



ACEG Presents *Transmission Time*

Consumer, Employment, and Environmental Benefits of Electricity Transmission Expansion in the Eastern U.S.


Wednesday, October 28, 2020



Americans for a
Clean Energy Grid



About ACEG



Macro Grid Initiative

An **ACORE** Program



- Americans for a Clean Energy Grid (ACEG) is the only non-profit broad-based public interest advocacy coalition focused on the need to expand, integrate, and modernize the North American high-voltage grid.
- National organization uniting diverse interests – environmentalists, utilities, renewable industry, transmission and technology companies.
- New Macro-Grid Initiative backed by Breakthrough Energy



Coalition Members





Speakers



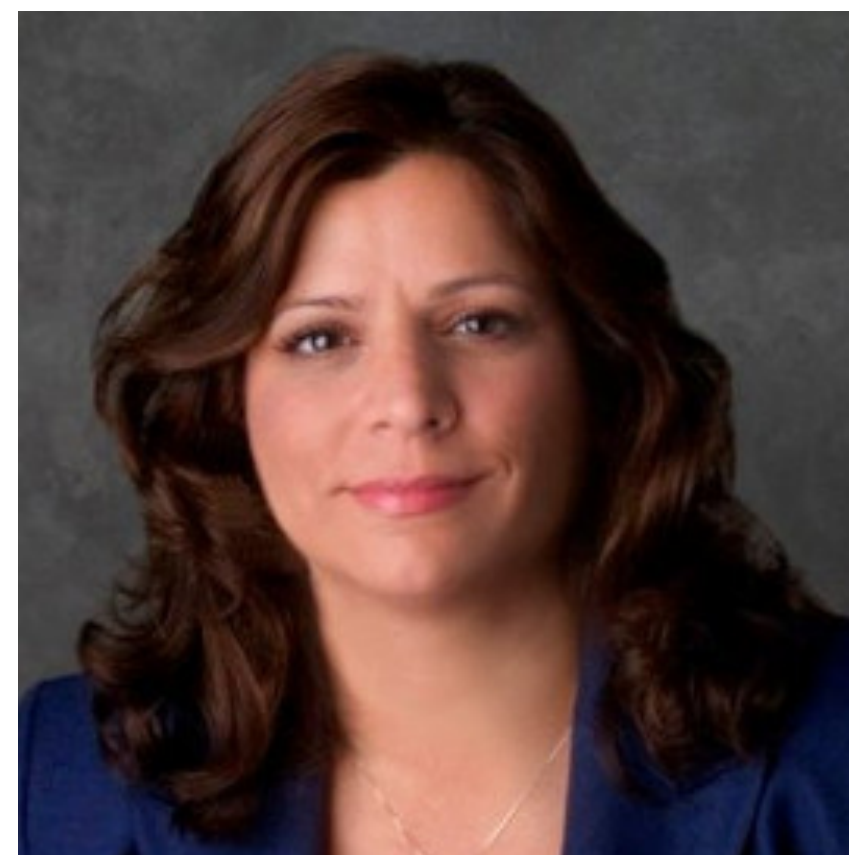
Rob Gramlich

Executive Director
ACEG



Rep. Kathy Castor

(FL-14)
Chair of the House Select
Committee on the Climate Crisis



Nina Plaushin

Vice President of Regulatory, Federal
Affairs and Communications
ITC Holdings Corp



Speakers



Michael Goggin

Vice President & Report
Co-author
Grid Strategies LLC



Michael Skelly

Senior Advisor
Lazard



Jason Walsh

Executive Director
BlueGreen Alliance

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A New ACEG Report



Americans for a
Clean Energy Grid

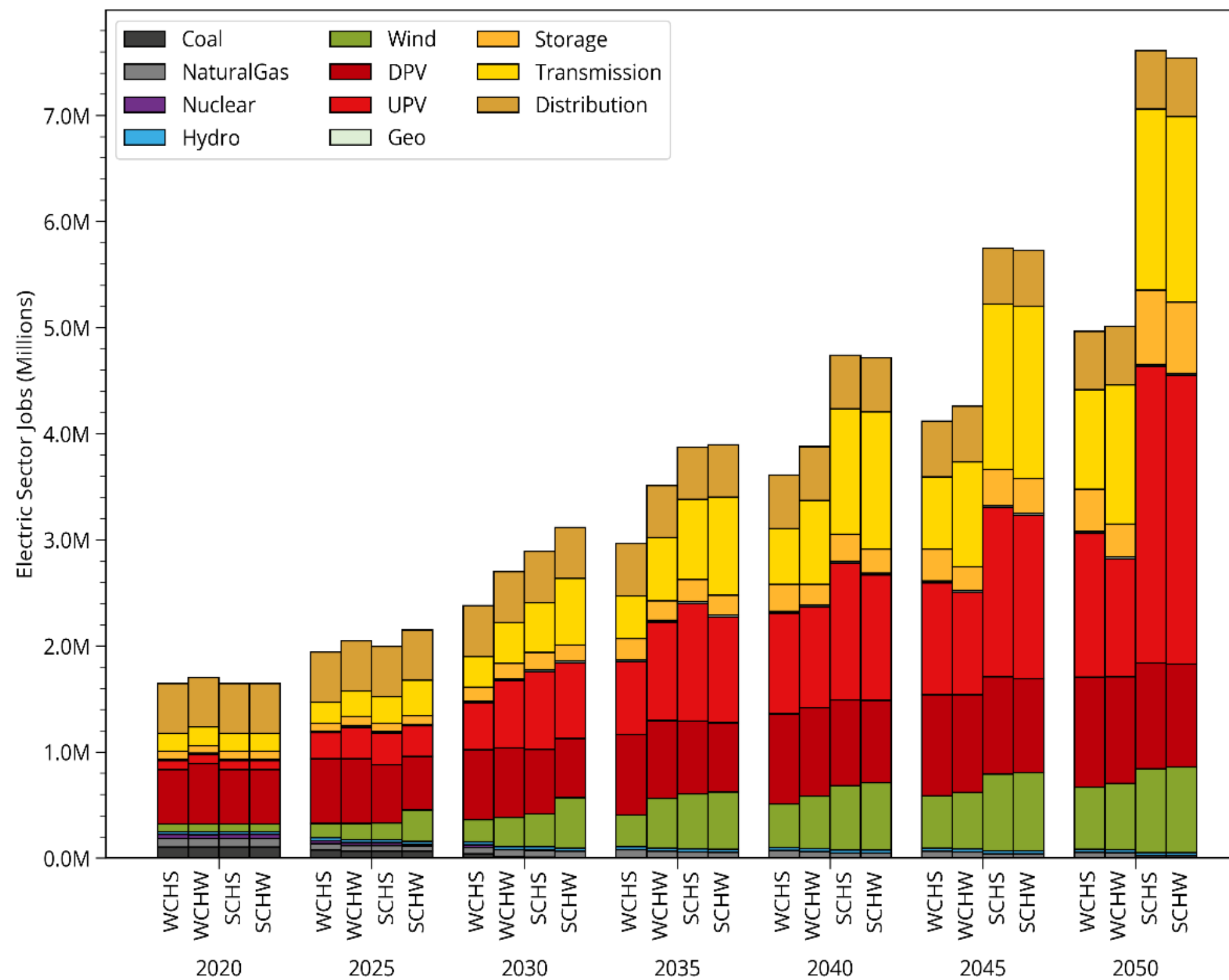


Main Findings

- Over 6.2 million net new jobs created, with over 1.5 million transmission jobs.
- In all scenarios, electric rates decline by 1/3 from current levels. Transmission cost is only 3.6% of total bills.
- With transmission, low-cost wind and solar reliably provide 82% of electricity. 95% reductions in electric sector CO2 emissions reductions can be achieved with \$100 billion in consumer savings relative to 70% emissions reductions.
- Large transmission investment needed under all scenarios regardless of carbon reductions or wind vs solar deployment. Many of the same transmission lines are needed in all scenarios.

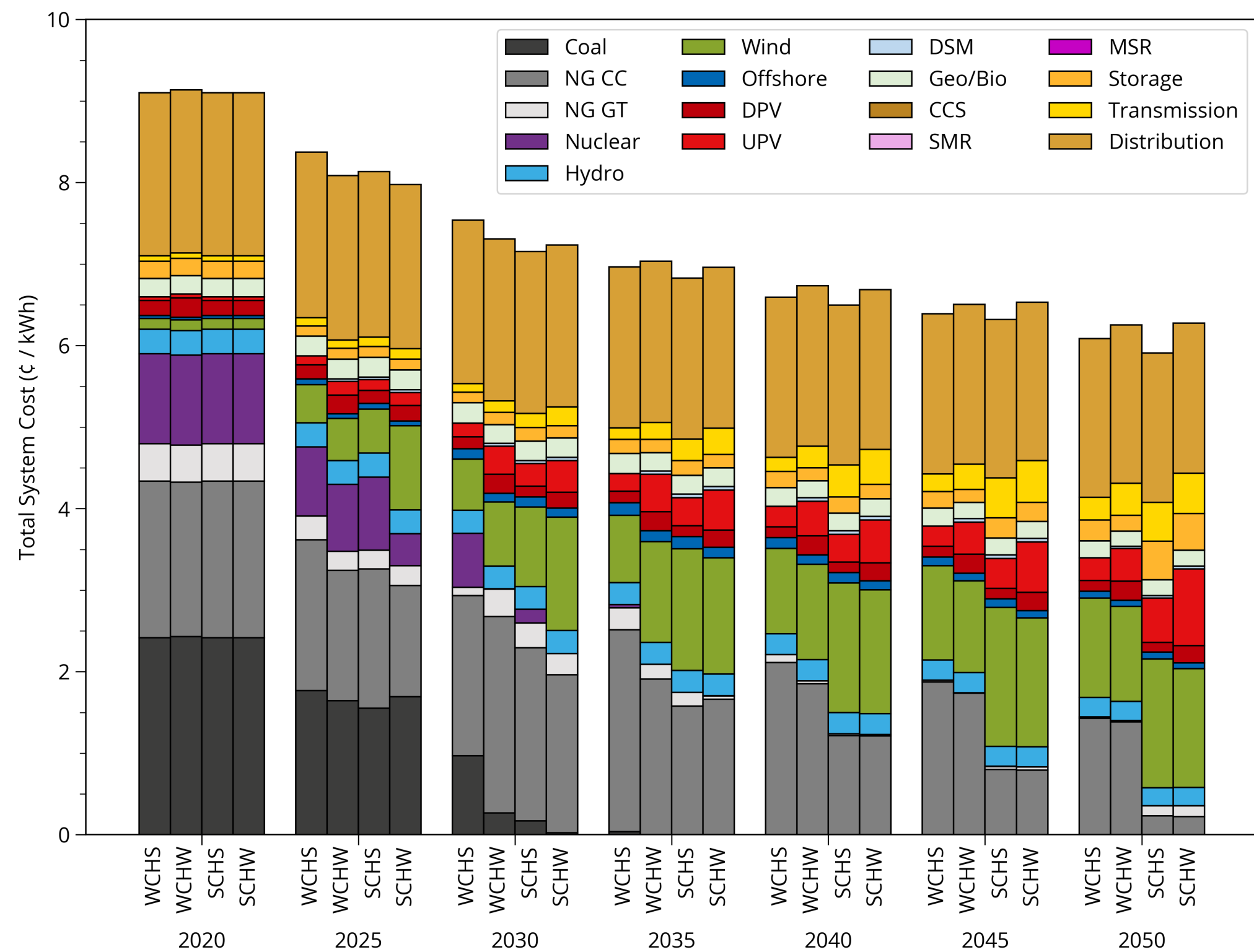


Job Creation by Scenario



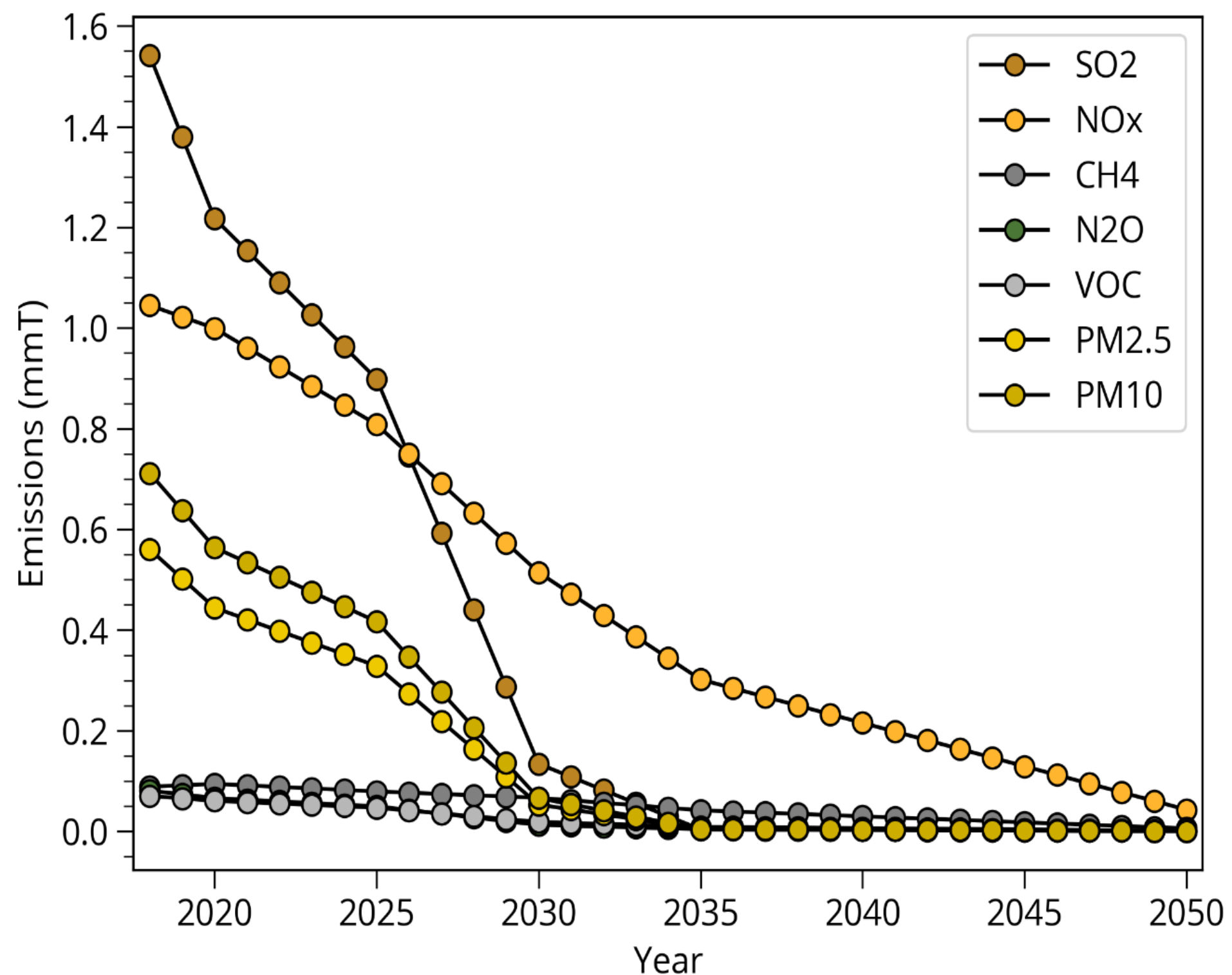


Retail Rates Decline



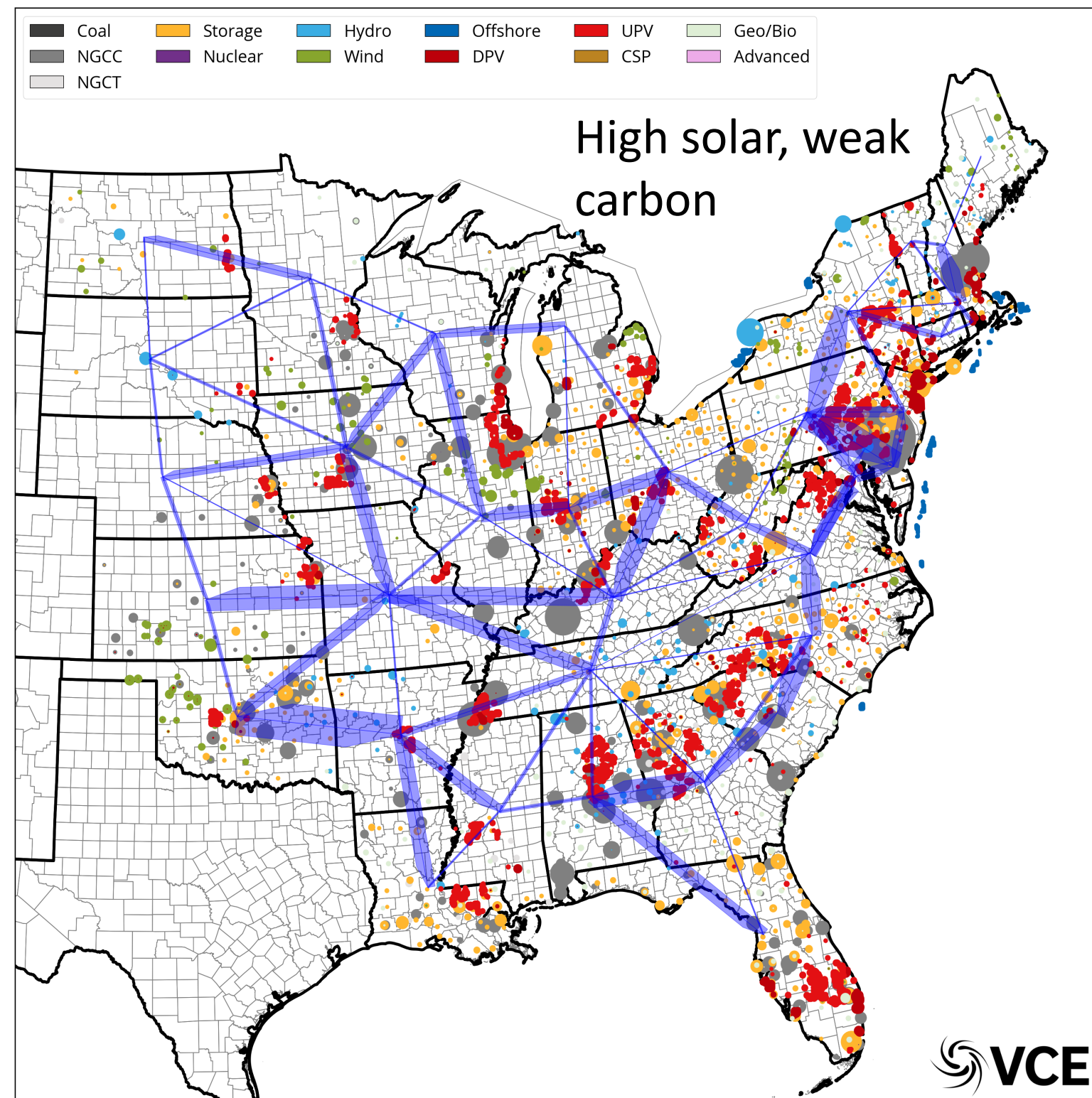
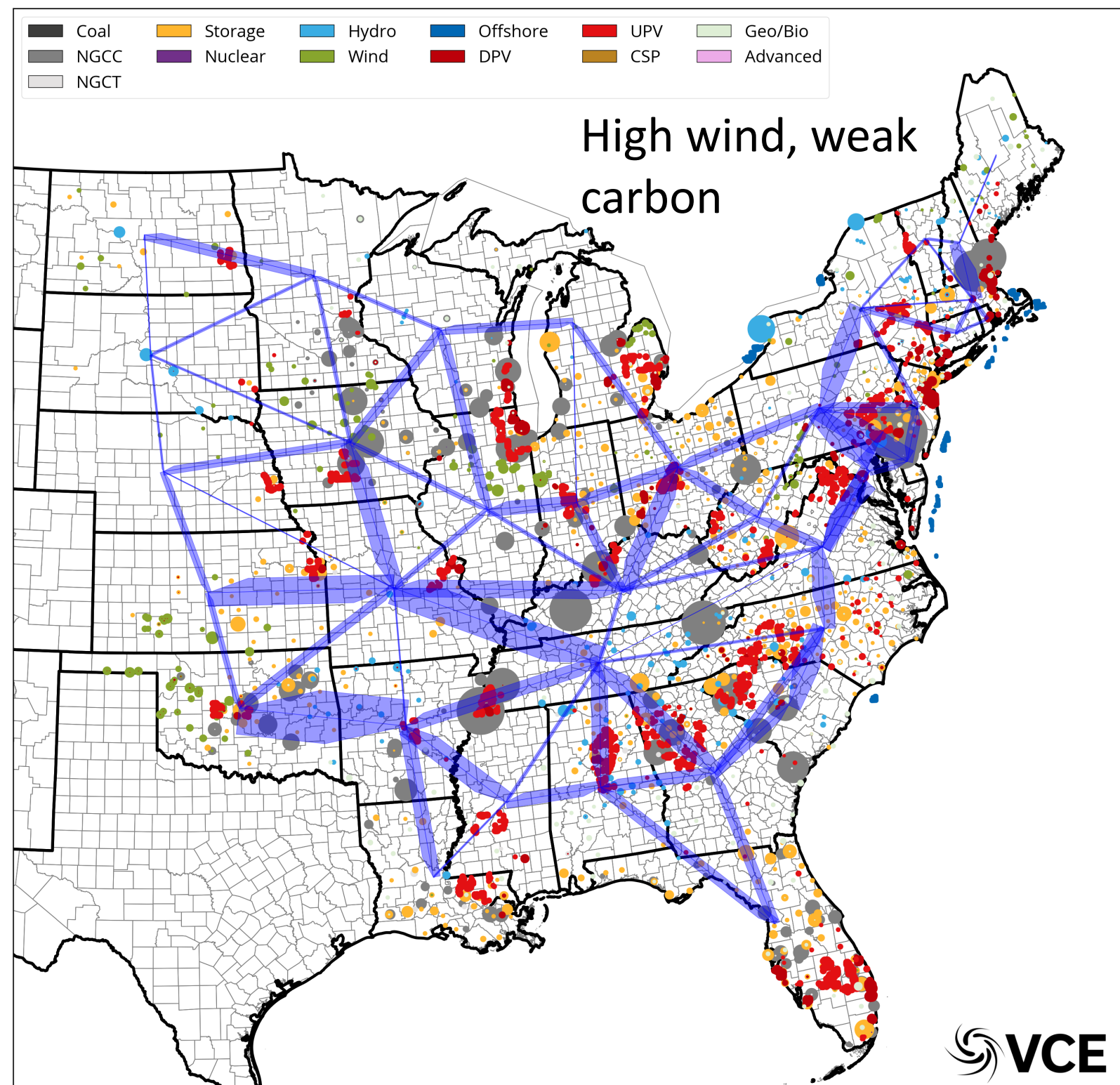


Air Pollution Declines



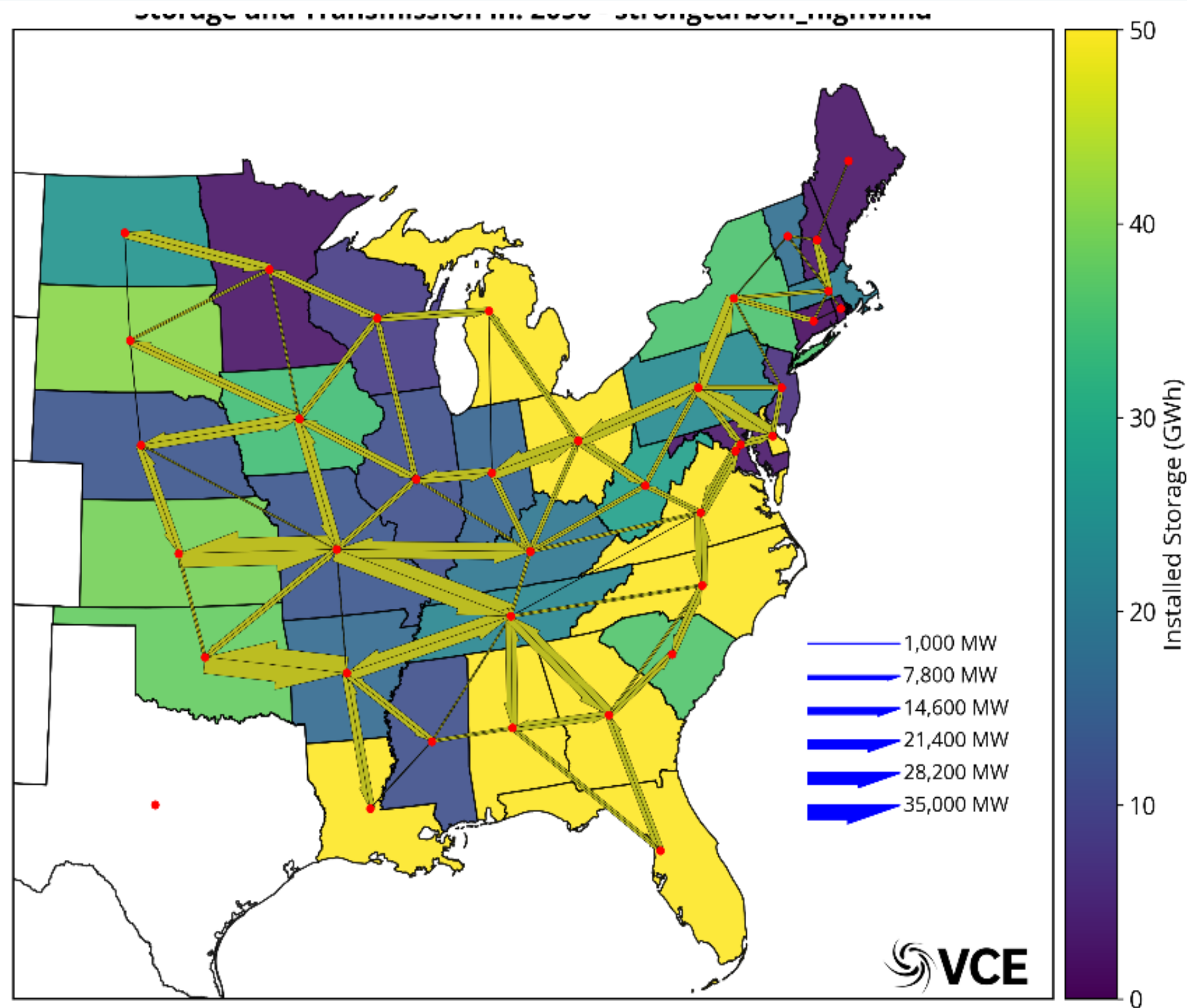


Transmission Needed in All Scenarios



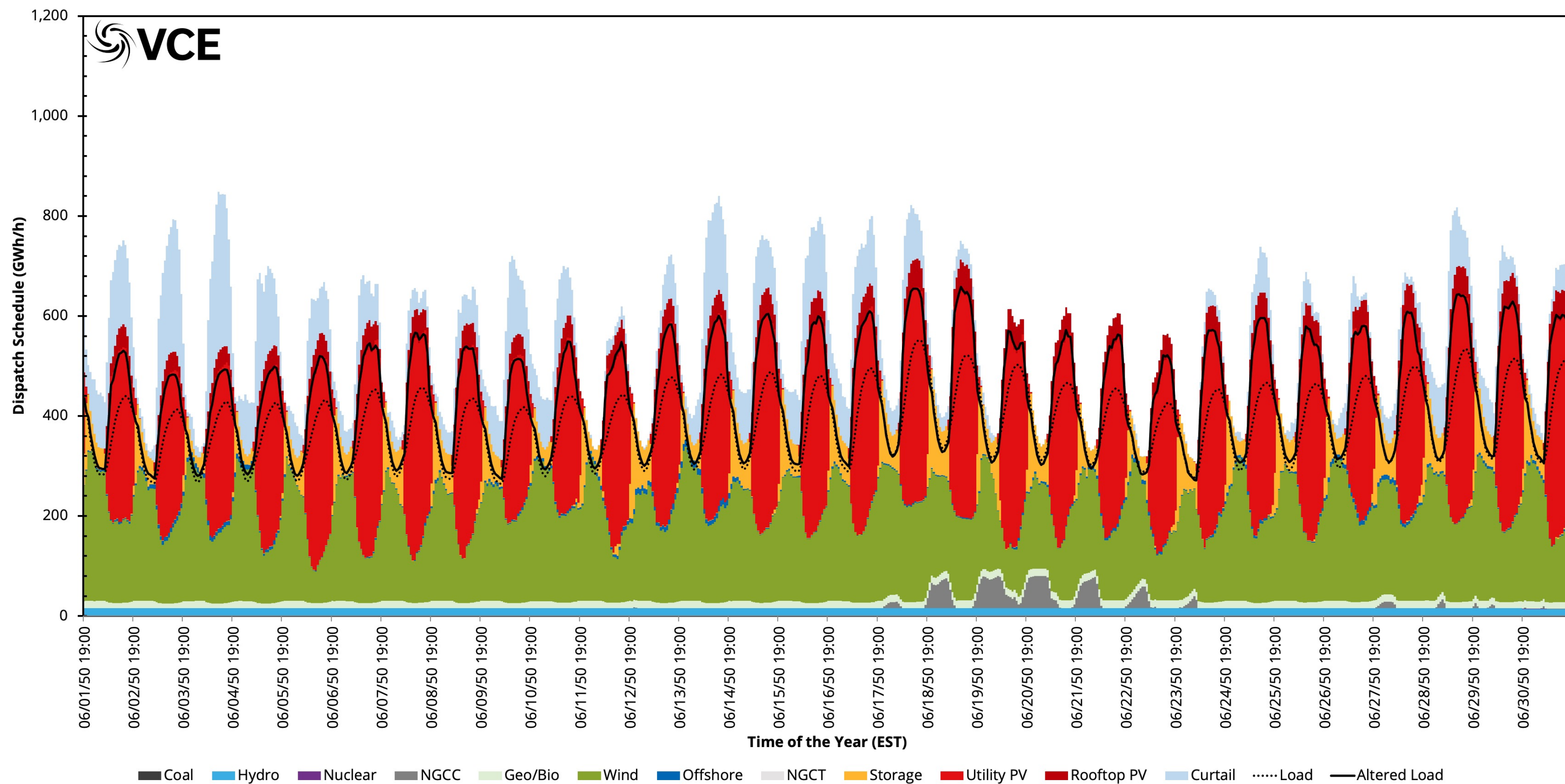


Storage Complements Transmission





June 2050 Generation Profile



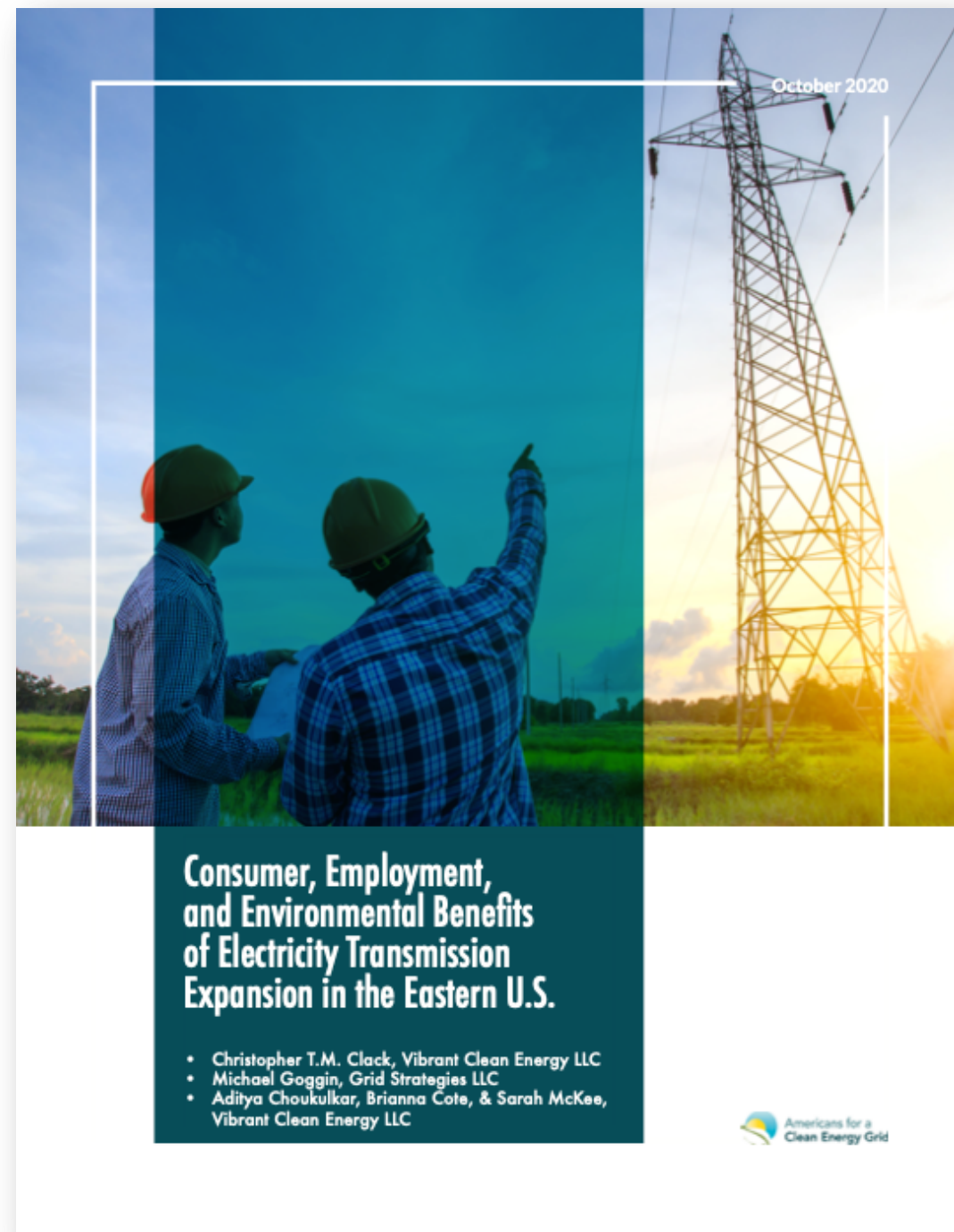
Thank you for listening. Questions?



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Next Steps



- To read our full report, visit our website at cleanenergygrid.org
- Engage with us on social media
 - Twitter: @cleanenergygrid
 - LinkedIn: Americans for a Clean Energy Grid