

**COOL TECHNOLOGIES**

**PRESENTS: THE MOBILE GENERATION SYSTEM**





An intellectual property and engineering company that offers unique energy efficiency solutions and true open-ended growth potential.

We work with partners to manufacture products utilizing their assets.

CoolTech currently operates in three addressable markets:

- 1. Mobile Generation**
- 2. Motors & Generators**
- 3. Pumps**



# OVERVIEW



## **Mobile Generation (MG) – \$100B+ market**

- Removes the need for tow-behind generators
- Two barriers to entry
- Proprietary Gearing System – draws power from truck's engine
- Patented Cooling Technology -- reduces size and increases efficiency of generator



## **Motors & Generators – \$100B+ market**

- Removes heat more efficiently and increases power density
- 25-40% more output or reduction in motor size by same %
- Reduces costs by up to 25%:
  - enables lower tolerance materials to be used
- Smaller machine size



## **Pumps – Water and wastewater - \$30B market**

- Vastly reduces extremely high maintenance costs
- Doubles pump output



# INTELLECTUAL PROPERTY

## **MG System**

- Integrated Electrical Power Generation – patent application filed
- Parallel Power Input Gearbox – patent application filed

## **Thermal Technology**

- 7 patents cover different types of heat removal from electric motors, generators, electronics, battery packs, controls, brakes, clutches, etc.
- All incorporate unique application of heat pipes

## **Benefits**

Remove heat from motors and generators more efficiently

Increase power density for higher horsepower or electrical output

Increase lifespan

Reduce maintenance costs

Lower costs to manufacture



# MARKET DRILL DOWN: MOBILE GENERATION (MG)

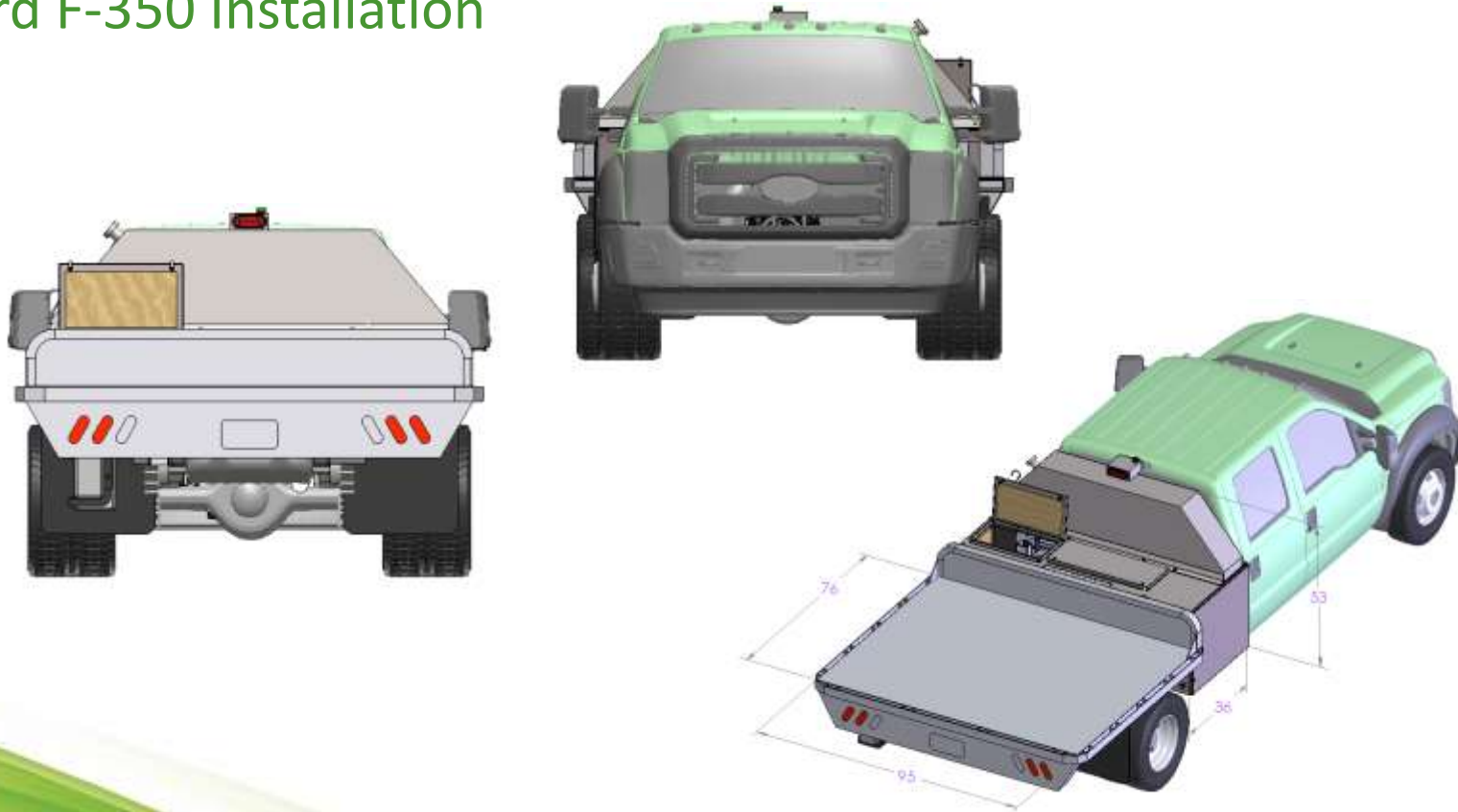
**Power onboard transforms any truck into a mobile generator.**

- New or existing trucks: **Class 3 to 8**
  - Does not affect truck warranties: Moss/Warren Act.
- **20% of the weight** and much lower cost than tow-behind generators
- Uses truck's engine to deliver up to **300 kVA of electric power**  
(single or three phase)
- Runs compressors, welders, provides backup power or plugs into grid
- **Integrated telematics & dashboard control from Panasonic Toughpad**  
(diagnostic, predictive & preventative maintenance capability)
- Works with **any type of engine or fuel**: diesel, natural gas, fuel cell, solar



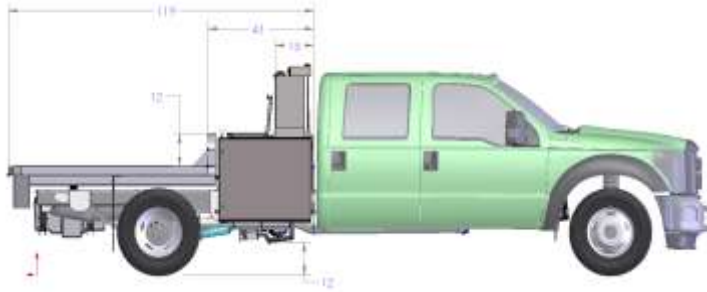
# MARKET DRILL DOWN: MOBILE GENERATION (MG)

## Ford F-350 Installation



# MARKET DRILL DOWN: MOBILE GENERATION (MG)

## Ford F-350 Installation



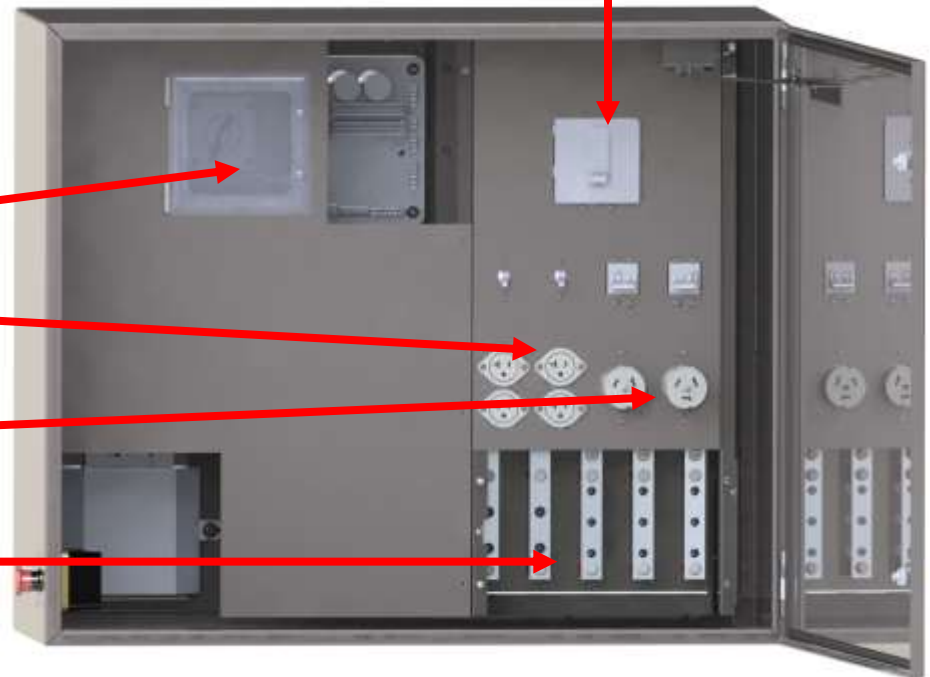
Voltage Selector Switch

120 VAC Outlets

220 VAC Outlets

Ground, Neutral,  
and Bus Bars

Main Circuit  
Breaker



# MARKET DRILL DOWN: MOBILE GENERATION (MG)

Representative Applications



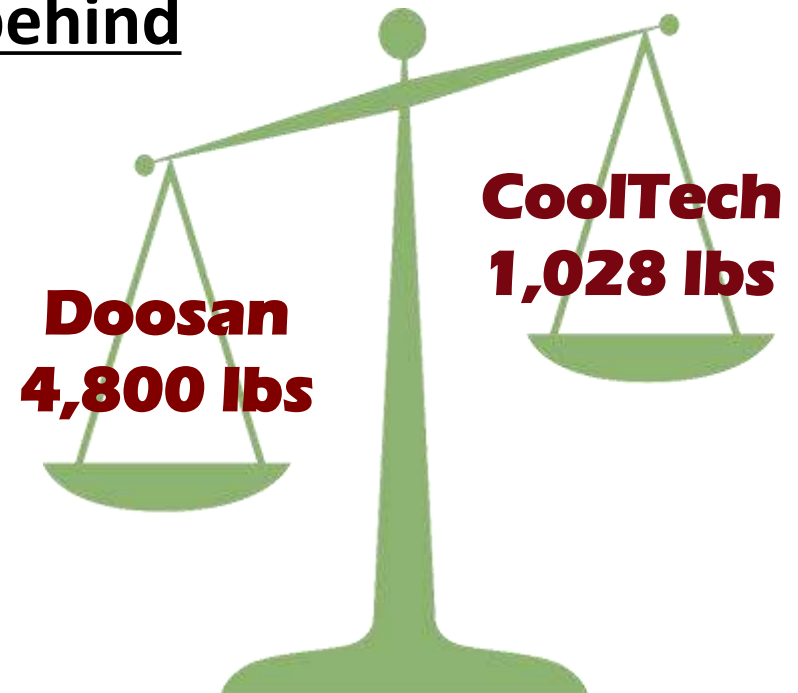


# MARKET DRILL DOWN: MOBILE GENERATION (MG)

## Eliminates need to pull a tow-behind

### MG vs. Tow-Behind Generators

- 60 to 80% lighter weight
- 20 to 40% lower cost
- Chassis mount in the vehicle
- Huge fuel savings  
(typical work truck - \$3-8K annual savings)
- Warrantied by CoolTech and partners
- Mobile power capabilities – up to 300 kVA.



# MARKET DRILL DOWN: MOBILE GENERATION (MG)

## Green Proposition

- **Lower emissions, less fuel**
- Proprietary gearing & unitized generator system
  - Consumes less energy, outputs same power as tow-behind
- Fuel agnostic: **CNG, LNG, Fuel Cell, Gas, Diesel, Solar**
- No idle feature
  - Runs completely on batteries/Solar w/ no emissions
    - Uses either Lead Acid (99% recyclable) or Lithium Ion batteries



# GROWTH PLAN

Agriculture,  
Military,  
Disaster Relief

Fleets:  
Construction,  
Utilities,  
Oil & Gas

Africa, Asia,  
Latin America,  
Arabian  
Peninsula

**Current Sales:** Agriculture  
10 Purchase orders  
244 Purchase commitments  
\$22 Million – Est. value



# REPRESENTATIVE TRUCK FLEETS

## Utilities

- AT&T
- Verizon
- Pacific Gas & Electric
- American Electric Power

## Oil and Gas

- Baker Hughes
- AmeriGas
- Haliburton
- Crop Production Services

## Service

- Comcast Corp
- Time Warner Cable
- Cintas
- Asplundh

## Construction

- Quanta Services
- Oldcastle
- MasTech
- Dycom Industries



# EQUIPMENT FLEET BREAKDOWN

## Equipment by Fleet

Cement  
Construction  
Food and Beverage

Manufacturing  
Oil and Gas  
Retail/Wholesale

Sanitation  
Business/Home Services  
Utilities

### Total

#### Trucks

1,003,358

#### Tractors

178,255

#### Trailers

469,346



# MANAGEMENT

## Experienced management team with a history of bringing technology to market and driving growth

**Timothy Hassett**  
CEO, Chairman & Co-  
Founder

**30+ years experience managing and growing manufacturing firms:** GE, WaveCrest, Hawk Motors, Rockwell Automation

- Turned around two divisions(Distribution Services & Motors) for Jack Welch at GE
- Took WaveCrest from \$0 to \$30M in revenues in 18 months (with Mark) with 3 NPI platforms
- Took Lemo from \$32 to \$75M in revenue and grew net income 22x in 4 years (with Mark)
- Mars Rover drive train co-designer

**Mark Hodowanec**  
Co-Founder

**25+ years of engineering & operations expertise: more than 30 publications & numerous patents**

- Engineering Director at Curtiss-Wright
- Led new product innovation at Reliance Electric
- Engineering Manager at Siemens Energy and Automation
- Led Emerson to API 541, 610 Rev. III&IV approvals – after Emerson’s efforts had failed for 11 years
- Mars Rover drive train co-designer

**Quentin Ponder**  
Vice Chairman

**50+ years experience in management: President Baldor Electric Motors CEO, Franklin Electric Motors, GE**

- Noted in the book “World Class Manufacturing: The Next Decade” as one of the 5 best executives for manufacturing improvement pathways in the modern industrial era
- Coined the term “Flex Flow Manufacturing” based on his revolutionary manufacturing management techniques



# BOARD OF DIRECTORS/ADVISORS

**Tim Hassett (CEO):** GE, Rockwell Automation, LEMO, SA, Hawk Corp.

**Dan Ustian:** Chairman & CEO of Navistar, Inc. (retired), 37 years in the auto industry

**Richard Schul:** Emerson Electric, (retired) SVP Emerson Corp. 43 years in motor & generator industry

**William Finley:** CTO, Siemens Energy and Automation (current)

**Scott Van Dorn:** Engineering Director at Navistar and previous Chief Engineer, Ford (F-150)

**Gurminder Bedi:** President Ford Global Trucking, (retired) 30 years

**Donald L. Bowman:** CEO of BVU (Bristol Virginia Utilities)

**Mark D. Steele:** CEO, President and Co-Owner of Craftsmen Industries

**Chris McKee:** General Counsel and SVP GTT Communications



# FORWARD LOOKING STATEMENTS

This presentation contains information that is “forward-looking” in that it describes events and conditions Cool Technologies, Inc. reasonably expects to occur in the future. Expectations for the future performance of Cool Technologies, Inc. are dependent upon a number of factors, and there can be no assurance that Cool Technologies, Inc. will achieve the results as contemplated herein. Certain statements contained in this release using the terms “will”, “could”, “may”, “expects to”, “potential”, “planned”, “expected”, “estimates”, “schedule”, “anticipates”, and other terms denoting future possibilities, are forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. The accuracy of these statements cannot be guaranteed as they are subject to a variety of risks, which are beyond Cool Technologies, Inc.’s ability to predict, or control and which may cause actual results to differ materially from the estimates contained herein. Among these risks are those set forth in Cool Technologies, Inc.’s Form 10-K and in reports subsequently filed with the Securities and Exchange Commission, and in addition to the other risks and caveats included in this presentation. It is important that each person reviewing this presentation understand the significant risks attendant to the operations of Cool Technologies, Inc. Except as required by law, Cool Technologies, Inc. disclaims any obligation to update any forward-looking statement contained herein.







## OTCQB: WARM

**Thank You**

for your interest

Timothy J. Hassett

Chairman and CEO

[info@cooltechnologiesinc.com](mailto:info@cooltechnologiesinc.com)

