



Managing load growth in the age of AI

2025 NASEO Energy Policy Outlook Conference

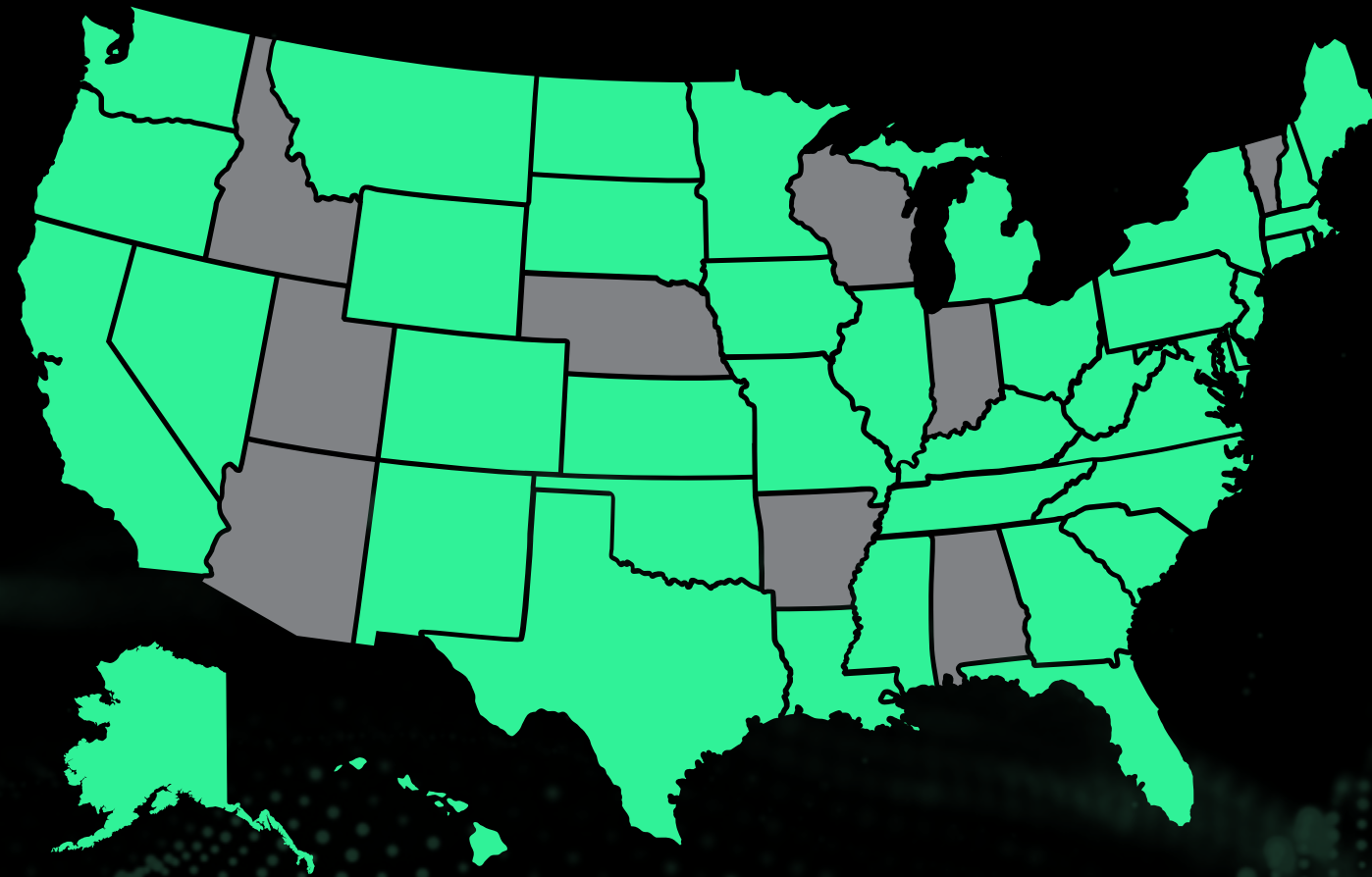
February 5, 2025




Powering success nationwide

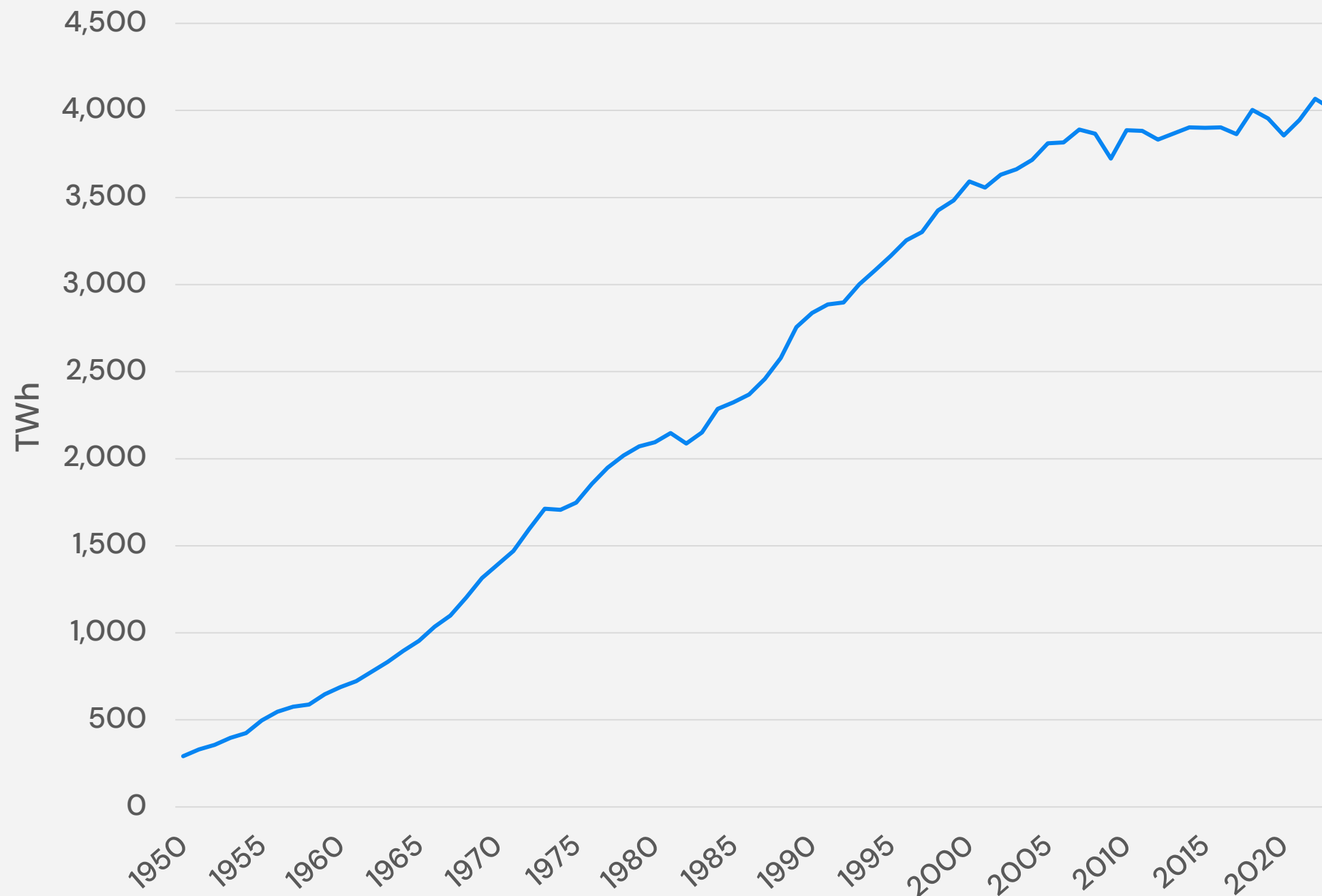
ICF has supported nearly every state and regional coalition with:

- Clean energy transition and energy resource efforts
- Energy security and resilience efforts
- Disaster management and recovery efforts
- Workforce planning
- Transportation planning and demand management
- Grid resiliency, modernization and improved reliability
- Energy burden reduction
- Grant and rebate programs



 States ICF has supported

Historic US electricity use



U.S. Electricity Use Growth by Decade

1950 – 1960: 136%

1960 – 1970: 102%

1970 – 1980: 50%

1980 – 1990: 35%

1990 – 2000: 27%

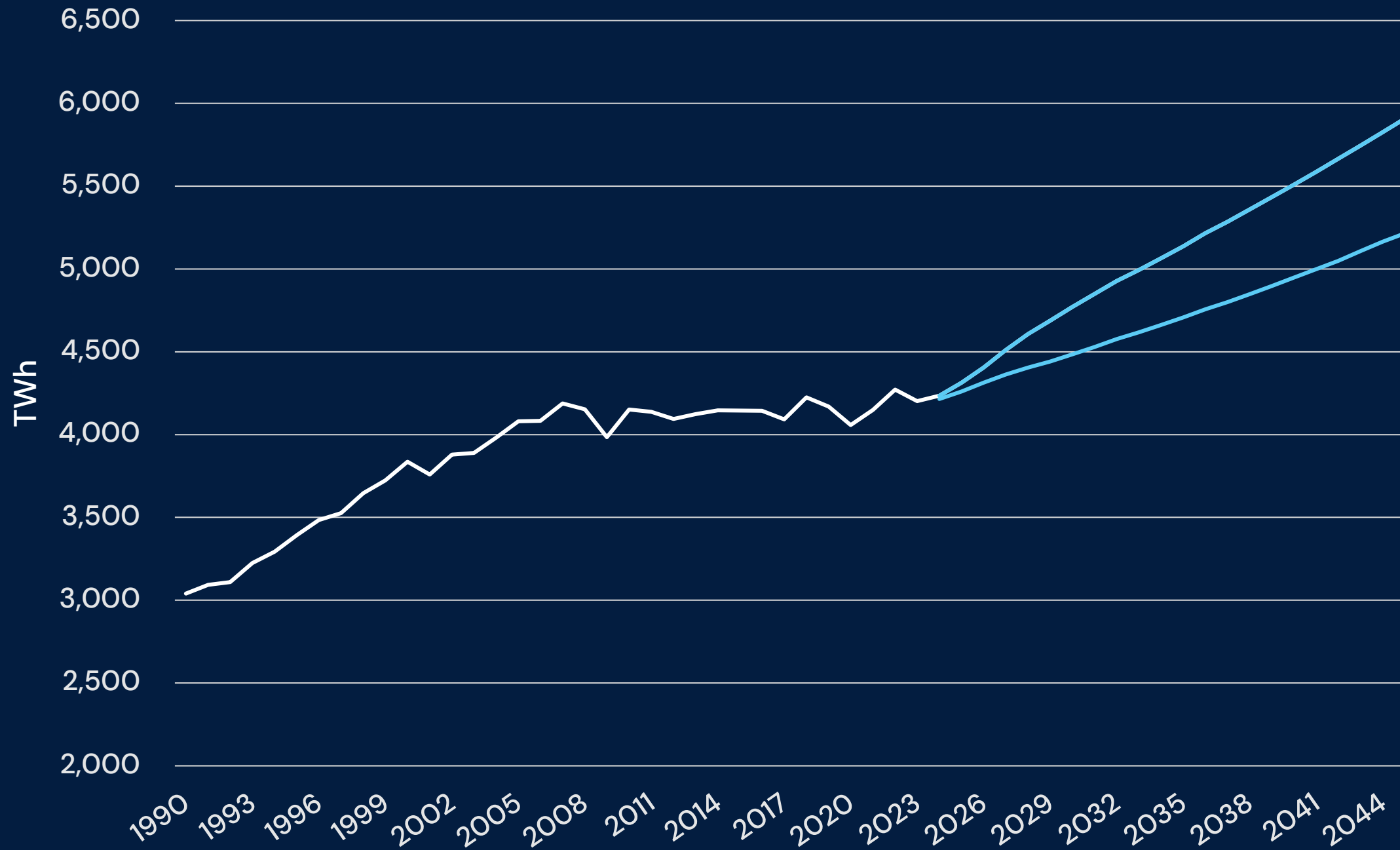
2000 – 2010: 8%

2010 – 2022*: 3%



Source: EIA MER Table 7.6
*Used 2022 instead of 2020 to account for COVID-19.

Projected US electricity load growth



- Year-on-year estimated increase 13%
- Similar to 1990's growth

Data source: ICF



