

2022 GC3 Kickoff

CT DEEP, BETP – Comprehensive Energy Strategy

Comprehensive Energy Strategy Scope & Objectives

- **Scope:** electricity, thermal energy, and fuels for transportation
- **Objectives:**
 - Examine future energy needs in the state and identify opportunities to reduce costs, ensure reliable energy availability, and mitigate public health and environmental impacts of CT's energy use
 - Provide recommendations for legislative and administrative actions to aid in achievement of interrelated environmental, economic, security, and reliability goals

BETP Mission: to manage energy, telecommunication, and broadband policy issues and program deployment with the goal of establishing a clean, economical, equitable, resilient, and reliable energy future for all residents.

BUREAU OF ENERGY AND
TECHNOLOGY POLICY



DEEP's Approach to the 2022 CES

5 Key Lenses

- **Climate** – meeting greenhouse gas reduction obligations under Global Warming Solutions Act
- **Equity** – energy decisions that produce equitable outcomes
- **Affordability** – energy decisions that produce affordable outcomes
- **Economic development** – workforce development; economic competitiveness
- **Reliability & Resilience** – energy system improvements and load balancing

Key Strategies

- Build on and/or modify findings and recommendations of 2013 and 2018 CESs
- Consider emerging issues not addressed in a prior CES
- Rely on results from recent, major quantitative studies where appropriate rather than duplicate efforts

3 Factors to Consider in all CES Technical Sessions

1. The carbon intensity of the electric grid

- Impacts the speed at which electrification can support decarbonization

2. Fuel price volatility

- Impacts technology affordability and access, as well as growth of the clean energy economy

3. Need for emission-reduction solutions that facilitate climate change adaptation, resilience, and energy security

- Impacts solution selection strategies and requires solutions to optimize a variety of needs



Tentative CES Development Timeline

- **September 2022** – Technical Sessions 1-3
- **October 2022** – Technical Sessions 4-6
- **November 2022** – Technical Sessions 7 & 8
- **October 2022 – January 2023** – Drafting & Public Comment Periods for at least 3 White Papers
 - White papers to be based on topics covered in technical sessions
- **Q1 & Q2 of 2023** – CES Drafting, Public Comment Opportunities, & Listening Sessions

Technical Session Topics

1. Hard-to-Decarbonize End Uses
2. Heat Pump Market Barriers & Strategies
3. Building Thermal Decarbonization Support Strategies
4. Building Thermal Decarbonization – Economic Potential & Technology Targets
5. Electric Demand Response
6. Alternative Fuels
7. Natural Gas Planning & Policies
8. Carbon Pricing & Low-Carbon Incentives

BUREAU OF ENERGY AND
TECHNOLOGY POLICY

