









# US Green Economy Report Series

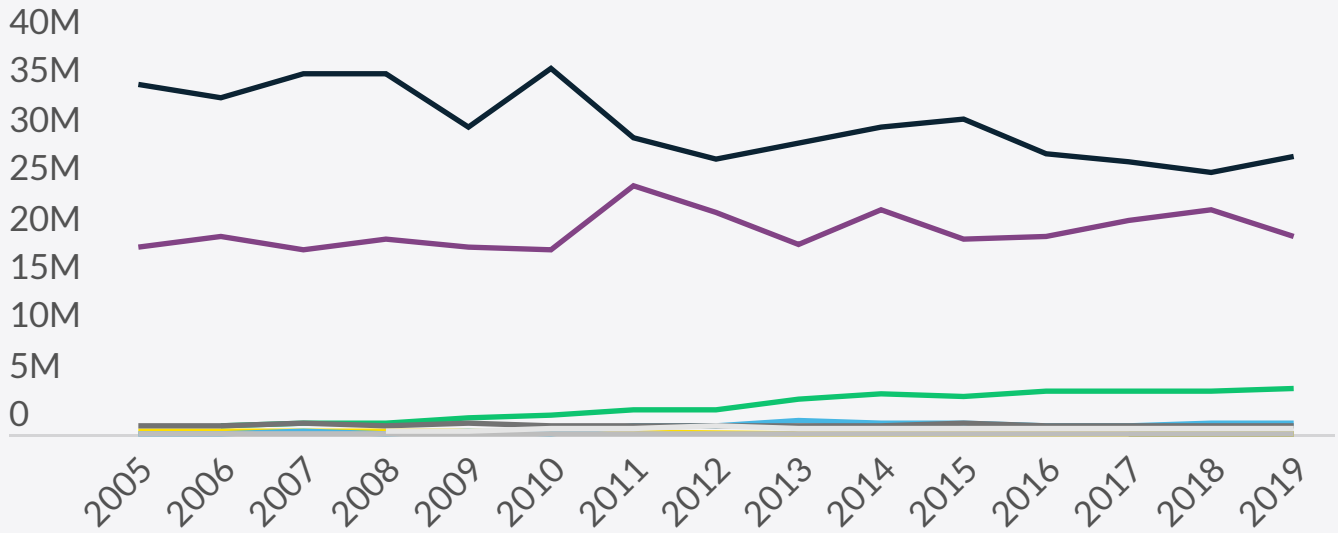
## Case Study - Montana

Montana has significantly increased its climate ambitions in recent years and has successfully integrated renewables into its electricity sector. In 2019, Steve Bullock, the former Democratic governor, signed an executive order to reach net-zero emissions by 2050. The Order established a council to develop a blueprint for the state to meet its goal of net-zero emissions for electricity loads by 2035 and economy-wide net-zero emissions by mid-century. Installed solar use is expected to increase from the current level of 69 MW to over 500 MW in the next five years, and hydroelectric power already makes up more than a third of the state's power generation. However, coal is the largest source of generation in the state, accounting for 5 percent of the country's total, and large volumes of natural gas from Canada are imported through Montana. In addition, Republican Governor Greg Gianforte took office in January and the state's legislature is run by Republicans. Reliance on the fossil fuel industry--coupled with the state's conservative-leaning politics--may limit climate ambition.

### NEAR-TERM OPPORTUNITIES: STATE OUTLOOK BY TECHNOLOGY

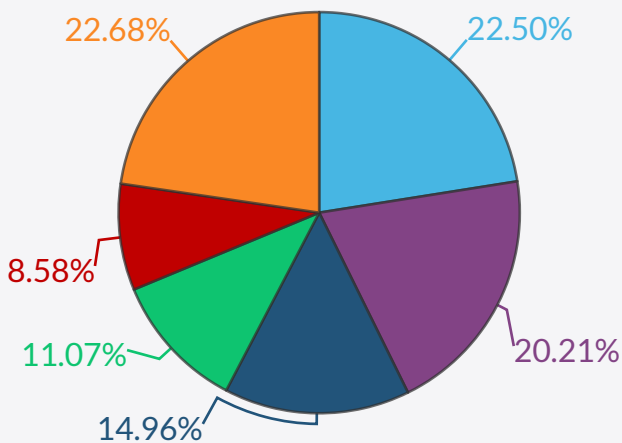
Technology	Overview	Outlook
Green Consultancy	Montana has moderate policies to support clean energy but high resource potential to support green consultants.	
Electric Vehicles	Montana is unranked according to the ACEEE EV Scorecard, indicating low level of progress	
Energy Efficiency	Montana has limited policies supporting the energy efficiency sector and lacks development programmes like other states.	
Grid Modernisation	Montana ranks second to last in the 2018 Grid Modernization Index and does not focus on grid modernisation in its energy plan.	
Energy Storage	Montana has no energy storage and has demonstrated limited effort to stimulate growth.	
Waste To Energy	Montana is ranked 45th for biogas production potential but it has tax incentives to incentivise the use of alternative fuels.	
Hydrogen	Montana is attracting new developments for hydrogen production facilities without incentives.	
CCUS	The state legislature is considering a bill to add state tax incentives for CCUS projects but currently has no projects.	

## ELECTRICITY GENERATION BY SOURCE IN MW (EIA)



## CLEAN ENERGY JOBS

### Top Five Sectors (2019)



**15,778** clean energy jobs (2019), **3.27%** of total state jobs

## 2021 - 2025 JOBS PROJECTIONS

### Full-Time Employee (FTE) Adds



**1,348-6,239**

Energy Efficiency FTEs Added



**2,539-6,898**

Energy Storage FTEs Added



**361**

Clean Vehicles FTEs Added