

**A non-profit organization  
working to make solar a  
mainstream energy resource  
across the U.S.**

**We bring technical expertise,  
public engagement and  
policymaker support to drive  
common sense solar policy at  
the state level.**



**VOTE SOLAR**

# 5 questions the Commission should ask as it reviews the 2021 site plans

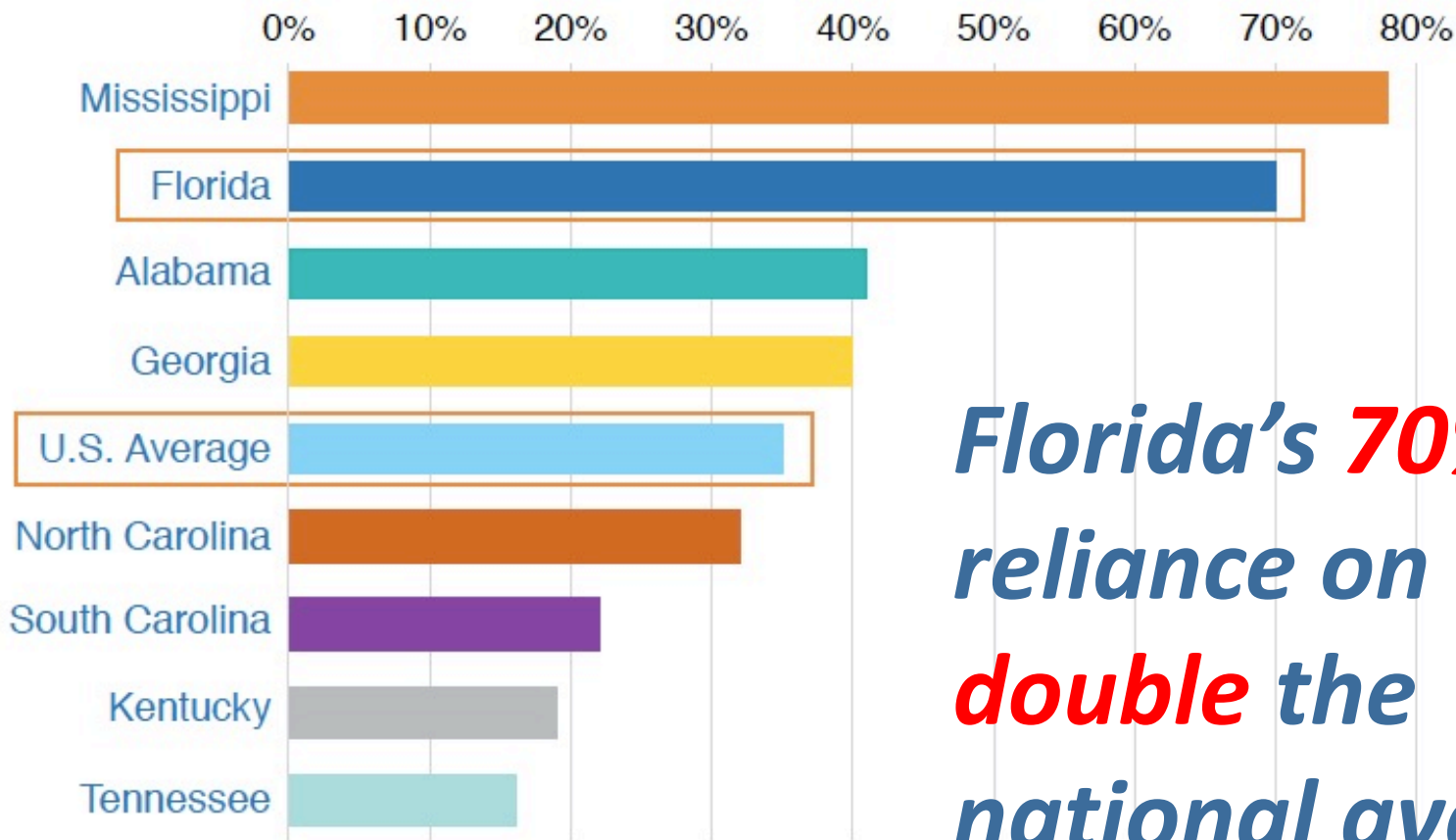


- 1: How will utilities address gas over-dependence?
- 2: How does Florida stack up on clean energy?
- 3: Are utilities preparing for a carbon-constrained world?
- 4: Are utilities protecting their most vulnerable customers?
- 5: How can Florida modernize its resource planning?

## Southeast States – Gas as a Share of Electricity Generation, 2018

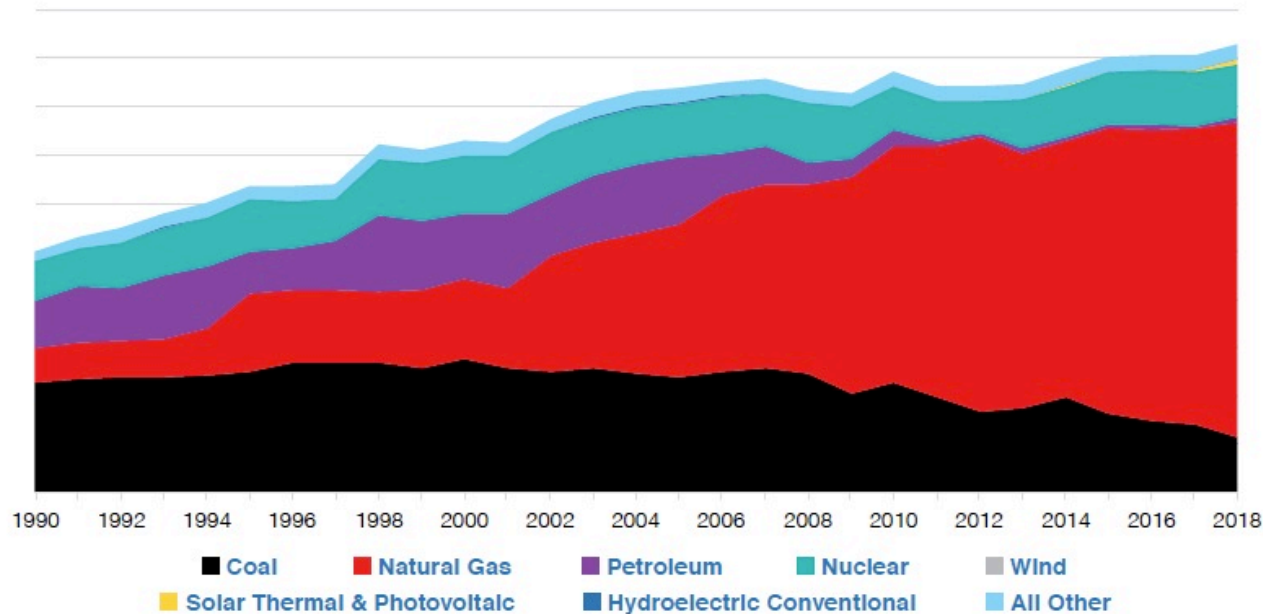


VOTE SOLAR



*Florida's 70%  
reliance on gas is  
double the  
national average*

## Florida's Total Electricity Generation Mix Since 1990, by Fuel



Source: Vote Solar analysis of 2019 U.S. Energy Information Administration Data



VOTE SOLAR

For every **FOUR DOLLARS** that Floridians pay their electric companies,

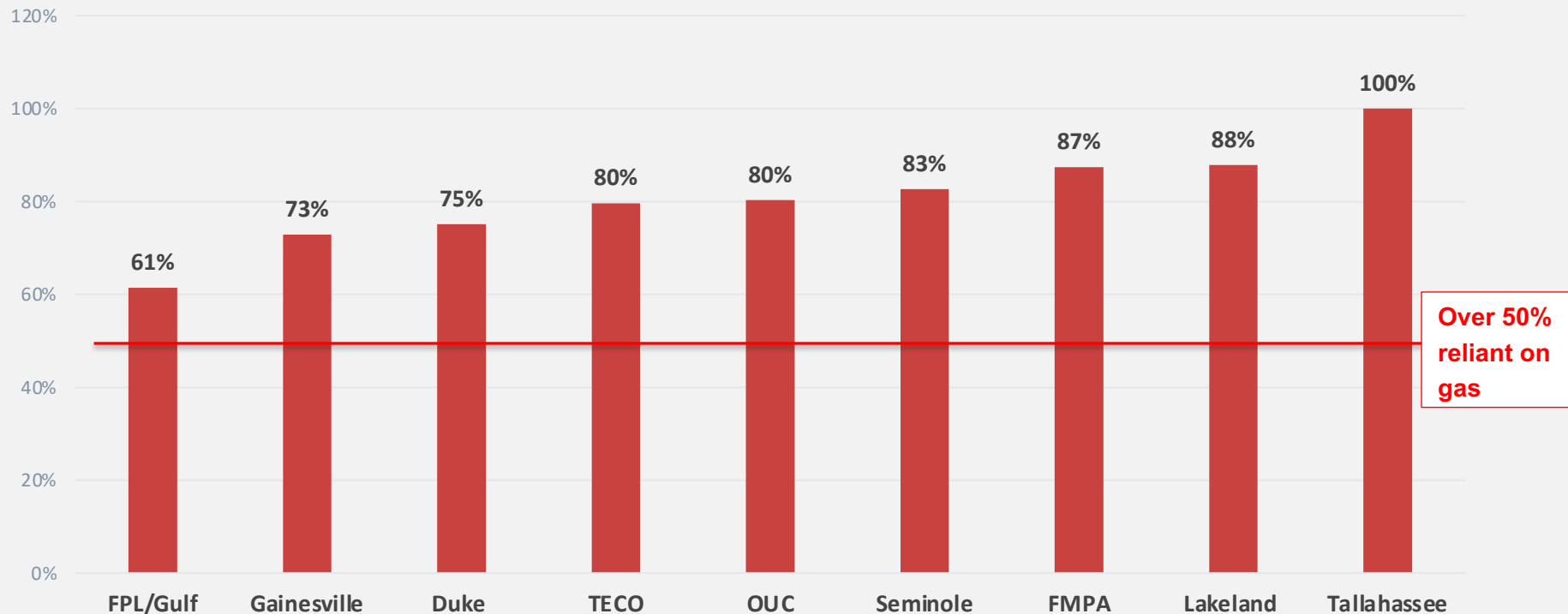


at least **ONE** of those dollars **IMMEDIATELY LEAVES FLORIDA** to pay for out-of-state gas. Every year, those fuel payments add up to **\$5 billion** leaving the state's economy.

# Utilities' Percent of Energy from Natural Gas (2030)



VOTE SOLAR

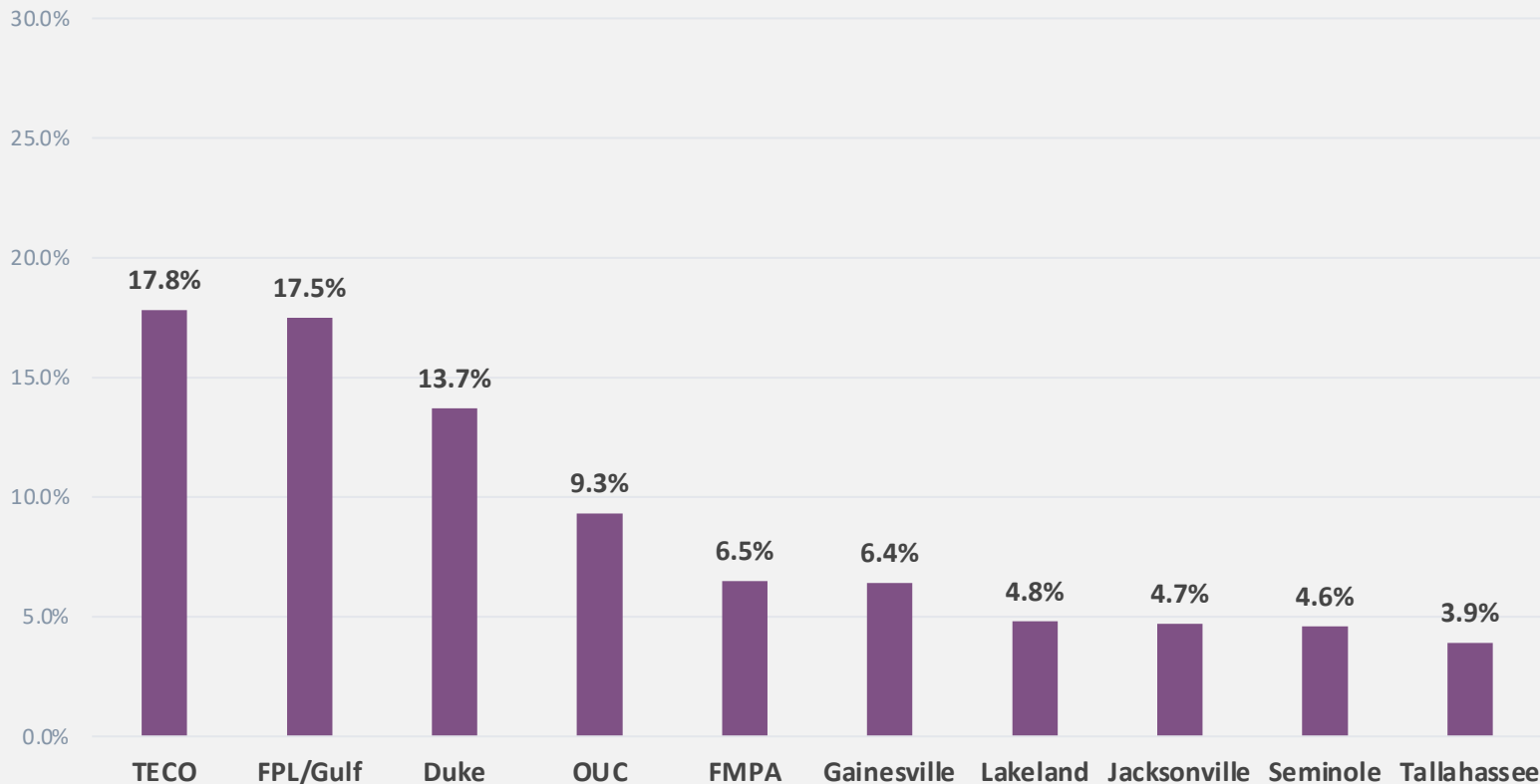


## 2: How does FL stack up on clean energy?



VOTE SOLAR

### Percent of Energy from Solar (2030)



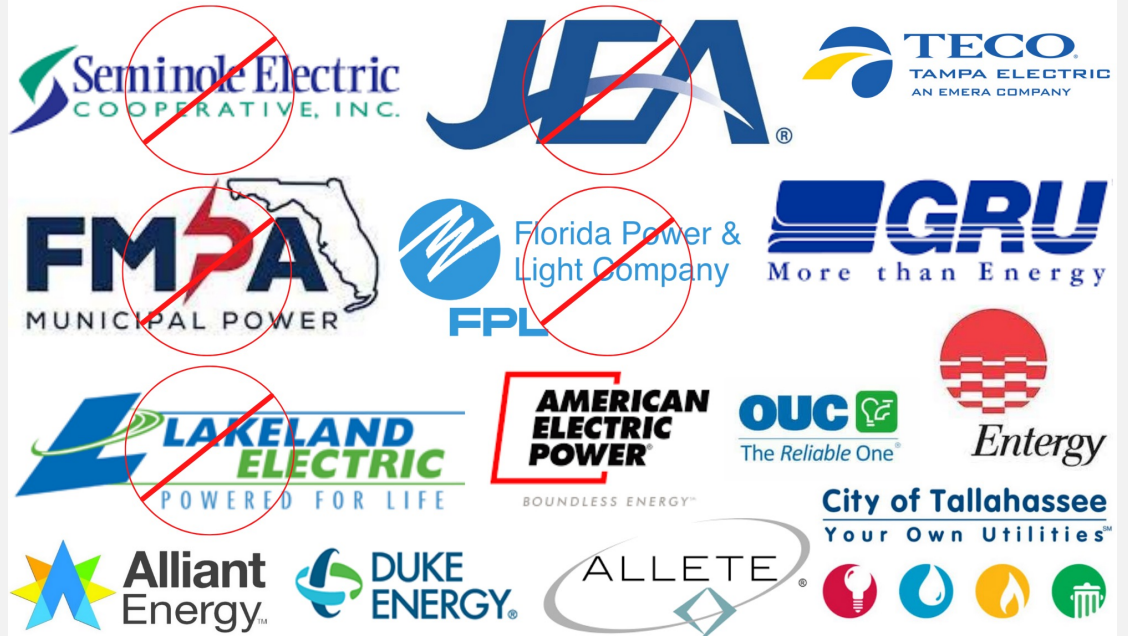
# 3: Are utilities ready for a carbon constrained world?



VOTE SOLAR

## Committed to zero-carbon by 2050

- » Utilities should assume a carbon price in planning
- » Give customers options to meet clean energy goals and attract global corporations
- » Explore battery storage paired with solar
- » **Red flags: failure to plan for 100% carbon free; continued reliance on coal energy**





VOTE SOLAR

78 COMPANIES

69 MILLION MWH OF DEMAND FOR RENEWABLE ENERGY

\$7.8 TRILLION IN MARKET CAP



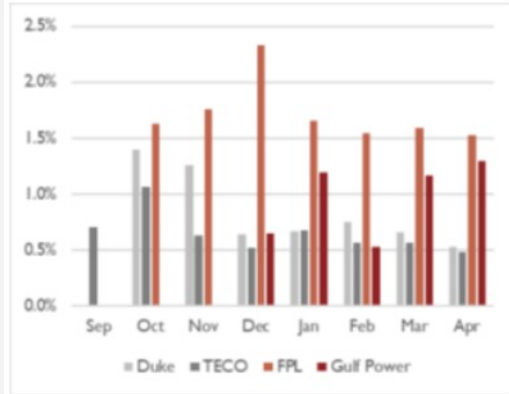


# 4: Are utilities protecting vulnerable ratepayers?

- Historic under-investment in DSM
- Opportunity to create bill stability during COVID by pairing DSM with arrearage management

# Florida Disconnections During COVID-19

Many Florida utilities resumed disconnections long before the economic effects of the pandemic became less severe, leading to very high disconnection rates.



Of a group of 18 peer utilities, Florida's four largest utilities resumed disconnections faster than all but one other utility.

Even before the pandemic, energy burden was a serious issue:



20% of households reduced or forwent necessities to pay their energy bills



11% of households kept their house at an unhealthy or unsafe temperature

Aggressive disconnection rates even worsened the spread of COVID: a nationwide disconnection moratorium from the start of the pandemic would have reduced infection rates by 8.7% and deaths by 14.8%.



VOTE SOLAR

# 5: How can FL modernize its resource planning?



VOTE SOLAR

- » Distinct docket with clear opportunity and timeline for public comments
- » Require utilities to file both preferred plans and alternatives, with clear price comparisons
- » Include PSC recommendations for next year's filings



VOTE SOLAR

**Katie Chiles Ottenweller**  
**[katie@votesolar.org](mailto:katie@votesolar.org)**