



**ELECTRA THERM™**



# *Green Machines for a Sustainable Future, Now*

*International Headquarters  
Carson City, Nevada*

**EXHIBIT B-2 - ENERGY**  
Document consists of 9 pages.  
Entire exhibit provided.  
Meeting Date: 11-03-09



**THE WALL STREET JOURNAL**  
International Innovation Award  
Energy 2009



**Popular Science Best of 2008**  
Green Technology



**2009 Entrepreneur of the Year**



**2009 Green Company of the Year**

# Heat to Power

The Definition of Efficiency



*ElectraTherm Green Machines generate distributed electricity from water no hotter than a cup of tea*

*The Green Machine can convert roughly 10% of thermal energy from low temp heat streams to electricity*

# Applications

- Generator Sets
- Geothermal
- Biomass
- Solar Thermal



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# Florida Canyon Mine, Nevada

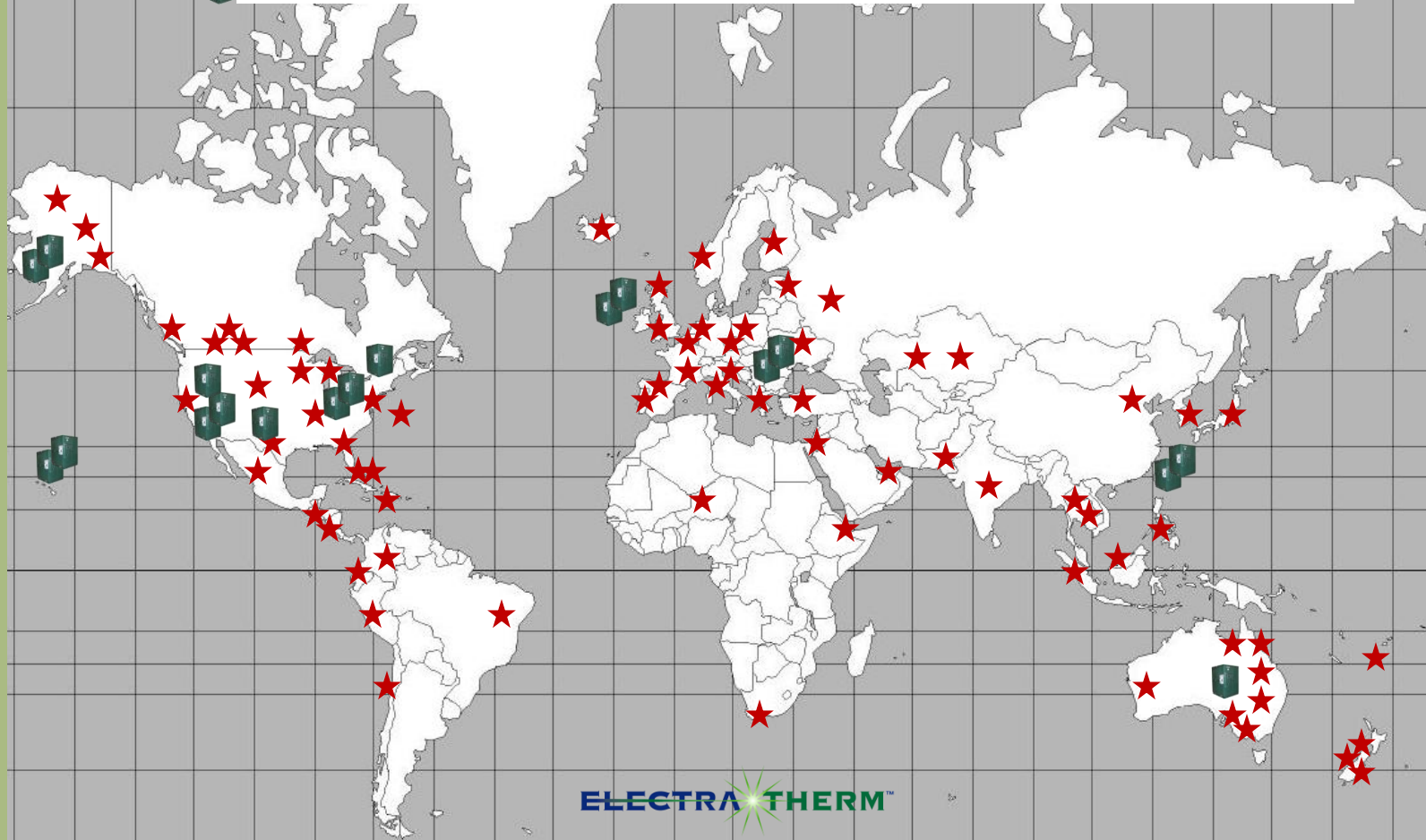
*The First Commercial Geothermal Application*



ElectraTherm's Green Machine to use existing 220°F groundwater to create fuel-free, clean electrical power while cooling that geothermal water for further use in mining operations.



# ElectraTherm Sales, ★ Dealers and Dealer Candidates





# Green Machine Production Facility

## Mound House, Nevada



# Milestones and Goals

- **CROSSED THE CHASM in 2009:** *R&D to Commercialization*
  - *Shipped 7 units, 8 more by year end; 30 unit total backlog*
- **\$5.3M NEW CAPITAL** this year, nearly \$10M total
- **JOB GROWTH** from 5 employees 18 months ago to 31 currently
  - *Accelerator effect of outsource model means many other jobs created in community*
- **CONTINUED GROWTH:** *Current hire list 20 more full-time, high-paying jobs in the next few months*

# Nevada Policy Drivers

Renewable Portfolio Standard (RPS) in Nevada: 25% by 2025

*Nevada's RPS has proven to be the pivot point for bringing new renewable electricity on line in Nevada.*

*The key renewables are geothermal, solar, wind AND EFFICIENCY.*

*ENERGY EFFICIENCY should be added to RPS.*

