

# US Green Economy Report Series

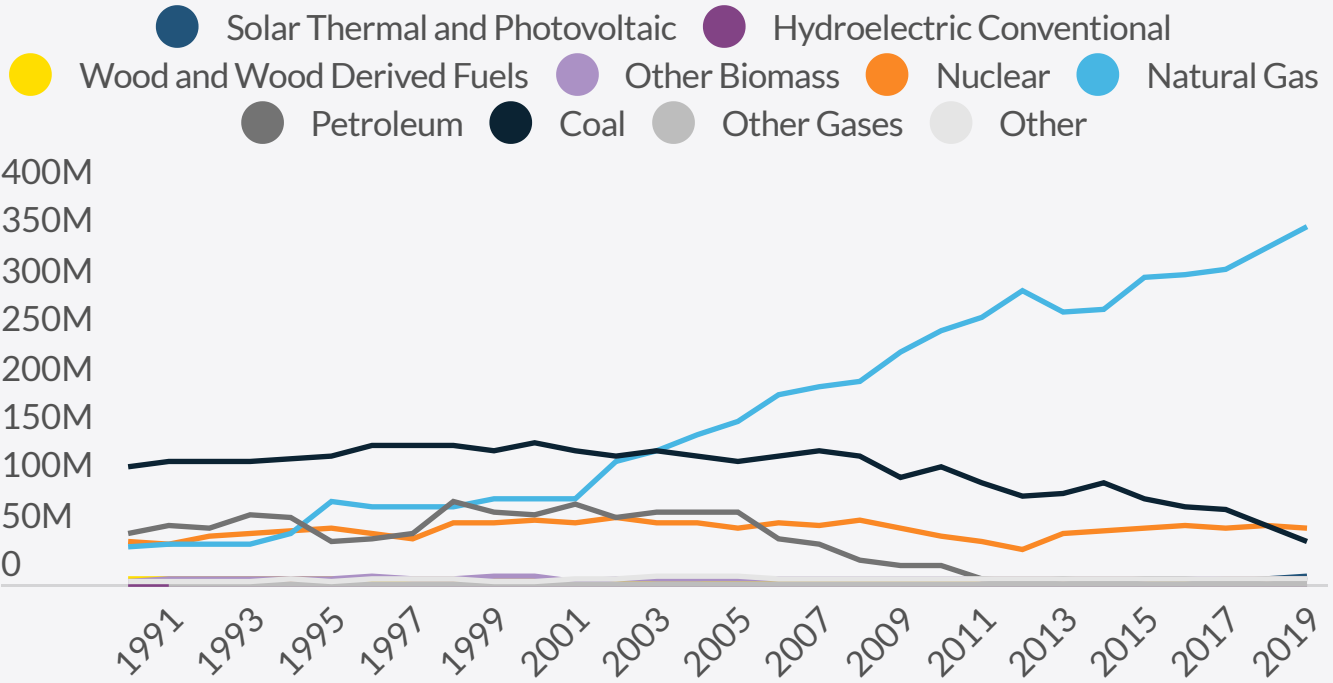
## Case Study - Florida

Florida has recently taken steps to address climate change, with the focus on resilience and adaptation rather than integration of renewable energy sources and cutting emissions. The state, which does not have renewable energy goals or an emissions-reduction target, has been hit hard by climate change threats, including coastal erosion and natural disasters. The state's climate-related measures have focused on building resilient infrastructure and implementing nature-based solutions. With the legislature controlled by Republicans, the state will likely continue to address climate change through resilience and adaptation more so than through long-term targets that reduce the production and consumption of fossil fuels. However, Florida cities and companies are increasingly driving climate initiatives. For instance, Miami is targeting carbon neutrality by 2050, and Orlando has implemented a wide range of sustainability programmes that encourage conservation and renewable integration in order to cut emissions by 90 percent versus 2007 levels by 2040.

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

Technology	Overview	Outlook
Offshore Wind	Florida is impeded by technical and economic constraints and slow wind speeds, but it has high-resource potential.	
Green Consultancy	In Florida, there are currently 5,240 environmental consultants employed.	
Electric Vehicles	Florida ranks 22nd nationally on the ACEEE EV Scorecard but cities and states offer incentives for EVs.	
Energy Efficiency	Florida ranks 27th nationally on ACEEE's 2020 State Energy Efficiency Scorecard and has modest policies to support the sector.	
Grid Modernisation	Florida ranks joint-29th nationally in the 2018 Grid Modernization Index and should see modest growth.	
Energy Storage	Florida has three storage projects but no targets or incentives for storage.	
Waste To Energy	Florida is ranked 13th for biogas production potential and accounts for 8 percent of the country's biomass-fueled electricity	
Hydrogen	Florida has limited hydrogen initiatives but a \$65 million pilot project will come online in 2023.	
CCUS	There are no major CCUS policies, incentives or projects in the state.	

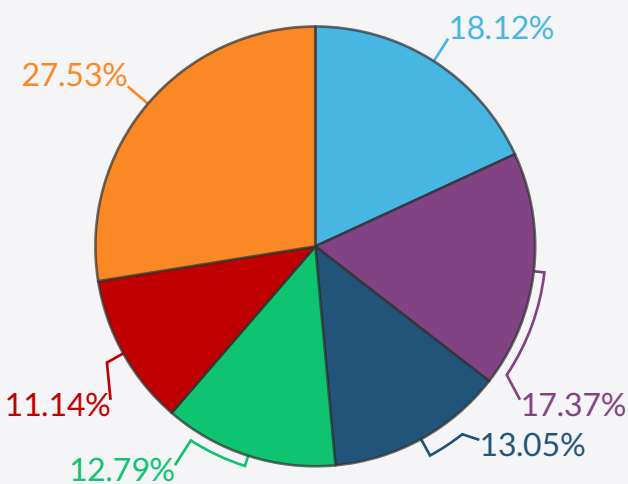
# ELECTRICITY GENERATION BY SOURCE IN MW (EIA)



## CLEAN ENERGY JOBS

### Top Five Sectors (2019)

- Energy Star and Lighting (Light Blue)
- Advanced Materials (Purple)
- Transmission and Distribution (Dark Blue)
- Renewable Heating and Cooling (Green)
- HVAC (Red)
- Other (Orange)



## 2021 - 2025 JOBS PROJECTIONS

### Full-Time Employee (FTE) Adds



29,586-36,989

Energy Efficiency FTEs Added



4,526-7,566

Energy Storage FTEs Added



6,096

Clean Vehicles FTEs Added

**184,813** clean energy jobs (2019), **2.12%** of total state jobs