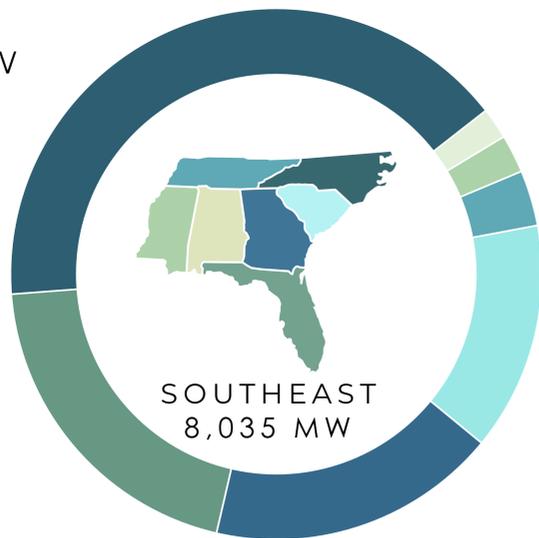


# SOLAR IN THE SOUTHEAST

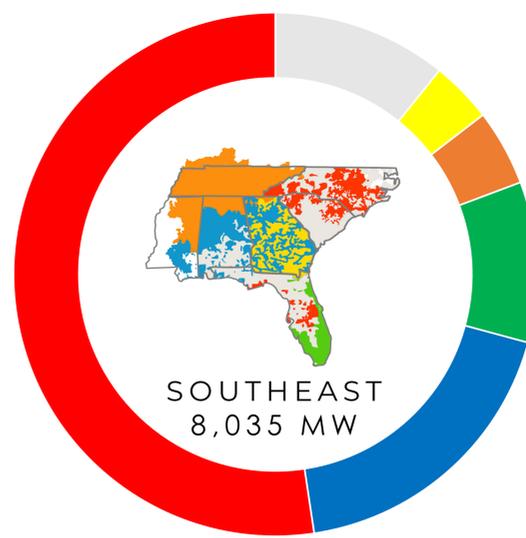
BRYAN JACOB, SOUTHERN ALLIANCE FOR CLEAN ENERGY

## 2018 SOUTHEAST SOLAR SNAPSHOT

- NORTH CAROLINA 3,266 MW
- FLORIDA 1,622 MW
- GEORGIA 1,419 MW
- SOUTH CAROLINA 1,116 MW
- TENNESSEE 272 MW
- MISSISSIPPI 187 MW
- ALABAMA 153 MW



BY STATE



BY UTILITY

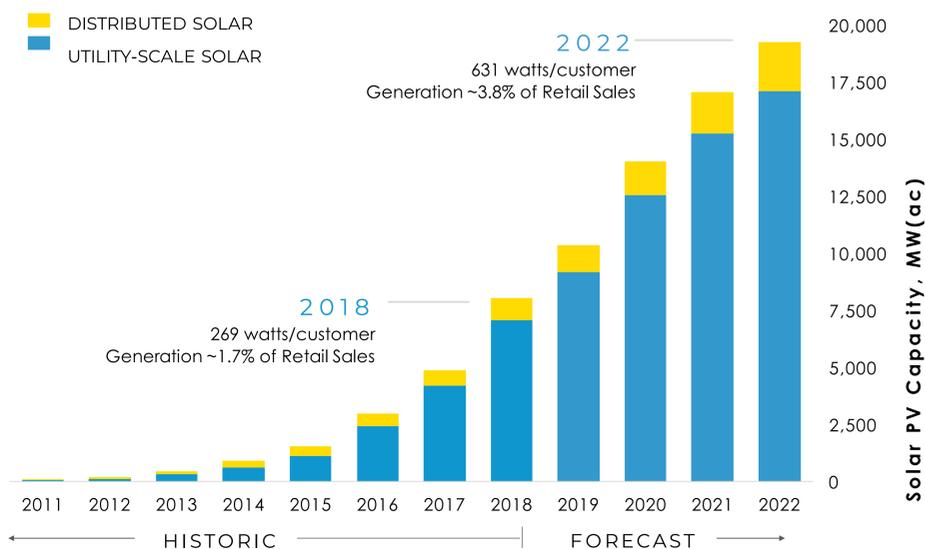
- DUKE ENERGY 4,208 MW
- SOUTHERN COMPANY 1,481 MW
- FPL 797 MW
- TVA 378 MW
- OGLETHORPE POWER 305 MW
- OTHER UTILITIES 866 MW

## EIGHT TAKEAWAYS

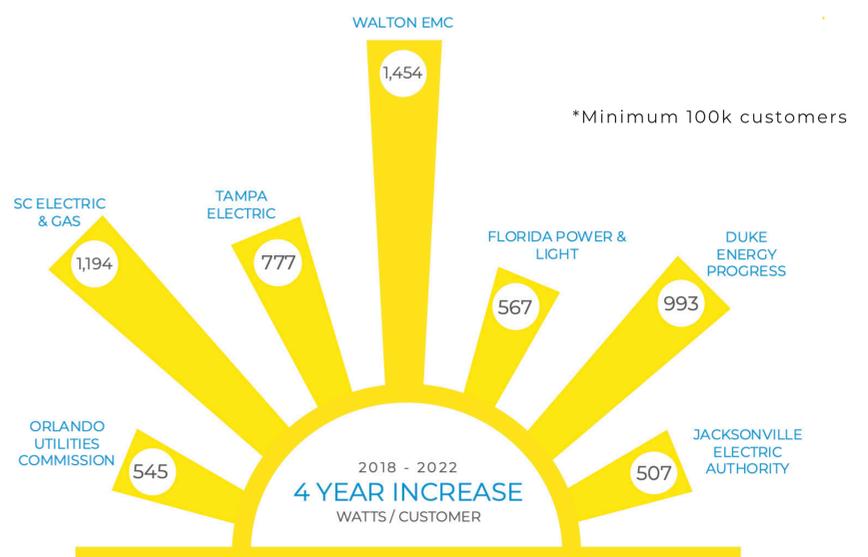
SYSTEMS WITH > 500,000 CUSTOMERS	2018 WATTS/CUSTOMER
DUKE ENERGY PROGRESSS	1,625
SC ELECTRIC & GAS	512
DUKE ENERGY CAROLINAS	508
GEORGIA POWER	426
<b>SOUTHEAST AVERAGE</b>	<b>269</b>
DUKE ENERGY FLORIDA	188
FLORIDA POWER & LIGHT	167
TAMPA ELECTRIC	157
OGLETHORPE POWER	152
TENNESSEE VALLEY AUTHORITY	84
ALABAMA POWER	67
NC ELECTRIC COOPERATIVES	45
SEMINOLE ELECTRIC CO-OP	24
SANTEE COOPER	22

- The Southeast exceeded 8,000 MW of solar capacity in 2018.** SACE has increased its forecast to 17,000 MW by 2021 and nearing 20,000 MW for 2022.
- Duke Energy Progress (DEP) remains atop the leaderboard on watts per customer solar ratio.** Duke subsidiaries combined can boast half of all solar in the Southeast from 2018.
- South Carolina Electric & Gas (SCE&G) emerged as a solar leader.** SACE identified SCE&G as a "SunRiser" in 2017's report and it is starting to deliver on that ambition.
- Florida is beginning to live up to its nickname "the Sunshine State."** Florida has already surpassed Georgia on installed capacity and by 2022, SACE forecasts solar capacity in Florida to exceed that of the current regional leader, North Carolina.
- Florida Power & Light (FPL) recently announced the boldest 10-year solar commitment of any utility in the country.** It will more than double the annual pace of solar expansion for the largest utility in the Southeast.
- Corporate procurement is driving new solar development in the Southeast (and nationwide).** Facebook, Google, Target, Walmart, and Johnson & Johnson each announced major solar projects in the region.
- New SunRisers:** Walton EMC, FPL and Orlando Utilities Commission (OUC) join four returning "SunRisers" demonstrating leading levels of planned solar growth over the next four years.
- Repeat SunBlockers:** Santee Cooper, Seminole Electric Cooperative (SEC) and the Tennessee Valley Authority (TVA) remain on the list of utilities whose forecast solar ratio for 2022 will remain below the region average from 2018.

SYSTEMS WITH > 500,000 CUSTOMERS	2022 FORECAST
DUKE ENERGY PROGRESSS	2,618
SC ELECTRIC & GAS	1,706
TAMPA ELECTRIC	934
DUKE ENERGY CAROLINAS	903
GEORGIA POWER	809
FLORIDA POWER & LIGHT	734
DUKE ENERGY FLORIDA	676
<b>SOUTHEAST AVERAGE</b>	<b>631</b>
ALABAMA POWER	335
OGLETHORPE POWER	286
TENNESSEE VALLEY AUTHORITY	251
SEMINOLE ELECTRIC CO-OP	120
NC ELECTRIC COOPERATIVES	71
SANTEE COOPER	42



SOUTHEAST SOLAR CAPACITY FORECAST



SOUTHEAST SOLAR MOMENTUM : SUNRISERS