



March 18, 2022

SECTION 16a-3d of the CONNECTICUT GENERAL STATUTES – COMPREHENSIVE ENERGY STRATEGY

NOTICE OF TECHNICAL MEETING AND REQUEST FOR WRITTEN COMMENT ON HYDROGEN OPPORTUNITIES

I. Introduction

By way of this notice, the Department of Energy and Environmental Protection (DEEP) announces a Technical Meeting regarding incorporating a strategy for development of hydrogen resources into the 2022 Comprehensive Energy Strategy (CES). Under Section 16a-3d of the Connecticut General Statutes, DEEP is charged with preparing a CES for the state every four years. The CES examines future energy needs in the state and identifies opportunities to reduce costs for ratepayers, ensure reliable energy availability, and mitigate public health and environmental impacts of Connecticut's energy use, such as greenhouse gas (GHG) emissions and emissions of criteria air pollutants.

On February 17, 2022, DEEP held a scoping meeting to seek public input on the scope of topics that the CES will focus on. Among the topics included in DEEP's draft CES scope were emerging technologies and the role they can provide in meeting Connecticut's climate goals and resource adequacy, including but not limited to green hydrogen.

DEEP also notes that the federal Infrastructure Investment and Jobs Act allocates \$9.5 billion for the U.S. Department of Energy's hydrogen initiatives¹ including:

1. \$8 billion for regional clean hydrogen hubs,
2. \$1 billion for a clean hydrogen electrolysis program, and
3. \$500 million for hydrogen manufacturing and recycling initiatives.

Hydrogen investments under the Infrastructure Investment and Jobs Act are a key component in the federal government's goal of decarbonizing the industrial and transportation sectors of the national economy. The information and public input gathered through the CES process will inform DEEP and the public on potential approaches and considerations for federal funding opportunities that will benefit Connecticut.

¹ [DOE Establishes Bipartisan Infrastructure Law's \\$9.5 Billion Clean Hydrogen Initiatives | Department of Energy](#)

II. Technical Meeting and Request for Written Comments

DEEP seeks stakeholder input to inform the CES's planning around hydrogen. As indicated in the [CES Scoping Notice](#), DEEP anticipates evaluating emerging technologies such as green hydrogen as part of the CES development, considered from the standpoint of economic development, affordability, reliability, equity, environmental justice, and decarbonization. In addition, given the upcoming deadlines with federal funding opportunities associated with hydrogen development, DEEP looks forward to stakeholder input in the CES proceeding that can inform DEEP's participation in and support of any Connecticut-related proposals advanced for funding by the U.S. Department of Energy.

In aid of this, DEEP will hold a virtual Technical Meeting on Hydrogen Opportunities on **Wednesday, April 6, 2022, at 10:00 AM via Zoom**. DEEP is requesting presentations from interested stakeholders on hydrogen opportunities in the State of Connecticut, including but not limited to the following topics:

1. Potential end uses of hydrogen-fueled energy in Connecticut, that are consistent with the State's policy goals and objectives, including related to economic development, reliability, environmental justice, and decarbonization.
2. Technical issues, and other considerations surrounding the production of different types of hydrogen, including but not limited to green hydrogen.
3. Discussion of what the state needs to do to create an ecosystem supportive of hydrogen that is consistent with the appropriate uses of hydrogen given state policies, particularly decarbonization of energy usage in the state.
4. Discussion of the readiness of the state's workforce for hydrogen-related jobs and initiatives that can better prepare the workforce for hydrogen-related jobs.
5. Discussion of the ways hydrogen opportunities can be pursued equitably, to maximize benefits to environmental justice communities, and reduce burdens of air pollution, climate change impacts, or energy affordability on disproportionately affected communities.
6. Issues or opportunities DEEP should consider in developing or supporting any applications for incentives or programs funded by the federal Infrastructure Investment and Jobs Act.

Stakeholders with interest or expertise in the hydrogen topics above should email DEEP.EnergyBureau@ct.gov to express interest in presenting on the topics listed above at the Technical Meeting by **4:00 PM Friday, March 25, 2022**, indicating particular topic(s) they would like to present on. From the list of potential presentations, DEEP will select a set of presentations for the Technical Meeting to ensure all topics listed above are included in the discussion. DEEP encourages stakeholders to, where possible, work together to limit the number of presentations and allow for more conversation at the Technical Meeting. DEEP will also reserve time at the end of the technical meeting for public comments.

Those interested in attending the Technical Meeting may [register via Zoom with this link](#). DEEP will continue to engage stakeholders both formally and informally on this topic.

DEEP will also accept the submission of written comments on these topics after the technical meeting. Written comments may be filed electronically on [DEEP's Web Filing System](#) or submitted directly to DEEP at DEEP.EnergyBureau@ct.gov and should include "Hydrogen Power Comments" in the subject line and be submitted by **4:00 PM April 15, 2022**. All materials submitted by stakeholders and other participants in this proceeding will be posted on the DEEP's Web Filing System.

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 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.