

June 5, 2025

The Honorable John Thune  
Majority Leader  
United States Senate  
Washington, D.C. 20510

The Honorable Mike Crapo  
Chairman, Senate Committee on Finance  
United States Senate  
Washington, D.C. 20515

RE: Preserve the Section 45V Credit for Production of Clean Hydrogen

Dear Majority Leader Thune and Chairman Crapo,

As you consider critically important tax legislation, on behalf of the below signed businesses and organizations, **we request that you maintain the Section 45V Credit for Production of Clean Hydrogen with a commence construction date no earlier than December 31, 2029.**

The American hydrogen sector is poised to deliver on the Trump Administration's goals of global energy dominance, by onshoring manufacturing, creating hundreds of thousands of jobs, producing fuels and chemicals desired around the globe, and advancing energy independence. Section 45V is essential to achieving these goals.

Unfortunately, last month the House of Representatives singled out the hydrogen sector by terminating the 45V incentive by the end of 2025, years earlier than other energy incentives that have been in place for decades. If this course of action is adopted by the Senate, it will drive tens of billions of dollars in planned private sector investments out of the United States and into other countries.

Maintaining the 45V credit allows for a true energy diversity, which leverages America's tremendous energy resources including natural gas, hydroelectricity, nuclear power, renewable natural gas, and more. In fact, an estimated 9.8 million metric tons per annum ("mmtpa") of natural gas-based hydrogen capacity is in development across the United States, which would nearly double America's existing hydrogen production volume. According to a recent analysis by Citizens for Responsible Energy Solutions (CRES), these projects could support 60,000 jobs per year across the country between 2025 and 2035 and generate more than \$12 billion in annual GDP.<sup>1</sup> However, those projects are relying on the Section 45V credit to deliver on those investments and jobs.

Failing to act now by preserving 45V means ceding the future of hydrogen to China. While the United States debates its commitment, China is executing a sweeping and coordinated strategy to dominate the global hydrogen supply chain. In 2020, China held less than 10% of global manufacturing capacity for hydrogen production technology, today, that figure exceeds 60%. In March 2024, Beijing directed its provinces to "steadily develop" hydrogen and sustainable fuel infrastructure -- laying out a clear, coordinated strategy to corner the hydrogen market. If the United States pulls back on 45V, it risks repeating the path of other industries — where China captured global leadership while America stood still.

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<sup>1</sup> *The Economic Impact of Blue Hydrogen*. Citizens for Responsible Energy Solutions. May 2025. [https://cresforum.org/wp-content/uploads/2025/04/American-Blue-Hydrogen-04.16.25-CRES-Format\\_VF.pdf](https://cresforum.org/wp-content/uploads/2025/04/American-Blue-Hydrogen-04.16.25-CRES-Format_VF.pdf).

Keeping the 45V incentive is an extraordinary return on investment. The Joint Committee on Taxation estimated the ten-year costs for 45V at \$9.2 billion.<sup>2</sup> For the cost of less than \$1 billion a year, the United States has tens of billions of dollars of investments in announced projects located across the country. Texas and Louisiana alone have collectively more than \$40 billion of hydrogen infrastructure projects in development. In addition to these investments, each of the seven Regional Clean Hydrogen Hubs created by the bipartisan infrastructure law have at least \$4-\$5 billion in private sector investments locked in, provided that 45V is kept in place.

Retaining 45V commencement of construction through at least December 31, 2029, would allow for the *minimum* runway needed for the multi-year development cycles these projects require. Anything less puts billions in committed investments—and tens of thousands of jobs—at risk.

With political clarity and investment certainty, the 45V credit can catalyze tens of billions in private capital, revitalize domestic manufacturing, and create stable, long-term employment in construction, operations, and technology innovation. This is an unprecedented opportunity to build a modern energy workforce that is rooted in American talent and ingenuity.

On behalf of the undersigned organizations, we reiterate the critical need to maintain the Section 45V incentive and urgently request that you retain commencement of construction for this incentive through at least 2029. Our sector stands ready to work with you to secure American Hydrogen Energy Dominance. Thank you for your consideration.

Sincerely,

American Petroleum Institute  
American Gas Association  
Fuel Cell and Hydrogen Energy Association  
American Chemistry Council  
Alternative Fuels & Chemicals Coalition  
American Biogas Council  
Business Council for Sustainable Energy  
California Hydrogen Business Council  
Center for Houston's Future  
Citizens for Responsible Energy Solutions  
Clean Hydrogen Future Coalition  
Green Hydrogen Coalition

Appalachian Regional Clean Hydrogen Hub  
ARCHES Hydrogen Hub  
Gulf Coast Hydrogen Hub, HyVelocity  
Heartland Hydrogen Hub

Bay City Chamber of Commerce and Agriculture  
Baytown Chamber of Commerce  
Capital Region Chamber  
Capital Region Workforce Development Board

National Association of Manufacturers  
United States Chamber of Commerce  
Coalition for Renewable Natural Gas  
Hydrogen Fuel Cell Bus Council  
MEMA. The Vehicle Suppliers Association  
Methanol Institute  
Nuclear Hydrogen Initiative  
Renewable Hydrogen Alliance  
Southeast Hydrogen Energy Alliance  
Texas Hydrogen Alliance  
The Ohio Fuel Cell and Hydrogen Coalition  
United States Hydrogen Alliance

Mid-Atlantic Clean Hydrogen Hub  
Midwest Alliance for Clean Hydrogen  
Pacific Northwest Hydrogen Association

Carlisle Area Chamber of Commerce  
Cedar Park Chamber of Commerce  
Central Louisiana Regional Chamber of Commerce

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<sup>2</sup> JCX-22-25R. *The Joint Committee on Taxation*. May 2025. <https://www.jct.gov/publications/2025/jcx-22-25r/>.

Chamber of Commerce Southern New Jersey  
Forward Lawrence Chamber and Economic  
Alliance  
Greater Beaumont Chamber of Commerce  
Greater Port Arthur Chamber of Commerce  
Greater New Orleans, Inc  
Greater Shreveport Chamber  
Houma Terrebonne Chamber of Commerce  
Houston West Chamber of Commerce  
Leaders for a Better Louisiana  
Longview TX Chamber of Commerce

174 Power Global  
3Degrees  
AB Aero Partners LLC  
AC Transit  
ACCIONA & Nordex Green Hydrogen  
AGFA  
Air Water America Inc.  
Air Liquide USA LLC  
AIRCO  
Alaska Applied Sciences, Inc.  
Alder Renewables  
Amber Waves Energy  
Ambient Fuels  
Ameresco  
ANDnotOR LLC  
ANGI Energy Systems, LLC  
Arcadia eFuels  
Ardent Underground Inc.  
Aspen Consulting Services, Inc.  
Aternium  
Atlantic County Utilities Authority  
Atlas Agro  
Audubon Companies  
Avina Clean Hydrogen Inc.  
AVSG, LP  
Ballard Power Systems Inc.  
Baker Tilly Advisory Group, LP  
BEAM Capital LLC  
Bechtel Energy Inc.  
Bennett Pump  
Bhyo  
Biorenewable Deployment Consortium LLC  
Bontaz Center  
Bosal Energy  
BWR Innovations LLC  
California Catalyts

Louisiana Association of Business & Industry  
Mason County Development Authority  
Metro San Antonio Chamber  
One Acadiana  
Somerset County PA Chamber  
Temple Chamber of Commerce  
The Business Council of NYS, Inc.  
United Corpus Christi Chamber of Commerce  
Westmoreland County Chamber of Commerce  
Williamsport/Lycoming Chamber of Commerce

Carbon-Neutral Consulting LLC  
Cavendish Hydrogen Inc.  
Center for Economic Growth  
Center for Transportation and the Environment  
CHARGE  
CIMtech Green Energy  
City of Richland, Washington  
Clean Energy Economy MN  
Clean Energy Institute at UC Irvine  
ConservAmerica Action  
Conservative Energy Network of Pennsylvania  
Conservative Texans for Energy Innovation  
Conservatives for Clean Energy  
CP Industries Holdings Inc.  
Cummins Inc  
Cyclum NextGen Travel Centers  
DG Fuels  
Diesel Tech Industries  
DuPont  
Dynamis Energy, LLC  
Eastward H2  
EcoEngineers  
Electric Hydrogen  
Electrify Now  
Electrochaea  
Element Resources Inc.  
Elementale Enterprises Inc  
Elite Industrial Consultants LLC.  
Emissol LLC  
Empire Diversified Energy, Inc.  
ENGIE North America  
Energy Estate US Holdings LLC  
Engineering, Procurement & Construction Inc  
Energy Texas, Inc.  
Exolum  
Extrinite

Fidelis New Energy, LLC  
Fiedler Group  
First Ammonia  
First Public Hydrogen Authority  
Focus Clean Energy, LLC  
Foothill Transit  
Forest Concepts, LLC  
Fortescue  
FRIEM America Inc.  
Greeley Green Energy  
Green Stewardship, LLC  
GTL LEASING LLC  
Gulf Coast Industrial Group  
GV Bean Co  
H Cycle  
H2 Technology Consortium Inc.  
H2B2 USA, LLC  
Hago Energetics Benefit Corporation  
Heraeus Precious Metals, North America  
HIF Global  
Honeywell International  
HTEC  
Hy24  
HyAxiom  
HydroFleet, Inc.  
Hyundai Motor North America  
Hyviva  
ILF Consulting Engineers  
Infinium  
Integrity Engineers and Constructors, LLC  
International Brotherhood of Electrical Workers  
Local #280  
Iron Workers Local 86  
Ironworkers Local 29  
Ivys Energy Solutions  
J.A. Paterson LLC  
JCDREAM  
JOHN COCKERILL  
Johnson Matthey, Inc.  
Johnston Engineering, PLLC  
jsjs consulting llc  
Koloma  
Lake Charles Methanol II  
Landus Cooperative  
LF Bioenergy  
Life Cycle Associates  
Live Oak Environmental, LLC  
Living Carbon

Long Rider Industrial, Inc.  
Los Angeles Chapter, National Electrical  
Contractors Association  
Luxfer Gas Cylinders  
Lydian  
Messer Americas Inc.  
Midwest Bioprocessing Center  
Millennium Reign Energy LLC  
Milestone Industrial Services  
Momentum  
Monolith  
Mote  
M.R.S. Enterprises, LLC  
Nano Fixation, Inc.  
Nel Hydrogen  
NEUMAN & ESSER USA, INC.  
NeuVentus  
NewHydrogen  
Nexceris  
Northwest Advanced Bio-Fuels, LLC  
NOVASPARK ENERGY CORP  
NovoHydrogen  
nwcinc./wolv  
NXTClean Fuels, Inc.  
Oberon Fuels  
OCOchem  
O'CONNOR COMMERCIAL  
Olin  
Omnitrans  
OP Mobility H2 Power  
OpticAmpere LLC  
P2 Systems  
Pacific Hydrogen LLC  
Pacific NorthWest Economic Region  
PDC Machines, LLC  
Performance Contractors, Inc.  
PH Machine Works, LLC  
Plug Power Inc.  
Port of Long Beach  
Port of Seattle  
Port of Victoria  
Power to Hydrogen Inc.  
Proteum Energy Corporation  
PSM - a Hanwha company  
Quest One North America, Inc.  
Raven SR  
Renewable Innovations  
Rommel Enterprises Construction Services, Inc.

Resource Management Service LLC  
Risser Consulting, LLC  
Saoradh Enterprise Partners  
Schaeffler Group  
SEPMI  
SGH2 Energy Global Corp.  
Siemens Energy, Inc.  
Skagit Transit  
Special Power Sources  
St. Regis Solar H2  
Stegra  
StormFisher Hydrogen  
SunGas Renewables  
SunLine Transit Agency  
SWITCH Maritime LLC  
Symbio North America Corporation  
TalusAg  
Teledyne Energy Systems  
Ten08 Energy  
TES  
Texas Hydrogen  
The Pacific Northwest Battery Collaborative  
The Red Lion Agency LLC  
ThermoChem Recovery International, Inc.  
thyssenkrupp-nucera USA  
Topsoe, Inc.  
Toyota Motor North America  
TRC Companies, Inc.  
TSS Consultants  
Twelve  
University of Washington  
USA BioEnergy  
Vema Hydrogen  
Verbio North America Holding, Corp  
Verdantas  
Versogen  
Vontier Corporation  
VulcanX Energy Corp.  
W. L. Gore & Associates  
W2E Renewable Solutions, Inc  
Washington Maritime Blue  
Washington Trucking Associations  
World Energy  
Worley  
Work Cat Holdings  
Winchester Ridge/ Solar Hydrogen  
WV Manufacturers Association  
Yosemite Clean Energy, LLC

ZeroAvia  
ZEV Station