

ENGINEUITY

P O W E R S Y S T E M S

Simply Efficient™

E | ONE

“E” SERIES



#EnginuityPowerSystems     EnginuityPowerSystems.com



Made in USA

MISSION – HOME ENERGY SYSTEM

Simply Efficient™

In 2015, Enginuity began designing innovative power technologies, to solve

THE NEED FOR AN INEXPENSIVE DISTRIBUTED ENERGY SYSTEM

2020, Enginuity is recognized with the:

“Best Home Technology Product”

“Best Energy Efficient Product”

“BEST IN SHOW”

at the NAHB International Builder’s Show;
the first completely new home appliance in
a generation is the:

E | ONE

LEGACY POWER PRODUCTION IS INEFFICIENT

CENTRALIZED POWER

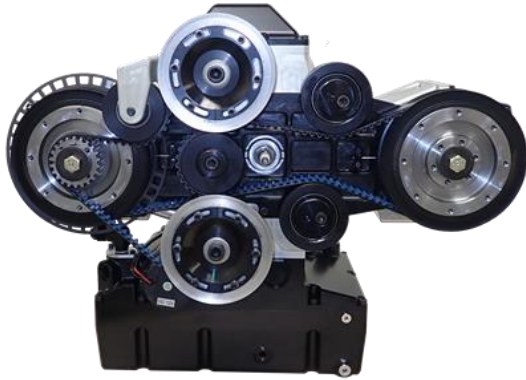
- Legacy fossil fuel Power Plants lose up to 67% in waste heat
- Transmission contributes an additional 5% to 7% in losses
- Usable power – **less than 30%**

OUR SOLUTION

- Provides a Distributive Energy solution
- No transmission losses because power is made on site
- Useable power - **more than 90%**

Simply Efficient™

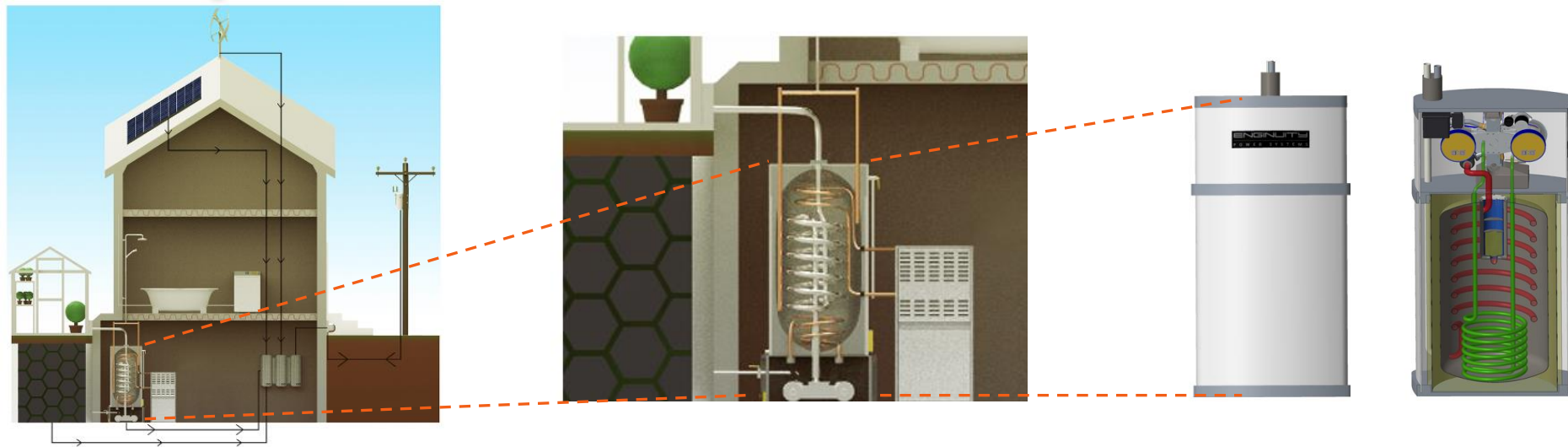
Enginuity's Revolutionary Engine Technology

OUR POWER DEVICE	KEY BENEFITS
	<ul style="list-style-type: none">■ Compact and lightweight■ Efficient, uses less fuel■ Fewer parts, economical to manufacture■ Low emissions, unique exhaust treatment■ Durable with reduced friction■ Near vibration free, quiet, suitable for indoors

Our Patented System for the Home



28 patents: Issued (12) and Pending (16)



E | One replaces a home's water heater and furnace and eliminates the need for emergency generation.

APPLICATIONS



CORE APPLICATIONS

- Generates electricity serving as a backup generator
- Replaces traditional home furnace and water heater

ANCILLARY APPLICATIONS

- Controls home humidity
- Provides power for cooling
- Complementary to storage and solar systems



THE HEART OF THE HOME



High Efficiency

3X more efficient than centralized power distribution model

E1 is over 90% efficient versus <30% for traditional centralized distribution model

Payback

Reduces a home's electric bill, these savings lead to a quick payback

Grid services and incentives can further reduce payback substantially

Durable

Designed for indoor use with a 20+ year lifespan allows for years of savings

Integration

Seamlessly fits into the same location as a home's water heater and furnace

Operates with existing fuel supply, natural gas or propane

Compatibility

Compatible with ancillary and existing systems, such as; batteries (storage), solar and the grid

Environmentally Friendly

High efficiency means less fuel, reduces emissions, resulting in cleaner air and less carbon

MARKET (UNITED STATES)



Market Size

New Home Construction

1.2 Million New homes built annually	×	50% New homes built annually supplied by natural gas	=	600K Total of new homes built annually supplied by natural gas
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Retrofit Market

70 Million Existing homes supplied by natural gas	÷	5 years Existing home's water heater, furnace replacement or need for backup generator	=	14 Million Existing homes replacing HVAC or desire for home generation
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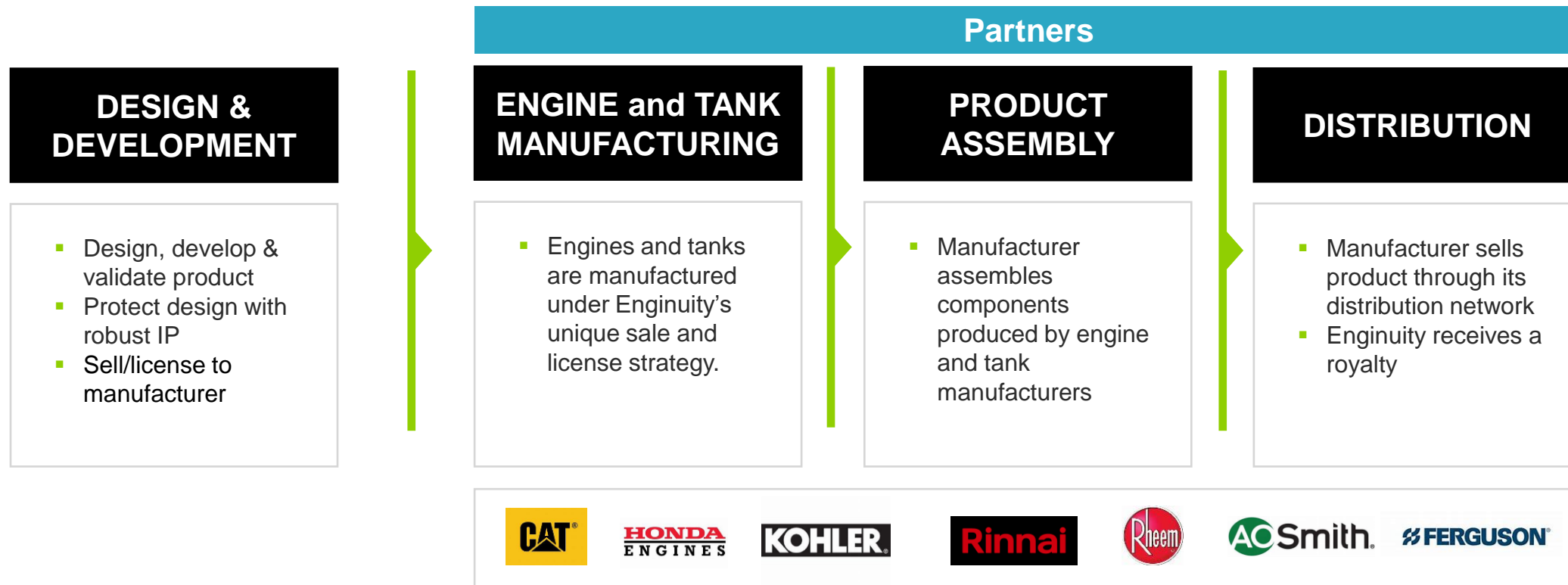
CURRENT PARTNERSHIPS

Simply Efficient™

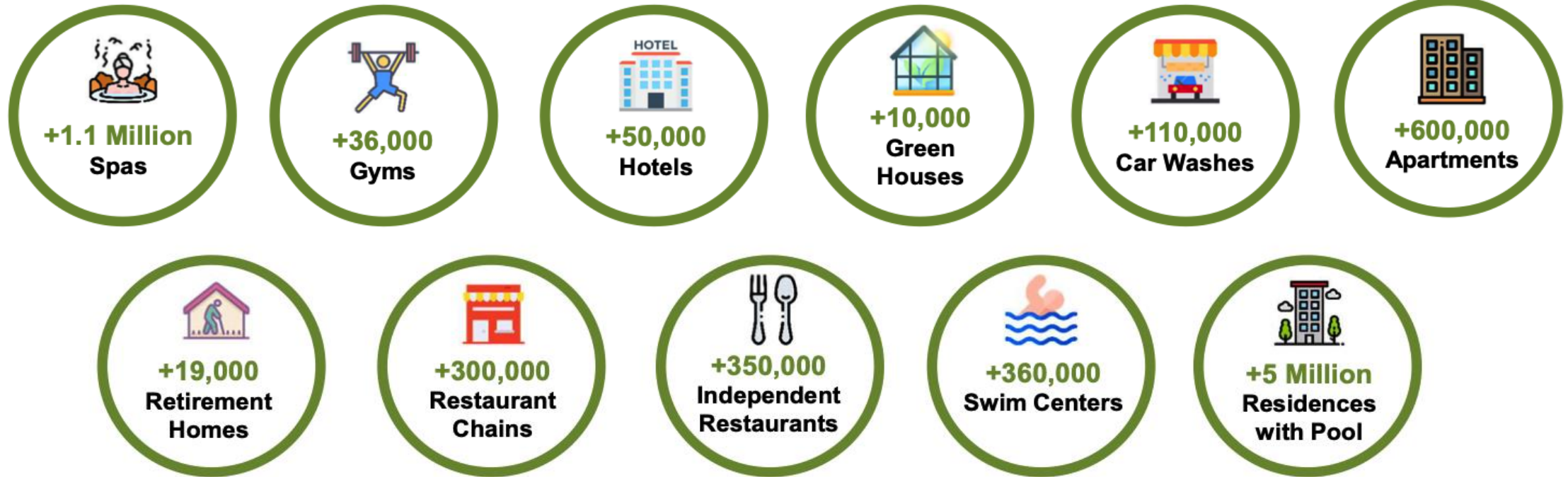


TECHNOLOGY MONETIZATION STRATEGY *Simply Efficient™*

Enginuity has begun discussions with reputable global OEMs



OUR FUTURE LOOKS BRIGHT



E | Two is larger, customizable and more powerful, targeting the markets for light commercial and pool heating applications...market exceeds 8 million sites (United States).

World Class Talent

ACCESS TO MULTI-DISCIPLINARY KNOWLEDGE BASE*



Executive Management

Jacques Beaudry-Losique – President, Business Strategist

James Warren – Founder, original inventor of engine architecture

Steve Niswander – Founder, Sales and Marketing



Engineering

Mehar Bade, UWV Ph.D., Mechanical Research engineer, heads Engineering Team

Eric Suits, Engine and Automotive Engineering

Greg Powell – Business Development, Engineering



Operations & Manufacturing

Vince Meyers – Executive VP Operations, Leads prototype construction, manages key manufacturing facility

Steve Spurr – Logistics and Manufacturing

Tony Mannarino – Retired World Class Ford Engine Manufacturing expert



Systems Integration

Jack Johnson – CEO, Volta Systems, Advanced Storage, Battery, Circuitry

Robert Maier – Control Systems Inc., Director of Engineering

Scott Jorda, Serial Innovator, Prototyping



Government/Legal

Lara Reyes – Director – Government Markets, Leads government procurement contract efforts

Quang Ha – Corporate Law

John Curtin – Patents

David Rogers – Cleantech Policy & Regulatory Expert

* Biographies and resumes are available upon request

Using solar, timed generation and storage in concert, Transactional Energy Management (TEM) maximizes opportunities in grid economics. Buying during times of excess (Peak Solar Hours) and deploying this stored energy coupled with timed generation when demand is highest (Peak Grid Load).

Our “Utility Centric” model financially benefits the Utility, the Homeowner, the E Series Manufacturer and the TEM software service Company. The income to the Homeowner can cut the payback time of the E | One in half.

A more complete presentation is available upon request for those who desire more information and a deeper dive on TEM.

THE CONCEPT THAT PERSONAL SACRIFICE IS THE ONLY SOLUTION TO ENVIRONMENTAL DEGRADATION IS FLAWED AND INCENTIVIZES US TO KICK THE CAN DOWN TO THE NEXT GENERATION...

ENGINEUITY HAS A SOLUTION.

In the near future, we envision a low-cost, low-carbon energy that creates an abundance of jobs with advanced reliability, security; and in turn a world of cleaner air and water."

ENGINUITY

P O W E R S Y S T E M S

*Simply Efficient*TM

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