August 10, 2020

The Honorable Nancy Pelosi Speaker of the U.S. House of Representatives 1236 Longworth House Office Bldg. Washington, DC 20515

The Honorable Nita Lowey Chairman, House Appropriations Committee 2365 Rayburn House Office Bldg. Washington, DC 20515 The Honorable Kevin McCarthy Minority Leader, U.S. House of Representatives 2468 Rayburn House Office Bldg. Washington, DC 20515

The Honorable Kay Granger
Ranking Member, House Appropriations
Committee
1026 Longworth House Office Bldg.
Washington, DC 20515

Dear Speaker Pelosi, Minority Leader McCarthy, Chairman Lowey, and Ranking Member Granger:

The COVID-19 public health crisis has imposed challenges on our nation unlike anything we have seen in recent memory. It has devastated American public health and economic stability, and its painful repercussions will be felt for years to come.

The first waves of the U.S. government response rightly focused on disaster relief, distributing emergency resources to the healthcare providers, communities, businesses, and individuals in need. But now, it is critical to ensure that federal investments in rebuilding our economy are made strategically and responsibly.

In early March 2020, over <u>3.2 million Americans</u> worked in clean energy, more than any other energy sector. Clean energy industries have been <u>growth sectors of the U.S. energy economy</u> over the past decade, and wind and solar accounted for the <u>fastest-growing occupations</u> in America. Before the pandemic, these sectors were all ripe for further workforce growth, with many clean energy businesses <u>reporting greater demand than availability</u> of skilled workers. Now, more than half a million clean energy workers have lost their jobs.

Supporting the clean energy industry would create both immediate AND long-term benefits by generating well-paid manufacturing and construction jobs in every part of the country while creating a stronger, healthier, and more resilient future for our nation. Clean energy investment will strengthen our economy, put people back to work, and create even more jobs in the future. Our nation's workers, our economy, and our climate, cannot afford the cost of inaction.

With your leadership and partnership, the clean energy industry can power America into a thriving tomorrow. As cleantech CEOs, supply chain providers, entrepreneurs, and partners, these are our recommendations for any upcoming economic stimulus or infrastructure packages:

## 1. Leverage federal investments to put clean energy workers back on the job

While many clean energy projects sit idle, the clock continues to run out on soon-to-expire tax incentives. Congress should provide a forward-looking extension of the credits for renewable energy, energy efficiency, carbon capture and removal, and alternative fuel and electric vehicles to help get these industries back on their feet and provide a lifeline to the more than 3 million Americans employed in these sectors. Moreover, Congress should make these credits refundable (and/or available as a direct payment) to more readily deploy investment capital and help make energy improvements affordable for businesses and homeowners who have experienced a reduction in taxable income this year.

This extension should also provide parity to various technologies currently left out of the tax code, such as storage, offshore wind, waste heat to power, and linear generators, and strengthen and modernize energy efficiency credits. It is critical to design these refundable credits in such a way to be workable for all technologies. Such a program could help put hundreds of thousands to work building America's clean energy economy, and revive American manufacturing and put our country back to work.

## 2. Bolster federal research, development, and deployment to restart our nation's innovation engine

As we move into recovery, we also need to develop and rapidly scale new technologies that will help us regain our leadership in the global economy. This work begins with the entrepreneurs across this nation who are developing new energy solutions that will power our local economies.

Supplemental appropriations provided in the economic stimulus bill or FY2021 omnibus should significantly boost internal and extramural clean energy programs at the Department of Energy and other federal agencies. Once the immediate crisis is over, it is time to double down on the federal RD&D programs that support energy innovation, commercialization, and deployment. Lawmakers should also make sure federal RD&D programs are accessible and impactful for small businesses, which account for more than 99% of U.S. employer firms and will be critical to our economic recovery.

## 3. Promote strategic investments in resilient infrastructure

As we rebuild from this crisis, we should address long-standing vulnerabilities in how we power our businesses, homes, and critical infrastructure. The current pressures on our healthcare system, emergency response providers, grocery stores, utilities, goods movement providers, governments, and other critical infrastructure are unparalleled. An unprecedented number of people are now working remotely and remaining isolated in their homes. At this time, any major power outages could be devastating.

As Congress decides how to prioritize investments in a stimulus bill or other infrastructure legislation, we urge lawmakers to direct resources toward advanced energy solutions that will strengthen our energy resilience. Hundreds of thousands of clean energy jobs are at stake. Our nation's workers, and our climate, cannot afford the cost of inaction.

Thank you for the important work you are doing to help the United States weather this crisis. We are committed to working with you to rebuild a stronger America and look forward to partnership as we build a booming clean energy economy, together.

Sincerely,

Lynn Abramson, President
Clean Energy Business Network

Washington, DC

Daniel Dus, Manager
ADANI SOLAR USA, INC

Irving, TX

Ben Samways, EVP

**AEDG** 

Philadelphia, PA

Lisa Albrecht, Owner

All Bright Solar Chicago, IL

Nathan McDonnell, CEO
Alternative Resource Group

Costa Mesa, CA

Vic Shao, CEO **AMPLY Power, Inc.**Mountain View, CA

Jake Rozmaryn, Senior Vice President

**Antenna** Brooklyn, NY

Senaka Rajapakse, President Aqua Mania Spiel. Z O. O. Ostrów Wielkopolski, WI

Michael Bergey, President & CEO

**Bergey Windpower Co.** 

Norman, OK

Scott Martin, Vice President

**3Degrees, Inc.** Granite Bay, CA

Rob Monteith, CEO

**Advance Renewable Concept Industries** 

Bridgewater, MA

Veery Maxwell, Partner **Ajax Investment Strategies** 

San Francisco, CA

Chris Fraga, Founder & CEO

Alternative Energy Development Group, LLC

Berwyn, PA

Dan Bruer, Executive Amplify Philanthropy

Raleigh, NC

Michael Sams, CEO & President

**AMSEnergy Corp** Columbia, TN

Justine Burt, CEO

**Appraccel** Palo Alto, CA

Mitchell Jacobson, Executive Director

**Austin Technology Incubator** 

Austin, TX

Doug Ebersole, Marketing Director **BioResource Management, Inc.** 

Allentown, PA

Ryan Kladar, Principal

**Blackbird Bell** San Francisco, CA

Andrew Breiter-Wu, President **Breiter Planet Properties** 

Boston, MA

Pat Sapinsley, CEO **Build Efficiently, LLC** 

New York, NY

Greg Kats, Executive

Capital E

Washington, DC

Ion Yadigaroglu, Managing Partner

**Capricorn Investment Group** 

Palo Alto, CA

Joe Hagerty, Data Scientist

Carhartt Fenton, MI

Rob Appelhof, CEO **Cedar Creek Energy** 

Blaine, MN

David Arfin, CEO **Certain Solar** Palo Alto, CA

Jesse Truax, CEO **Clean Energy Social** 

Denver, CO

Thomas Matzzie, CEO CleanChoice Energy Bethesda, MD

Kenneth Schaal, Principal CommonWealth Solar, LLC

Ashland, VA

Julian Dash, Founder

Copacity Providence, RI Eric Graber-Lopez, President

**BlueWave Solar** Brookline, MA

Tr Ludwig, Solar **Brooklyn SolarWorks** 

Brooklyn, NY

Rich Kassel, Gov/Community Relat. Advocate

Capalino+Company

New York, NY

Cyrus Tingley, Mger, Business Development

**Capital Power** Providence, RI

Jen Derstine, VP, Marketing and Distribution

**Capstone Turbine Corporation** 

Van Nuys, CA

Claire Broido Johnson, Founder & President

**CBJ Energy** Baltimore, MD

Suzanne Russo, Pecan Street Inc.

CEO Austin, TX

Elizabeth Halliday, COO

**Clean Capitalist Leadership Council** 

Amagansett, NY

Jon Powers, President

CleanCapital New York, NY

Thomas Breunig, President **Cleantech Media Group** 

Emeryville, CA

Susan Brodie, Managing Director **Convergence Associates LLC** 

Littleton, CO

Thomas King, Managing Partner

**CrossRiver Capital, LLC** 

Katonah, NY

David Lee, Director

**Diamond Scientific Consulting** 

Conroe, TX

Catherine McLean, CEO

**Dylan Green** Arlington, VA

Amy George, CEO **Earthly Labs**Austin, TX

Geoffrey Eisenberg, Partner **Ecosystem Integrity Fund** 

San Francisco, CA

Karan Gupta, Owner **Elemental Consulting** 

Kansas City, KS

Ryan Spies, Director

**Employed** 

Bala Cynwyd, PA

Timothy Cali, Sr. Business Development Mgr

Enel

Lincoln, CA

Jamal Russell Black, Analyst

**ENGIE Impact** Cotati, CA

Delcie Dobrovolny, Principal **Equiterra Regenerative Design** 

Albuquerque, NM

Suma Reddy, Co-Founder/COO

Farmshelf New York, NY

Patrice Horner, Director Financial Consulting Firm Clinton Township, MI

Brian Grunkemeyer, CEO

FlexCharging Redmond, WA Jeff Weiss, Executive Chairman

**Distributed Sun** Washington, DC

Bob Keefe, Executive Director

**E2** 

San Francisco, CA

Philip Brennan, CEO

**Echogen Power Systems, Inc.** 

Akron, OH

Mitchell Cohodes, Sr. Analyst - Valuations

**EDFR** 

San Diego, CA

Robert Cooper, CEO

**Embue** 

Wellesley Hills, MA

Jonathan Morgenstein, President, CEO

**Empowerment Solar** 

Arlington, VA

James Horstkamp, President

**Energy Select LLC** Leonardtown, MD

Nisha Desai, Founder & CEO

**Ennuity Holdings, Inc.** 

Houston, TX

Dara Bortman, Sr VP, Sales/Marketing

**Exact Solar** Yardley, PA

Jack Norbeck, Executive

**Fervo Energy** San Francisco, CA

Dann Carnes, Owner **Fireplace Editions** Chapel Hill, NC

Marco Ferrara, Executive

Form Energy Somerville, MA Damian Mora, Energy Coordinator

**Garbett Homes**Salt Lake City, UT

Ranbir Singh, President GeneSiC Semiconductor Inc.

Sterling, VA

Nick Gilewski, Engineer/Owner **Go Green Electrically, Inc.**North Tonawanda, NY

Peter Schubert, President Green Fortress Engineering

Greensburg, IN

Emily Reichert, CEO **Greentown Labs, Inc.** Somerville, MA

Vijay Betanabhatla, Associate Director

**Guidehouse** Austin, TX

Guy Van Syckle, Senior Manager

Hannon Armstrong San Diego, CA

Patricia Sharkey, Executive Director

**Heat is Power** Chicago, IL

Keaton Smith, Commercial Relationship Mgr

**Iberia Bank**Fayetteville, AR

Marieke Spence, Executive Director

**Impact Capital Managers** 

New York, NY

James Baus, Executive

**Industrial Chemicals Corporation** 

Penuelas, PR

Mark Richards, SVP

**Intermountain Wind and Solar** 

Woods Cross, UT

Jigar Shah, President **Generate Capital** Bethesda, MD

Matt De La Houssaye, Director

**Global Green** New York, NY

Ramsay Ravenel, Executive Director

**Grantham Foundation** 

Boston, MA

Roy Grimes, President **Greensmart, Inc.** Sacramento, CA

John Franzino, CEO

**Grid Subject Matter Experts, LLC** 

Folsom, CA

Scott Gale, Executive Director

**Halliburton Labs** 

Spring, TX

Martin McLarnon, Manager Harvest energy services

Parker, CO

Wesley Goldstein, Managing Partner

Hobbs & Towne, Inc. Mill Valley, CA

Prithviraj Nair, Project Manager

**Illinois Solar Decathlon** 

Champaign, IL

Tom Chentnik, Owner

**Independent Green Technologies of Texas** 

Roanoke, TX

Leonel Trujillo, President

**Inland Mechanical Services Inc** 

Corona, CA

Josh Cable, CEO
InventWood
College Park, MD

Madeleine White, Senior Sales Engineer

**iUNU, Inc.** Smyrna, GA

James Hutson, President JE Hutson Enterprises, LLC

Larchmont, NY

Janice Tran, CEO **Kanin Energy** Burbank, CA

John Chaimanis, Co-Founder Managing Dir.

**KSI Kendall Sustainable Infrastructure** 

Cambridge, MA

Chris Smith, Managing Director Lighthouse Power Partners

Springboro, OH

Bennie Hayden, Founder Marketing for Green LLC

Atlanta, GA

Eric Cummings, President & CEO

**Maxout Renewables** 

Livermore, CA

Nikki Mehta, Founder Mehta Consulting Services

Reston, VA

Amanda Schienebeck, Program Manager Midwest Renewable Energy Association

Custer, WI

Michael Martin, President

MM Solar Advisory

Dallas, TX

Paul Huelskamp, CEO

**Moxion Power** Mill Valley, CA

Jim Wrathall, General Counsel

**New Energy Equity LLC** 

Annapolis, MD

Jon Jacobs, Owner Jacobs Law Firm PLLC

Washington, DC

Itai Boneh, Consultant Kando Clear Upstream

New Haven, CT

Jeff Bishop, CEO **Key Capture Energy**Salt Lake City, UT

Brian Braginton-Smith, Executive Director

**Lewis Bay Research Center** 

West Yarmouth, MA

Jeanine Cotter, President

Luminalt

San Francisco, CA

Quincy Vale, President

MassAmerican Energy LLC

Chelmsford, MA

Erick Allen, Account Executive McKinstry Essention, LLC.

Sandy, UT

Carol Maxwell, CEO

**MICROrganic Technologies** 

Saratoga Springs, NY

Adam Hall, Executive Director

**Million Solar Stars** 

Denver, CO

Jose A. Torres, Managing Partner Monllor Capital Partners LLC

San Juan, PR

Frank Dekker, Managing Partner

**NCRE** 

Rocky Mount, NC

Barton Pitts, Developer

Nexamp Solar

Downers Grove, IL

Lee Calhoun, President Northstone Solar LLC

Whitefish, MT

Chris Daum, President
Oasis Montana Inc.
Stevensville, MT

Rita Hansen, CEO

**Onboard Dynamics, Inc.** 

Bend, OR

Jacob Abramson, Founder

OnePlanet Nation Los Angeles, CA

Adam Harper, Project Coordinator

OSCEOLA Inc. Albuquerque, NM

Clay Sandidge, Energy Market Sector Leader

P2S, Inc.

Long Beach, CA

William Hersey, VP Business Development

**Pecos Wind Power** Somerville, MA

Amanda North, CEO **Plan C Advisors** San Francisco, CA

Jordan Jarrett, Co-Founder

**Powernomic** Austin, TX

Hiteshkumar Patel, Engineering Manager

**Promoris Renewable Energy** 

Englewood, CO

Rene Andre De Rosa, Chairman

**Pure Current, Inc.** Pasadena, CA

Hyon Rah, Principal & Founder

**RAH Solutions LLC**Washington, DC

Daniel Webb, Owner

Notus Clean Energy LLC

West Falmouth, MA

Steven Zausner, Managing Partner

**Office:FMA** Alexandria, VA

Tobin Booth, CEO

**OneEnergy Renewables** 

Seattle, WA

Graham Smith, CEO
Open Energy Group

New York, NY

Manish Nayar, CEO
OYA Solar NY LP
New York, NY

Pranab Duttaroy, VP, Dev. of Climate Projects

PDR Associates Energy Inc.

East Brunswick, NJ

Liz Robinson, Executive Director

**Philadelphia Solar Energy Association** 

Philadelphia, PA

David Meyers, CEO
Polaris Energy Services

Belmont, CA

Tim Woodward, Partner

**Prelude Ventures**San Francisco, CA

Ildefonso Mozas, SVP of Operations

**PS Renewables**Portsmouth. NH

William Walsh, Consultant **Quantum Leap Capital** 

Shelburne, VT

Arvin Vohra, CEO **Redaptive, Inc.** San Francisco, CA

Zora Chung, Cofounder and CFO

ReJoule, Inc.

Garden Grove, CA

Jim Kurtz, President **RER Energy Group** 

Reading, PA

Phil Coupe, Manager **ReVision Energy** Cape Elizabeth, ME

Soll Sussman, Managing Director

**S Cubed Studio**Driftwood, TX

Timothy Hade, COO
Scale Microgrid Solutions

Denver, CO

Ray Shilling, Managing Director

**SEA, Inc.** San Ramon, CA

Jafer Hasnain, Managing Principal

**SeaSpire Advisors** 

Chicago, IL

Stanley Kolbe, Association Executive

Sheet Metal and AC Contractors Nat. Assoc.

Washington, DC

Tim McRae, VP, Energy

**Silicon Valley Leadership Group** 

San Jose, CA

Frank Foley, CEO Solarscale Ilc Philadelphia, PA

Kamal Daghistani, Associate

**Spring Lane Capital** 

Boston, MA

Helge Biernath, CEO

Sunstall Inc. Novato, CA Justin Vandenbroeck, Vice President

**Renergetica USA Corporation** 

Lake Mary, FL

Tyler Nelson, President **Revamp Engineering, Inc.** 

Oakland, CA

Patrick Verdonck, Managing Partner/Founder

**Rhynland** New York, NY

Scott Deatherage, Managing Member

S Deatherage Law

Dallas, TX

Ryan Boswell, Dir. of Business Development

**Scenic Hill Solar** Fayetteville, AR

Andy Frank, Executive

Sealed

Jackson Heights, NY

Jim Wood, VP, North America
Seraphim Energy Manufacturing

Willow Spring, NC

Sid Abma, CEO

**Sidel Global Environmental LLC** 

Atascadero, CA

Matthew Harris, Director Programa Hispano

**Solar Energy International** 

Paonia, CO

Neil Kolwey, Energy Engineer

**Southwest Energy Efficiency Project** 

Boulder, CO

Patrick Stafford, Engineering Director

**Stafford Crane Group** 

Phoenix, AZ

Jim Boyle, CEO & Founder
Sustainability Roundtable Inc

Cambridge, MA

Navid Sadikali, Partner Sustainable Spark Capital

Las Vegas, NV

Virginia Klausmeier, CEO/President

**Sylvatex Inc** San Francisco, CA

Scott Sklar, President The Stella Group, Ltd.

Arlington, VA

Ari Raivetz, CEO

**Transcend Software Inc**Princeton Junction, NJ

Tom Hurd, Owner
Twin Turbines Energy

Mason City, IA

Josh Craft, Government Relations Manager

**Utah Clean Energy**Salt Lake City, UT

Christopher Granda, CEO
Vermont Independent Energy

Richmond, VT

Donna Sanders, CEO **Virimodo, PBC** Brooklyn, NY

Thomas Ortman, CTO & VP Voltabox of Texas, Inc.

Cedar Park, TX Marlene Adler New York, NY

Richard Amato Austin, TX

Christina Arreaza Bethesda, MD William Havemeyer, Partner

Swift Current Energy Chestnut Hill, MA

Logan Randles, President

**Tayberry LLC** Granville, OH

Samuel Hill, Commercial Solar Developer

**TMI Electrical Solutions** 

Melrose, MA

Joshua Green, Investor **Traverse Venture Partners** 

Washington, DC

Micah Kotch, Managing Director

**Urban X** New York, NY

Pete Marsh, Owner

**Vector Green Power and Materials LLC** 

Long Beach, CA

David Kenney, President & Executive Director

**VertueLab**Portland, OR

Thomas Becker, Executive Voltabox of North America

Round Rock, TX

David Magid, Founder

**YSG** 

New York, NY Norma Aguilar Monterrey, AK

**Christopher Arnold** 

San Jose, CA

Ryan Auker San Francisco, CA Joey Bono Beau Butler Flagstaff, AZ Katy, TX

Kelly Carter Brian Cerwin Atlanta, GA New York, NY

Peter Cerwin
New York, NY
New York, NY
New York, NY

Rakeem Chapman Hoyu Chong
Los Angeles, CA Los Angeles, CA

Samantha Clark Raj Daniels Chester, VT Carrollton, TX

Trevor Davis Michael Eckhart Venice, CA Annapolis, MD

Steven Elliott Stuart Farris
Los Angeles, CA Palo Alto, CA

John Fox Nicholas Fry Colchester, CT Missoula, MT

Karen Gable Christopher Gallardo Leonardtown, MD San Diego, CA

Linda Grand Ben Grayson Santa Clara, CA Brooklyn, NY

Tony Green Jordan Gruber Livermore, CA Houston, TX

Taher Hajilounezhad Bailey Hall Columbia, MO Sunnyvale, CA

Edna Himoonde Easton, KS Jonathan Hollander Cortlandt Manor, NY

Abhishek Jain Durham, NC

Emily Jones Saint Cloud, FL

Philip Jordan Philadelphia, PA

Barry Jordan Sharon, MA

Brian Kaiser Saratoga, CA Tarun Kapoor El Cerrito, CA

Dale Kennedy Warren, OH Thomas Kessinger Salt Lake City, UT

Paul Kiesler New York, NY Robert Kravitz Plano, TX

Marci Kreamer Leonardtown, MD Nathan Lapierre Austin, TX

Genevieve Liang Los Angeles, CA Bill Martens Montclair, NJ

Jonah Messinger Chevy Chase, MD Peter Mirrasoul San Diego, CA

Jason Moritz Hollywood, MD

Michael Nicley Simpsonville, SC

Ian O'Connor Atlanta, GA Jack O'Donohue La Grange, IL

Robin Paone Whitefish, MT Patrick Pennel Palo Alto, CA Paul Peterson Ashreeta Prasanna

Austin, TX Denver, CO

Chloe Pruett Matt Renner Lakewood, CA Richmond, CA

Justin Rose Jeff Salvaryn

White Plains, NY Redondo Beach, CA

Florentino Soria Sunil Srinivasan Oakland, CA Houston, TX

Pierre Steenblik Terry Sullivan Brooklyn, NY Seattle, WA

Kaitlyn Swann Wendy Trattner Leonardtown, MD San Francisco, CA

Steven Tripp Matt Uddenberg Leonardtown, MD Philadelphia, PA

Timothy Vall Michael Whalen Lexington Park, MD Haydenville, MA

CC: Rep. Pallone, Chairman, House Committee on Energy and Commerce

Rep. Walden, Ranking Member, House Committee on Energy and Commerce

Rep. Neal, Chairman, House Committee on Ways and Means

Rep. Brady, Ranking Member, House Committee on Ways and Means

Rep. Johnson, Chairwoman, House Committee on Science, Space, and Technology

Rep. Lucas, Ranking Member, House Committee on Science, Space, and Technology