



MEMPHIS' ENERGY FUTURE

Public power and the 21st century utility in Memphis

**MEMPHIS
HAS THE POWER**

cleanenergy.org

Southern Alliance for
Clean Energy



ABOUT SACE



The Southern Alliance for Clean Energy promotes responsible energy choices to ensure clean, safe and healthy communities throughout the Southeast.

MEMPHIS HAS THE POWER



A campaign to ensure Memphians have affordable, equitable, and clean energy. We are working to achieve energy justice and create a cleaner, more prosperous Memphis.

Members of our staff have served on the MLGW PSAT.

THE CASE FOR ISSUING AN RFP

- Participated in and support the process and review of final IRP which recommends issuing RFP
- Other studies also show a high probability of significant cost savings by seeking an alternative power supply to TVA
- We strongly endorse the move to quickly issue a RFP for supply and transmission services
- We support the development of broad principles that will guide the RFP development, review, and timing

SACE AND TVA

- SACE was founded in 1985 as a TVA watchdog group
- Served two terms on TVA's Regional Resource Stewardship Committee
- Served two terms on TVA's Regional Energy Resource Council
- Worked closely with TVA on the Green Power Switch program
- Worked with TVA on TVA IRPs: 1995 IRP (Energy Vision 2020), 2011 IRP, and 2015 IRP
- Testified to U.S. Senate committee about TVA and Kingston coal ash disaster
- #NotPublicPower

TVA VALUES ARE NOT PUBLIC POWER VALUES

TVA Board and executive staff have over the past decade become increasingly insulated and removed from being in touch with the people they serve.

- Excessive corporate compensation (\$8+ million for current CEO)
- Excessive expenditures on luxury items for executive use (jets, helicopters, etc)



TVA VALUES ARE NOT PUBLIC POWER VALUES cont.

- Shut down public input opportunities at TVA board meetings, when citizens began to organize
- Supported regressive fixed fees at the wholesale and retail levels
- Outsourced union IT jobs in the middle of a pandemic, drawing the ire of the President of the United States

More at NotPublicPower.org

knox news.

TVA agrees to new fixed fee as customers accuse board of shifting costs onto poorer ratepayers

Chattanooga Times Free Press

TVA cutting 120 jobs in IT as it outsources software work; Chattanooga employees to be hit hardest



ENVIRONMENTAL CONCERN WITH TVA

- Coal ash risk
- Behind on solar
- Emissions reductions are plateauing
- Behind on energy efficiency

COAL ASH

Legacy coal ash cleanup at 11 power plants (operating or retired) will cost an estimated \$3-5 billion over next 20 years.

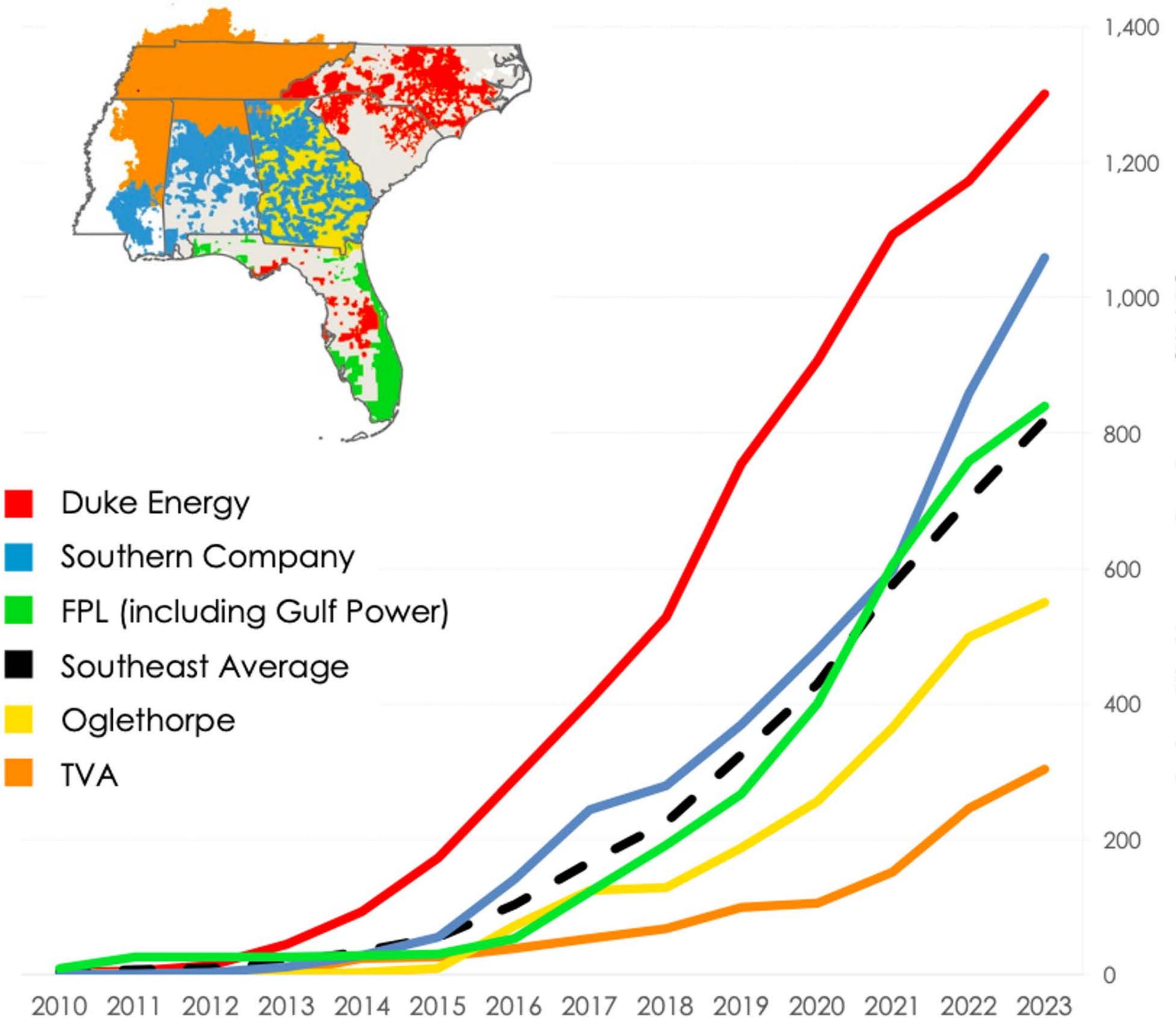
Memphis has been on the front lines of this issue with the arsenic contamination of the groundwater at the Allen plant:

- "Frankly, if I had it to do-over, I would do something else," - Former TVA CEO Bill Johnson
- "We're committed to cleaning up and removing the coal ash, and we're gonna do that exactly right whether we're partners or not." - TVA CEO Jeff Lyash



Kingston coal ash disaster

TVA IS BEHIND ON SOLAR



SYSTEMS WITH > 500,000 CUSTOMERS	2023 FORECAST
DUKE ENERGY PROGRESS	2,718
TAMPA ELECTRIC	1,827
DOMINION ENERGY SC	1,809
GEORGIA POWER	1,435
DUKE ENERGY CAROLINAS	887
FLORIDA POWER & LIGHT	839
SOUTHEAST AVERAGE	819
DUKE ENERGY FLORIDA	722
SANTEE COOPER	664
OGLETHORPE POWER	550
ALABAMA POWER	395
TENNESSEE VALLEY AUTHORITY	303
SEMINOLE ELECTRIC CO-OP	301
NC ELECTRIC COOPERATIVES	98

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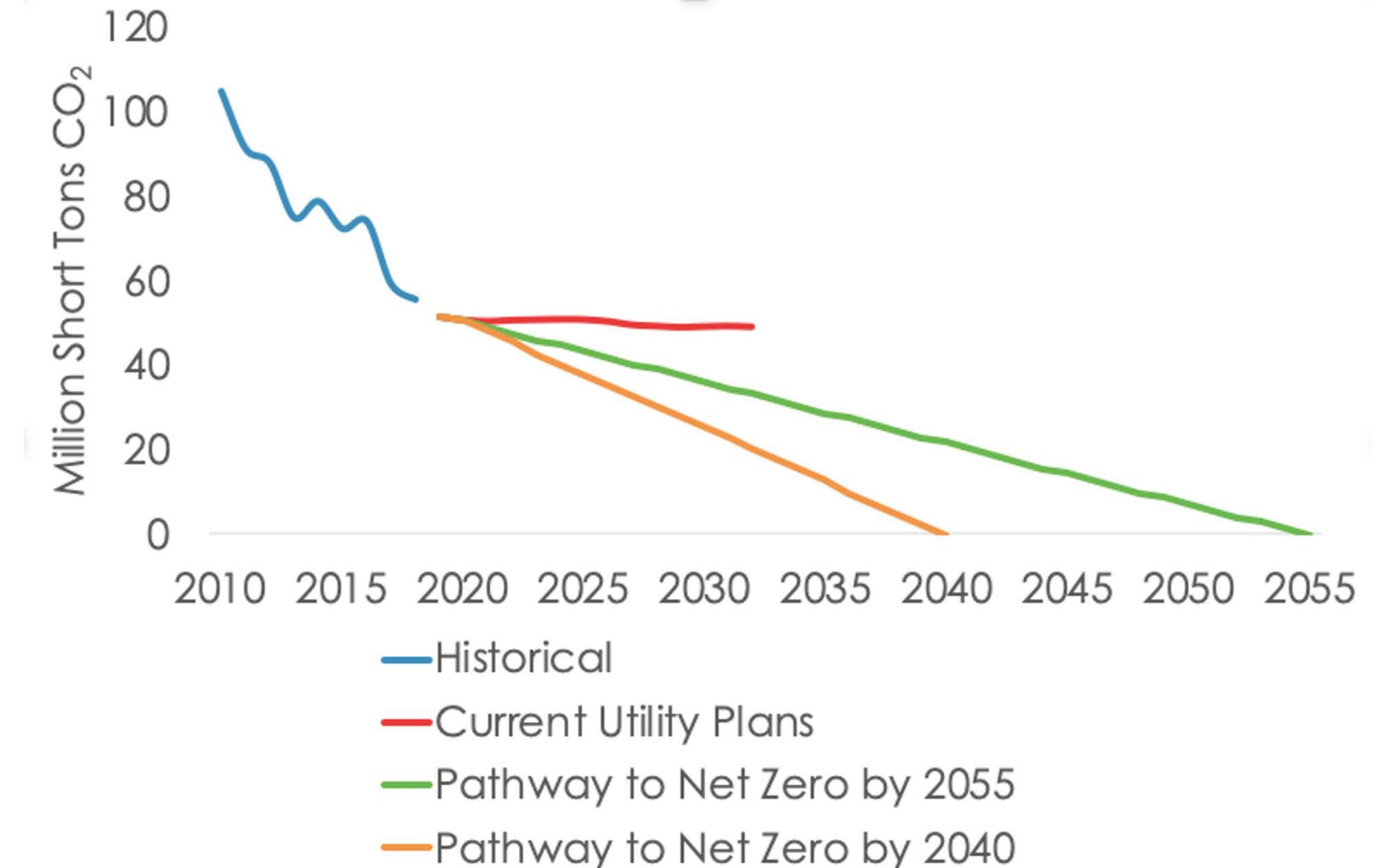
TVA'S EMISSIONS REDUCTIONS ARE PLATEAUING

From 2005 to 2019:

50% reduction in carbon emissions

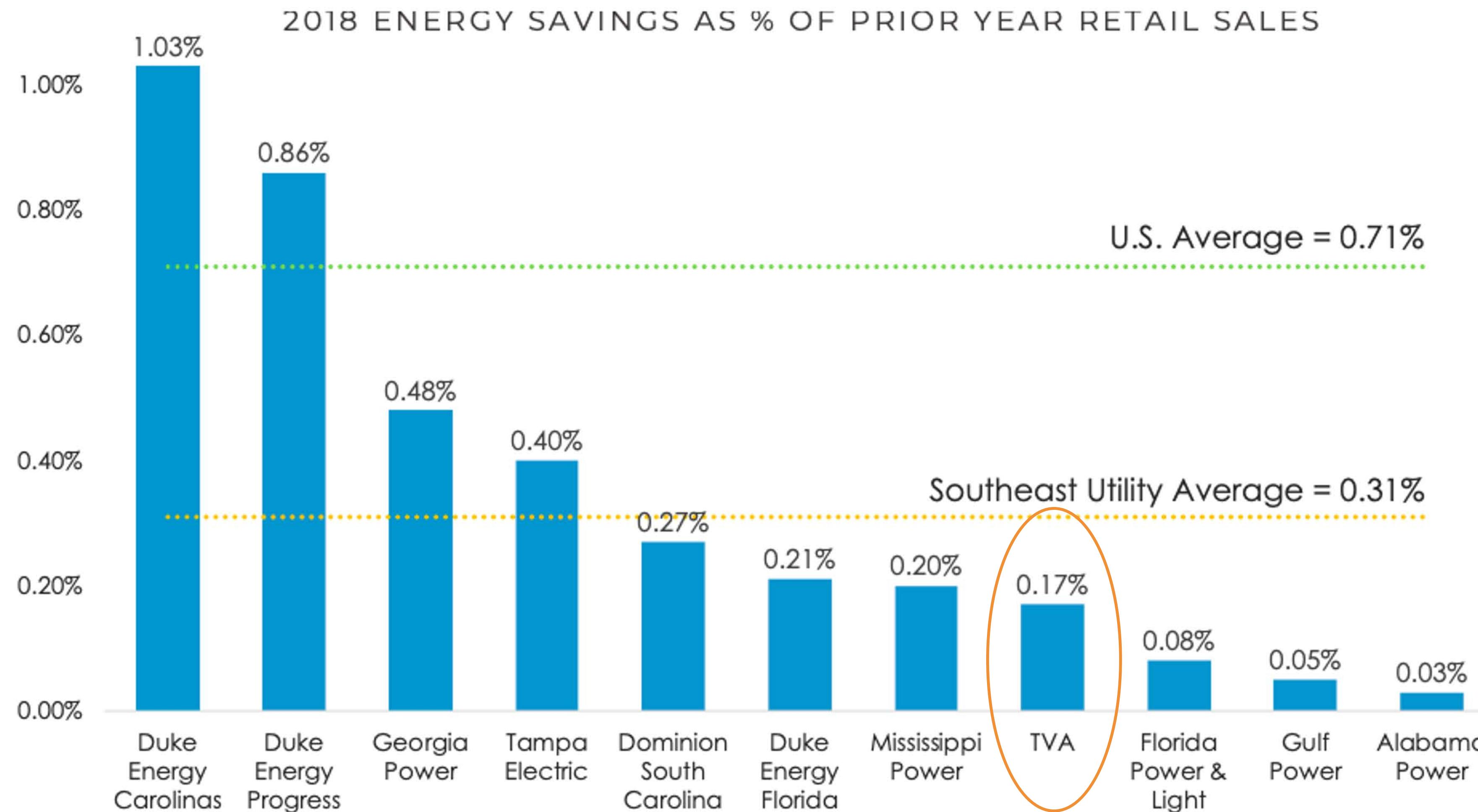
From 2020 to 2032:

Only 5% more reduction, based on
TVA's current plans



Preliminary results from upcoming SACE report on decarbonization in the Southeast

TVA IS BEHIND ON ENERGY EFFICIENCY



ENERGY BURDEN IN MEMPHIS

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Share the Pennies Program Recipient

MEMPHIS ENERGY BURDEN

- National average of major cities = 3.5%
 - Memphis metro area average = 6.2%
 - Many low-incomes households experiencing energy burdens as high as 25%
- TVA does not take energy efficiency seriously in Memphis. Dedicated only \$1 million to weatherization in Memphis from EPA settlement, while Knoxville got \$15M and Huntsville got ~\$12M.
- SACE strongly supported MLGW Share the Pennies redesign. This is a critical program, but Memphians need more.

INVESTING IN ENERGY EFFICIENCY

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- Because of the multiplying benefits of energy efficiency investments which include:
 - reducing people's energy burden
 - real jobs in the local community
 - reducing need for MLGW to purchase or build additional power plants
 - pathways out of poverty with real environmental benefits
- We believe that not less than 10% of the savings captured from the RFP should be earmarked for low income energy efficiency programs and demand-reduction programs run in a quality manner



MLGW CAN BE A 21st CENTURY UTILITY

- Rare opportunity for a clean slate
- Can put needs of Memphians first by putting savings toward energy efficiency programs to help lift people out of poverty and creating local jobs
- Can take advantage of technological advances--distributed and low-cost renewable energy and storage--for low costs and cleaner environment



THANK YOU



MemphisHasThePower.org

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