



*REVISED NOTICE* (revisions shown in *red italics*)

*Revisions Posted August 23, 2022*

## 2022 COMPREHENSIVE ENERGY STRATEGY

### SECTION 16A-3D OF THE CONNECTICUT GENERAL STATUTES

#### NOTICE OF TECHNICAL MEETINGS

Under section 16a-3d of the Connecticut General Statutes, the Department of Energy and Environmental Protection (DEEP) is charged with preparing a Comprehensive Energy Strategy (CES). The CES examines future energy needs in the state and identifies opportunities to reduce ratepayer costs, ensure reliable energy availability, and mitigate the public health and environmental impacts of Connecticut's energy use, such as impacts from emission of greenhouse gases and criteria air pollutants. The agency held a Scoping Meeting for the 2022 CES on January 6, 2022 (notice). A preliminary technical meeting on hydrogen was held April 6, 2022 (notice).

By way of today's notice, DEEP invites stakeholder participation in a series of additional technical meetings that will inform the development of key elements of the CES. DEEP also expects to use information gathered during these technical sessions to inform other energy planning processes, such as future Conservation & Load Management Plans and Integrated Resource Plans.

The first technical meeting in this noticed series focuses on hard-to-decarbonize energy uses. Three subsequent sessions focus on one of the central concerns of the 2022 CES: decarbonization of thermal energy use in residential and commercial buildings. Topics for three additional technical meetings are also included in this notice; these meetings will be scheduled and announced in the coming weeks.

Session 2 in the schedule below will be held jointly with DEEP's Conservation & Load Management (C&LM) Plan Update Proceeding. In its June 2022 Determination on the 2022-2024 C&LM Plan, DEEP called for convening a Technical Meeting, in conjunction with the ongoing CES development process, to explore barriers and best practices for heat pump deployment. Following Session 2, DEEP and other stakeholders will develop a strategic plan to address barriers to heat pump adoption. This strategic plan will be incorporated into annual C&LM Plan updates.

**Invitation for presentations** – DEEP welcomes proposals from individuals and organizations who wish to provide presentations during any of the sessions. Interested parties should send e-mail to [DEEP.EnergyBureau@ct.gov](mailto:DEEP.EnergyBureau@ct.gov) by August 8, 2022, at 5:00 p.m. Please include the session number, the name of the individual who would present, the topic(s) the presentation would cover, and a phone number. In developing the agenda for each session, DEEP will consider the proposals received.

**Zoom** – All sessions will be held via Zoom. Individuals wishing to attend are required to register via the links provided below. Note that each session has a unique registration link. Participants must register for each session they intend to attend.

**Agendas** – DEEP expects to distribute a formal agenda prior to each session. Tentative agendas are shown below and are subject to change. DEEP may issue additional information or request additional information from participants in advance of each session.

**Recordings** – DEEP will record all sessions and post the recordings on the [CES web page](#).

**Public comment during the meetings** – Each session will provide an opportunity for oral public comments.

**Written comments** – DEEP expects to issue a solicitation within a few weeks for written comments in conjunction with the meetings.

**Session 1 – Thursday, September 1, 2022 – 9 a.m. to 5 p.m.**

**Introduction and foundational issues, Part A – End uses that are hard to decarbonize**

- Introduction
  - General introduction to the CES technical meetings and schedule
  - Summary of priority issues that will be given attention throughout the technical meetings
- Foundational issues, Part A – End uses that are hard to decarbonize
  - Introduction
  - Hard-to-decarbonize end uses:
    - Industrial thermal processes
    - Long-distance trucking
    - Aviation
    - Maritime
- Public comment

Register for Session 1:

[https://ctdeep.zoom.us/meeting/register/tZYkdu-sqDIvHNAwhgSd7M09w246\\_rFWEP7V](https://ctdeep.zoom.us/meeting/register/tZYkdu-sqDIvHNAwhgSd7M09w246_rFWEP7V)

**Session 2 – Thursday, September 22, 2022 – 9 a.m. to 5 p.m.**

**Building thermal decarbonization, Part A – Heat pump barriers and market strategies**

- Introduction
- General market overview
- Barriers to adoption
- Strategies: Workforce development and quality assurance
- Strategies: Marketing, education, and consumer support
- Strategies: Deployment in affordable housing
- Public comment

*Note: Additional strategies will be addressed when this session continues on Sept. 23.*

Register for session 2:

<https://ctdeep.zoom.us/meeting/register/tZEtc--tqDstG90mhU86tN2Em8sv08X3qKhp>

**Session 2 continuation – *Friday*, September 23, 2022 – 9 a.m. to noon**

**Building thermal decarbonization, Part B – Heat pump barriers and market strategies**

- Introduction
- Strategies: Co-delivery of heat pumps with other supportive measures
- Strategies: Incentives and measure delivery
- Public comment

*Note: This is a continuation of the Sept. 22 session.*

Register for session 2 continuation:

<https://ctdeep.zoom.us/meeting/register/tZ0kfu6sqzwqGtcrrWRZyN-fpndqrZ-LjiZn>

**Session 3 – *Friday*, September 23, 2022 – 1 p.m. to 5 p.m.**

**Building thermal decarbonization – Support strategies**

- Introduction
- Geographic inventory of thermal resources and demand
- Building codes
- District heating/cooling, including geogrids
- Workforce development for clean heating and cooling technologies beyond heat pumps
- Education and promotion for clean heating and cooling technologies beyond heat pumps
- Public comment

Register for session 3:

[https://ctdeep.zoom.us/meeting/register/tZModOGppjMtGdfuBJtY\\_EDXGLLsfk5IapL8](https://ctdeep.zoom.us/meeting/register/tZModOGppjMtGdfuBJtY_EDXGLLsfk5IapL8)

**Session 4 – Thursday, *October 6*, 2022 – 9 a.m. to 5 p.m.**

**Building thermal decarbonization – Economic potential and technology targets**

- Introduction
- Economic potential for weatherization
- Economic potential of individual renewable thermal technologies, suitable 2030 and 2050 deployment targets for each, and primary interventions needed to accomplish these targets (residential/commercial; new/existing buildings; whole building/partial building)
  - Air-source heat pumps without thermal storage
  - Air-source heat pumps with thermal storage
  - Ground-source heat pumps
  - Enhanced geothermal ([link](#))
  - Solar water heating
  - Solar space heating
  - Biodiesel
  - Renewable natural gas
  - Green hydrogen
  - Compost heat recovery
- Public comment

Register for session 4:

[https://ctdeep.zoom.us/meeting/register/tZEkdeyqqz0sHNcg\\_SSEw9pXSm7COW5ZXtr2](https://ctdeep.zoom.us/meeting/register/tZEkdeyqqz0sHNcg_SSEw9pXSm7COW5ZXtr2)

## **Additional technical sessions**

DEEP is planning additional technical sessions. Dates for these sessions will be announced in the near future.

Session 5: Demand response, date TBA

Session 6: Alternative fuels, date TBA

Session 7: Foundational issues, Part B – Carbon pricing and low-carbon incentives, date TBA

## **Written comments**

DEEP expects to issue a solicitation within a few weeks for written comments in conjunction with the meetings.

**The Connecticut Department of Energy and Environmental Protection is an Affirmative Action/Equal Opportunity Employer that is committed to complying with the requirements of the Americans with Disabilities Act. Please contact us at (860) 418-5910 or [deep.accommodations@ct.gov](mailto:deep.accommodations@ct.gov) if you: have a disability and need a communication aid or service; have limited proficiency in English and may need information in another language; or if you wish to file an ADA or Title VI discrimination complaint. Any person needing a hearing accommodation may call the State of Connecticut relay number - 711. Requests for accommodations must be made at least two weeks prior to any agency hearing, program, or event.**