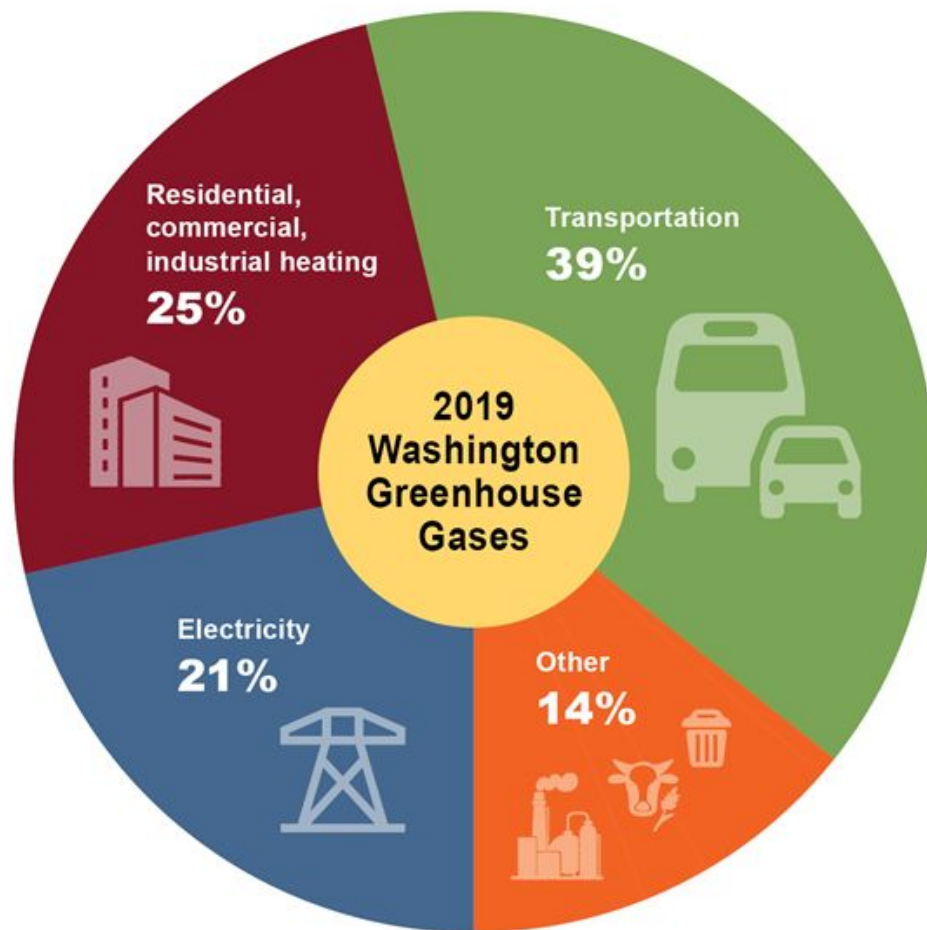


Path to Decarbonization: Washington State's Transition to 100% Renewable Energy

Annalise Stein



2022 Policy Rollout

CLIMATE



Decarbonize the building sector.



Successfully implement the Climate Commitment Act.



Invest more in clean transportation.



Build the clean energy future here in Washington.

Clean Energy Transition Act (CETA) - 2019

- By 2025, all electric utilities serving Washington State customers are required to eliminate coal-fired generation.
- By 2030, all electric utilities must be greenhouse gas neutral.
- By 2045, all electric utilities are required to generate one hundred percent of their power from renewable or zero-carbon resources.



2025
NO COAL
STANDARD

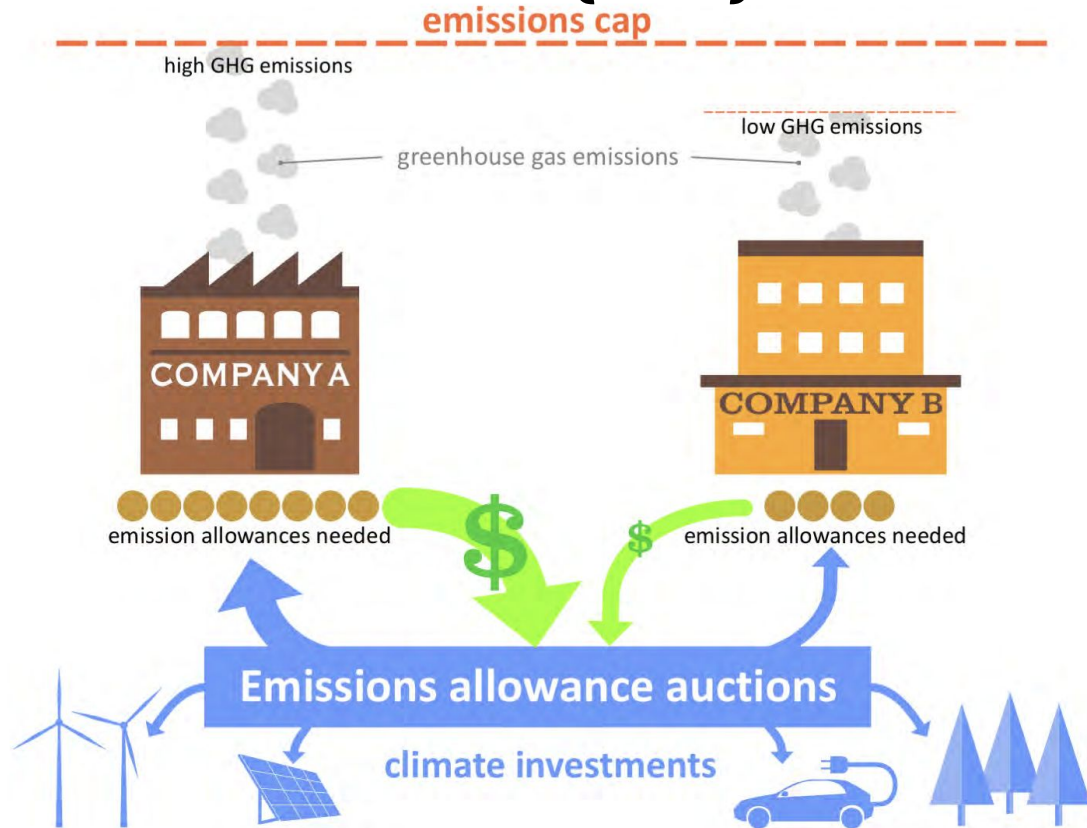


2030
GHG NEUTRAL
STANDARD



2045
100% CLEAN
STANDARD

Climate Commitment Act (CCA) - 2021

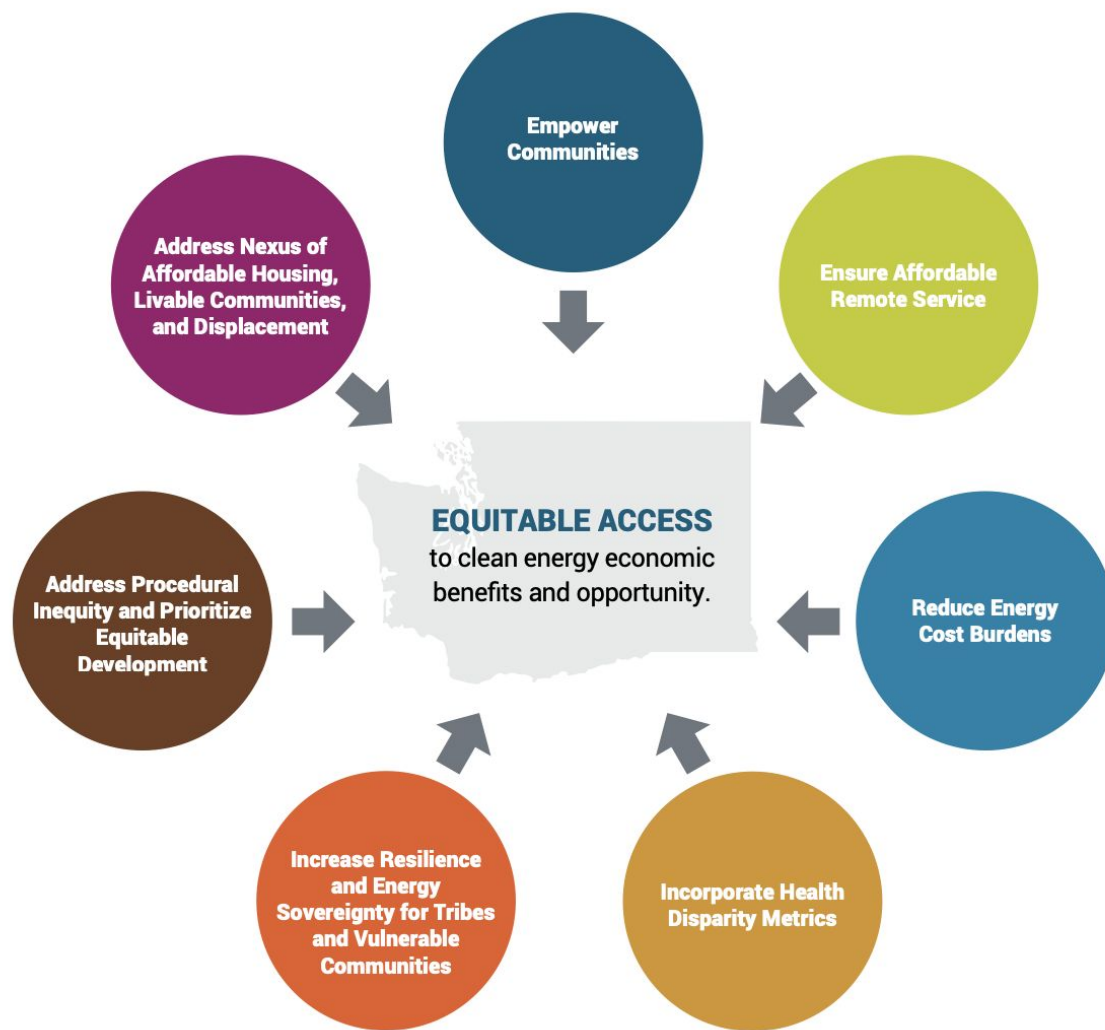


2021 Washington State Energy Strategy

- 45% reduction in emissions below 1990 emission levels by 2030
- 70% reduction in emissions below 1990 levels by 2040
- 95% reduction in emissions below 1990 levels in addition to net zero emissions by 2050

Emphasis on overburdened populations, low-income communities, and Indigenous communities in the state

Healthy Environment For All (HEAL) Act - 2021



Clean Energy

- Wind and solar
 - Replacing coal and natural gas
 - Washington is a leading state in wind energy production
 - 2,000 wind turbines installed across the state
- Energy efficiency
 - Consumers and utilities
 - Incentives to upgrade to energy-efficient appliances
- Hydro
 - Snake River Dams

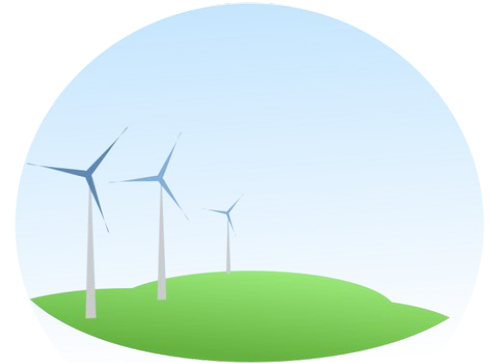
Clean Energy

- Transportation efforts
 - Encourage use and adoption of EVs through tax incentives
 - All new passenger vehicles sold in Washington will be electric by 2030
 - Increase in charging stations
 - Fuel standard
 - General Motors, among others, will only sell zero-emission vehicles by 2035



Recommendations for Washington State

- Increased public transportation
 - Expand lightrail
- Provide subsidies for EVs
 - California
- Increase offshore wind, solar, and marine renewable energy



How Can You Support Washington's Transition to Clean Energy?

- Energy Efficient Appliances
- Electric Vehicles (EVs)
- Be informed and advocate for policies that support and promote clean energy
 - Support legislation to be passed and implemented
 - Advocate for policies and projects using clean energy
 - Support agencies working on these
 - Tax incentives
 - Requirements for utilities to use more renewable energy