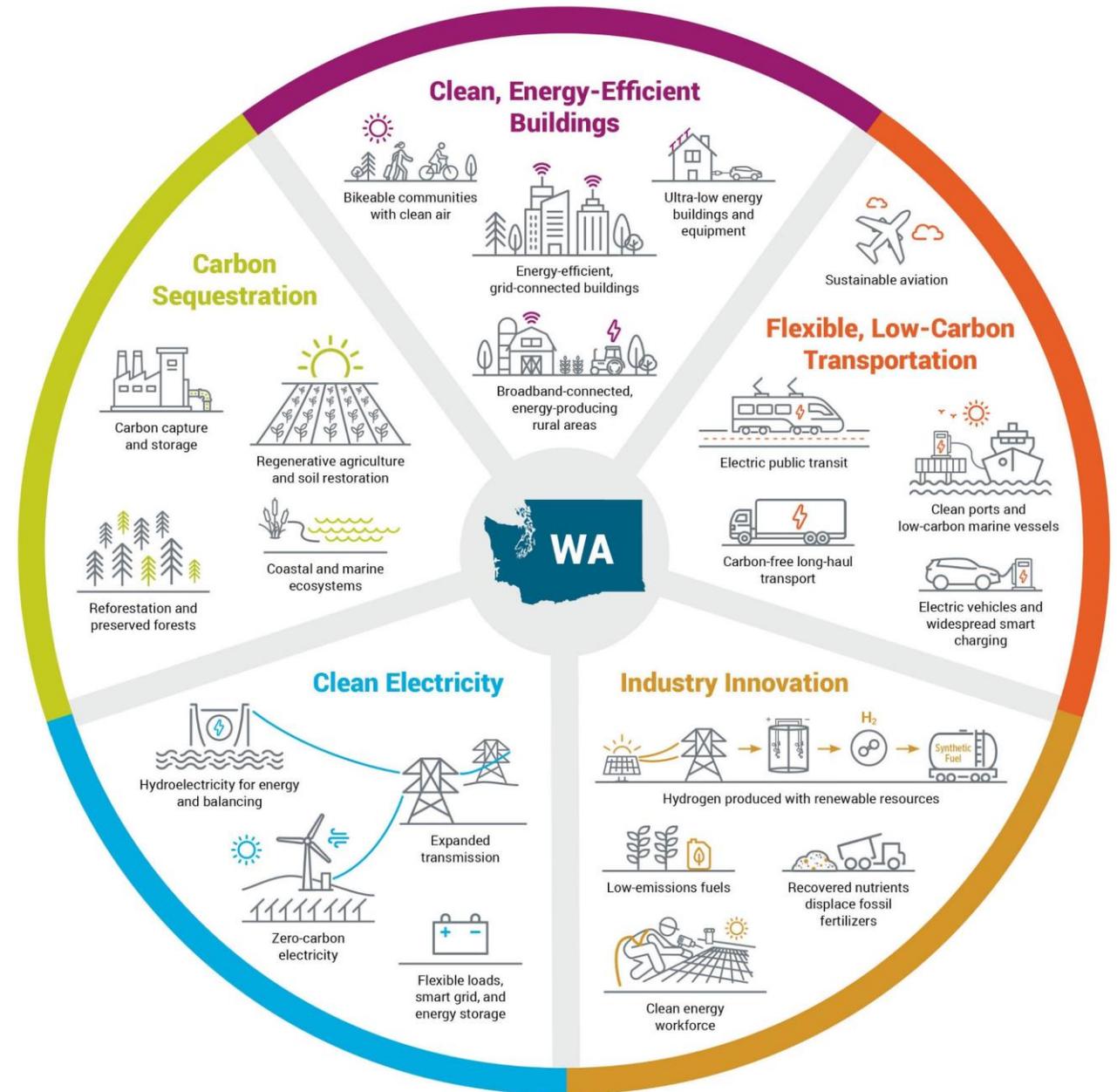
Meeting State Emissions Reduction Limits



WASHINGTON STATE 2050

Net-Zero Vision

A blueprint for how we can meet our state's climate goals to nearly eliminate the use of climate-threatening fossil fuels by 2050, while growing a prosperous economy and maintaining affordable and reliable energy supplies.



Approach to Equity

PROCEDURAL

- Create processes that are transparent, fair and inclusive in developing and implementing any program, plan or policy
- Ensure that all people are treated openly and fairly
- Increase the civic engagement opportunities of communities that are disproportionately impacted by climate change

DISTRIBUTIONAL

- Fairly distribute resources, benefits and burdens
- Prioritize resources for communities that experience the greatest inequities, disproportionate impacts and have the greatest unmet needs

STRUCTURAL

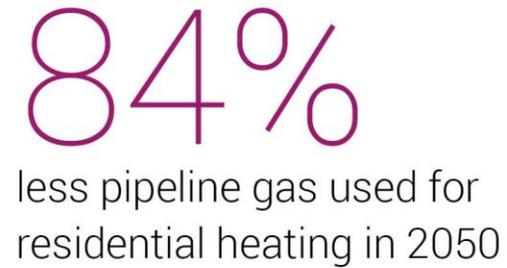
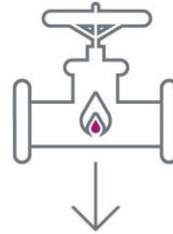
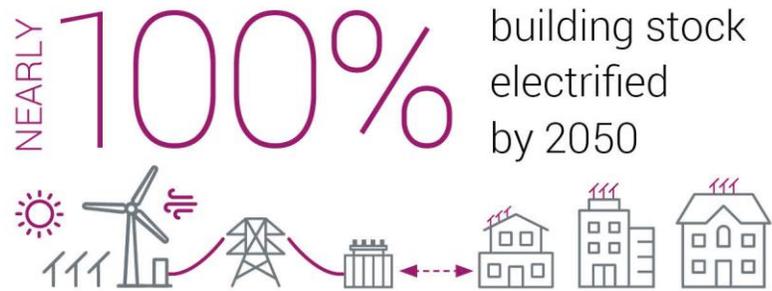
- Make a commitment to correct past harms and prevent future unintended consequences
 - Address the underlying structural and institutional systems that are the root causes of social and racial inequities
-

Clean Electricity Fueling High-Efficiency Buildings

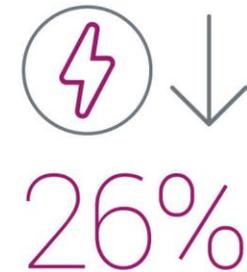
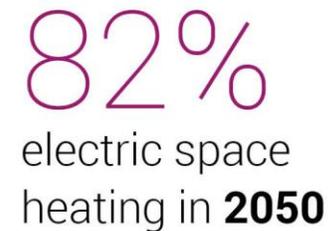
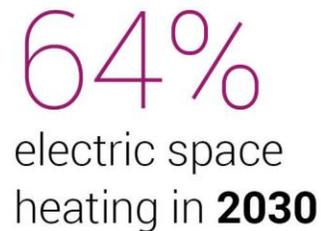
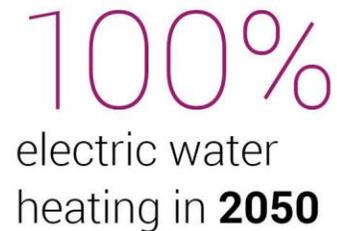
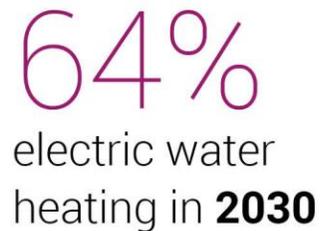


- Shift from fossil fuels to electricity to power commercial and residential buildings
- Accelerate the path to zero-energy buildings
- Weatherize and retrofit existing building stock
- Reform existing programs, codes, and standards

Clean Buildings



ENERGY EFFICIENCY reduces building energy load by 26% in 2050



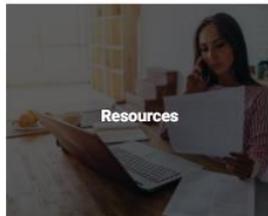
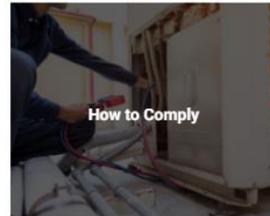
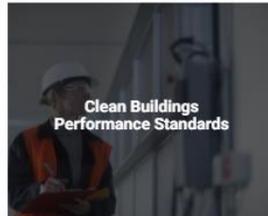
WA State Clean Buildings Law



Serving Communities Building Infrastructure Growing the Economy Promoting Washington

Clean Buildings

On May 7, 2019 the Clean Buildings bill (HB 1257, 2019) was signed into law. The objective is to lower costs and pollution from fossil fuel consumption in the state's existing buildings, especially large commercial buildings. The law requires the Washington State Department of Commerce to develop and implement an energy performance standard for these buildings and provide incentives to encourage efficiency improvements. Click here (link to subpage) to see if your building applies.



- Performance Standard for existing large buildings
- Early adopter incentive program
- Customer support
- Mandatory compliance
- www.commerce.wa.gov/buildings

Thank you!

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