

President Donald J. Trump
The White House
Washington, DC 20500

February 1, 2017

Dear President Trump:

Congratulations on your election as President of the United States. The waste heat to power (WHP) industry applauds your interest in strengthening America's manufacturing sector and we stand ready to work with you to accomplish that objective. WHP is a clean, domestic, industrial source of electric power generation, and we hope that Congress and your Administration will support tax policies that promote market parity and viability for WHP in the U.S.

Waste heat is generated in substantial quantities in the U.S. at industrial facilities every day and, if harnessed to make power, could generate 15 GW of emission-free electricity in the U.S. WHP systems capture heat that would otherwise be vented into the atmosphere from industrial processes and use it to generate electricity with no additional fuel, combustion or emissions. These systems generate electricity on-site where it is needed, minimizing the distance electricity has to travel and the associated costs and losses. As such, WHP turns waste heat into a resource for clean, domestic electricity generation and an economic driver for global competitiveness, helping address key public policy objectives related to increased U.S. jobs and exports, improved industrial efficiency and resilience, reduced emissions of greenhouse gases and criteria pollutants, and preservation of our natural resources and reserves.

Europe and Asia are reaping the many benefits of WHP. China's cement industry has 739 WHP systems, helping their cement manufacturing sector to produce more with less while cutting emissions.¹ The U.S. has only 96 WHP systems across all industries, with a total of 766 megawatts (MW) of installed WHP capacity despite 15,000 MW of technical potential.² U.S. WHP implementation is lagging because current U.S. tax policies incent known technologies rather than encourage innovation and new approaches.

We urge your administration to pursue critical parity in energy tax policy by supporting technology neutral approaches that identify outcomes rather than specify technologies. Such approaches would encourage U.S. innovation and strengthen our economy, diversify our energy mix, increase manufacturing jobs, create on-site power while lowering fuel use and emissions, and promote enhanced competition among all of our nation's energy sources. A tax neutral incentive structure could also reduce burdensome regulations.

¹ Heat Recovery for the Cement Sector: Market and Supplier Analysis, Institute for Industrial Productivity and International Finance Corporation, June 2014

² Waste Heat to Power Market Assessment, ICF for Oak Ridge National Laboratory, March 2015.

The Heat is Power Association (HiP) is the trade association for the waste heat to power (WHP) industry. WHP uses waste heat from industrial processes to generate electricity with no additional fuel, no combustion, and no incremental emissions. HiP educates decision makers about clean energy from waste heat and lobbies for policies that provide parity for WHP with other sources of emission-free power.

More information about WHP is at this link - [Facts, Industry Data and Policy Recommendations Regarding Waste Heat and WHP](#).³ We look forward to working with you and your Administration to strengthen America's manufacturing sector by bringing the many benefits of WHP to the Nation's power generation mix.

Sincerely,



Susan Brodie, Executive Director

cc:

Hon. Paul Ryan, Speaker of the House

Hon. Nancy Pelosi, House Democratic Leader

Hon. Mitch McConnell, Senate Majority Leader

Hon. Chuck Schumer, Senate Democratic Leader

Hon. Kevin Brady, Chair, House Ways & Means Committee

Hon. Richard Neal, Ranking Member, House Ways & Means Committee

Hon. Orrin Hatch, Chair, Senate Finance Committee

Hon. Ron Wyden, Ranking Member, Senate Finance Committee

³ <http://www.heatpower.org/wp-content/uploads/2016/01/HiP-WHP-Fact-Sheet-September-2016.pdf>