

## **Hydrogen Power Study Task Force**

### Final Resolution

**WHEREAS**, on a nearly unanimous bipartisan basis the Connecticut General Assembly passed and Governor Lamont signed on May 23, 2022 Special Act 22-8 “An Act Establishing a Task Force to Study Hydrogen Power” (“the Act”);

**WHEREAS**, the Act requires appointments of sixteen members and five ex officio designations to the Task Force within 30 days of its signing, of which all appointments and ex officio designations were eventually filled except two appointees;

**WHEREAS**, the Act designates the President of the Connecticut Green Bank (“Green Bank”) as the Chairperson, and requires the Chairperson to schedule and hold the first meeting of the Task Force within 60 days of its signing, which took place on July 12, 2022;

**WHEREAS**, the Act requires the Task Force to submit a report to the Energy and Technology Committee by January 15, 2023 to study hydrogen-fueled energy in the state’s economy and energy infrastructure, including its findings and recommendations in the following seven areas:

1. A review of regulations and legislation needed to guide the development and achievement of economies of scale for the hydrogen ecosystem in the state
2. An examination of how to position the state to take advantage of competitive incentives and programs created by the federal Infrastructure Investment and Jobs Act
3. Recommendations for workforce initiatives to prepare the state's workforce for hydrogen fueled energy-related jobs
4. An examination of the sources of potential clean hydrogen, including, but not limited to, wind, solar, biogas and nuclear
5. Recommendations for funding and tax preferences for building hydrogen-fueled energy facilities at brownfield sites through the Targeted Brownfield Development Loan Program,
6. Recommendations regarding funding sources for developing hydrogen fueled energy programs and infrastructure,
7. Recommendations for potential end uses of hydrogen-fueled energy;

**WHEREAS**, in addition to the areas identified within the Act, the Task Force also included infrastructure (i.e., transportation and storage), as well as environmental justice and just transition within its areas of study;

**WHEREAS**, to support the Task Force, the Green Bank issued a competitive Request for Proposals to identify a facilitator and technical assistance provider resulting in the contracting of Strategen Consulting (“Strategen”);

**WHEREAS**, to support the Task Force, in its efforts to delve further into the specific areas of analysis, five Working Groups were established and co-chaired by industry experts, as follows:

- Policy and Workforce Development – co-chaired by the Department of Energy and Environmental Protection (“DEEP”) and Public Utilities Regulatory Authority (“PURA”)
- Funding – co-chaired by DEEP and the Department of Economic and Community Development (“DECD”)

- Hydrogen Sources – co-chaired by University of Connecticut and Nel Hydrogen
- Hydrogen Infrastructure – co-chaired by Avangrid and Nel Hydrogen
- Hydrogen Uses – co-chaired by the Connecticut Center for Advanced Technology, Avangrid, and Eversource Energy;

**WHEREAS**, to support the open and transparent process of the Task Force, the Green Bank and Strategen established a regular meeting schedule of the Task Force and Working Groups, including, but not limited to, listing meeting agendas on the Secretary of State Public Meeting Calendar, Green Bank dedicated hydrogen webpage ([www.ctgreenbank.com/hydrogentaskforce](http://www.ctgreenbank.com/hydrogentaskforce)), recording and posting meetings with CT-N (“Connecticut Network”), posting meeting minutes and materials (including Spanish translation of certain materials), promoting meetings through various channels for public engagement, and hosting a public listening session and providing an opportunity for written public comments;

**WHEREAS**, with the objective to engage the Task Force, Working Groups, and other stakeholders, the Green Bank and Strategen hosted seven (7) Task Force and twenty (20) Working Group meetings open to the public online as well as in-person at various hydrogen and fuel cell locations around the state, including the University of Connecticut’s Innovation Partnership Building in Storrs, Nel Hydrogen’s electrolysis manufacturing plant in Wallingford, Fuel Cell Energy’s stationary fuel cell manufacturing plant in Torrington, HyAxiom’s stationary fuel cell manufacturing plant in South Windsor, and Dominion Energy’s Millstone Nuclear Power Station in Waterford;

**WHEREAS**, with the objective to educate the Task Force, Working Groups, and other stakeholders, the Green Bank and Strategen included hydrogen and fuel cell experts from the Lawrence Berkeley National Laboratory and Sandia National Laboratory, and environmental justice and just transition professionals from the Greater Bridgeport Community Enterprises and Connecticut Roundtable on Climate and Jobs within the process;

**NOW THEREFORE BE IT RESOLVED:**

**RESOLVED**, that the Task Force on January 10, 2023 in unanimous approves the final study reasonably reflects the findings as identified, analyzed, and deliberated within the process and the diversity of stakeholder perspectives on the findings;

**RESOLVED**, that the Task Force on January 10, 2023 in unanimous approves the final study reasonably reflects the recommendations as identified, analyzed, and provided by the Working Groups and deliberated by the Task Force within the process and the diversity of stakeholder perspectives on the findings;

**RESOLVED**, that the Green Bank shall submit the final study to the Energy and Technology Committee on January 15, 2023, whereby the Task Force shall simultaneously terminate its duties per the Act;

**RESOLVED**, that the Green Bank, in its role as Chairperson of the Task Force, respectfully requests that the Energy and Technology Committee Introduce a Committee Bill for debate called “Hydrogen Fueled Energy in Connecticut’s Economy and Energy Infrastructure” within the 2023 legislative session to address the Legislative recommendations included in the Task Force report submitted by the Green Bank;

**RESOLVED**, that members of the Task Force and Strategen, will make themselves available, as appropriate, for hearings of the Energy and Technology Committee with respect to the proposed Committee Bill within the 2023 legislative session and request to make a formal presentation to the Energy and Technology Committee led by Strategen and supported by the Green Bank regarding the findings and recommendations of the Task Force.