

# US Green Economy Report Series

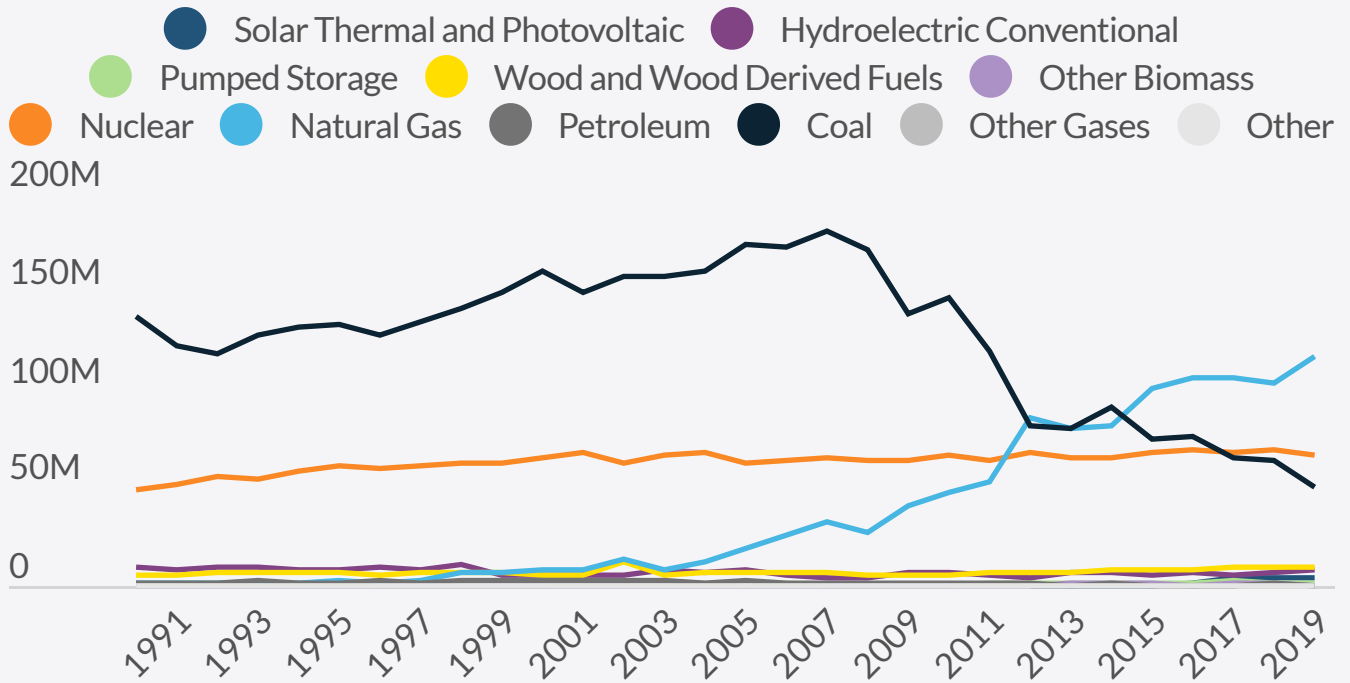
## Case Study - Georgia

Georgia does not currently have any state-wide renewable portfolio goals or emissions-reduction targets. The state's Republican Governor and State Legislature have not prioritised climate action and decarbonising the state's economy. Cities, however, have taken their own steps. Atlanta aims for 100 percent clean energy by 2035. Savannah plans to reach 30 percent clean energy by 2025, 50 percent by 2030 and 100 percent by 2050. Public-private partnerships, such as The Georgia Climate Project (whose members include state universities), are also key actors pushing the state to increase its climate ambition. Despite the political dynamic in the Republican-led state government, Georgia's geography may lead lawmakers to begin prioritising climate legislation. Hurricanes, floods and coastal erosion threaten Georgia and its 100 miles of coastline, and a number of bills have been introduced with a focus on conservation and adaptation. However, targets to reduce fossil fuel use or a comprehensive plan to tackle climate change are not likely for the foreseeable future.

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

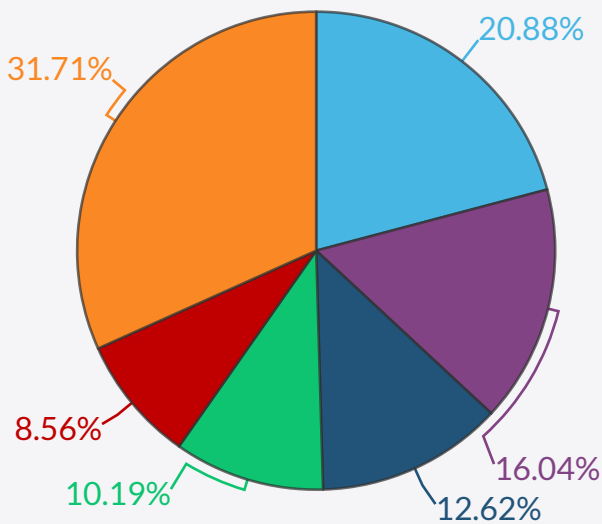
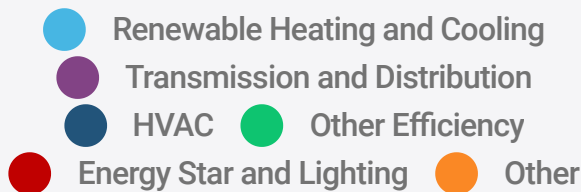
Technology	Overview	Outlook
Offshore Wind	Offshore wind in Georgia is impeded by technical and regulatory constraints.	
Green Consultancy	Georgia has 1,190 environmental consultants and should see moderate growth in with the state's renewable energy potential.	
Electric Vehicles	Georgia is ranked 27th nationally according to the ACEEE EV Scorecard and potential private-sector interest to grow the sector.	
Energy Efficiency	Georgia is ranked 42nd nationally on ACEEE's 2020 State Energy Efficiency Scorecard and lacks strong policies to grow the sector.	
Grid Modernisation	Georgia ranks joint-11th nationally in the 2018 Grid Modernization Index but has mixed policy and investment support.	
Energy Storage	Georgia has over 2.8MW of energy storage but no targets or incentives for the sector.	
Waste To Energy	Georgia ranks 4th nationally for biogas production potential and ranks second in biomass generation.	
Hydrogen	Georgia's hydrogen initiatives are not extensive, and this sector has not been a priority for the state.	
CCUS	There are no state-level policy incentives or projects but limited near-term growth.	

# ELECTRICITY GENERATION BY SOURCE IN MW (EIA)



## CLEAN ENERGY JOBS

### Top Five Sectors (2019)



## 2021 - 2025 JOBS PROJECTIONS

### Full-Time Employee (FTE) Adds



8,726-19,560

Energy Efficiency FTEs Added



902-2,450

Energy Storage FTEs Added



4,654

Clean Vehicles FTEs Added

**104,848** clean energy jobs (2019), **2.33%** of total state jobs