

US Green Economy Report Series

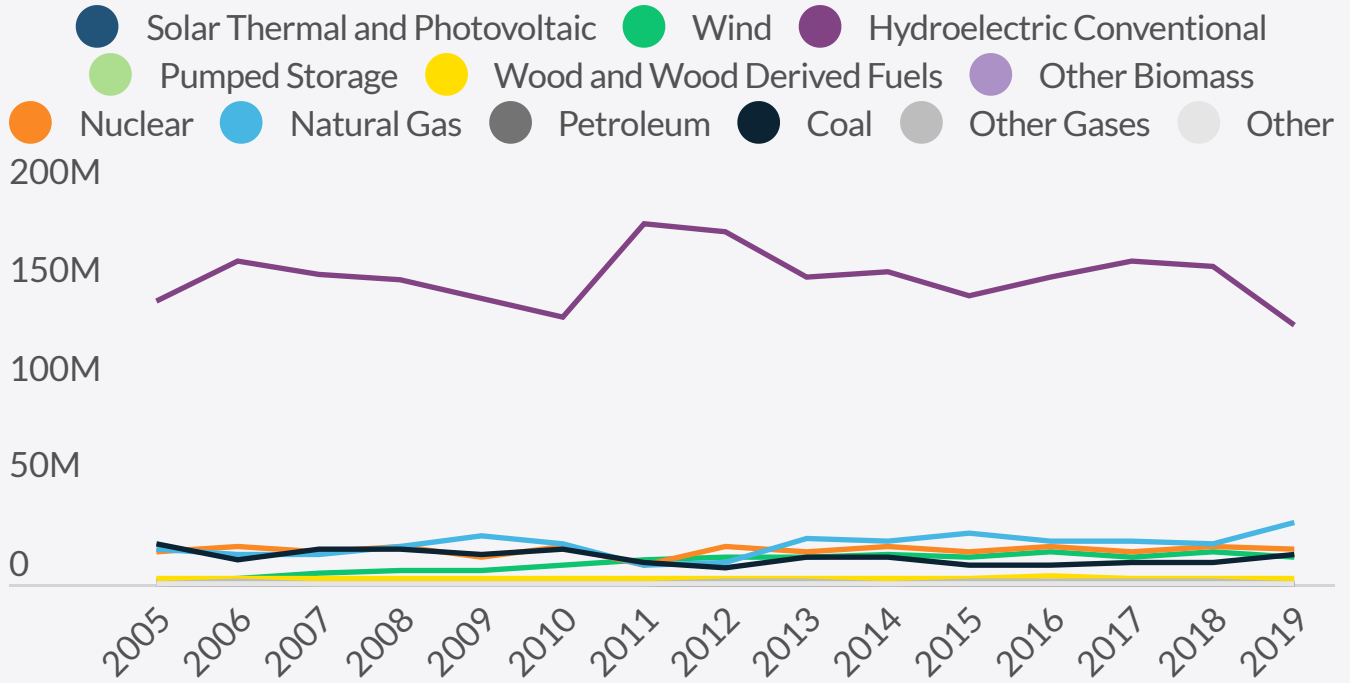
Case Study - Washington

Washington Governor Jay Inslee is considered one of the most ambitious climate leaders in the country; under his leadership, Washington will likely continue to build on its major climate initiatives. Washington State, also a part of the US Climate Alliance, is the founding member of the Pacific Coast Collaborative, which coordinates western North American states and cities to enhance coordination between stakeholders to reduce emissions and build a low-carbon economy. The state's renewable energy standard, established in May 2019, mandates that the electricity sector be 100 percent carbon neutral by 2030 and zero emissions by 2045. Washington is one of the top three states in renewable electricity generation as a result of its dominance in hydropower, which accounts for more than 60 percent of the state's total electricity generation. In 2019, Washington's hydroelectricity generation made up almost a quarter of the country's total.

NEAR-TERM OPPORTUNITIES: STATE OUTLOOK BY TECHNOLOGY

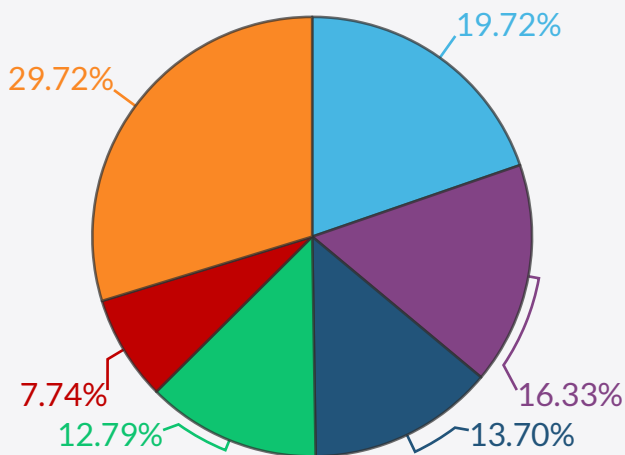
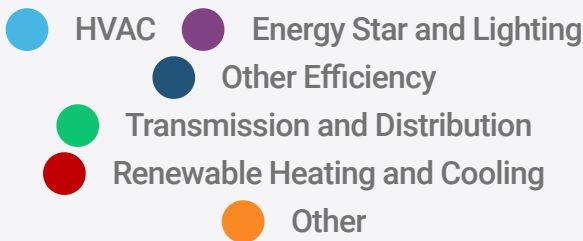
Technology	Overview	Outlook
Offshore Wind	Washington has high-resource potential but deep waters and local community concerns.	
Green Consultancy	Washington has 3,130 environmental consultants and will grow with the state's potential renewable energy outlook.	
Electric Vehicles	Washington is ranked 6th according to the ACEEE EV Scorecard and the state is expected to quickly fund expansion.	
Energy Efficiency	Washington ranks 11th nationally on ACEEE's 2020 State Energy Efficiency Scorecard and has over 70 financial incentives.	
Grid Modernisation	Washington ranks 22nd nationally in the 2018 Grid Modernization Index and has moderate policy support for growth.	
Energy Storage	Washington has 320.2 MW of storage and has demonstrated some effort to stimulate growth.	
Waste To Energy	Washington ranks 22nd nationally for biogas production potential and should experience average growth.	
Hydrogen	Washington has eleven policies and incentives for Hydrogen but it still lags other states.	
CCUS	Washington has no incentives for CCUS and but has signalled ambition to provide support.	

ELECTRICITY GENERATION BY SOURCE IN MW (EIA)



CLEAN ENERGY JOBS

Top Five Sectors (2019)



2021 - 2025 JOBS PROJECTIONS

Full-Time Employee (FTE) Adds



5,872-12,950

Energy Efficiency FTEs Added



1,427

Energy Storage FTEs Added



1,911

Clean Vehicles FTEs Added

100,744 clean energy jobs (2019), **1.62%** of total state jobs