

Management Presentation

NASDAQ: CPST

"Change is the law of life. And those who look only at the past or present are certain to miss the future."

John F. Kennedy

Safe Harbor



This presentation contains "forward-looking statements" regarding future events or financial performance of Capstone Turbine Corporation (Capstone), within the meaning of the Safe Harbor provisions of the Private Securities Litigation Reform Act of 1995.

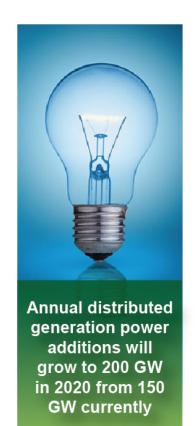
Forward-looking statements may be identified by words such as "believe," "expect," "objective," "intend," "targeted," "plan" and similar phrases.

These forward-looking statements are subject to numerous assumptions, risks and uncertainties described in Capstone's Annual Report on Form 10-K, Quarterly Reports on Form 10-Q and other periodic filings with the Securities and Exchange Commission that may cause Capstone's actual results to be materially different from any future results expressed or implied in such statements. Because of the risks and uncertainties, Capstone cautions you not to place undue reliance on these statements, which speak only as of the date of this presentation. We undertake no obligation, and specifically disclaim any obligation, to release any revision to any forward-looking statements to reflect events or circumstances after the date of this presentation or to reflect the occurrence of unanticipated events.

The Imminent Change in Energy



MICROTURBINES WELL POSITIONED FOR DISTRIBUTED GENERATION MEGATREND





Global electricity consumption will rise to 26.9 terawatt-hours (Twh) by 2020



Microgrids account for 27 GW of current distributed generation



\$205 billion will be invested in global distributed power generation annually by 2020 -42% of total power additions



65% of global electricity consumption will be in emerging markets (MEA) by 2020

Source: General Electric - Rise of Distributed Power

Microturbines are the Future

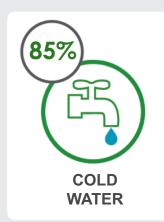






CHP EFFICIENCY

Overall **ELECTRIC** of 33%











Microturbine Technology **Advantages**





	Features	Benefits			
*	Inverter based with one moving part	Factory guaranteed low operating costs			
	Patented air bearing technology	No lubricants or coolants needed - unmanned projects			
<	Stand alone or grid connect	Supports aging utility infrastructure			
F &	Fuel availability	Operates on gaseous, renewable and liquid fuels			
<mark></mark>	High power density	Compact footprint, small modular design			
111	Low emissions	No exhaust aftertreatment			
23	Free clean waste heat	Thermal energy for cogeneration/trigeneration			
	Remote monitoring	View performance and diagnostics 24/7			
	Scalable to match demand	Multiple applications and industries			

Capstone Market Verticals





Energy Efficiency



Oil, Gas & Other Natural Resources



Renewable Energy



Critical Power Supply



Transportation



Marine



Generate on-site power capture thermal energy from the clean exhaust in CHP and CCHP applications.

Hotels
Industrial Applications
Large Residential
Complexes
Retail Buildings
Office Buildings



Produce on-site power for all phases of oil and gas production in both onshore and offshore applications.

Drilling Operations
Flare Gas
Reduction
Gas Compression
Mining
Water Conversion



Cleanly and efficiently generate onsite power operating on biogas and other waste products to create high-efficiency renewable power and heat.

Farm Digesters
Landfills
Solid Waste
Management
Wastewater Treatment
Food Waste



have an uninterruptible power source with the world's only microturbine-powered UPS solution.

Data Centers Telecom Power Rentals Hospitals



Operate in conjunction with battery packs to provide onboard battery charging and vehicle range extension.

Commercial Trucks
Heavy-duty Vehicles
Supercars
Transit Buses
Delivery Vehicles



Provide onboard power, vessel range extension and utilize thermal energy for onboard heating and cooling.

> Work Boats Cargo Ships Commercial Vessels Tour Boats

FY2017 Percentage of Shipments

59% 34% 7% <1% Product Demo Product Demo

Microturbine Business Catalysts

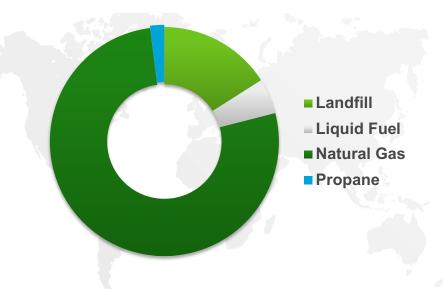


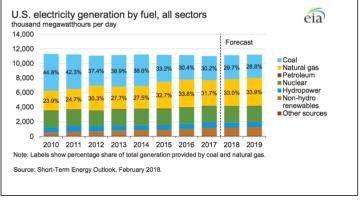


Leading U.S. Electricity Source is Natural Gas (Also Fastest Growing)

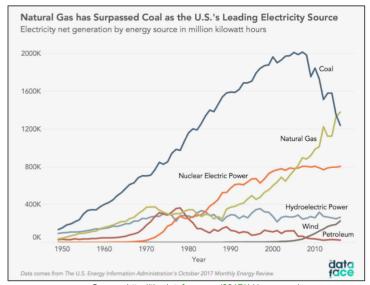








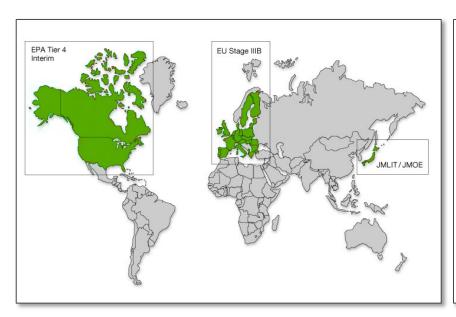
Source: https://www.eia.gov/outlooks/steo/data.php?type=figures

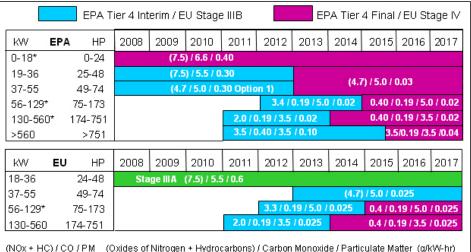


Source: http://thedataface.com/2017/11/economy/energy-sources

Tightening Emissions Regulations







* Combines regulatory powerbands with same emission levels

Oxides of Nitrogen / Hydrocarbons / Carbon Monoxide / Particulate Matter (g/k/V-hr)

Source: <u>http://cumminsengines.com/emission-regulations</u>

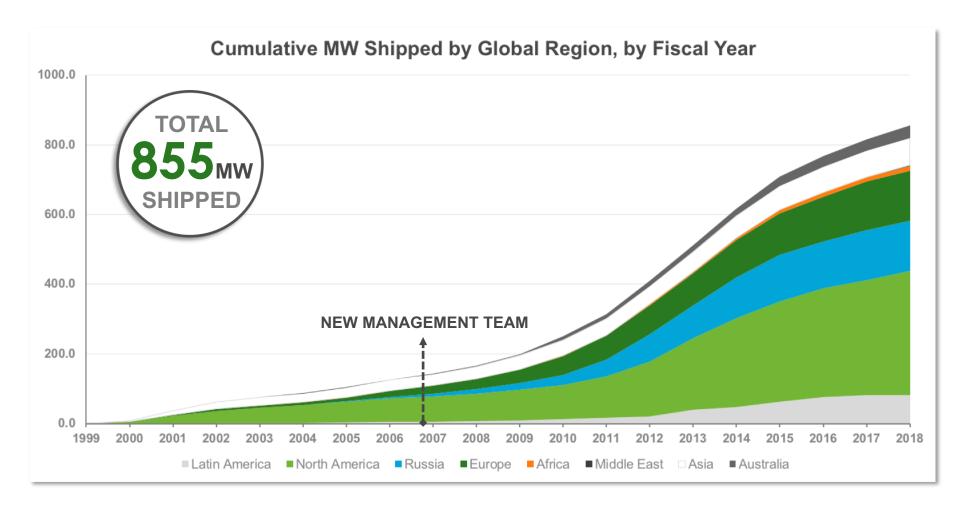
48 Hour Roundtrip to Philadelphia





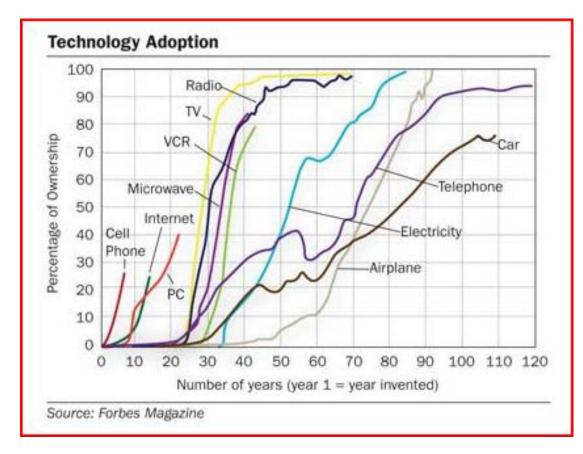
Cumulative Megawatts Shipped





Technology Adoption Timelines





30+ HIGHER COST TECHNOLOGIES



Obsolete Technology Within The Last Decade



OBSOLETE

THE SOLUTION: **CLEAN & GREEN MICROTURBINES**



Landline















Fax Machine



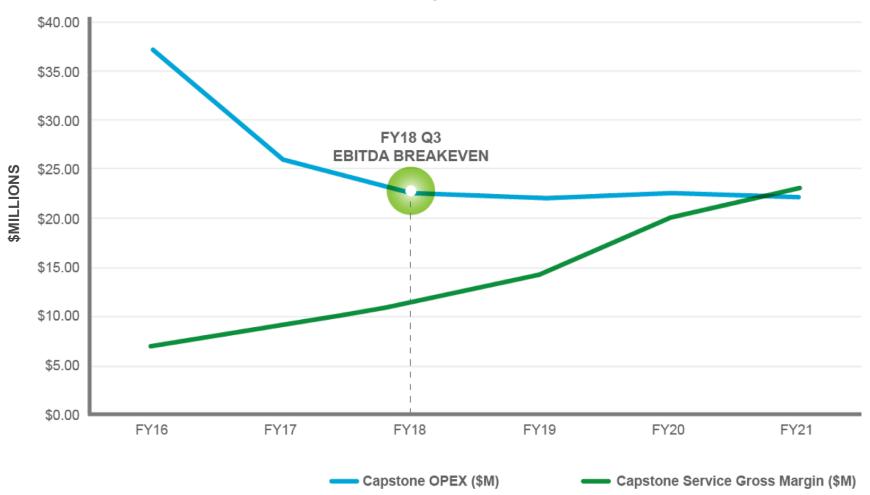




Capstone Absorption Strategy



Service/OPEX Absorption vs. Net Loss Timeline



Capstone Business Trends











- Gross margin up Y/Y and Q/Q
- Gross margin up 18 basis pts. Y/Y
- Product margin up Y/Y and Q/Q
- Record A/P&S margin at 42%



Expense Control

- OpEx down Y/Y and Q/Q
- OpEx down 14% Y/Y
- Warranty down Y/Y and Q/Q
- Warranty down 91% Y/Y
- Completed facility consolidation



Adjusted EBITDA

- Q3 adjusted EBITDA & **EBITDA** positive
- Adjusted EBITDA improved 71% Y/Y
- Net loss improved 91% Q/Q
- Q3 net loss (\$0.01) per share
- Adjusted EBITDA earnings \$0.01 per share
- Net loss improved 62% Y/Y



Strengthen Balance Sheet

- Total cash balance up Q/Q
- Cash usage excluding proceeds from equity transactions down 33% Y/Y
- Inventories down Q/Q and Y/Y
- Accounts payable down Q/Q
- Finished goods down Q/Q and Y/Y
- Inventory turns up Q/Q
- Work in process down Q/Q and Y/Y

Revenue

- Total revenue up 14% Y/Y
- Total revenue up 15% Q/Q Total Q3'18 vs. Q3'17
- up 13%
- Record A/P&S levels
- Product net new orders up Q/Q

Q3FY18 vs. New Target Business Model



(In millions)	Q3 FY2018 Results	Management's New Target Model	Capstone Initiatives and Management Strategies
Microturbine Product	\$14.6	\$25.0	Crude Oil Strengthening, USD Weakening, Hurricane Activity
Accessories, Parts & Service	\$8.2	\$15.0	Higher FPP and Accessory Revenue on CHP Market Growth
Total Revenue	\$22.8	\$40.0	New Signature Series Products and New Sell-to-Win program
Cost of Good Sold	\$17.8	\$26.3	Lower Signature Series Cost – Higher Purchase Volumes
Gross Margin	\$5.0	\$13.7	Growing Product Sales & FPP - Lower Warranty and FPP COGS
Gross Margin Percent	22%	34%	Aftermarket Business Margin Expanding from 42% to 50%
Total Operating Expenses	\$5.0	\$6.0	OpEx up on Increased Marketing Spend and Sales Commissions
Adjusted EBITDA*	\$0.4	\$7.7	Minimal Tax Impact with Approx. \$678M in Federal NOLs

^{*}See Appendix, Slide 29

New "Bundled Solutions" Model







- ✓ C1000S Series ICHP Bundle microturbine, heat recovery module (HRM) and <u>pre-paid FPP 5-year service contract</u>
- ✓ C65 ICHP Bundle microturbine, heat recovery module (HRM) and <u>pre-paid FPP</u>

 <u>5-year service contract</u>
- ✓ "Bundled Solution" drives CHP product, HRM and FPP service contract growth
- ✓ "Bundled Solution" program positively impacts working capital and cash flows.

Impact of Severe Weather







Fully operational Capstone Microturbines on St. Thomas surrounded by debris from Hurricane Irma





Five years removed from Hurricane Sandy, RSP Systems, Capstone's distributor for the greater New York area, is a top five revenue producer worldwide

Capstone Conclusions



- Distributed generation is increasingly displacing large traditional centralized power plants as customers are looking to improve energy economics and resiliency
- Capstone's microturbine technology can meet the changing market demand by providing highly reliable, low cost, green energy products to customers
- Microturbines economically achieve the highest levels of green building standards
- Capstone meets or exceeds the lowest emission standards in the world
- Microturbines leverage low cost natural gas and free associated gas
- Microturbines run on biogas with various BTU content, requiring minimal gas treatment when compared to reciprocating engines, improving overall project cost and reliability
- Capstone's global distribution partners continue to penetrate global markets with tremendous new markets opening up in Australia, Africa and the Middle East
- Capstone installations powered through Hurricanes Harvey, Irma and Maria, much like they did with Hurricane Sandy back in 2012, with little or no downtime



APPENDIX



9 Months - YTD FY18 vs. YTD FY17



(In millions, except per share data)	YTD FY18	YTD FY17	
Microturbine Product	\$39.4	\$33.1	
Accessories, Parts & Service	\$22.4	\$21.1	
Total Revenue	\$61.8	\$54.2	
Gross Margin	\$10.2	(\$0.3)	
Gross Margin Percent	17%	(1%)	
R&D Expenses	\$3.3	\$4.3	
SG&A Expenses	\$13.8	\$15.6	
Total Operating Expenses	\$17.1	\$19.9	
Net Loss	\$(8.1)	\$(21.1)	
Adjusted EBITDA*	\$(5.3)	\$(18.4)	
Basic Loss Per Share	\$(0.18)	\$(0.68)	
Adjusted EBITDA* Basic Loss Per Share	\$(0.12)	\$(0.60)	

^{*}See Appendix, Slide 29

Financial & Market Statistics Comparison



Selected Public Companies

(\$ in millions, except per share data) **MarketStatistics Financial Statistics** OPEX IPO (1) Revenue GM % **EBITDA** Market Cap (2) Company \$33.4 Capstone Turbine Corporation (3) 30 \$22.8 22% \$5.0 \$0.1 **Small-Cap Distribution Generation** American Superconductor Corp.(4) 11.0 2% 8.1 108.8 31 (4.0)31.8 32% 11.1 0.3 657.3 10 Ballard Power Systems(5) 47.9 7% 11.3 (6.2)126.4 26 FuelCell Energy⁽⁶⁾ 215.2 53 35.8 21% 20.7 (10.6)Maxwell Technologies, Inc.(7) 17.0 442.1 21 -55% (31.3)Plug Power, Inc.(7) 35.4 Tecogen, Inc.(4) 8.5 38% 3.2 0.2 18 56.6 Avg. selected companies \$27.6 1% \$10.9 \$(7.4) \$234.3

⁽¹⁾ Years since incorporation or first initial public offering

⁽²⁾ Source: Nasdaq as of January 31, 2018

⁽³⁾ Source: Capstone Turbine Corporation's February 2018 Form 10-Q filing

⁽⁴⁾ Source: American Superconductor Corporation's and Tecogen, Inc. November 2017 Form 10-Q filings

⁽⁵⁾ Source: Ballard Power Systems third quarter financial report issued November 2017 on company's website

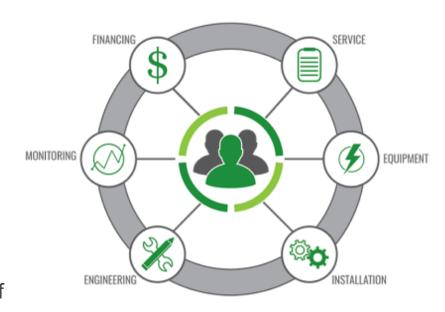
⁽⁶⁾ Source: FuelCell Energy's January 2018 Form 10-K filing

⁽⁷⁾ Source: Maxwell Technologies, Inc. and Plug Power, Inc. November 2017 Form 10-Q filings

Capstone Energy Finance JV Initiative



- Now Offering PPA, Lease and Rentals
- Executed First Agreement September 18, 2017
- In Negotiation for Several Projects
- Projects Cover Wide Variety of Markets and Applications
- Pipeline over \$60M (product only)
- Actively Working with Sky Capital (subsidiary of Sky Solar Group) to Provide Up to \$150M in **Project Financing**
- Partnering with Additional Banks to Broaden Competitive Lease Rates





Kenworth Hybrid Class 7 Demo



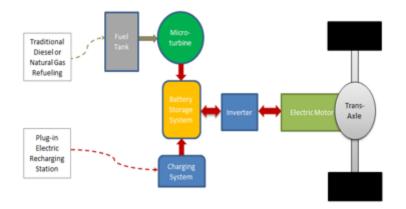
- Quantitative Emissions and Fuel Economy Measurements
 - ✓ Criteria Pollutants (NOx, CO, PM, NMHCs)
 - ✓ Greenhouse Gas (CO2)
 - ✓ Fuel Consumption (both charge sustaining & charge depleting basis)
 - ✓ Compare Results to Traditional Diesel Drivetrain



- ✓ Urban and Rural Delivery
- Two Customer Demonstrations Planned







A **PACCAR** COMPANY

Examples of New England Area Installations





Energy Efficiency Healthcare



Energy Efficiency Technology



Critical Power Microgrid



Critical Power **Data Center**



Critical Power Utility Power/Microgrid



Renewable Energy **Dairy Plant**



Hospital Massachusetts



Software Company Natick, Massachusetts

Four C65 systems power

and cool the new

headquarters/data center at this computer software

company. System is under

FPP through 2023.

(4) C65

260kW Electricity

100-Ton Absorption Chiller



Utility Software Bloomington, Minnesota

A C600S system forms the

backbone of the microgrid

at their new headquarters

and data center.



Data Center Southfield, Michigan

Two C1000 power packages

provide power and backup

capacity to the growing

data center.



Island Power Off the Coast of Maine



Four liquid-fueled microturbines are the primary power source for the remote island. The technology was funded by the U.S. Government.

> (4) C65260kW Electricity

(10) C65650kW Electricity

Franklin, Massachusetts

Ten combined heat and

power (CHP) microturbines

utilize digester gas from

dairy processing as fuel and

captures the hot water in

order to heat the digester.

provides heat and power to the Boston-based hospital 24/7/365. The system will soon approach

The C1000 system

40,000 run-time hours. (I) C1000

Commissioned: 2014

(I) C600S 600kW Electricity 200-Ton Absorption Chiller

Commissioned: 2017

Projected ROI: 3 yrs

(2) C1000 | PP*

2MW Electricity

Commissioned: 2016

Commissioned: 2016

Commissioned: 2014

1MW Electricity

25

Commissioned: 2011

^{*}PP - Prime Power Case Studies can be found on www.capstoneturbine.com/case-studies

Examples of New York Metro Area Installations





Energy Efficiency Residential



Energy Efficiency

Healthcare



Energy Efficiency



Energy Efficiency
Hospitality



Renewable Energy
Waste Water Treatment



Energy Efficiency
Residential



Residential Complex Bronx, New York

Natural gas-fueled combined heat and power (CHP) microturbine provides primary power and hot water to the multi-family residential complex.

> (1) C1000 | DM* 1MW Electricity

Projected ROI: 3.5 yrs

Commissioned: 9/16



Residential Healthcare Wyckoff, New Jersey

Assisted living facility with 292-bed capacity. Four natural gas-fueled microturbines provide combined cooling, heat and power (CCHP) to residents.

> (4) C65 | DM* Absorption Chiller 260kW Electricity

Commissioned: 8/08



Retail Wine Store New York, New York

2011 AEE Energy Project winner. Exhaust heat from two microturbines is used to provide 40 tons of chilling year round.

(2) C65 ICHP | GC* 40-Ton Absorption Chiller 130kW Electricity Projected ROI: 4 yrs

Commissioned: 12/05



Luxury Hotel New York, New York

Twelve integrated combined heat and power (ICHP) microturbine array supplies electricity and hot water to the building and also feeds an absorption chiller.

(12) C65 ICHP 200-Ton York Absorption Chiller 780kW Electricity Projected ROI: 4.5 yrs

Commissioned: 10/13



WWTP New York, New York

Two microturbines fueled by digester gas and natural gas blend provide power and heat to the waste water treatment plant (WWTP).

> (2) C65 ICHP 130kW Electricity

Projected ROI: 6 yrs

Commissioned: 9/14



Residential Complex New York, New York

Four microturbines provide combined heat and power (CHP) to multi-family high rise building. Also feeds into an integrated heating loop for winter months.

(4) C65 ICHP | GC* 260kW Electricity

Projected ROI: 4 yrs

Commissioned: 12/10

^{*}**DM** – Dual Mode System (Emergency backup power feature)

^{*}GC - Grid Connect System

Case Studies can be found on www.capstoneturbine.com/case-studies
Projected ROI estimates are at time of sale

Examples of Mid-Atlantic Area Installations





Energy Efficiency Hospitality



Energy Efficiency Manufacturing



Energy Efficiency Manufacturing



Oil & Gas Onshore O&G



Oil & Gas **Onshore O&G**



Critical Power Data Center









Luxury Hotel Philadelphia, Pennsylvania

Three C65 ICHP units in a 40% of the facility's combined heat and power (CHP) application provide 100% of the hotel's domestic hot water and 30% of their electrical needs. chilled water.

(3) C65 ICHP | GC* 195kW Electricity

Projected ROI: 3 yrs

Commissioned: 10/09

Boat Manufacturer New Gretna, New Jersey

Six microturbines produce on-site electrical energy, providing power and 100% of the heating and

> (6) C65 ICHP | GC* 390kW Electricity (3) 30-Ton Absorption Chillers Projected ROI: 7 yrs

Commissioned: 12/12

Manufacturer Harrisburg, Pennsylvania

A dual-mode combined cooling, heat and power (CCHP) C1000 provides backup power to the facility manufacturing processes.

(1) C1000 | DM* 1MW Electricity 300-Ton Absorption Chiller | Heat Exchanger Projected ROI: 5.9 yrs

Commissioned: 1/14

Compressor Station West Virginia

The natural gas-fueled microturbine is the primary power source generating electricity 24/7. The system was the first C600S commissioned in the world.

> (1) C600S | PP* 600kW Electricity

Commissioned: 10/16

Gas Gathering Facility West Pennsylvania

Six skid mounted microturbines operate on high Btu wellhead gas. Skid system arrives fully commissioned, reducing installation and startup.

> (6) C65 | DM* 390kW Electricity

Commissioned: 4/15

Bank with Data Center Harrisburg, Pennsylvania

A C800 dual-mode system provides combined cooling, heat and power (CCHP) for the LEED gold-certified facility and data center.

(1) C800 | DM* 800kW Electricity 250-Ton Absorption Chiller | Heat Exchanger Projected ROI: 5 yrs

Commissioned: 10/13

^{*}PP- Prime Power

^{*}GC- Grid Connect

^{*}DM - Dual Mode System (Emergency backup power feature)

Examples of California Area Installations





Energy Efficiency Food Processing



Energy Efficiency
Healthcare



Energy Efficiency

Manufacturing



Oil & Gas
Offshore O&G



Oil & Gas
Onshore O&G



Critical Power
Utility



Brewing Company Northern California

Brewing facility uses two C1000 microturbines to complement their existing on-site electrical generation and operate as a microgrid.

> (2) C1000 | Microgrid 2MW Electricity

Projected ROI: 3.4 yrs

Commissioned: 3/15



Los Angeles Hospital Southern California

A natural gas-fueled microturbine is used to offset electric base load and provides chilled water, boosting the facility's overall efficiency.

> (1) C1000 1MW Electricity

Projected ROI: 4 yrs

Commissioned: 10/13



Pharmaceutical Facility Northern California

The dual mode system provides steam and hot water to the critical power facility and raises overall efficiency to almost 90%.

(2) C1000 | DM* 1MW Electricity

Projected ROI: 3.6 yrs

Commissioned: 7/15



Offshore Oil Producer California Coast

The associated gas-fueled microturbines provide power to site loads and lowers operating costs for the end user.

(1) C1000S (1) C600S 1.6MW Electricity

Projected ROI: 2.8 yrs

Commissioned: 12/16



Onshore Oil Producer California

Associated gas is piped directly to the system and provides heat to be used in the processing of free water knockout (FWKO) during drilling.

(1) C1000 1MW Electricity

Projected ROI: 2.5 yrs

Commissioned: 4/13



Gas Utility Southern California

Two C1000 microturbines provide prime power for the key gas compression facility that provides significant natural gas to Southern California.

> (2) C1000 | PP* 2MW Electricity

Projected ROI: 2 yrs

Commissioned: 8/13

^{*}PP- Prime Power

^{*}DM - Dual Mode System (Emergency backup power feature)

Reconciliation of Non-GAAP Financial Measure



Reconciliation of Reported Net Loss to EBITDA and Adjusted EBITDA		Three months ended December 31,			Nine months ended December 31,	
		2017	2016	2017	2016	
Net loss, as reported	\$	(323)	\$ (10,686)	\$ (8,083)	\$ (21,068)	
Interest expense		170	129	489	392	
Provision for income taxes		_	_	7	3	
Depreciation and amortization		272	384	854	1,186	
EBITDA		119	(10,173)	(6,733)	(19,487)	
Stock-based compensation		102	173	409	653	
Restructuring charges		58	_	277	_	
Change in warrant valuation		84	_	741	_	
Warrant issuance expenses			421		421	
Adjusted EBITDA	\$	363	\$ (9,579)	\$ (5,306)	\$ (18,413)	

To supplement the Company's unaudited financial data presented on a generally accepted accounting principles (GAAP) basis, management has used EBITDA and Adjusted EBITDA, non-GAAP measures. These non-GAAP measures are among the indicators management uses as a basis for evaluating the Company's financial performance as well as for forecasting future periods. Management establishes performance targets, annual budgets and makes operating decisions based in part upon these metrics. Accordingly, disclosure of these non-GAAP measures provides investors with the same information that management uses to understand the Company's economic performance year-over-year. The presentation of this additional information is not meant to be considered in isolation or as a substitute for net income or other measures prepared in accordance with GAAP.

EBITDA is defined as net income before interest, provision for income taxes, depreciation and amortization expense. Adjusted EBITDA is defined as EBITDA before stock-based compensation expense, the change in warrant valuation, warrant issuance expenses and restructuring charges. Restructuring charges include one-time costs related to the company's cost reduction initiatives. EBITDA and Adjusted EBITDA are not measures of the company's liquidity or financial performance under GAAP and should not be considered as an alternative to net income or any other performance measure derived in accordance with GAAP, or as an alternative to cash flows from operating activities as a measure of its liquidity.

While management believes that the non-GAAP financial measures provide useful supplemental information to investors, there are limitations associated with the use of these measures. The measures are not prepared in accordance with GAAP and may not be directly comparable to similarly titled measures of other companies due to potential differences in the exact method of calculation. Management compensates for these limitations by relying primarily on the Company's GAAP results and by using EBITDA and Adjusted EBITDA only supplementally and by reviewing the reconciliations of the non-GAAP financial measures to their most comparable GAAP financial measures.

Non-GAAP financial measures are not in accordance with, or an alternative for, generally accepted accounting principles in the United States. The Company's non-GAAP financial measures are not meant to be considered in isolation or as a substitute for comparable GAAP financial measures, and should be read only in conjunction with the Company's consolidated financial statements prepared in accordance with GAAP.





NASDAQ: CPST

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