

IIJA and IRA Funding Opportunities

Issue Area – Hydrogen

Clean Hydrogen Electrolysis Program

This program will fund demonstration projects that produce clean hydrogen using electrolyzers and projects that validate information on the cost, efficiency, durability, and feasibility of commercial deployment of these technologies for the purposes of reducing the cost of hydrogen produced by electrolyzers to less than \$2/kg of hydrogen by 2026 ([40 U.S. Code § 16161d](#)).

Eligible Applicants – Industry Partners

State Legislative Opportunities to Support

- Instruct the utility commission to identify areas of constraint on the transmission system that could be served by hydrogen storage combined with clean energy resources.
- Instruct the utility commission to evaluate the costs of renewables or other zero carbon generation resources with hydrogen storage back up (considering the clean energy and clean hydrogen production tax credits), to compare energy storage resources.
- Establish a policy that the state will prioritize green hydrogen as a storage and dispatchable resource.
- Develop or strengthen state incentives for the development and deployment of hydrogen production technologies.



IIJA Section 40314



\$1 billion through cooperative agreements with industry partners



Status – application opening expected end of 2022



Competitive – Yes



Expiration Date – Funds available until expended



Lead Agency –
DOE - Office of Energy Efficiency & Renewable Energy



Links –

- [Clean Hydrogen Electrolysis Program](#)