

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 House of Representatives
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.¹ 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.

¹ *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.

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.² 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, Inc.
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

² 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
Leaders for a Better Louisiana

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
Bennett Pump
Bhyo
Biorenewable Deployment Consortium LLC
Bontaz Center
Bosal Energy
BWR Innovations LLC
California Catalysts
Carbon-Neutral Consulting LLC
Cavendish Hydrogen Inc.
Center for Economic Growth

Longview TX Chamber of Commerce
Louisiana Association of Business & Industry
Metro San Antonio Chamber
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

Center for Transportation and the Environment
CHARGE
City of Richland, Washington
Clean Energy Economy MN
Clean Energy Institute at UC Irvine
Conservative Energy Network of Pennsylvania
CP Industries Holdings Inc.
Cummins Inc
Cyclum NextGen Travel Centers
DG Fuels
DuPont
Dynamis Energy, LLC
Eastward H2
EcoEngineers
Electric Hydrogen
Electrify Now
Electrochaea
Element Resources Inc.
Emissol LLC
Empire Diversified Energy, Inc.
ENGIE North America
Energy Estate US Holdings LLC
Engineering, Procurement & Construction Inc
Energy Texas, Inc.
Exolum
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
H2B2 USA, LLC
Heraeus Precious Metals, North America
HIF Global
Honeywell International
Hy24
HyAxiom
HydroFleet, Inc.
Hyundai Motor North America
Hyviva
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.
jsjs consulting llc
Koloma
Lake Charles Methanol II
Landus Cooperative
LF Bioenergy
Life Cycle Associates
Live Oak Environmental, LLC
Living Carbon
Los Angeles Chapter, National Electrical
Contractors Association
Luxfer Gas Cylinders
Lydian
Messer Americas Inc.
Midwest Bioprocessing Center
Millennium Reign Energy LLC
Momentum
Monolith
Mote
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
O'CONNOR COMMERCIAL
Olin
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
Resource Management Service LLC
Risser Consulting, LLC
Saoradh Enterprise Partners
SEPMI
SGH2 Energy Global Corp.
Siemens Energy, Inc.
Skagit Transit
Special Power Sources
St. Regis Solar H2
Stegra
StormFisher Hydrogen
SunGas Renewables
Symbio North America Corporation
TalusAg
Teledyne Energy Systems
Ten08 Energy
TES
Texas Hydrogen
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
Verdantas
Versogen
Vontier Corporation
W. L. Gore & Associates
W2E Renewable Solutions, Inc
Washington Maritime Blue
Washington Trucking Associations
Work Cat Holdings
Winchester Ridge/ Solar Hydrogen
WV Manufacturers Association
Yosemite Clean Energy, LLC
ZeroAvia
ZEV Station