

# Valley Pathways Study:

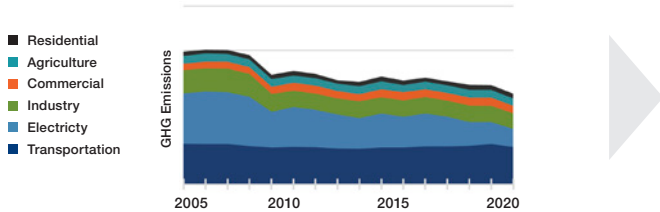
## Building a Competitive, Clean Economy

### Project Overview

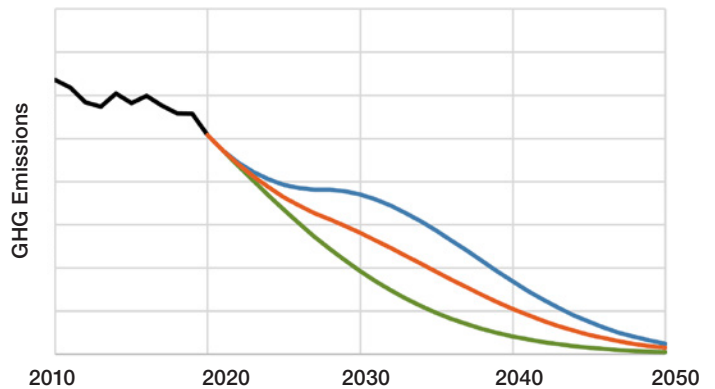
The Tennessee Valley Authority and University of Tennessee Baker Center for Public Policy are partnering on a study to ensure a competitive and clean economy for the Tennessee Valley through 2050. Building on TVA’s reliable, resilient, low-cost, and increasingly clean energy, the study will:

- Build partnerships across all sectors of the Valley to move to a clean energy economy
- Establish a greenhouse gas (GHG) emission baseline, from a key facilities, equipment, and activities inventory
- Collaborate on options for affordable and sustainable decarbonization to accelerate the Valley’s Clean Energy Economy
- Develop a pathways roadmap for a Net Zero greenhouse gas (GHG) emission economy by 2050

### Valley Baseline GHG Footprint



### Pathways to Net Zero



### Valley Stakeholders

- Geographic & economic sectors
- Valley-wide collaboration
- Shared Vision of the future

### Benefits

- Stakeholder collaboration will provide insights, perspectives, and ambitions from every sector of the Valley’s economy to build out potential pathways to reduce carbon emissions to Net Zero.
- Highlighting key areas of commonality will help bring the Valley toward consensus next steps, while arming the Valley with options as it journeys to Net Zero.
- An economy-wide approach will enhance the Tennessee Valley’s position as a leader in decarbonization with an actionable plan to accelerate a clean energy economy throughout the Valley.

### Approach & Timeline

The analysis will target multiple pathways via stakeholder input rather than focus on one unique “right answer” to get to Net Zero. This flexibility and optionality will inform the Valley with critical information to weigh options in future planning and actions across the economy.

While the study is expected to be completed by early 2024, the Roadmap will be a living document providing a foundation and guidance for other key TVA initiatives such as integrated resource planning (IRP).

### CONTACT

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