

**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.**



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6 questions the Commission should ask as it reviews the 2020 site plans

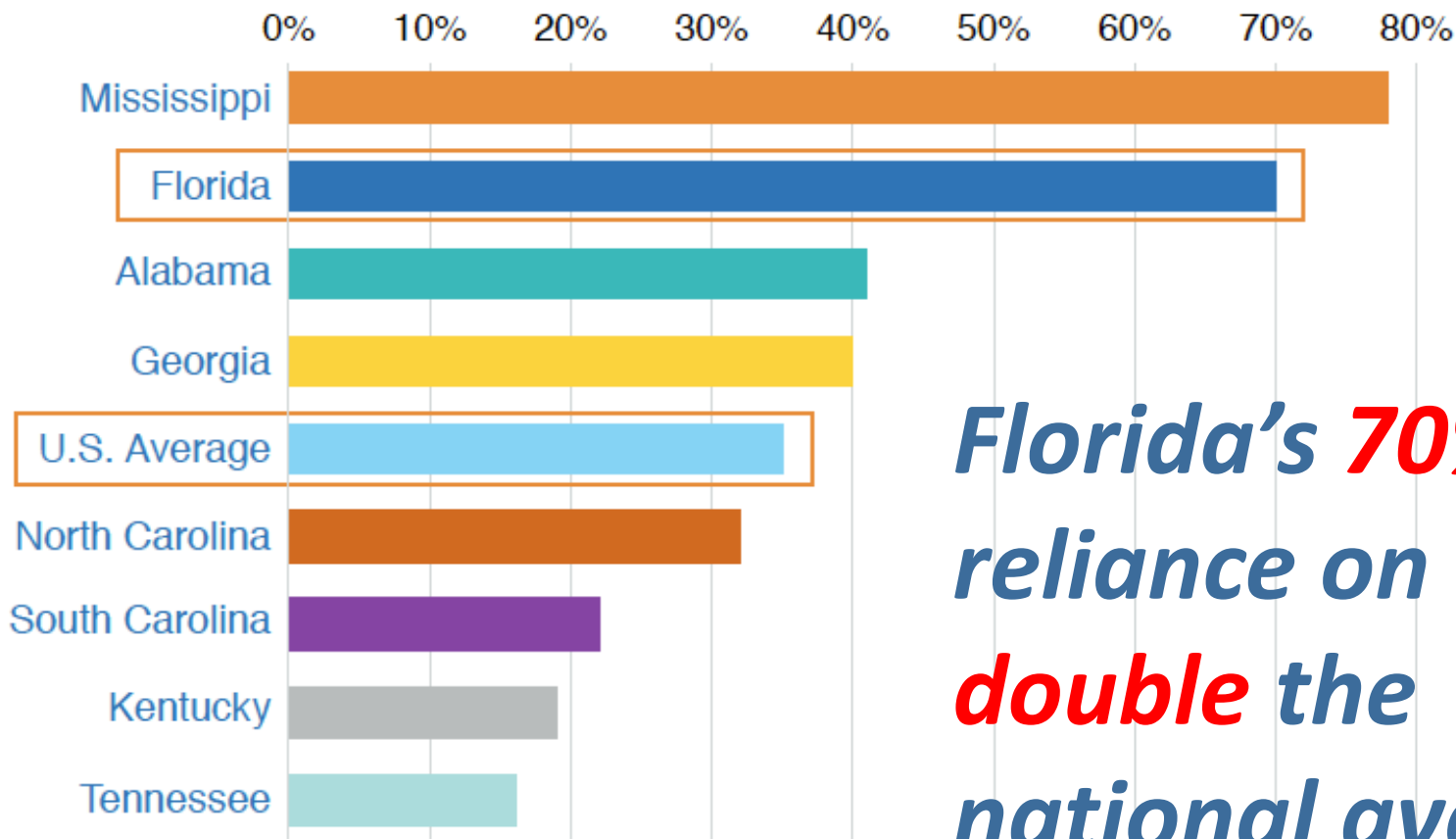


- 1: How will utilities address gas over-dependence?
- 2: When and how will proposed new investments be reviewed?
- 3: How can Florida modernize its resource planning?
- 4: How does Florida stack up on clean energy?
- 5: Are utilities preparing for a carbon-constrained world?
- 6: Are utilities protecting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

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

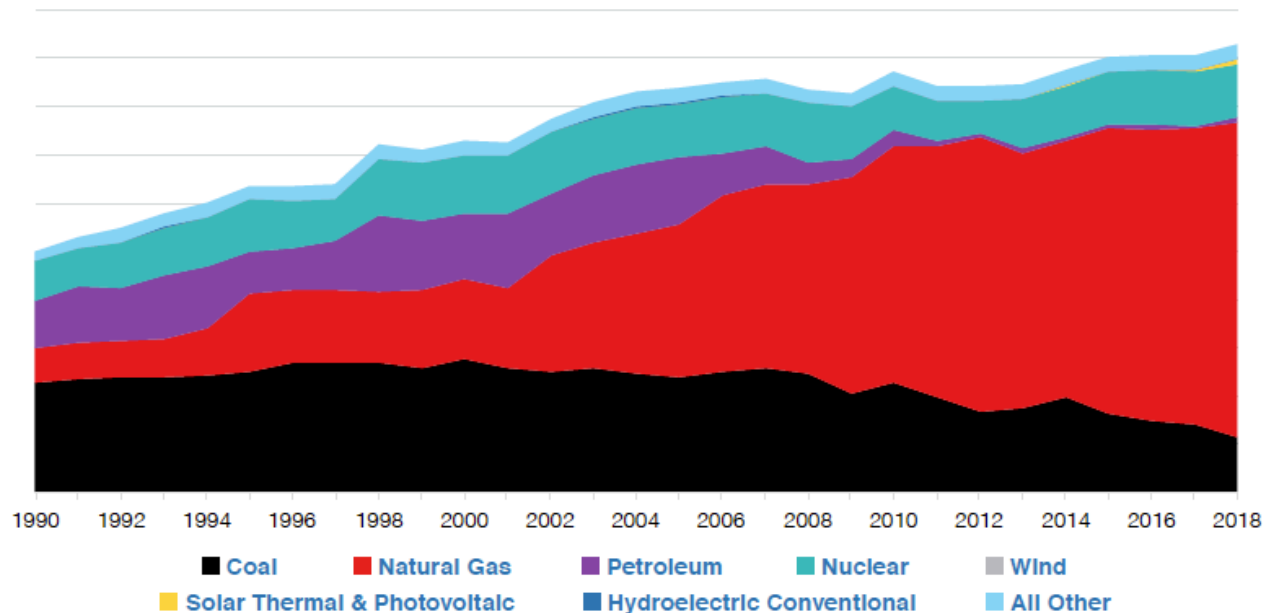


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*Florida's 70%
reliance on gas is
double the
national average*

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



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



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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.

2: When and how will new investments be reviewed?



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Most of utilities' proposed gas investments aren't subject to Power Plant Siting Act review – meaning they can be constructed BEFORE PSC review

- » FPL: 800 MW combined cycle upgrades
- » Gulf Power: 938 MW new combustion turbines
- » Duke: 492 MW new combustion turbines
- » Estimated capital cost: **\$1.63 billion dollars**

3: How can FL modernize its resource planning?



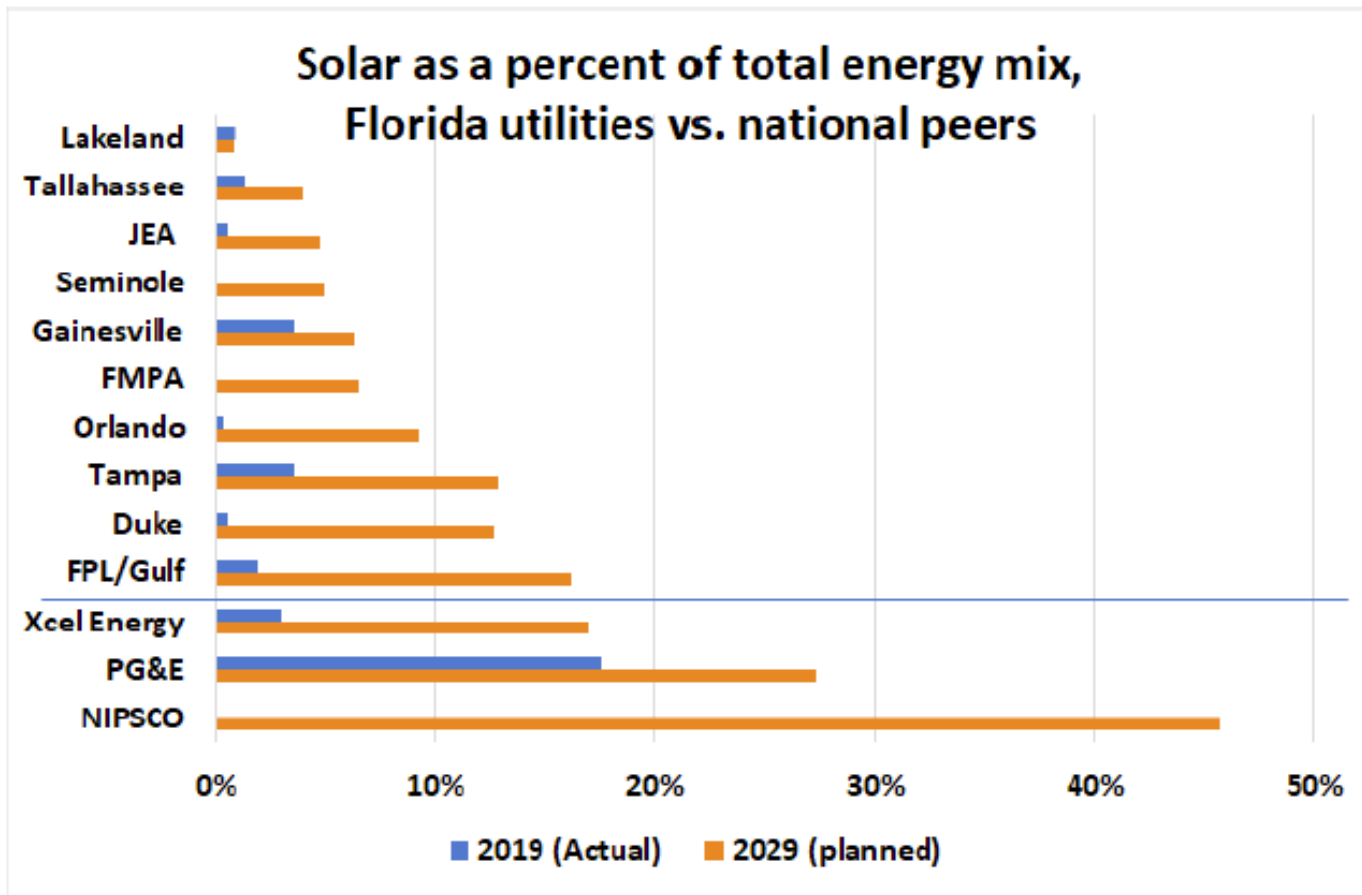
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- » Distinct docket with clear opportunity and timeline for public comments
- » Require utilities to file both preferred plans and alternatives beginning next year, with clear price comparisons
- » Include recommendations for next year's filings

4: How does FL stack up on clean energy?



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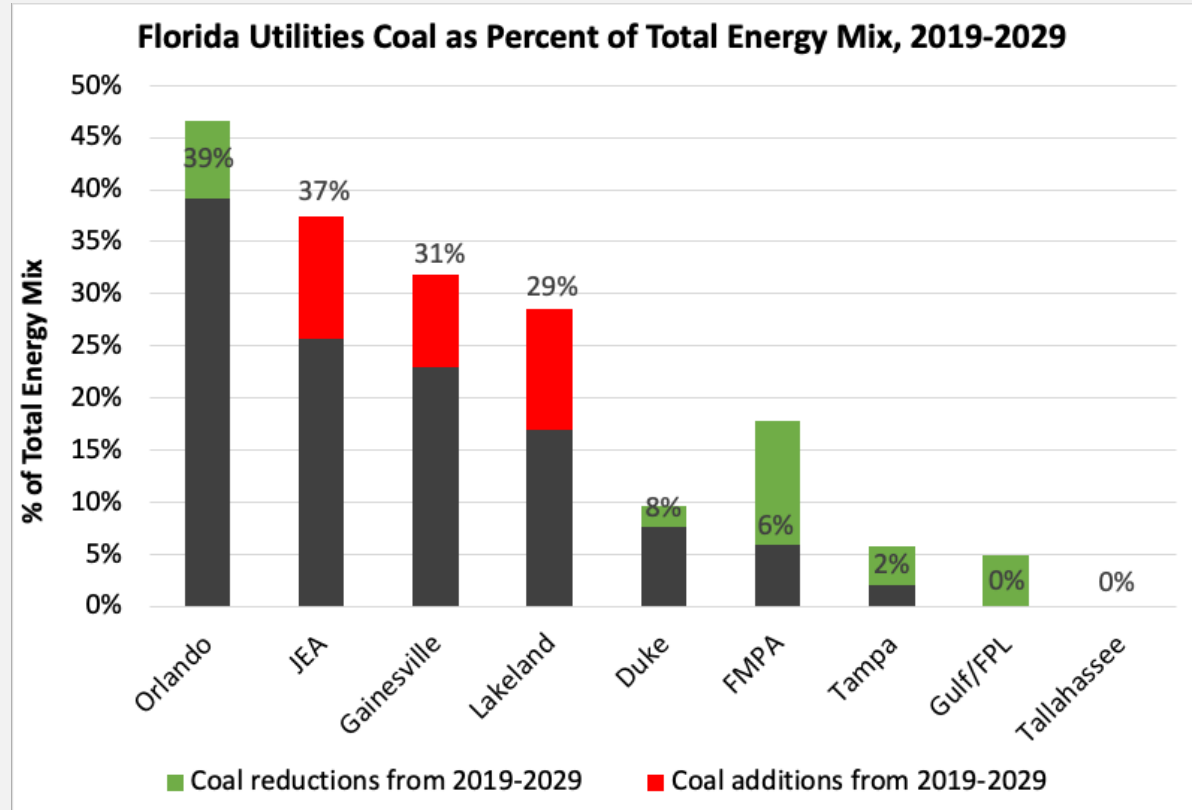


5: Are utilities ready for a carbon constrained world?



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- » Utilities should assume a carbon price in planning to make prudent investments now
- » Give customers options to meet clean energy goals and attract global corporations
- » Seriously explore battery storage paired with solar
- » **Red flag: planned increases in coal energy**





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78 COMPANIES

69 MILLION MWH
OF DEMAND FOR
RENEWABLE ENERGY

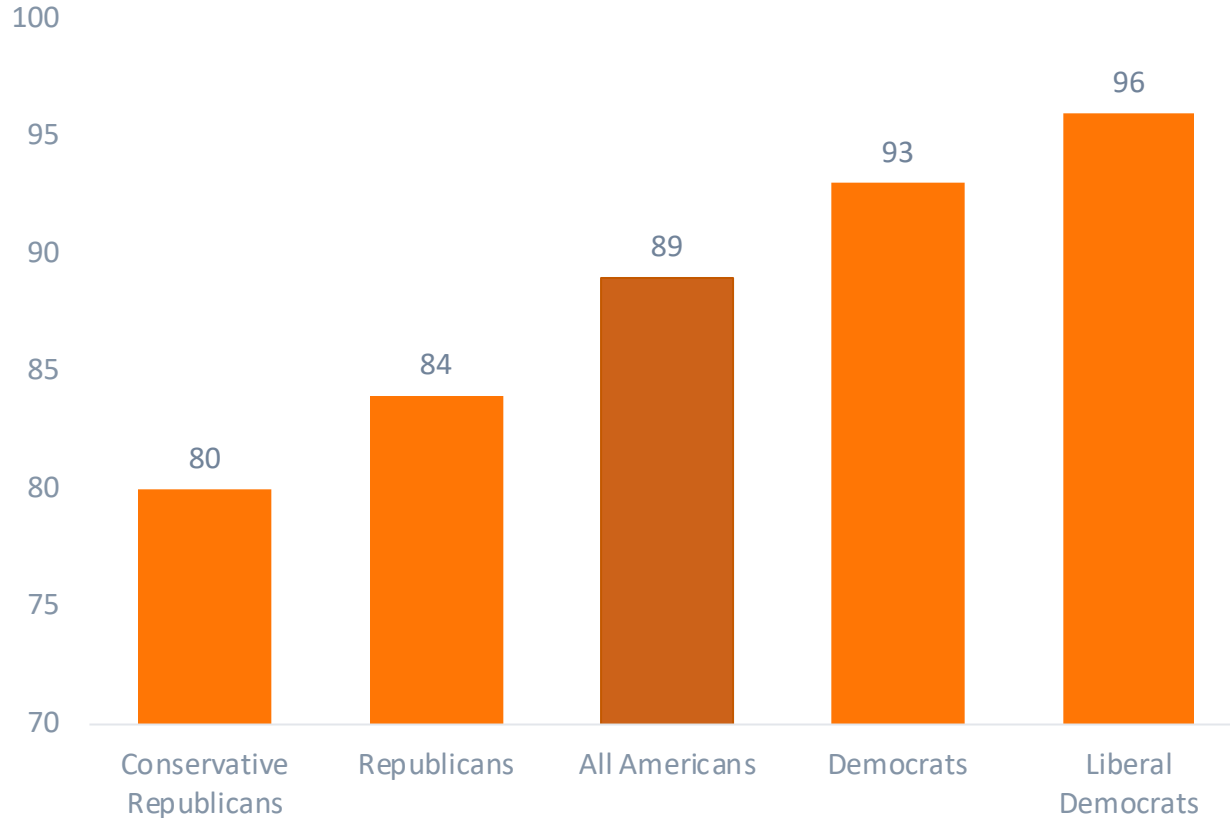
\$7.8 TRILLION IN
MARKET CAP



Solar is popular with all Americans – 89% support across political spectrum



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6: Are utilities protecting the most vulnerable ratepayers?



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- » Floridians' rates may be low, but bills are higher than the national average
- » Historic under-investment in energy saving programs (TECO, Duke and FPL rank near bottom of ACEEE list)
- » Opportunity to create bill stability now during COVID by pairing energy saving programs with arrearage management to incentivize customers

2020 grades are in



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 **Renewable Energy
and GHG Reductions**

 **Gas Over-dependence**

 **Uneconomic Coal**

 **Consumer Protection
and Affordability:**

 **Customer Choice**

 **Market Competition:**

 **Electric Vehicle
Promotion:**

 **Investment in
Resilient Storage:**

Utility Provider

Grade

Tampa Electric Company (TECO)

B+

Florida Power & Light (FPL)

B

Orlando Utilities Commission (OUC)

B-

Duke Energy

B-

City of Tallahassee Utilities

C

Gainesville Regional Utilities (GRU)

C-

Seminole Electric Cooperative

D+

Florida Municipal Power Authority (FMPA)

D+

JEA

D

Lakeland Electric

F



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