

CSE: HEAT | OTCQB: HLRTF | FSE: 7HI

Hillcrest Energy Technologies is a clean technology company developing transformative power conversion technologies and control system solutions

HIGHLIGHTS



FIRST TO MARKET WITH REVOLUTIONARY TECHNOLOGY PLATFORM



ACCELERATING TOWARDS REVENUES



SIGNIFICANT TECHNOLOGY AND INDUSTRY EXPERIENCE



SPEED TO MARKET

REVOLUTIONARY TECHNOLOGY

Hillcrest is redefining the landscape of power inverter capabilities with its Zero Voltage Switching (ZVS) technology. This cutting-edge solution introduces higher switching frequencies without the common drawbacks associated with conventional power inverters.

Flagship ZVS Traction Inverter for Electric Vehicles:



Fewer battery cells
Reduction in complexity of battery

system

Reduction in end-of-life battery waste Reduction in critical EV Battery minerals needed per vehicle

Reduction in upstream GHG emissions associated with supplying critical EV battery minerals



MARKET OPPORTUNITY

Applications beyond electric vehicles include:

- Renewable energy generation
- EV charging infrastructure
- Grid-connected energy systems
- Vehicle-to-home/building/grid (V2X)
- Industrial uninterruptible power supplies (UPS)
- Power factor correction controllers (PFC)

THE GLOBAL EV INVERTER MARKET

is accelerating to **505 68.5B** by 2030* © CAGR of 9.65% *Precedence Research

PATH TO COMMERCIALIZATION

2022

Multiple MOU's including one with a global Tier One automotive supplier to test and co-develop Hillcrest technology and products.

2023

Secured additional co-development partners and commenced development and dynamic testing of ZVS-enabled EV inverter; achieved key development milestones for both traction and grid applications.

2024

Expansion of on-site testing and demo programs at customer facilities; expectation to enter into definitive commercial agreements; continue to achieve key development milestones for both traction and grid applications.

TECH LEADERSHIP



ARI BERGER Hillcrest Chief Technology Officer

Expert in electric machine control technologies, systems engineering and multi-disciplinary product design; more than 10 years of commercial experience with a track record of deploying new technologies and go-tomarket strategies, specifically in the sector of electrification



HARALD HENGSTENBERGER

Managing Director, Owner & Founder, Systematec GmbH

Leader of the Systematec team and established electrical engineer with more than 25 years of experience designing, manufacturing, testing and validating hybrid and electric vehicle powertrains

Nearly 100 years of combined automotive sector expertise

COMMERCIALIZATION EXPERTISE









DR. HEINZ-GEORG BURGHOFF

Hillcrest Commercialization Consultant

Automotive business and product strategy expert in vehicle electronics. Dr. Burghoff spent over 20 years with DaimlerChrysler AG, where he held various management positions in passenger car development, heading up electric/electronic development as well as directing battery technology and strategy.

DAN COKER

Hillcrest Strategic Advisor

Veteran automotive executive and pioneering entrepreneur possessing special leadership capabilities and global network. During his 20+ years as president and CEO of Gentherm, Mr. Coker stewarded remarkable growth from inception to a \$1 billion enterprise that fundamentally altered automotive thermal management.

MICHAEL MOSKOWITZ

Independent Director

Seasoned technology executive and previous leader of Panasonic's North American business operations. Mr. Moskowitz enables technological innovation in key areas, such as sustainable energy, smart mobility, immersive experiences, integrated supply chain and consumer lifestyle.

DAN MATHIESON

Hillcrest Strategic Advisor

An innovative trailblazer with a legacy of five successful mayoral terms, renowned for his adeptness in network building. His visionary leadership transformed his community into a hub for cuttingedge automotive technologies. He currently serves on the advisory board for the Auto Parts Manufacturers Association's Project Arrow initiative.

INVESTOR RELATIONS CONTACT

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FORWARD-LOOKING STATEMENT

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