

The Honorable Tom Carper  
United States Senator, Delaware  
513 Hart Senate Office Building  
Washington, DC 20510

The Honorable Ben Cardin  
United States Senator, Maryland  
509 Hart Senate Office Building  
Washington, DC 20510

July 25, 2019

Re: Business Support for the Waste Heat to Power Investment Tax Credit Act

Dear Senators Carper and Cardin:

As businesses and organizations working in industrial energy efficiency across America, we write to thank you for championing the Waste Heat to Power Investment Tax Credit Act.

Waste heat to power (WHP) converts leftover heat from industrial, commercial and institutional sources into electricity with zero additional fuel or emissions—providing a clean, reliable source of energy for manufacturers and businesses. Our companies are working to manufacture, engineer, and install WHP projects across America. By turning this waste heat into a resource, we are increasing energy efficiency, helping our customers cut costs, and creating good-paying engineering and construction jobs.

However, despite the fact that WHP is an innovative, zero-emission energy resource, these systems currently do not qualify for the Section 48 investment tax credit (ITC), putting projects at a competitive disadvantage.

According to the Department of Energy, the United States has 15 gigawatts (GW) of untapped WHP capacity.<sup>1</sup> Industries with the greatest WHP potential include petrochemicals, metals, minerals, paper, wood, and general manufacturing. Lower-temperature WHP systems can also help power commercial or institutional buildings more efficiently by capturing excess thermal energy (for example, off a boiler) and using it to generate electricity.

Capturing this 15 GW of untapped WHP potential could result in 160,000 new American jobs.<sup>2</sup> Cost savings from WHP would also enable manufacturers to lower their overhead costs, invest in additional jobs, and boost the competitiveness of the American manufacturing sector on the international market. WHP also provides a distributed source of electricity that can improve reliability onsite and strengthen the overall resilience of the grid.

We thank you for your efforts to promote parity in the tax code, drive energy innovation, and reduce energy costs for businesses across America.

Sincerely,

Stuart Brown, COO/SVP  
**Acadia Energy Company**  
Watertown, NY

Franz A. Bronnimann, CEO  
**Aestus Inc.**  
Pawling, NJ

Debbie Seagrist, Marketing Coordinator  
**Air Management Technologies Inc.**  
Lewisburg, PA

Kevin M. Bailey, PE, Market Unit Manager  
**Alfa Laval Inc.**  
Richmond, VA

---

<sup>1</sup> Oak Ridge National Laboratory, Waste Heat to Power Market Assessment (2015). <http://www.heatispower.org/wp-content/uploads/2015/02/ORNL-WHP-Mkt-Assessment-Report-March-2015.pdf>

<sup>2</sup> Based on an estimated 4 new jobs generated for every \$1 million of capital investment. Source: Oak Ridge National Laboratory, Combined Heat and Power: Effective Energy Solutions for a Sustainable Future (2008), 4. <https://info.ornl.gov/sites/publications/files/Pub13655.pdf>.

Duane Julian, President  
**American Capital Resources Company**  
McMinnville, TN

Michael Longo, Head of Business Development  
**Anax Power**  
Wharton, NJ

Tom Dower, Senior Director, Government Relations  
**ArcelorMittal USA**  
Chicago, IL

Vincent E Harkins, CFO  
**Carbon Black Global LLC**  
Dunlap, TN

Susan Brodie, Managing Director  
**Convergence Associates**  
Littleton, CO

Roger W. Hill, Senior Engineer  
**Creare LLC**  
Hanover, NH

Keith Davidson, President  
**DE Solutions, Inc.**  
Nipomo, CA

Thomas G Reichert, CEO/President  
**E&A Engineering Services, Inc.**  
Escondido, CA

John Fox, Business Development Manager  
**ElectraTherm**  
Flowery Branch, GA & Reno, NV

Amir Mortazavi, Assoc. Director of System Engineering  
**Green Generation**  
Bethesda, MD

Loy Sneary, CEO  
**Gulf Coast Green Energy**  
Bay City, TX

John Prunkl, CEO, **Ironclad Energy Partners**  
& Chairman of the Board, **Heat is Power Association**  
Oak Brook, IL

Steven D. Hummel, Director of Operations  
**Holophane**  
Newark OH

Michael Sams, CEO/President  
**AMSEnergy Corp**  
Columbia, TN

Doug Davis, Sale Engineer  
**Antilles Power**  
San Juan, PR

Paul Conlon, President  
**Bitzer US Inc.**  
Flowery Branch, GA

Lynn Abramson, President  
**Clean Energy Business Network**  
Washington, DC

Sam Weaver, CEO  
**Cool Energy**  
Boulder, CO

Traci Kraus, Director, Government Relations  
**Cummins Inc.**  
Columbus, IN

Jeffrey Williamson, President  
**Drydon Equipment Inc**  
Elgin, IL

Philip D. Brennan, CEO  
**Echogen Power Systems (Delaware), Inc.**  
Akron, OH

Larry Tangel, CEO  
**Enercon Engineering, Inc.**  
East Peoria, IL

Brad Bruckner, CTO  
**Greenfield Dynamics**  
Tempe, AZ

Mike Kemp, President  
**HCS Group, Inc**  
Humble, TX

Stephen Hirsch, CEO  
**Hirsch Geothermal Consulting**  
Reno, NV

Patrick Hosty, Development Officer  
**HyperBorean**  
Wichita, KS

Halley Dickey, Vice President  
**Industrial Builders, Inc.**  
Caldwell, ID

Marty Borruso, Energy Professional  
**Innovative Energy Strategies**  
Perth Amboy, NJ

Gearoid Foley, President  
**Integrated CHP Systems**  
Princeton, NJ

Kent McCord, Sales Engineer  
**Kinsley Energy**  
East Granby, CT

Vishnu Barran, Sales Engineer  
**Martin Energy Group**  
Tipton, MO

Patricia F. Sharkey, Policy Director  
**Midwest Cogeneration Association**  
Carol Stream, IL

Ingemar Mathiasson, Energy Manager  
**Northwest Arctic Borough**  
Kotzebue, AK

Paul Thomsen, VP, Business Development  
**Ormat Technologies, Inc.**  
Reno, NV

Patrick C Petersen, Facilities Engineer  
**Providence Mount St. Vincent**  
Seattle, WA

Mark Ryan, CEO  
**Pyramid Green Power Corp**  
Las Vegas, NV

Maher Saleh, Owner and Principal  
**RAI Services LLC**  
Saint Paul, MN & Mather, CA

Gary Davison, Executive Chairman  
**RedWave Energy, Inc.**  
Boulder, CO

John Sasso, Project Manager, CEM, CDSM  
**RRT SIGMA Engineering**  
Melville, NY

Jeff Stratton, Application Engineer, Marketing Specialist  
**Innovative Automation**  
Romulus, MI & Danville, IL

Ray Deyoe, Managing Director  
**Integral Power, LLC**  
Tomball, TX

William Cristofaro PE, President, Professional Engineer  
**Integrated Energy Concepts Engineering PC**  
Rochester & Brooklyn, NY

Peter J. Lescure, Professional Engineer  
**Lescure Engineers, Inc**  
Santa Rosa, CA

Mario Urdaneta, CEO  
**MicroRecycling Systems**  
Washington, DC

Scott Dwire, Outreach Supervisor  
**Nexant**  
San Francisco, CA & Salt Lake City, UT

J.Scott Guilmartin, Partner, NuPower, LLC  
**NuPower, LLC**  
Bridgeport, CT

Mo Klefeker, President  
**Primary Energy**  
Oak Brook, IL and East Chicago & Portage, IN

Thomas Telegates, CEO  
**PwrCor, Inc.**  
New York, NY

Tab Cohen, President  
**Rabco Energy Solutions, Inc.**  
St. Louis, MO

Dennis Hayes, Construction Project Manager  
**Recovered Energy Resources**  
Egg Harbor Township, NJ

Robert C. Rice, Owner / CEO  
**Renewable Energy Consultants, LLC**  
Beavertown, PA

Enrique Frances, Energy Engineer  
**SourceOne Inc**  
Boston, MA

Tim Hansen, Director, Energy & Environment  
**Southern Research**  
Raleigh, NC

David Gardiner, Executive Director  
**The Alliance for Industrial Efficiency**  
Arlington, VA

Stanley E. Kolbe, Jr, Director, Gov. & Political Affairs  
**Sheet Metal & Air Condit. Contractors Nat. Assoc.**  
Chantilly, VA & Washington, DC

Jan M.Scott, President  
**Unison Solutions, Inc.**  
Dubuque, IA

Matthew L McGinness, Application Engineer  
Marietta, GA

James Collins, Senior Engineer  
Davidson, NC

Pedro D'Elia, Director  
**TekniCorp, Inc**  
Miami, FL

Scott Sklar, President  
**The Stella Group, Ltd.**  
Arlington, VA

Wallace Baker, Managing Member  
**Thermal Tech Holdings, LLC**  
Westport, CT

Todd Stuart, Executive Director  
**Wisconsin Industrial Energy Group**  
Madison, WI

Todd Hopwood, Product Development Manager  
Houston, TX