

# InnovaGen® Energy System

## Distributed Power, Auxiliary Power, and Battery Range Extender

Creates heat and electricity without combustion, using a catalytic process

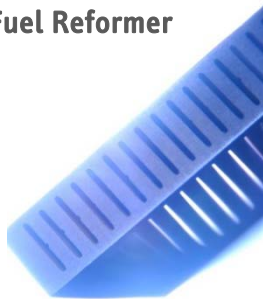
- Power for on- and off-grid, APU for aircraft, and electric vehicles
- 55% more efficient than grid power; reduces fuel costs by 40% or more
- 10-20% more efficient, 60-90% lower emissions than combustion turbines and engines
- Operates with natural gas, kerosene or renewable biofuels



## Proprietary Technology

### InnovaTek InnovaGen® Fuel Reformer

- iTek catalysts
- X-Tek heat exchangers
- Micro-channel reactor



### Fuel Cell

- High temperature electrochemical materials
- Low cost manufacturing

## Sustainable Design

- ✓ Lower material & energy intensity
- ✓ Less dispersion of toxic materials
- ✓ Uses renewable fuel from algae or “waste” from lumber and agricultural processes)
- ✓ Greater service intensity & durability (30 yr lifetime)

5 kW InnovaGen: saves 47,100 kWh/y  
Total CO2 reduced per year = 30 tons



Equal to 6 acres forest



Removing emissions of 5 cars