



PURECELL® SYSTEM

Productive. Secure. Clean.

Confidential and Proprietary

ABOUT CLEAREDGE POWER

- Established in 2003
- Headquartered in Sunnyvale, California
- Acquired UTC Power February 2013
 - Over 50 years of fuel cell experience
- Facilities in Connecticut and Oregon
 - South Windsor, CT (150,000 sq. ft.)
 - Hillsboro, OR (86,000 sq. ft.)
- U.S. field offices
- Global presence with international offices in South Korea and Austria
- ISO 9001 / 14001 Certified



PURECELL® SYSTEMS

**Combined Heat & Power (CHP)
Fuel Cell generation systems**



**400 kW
Infrastructure
Systems**



**5 kW
Local Load
Systems**

Multiple 400 kW or 5 kW systems can be combined for higher capacities

Design Features

- Unmatched cell stack life (80,000 hours)
- Grid-independent operation
- Electric load following
- Multi-megawatt capacity
- Low pressure natural gas fuel
- Low noise and vibration
- Ultra-low emissions
- ANSI FC-1, UL1741
- No shutdowns for preventative maintenance



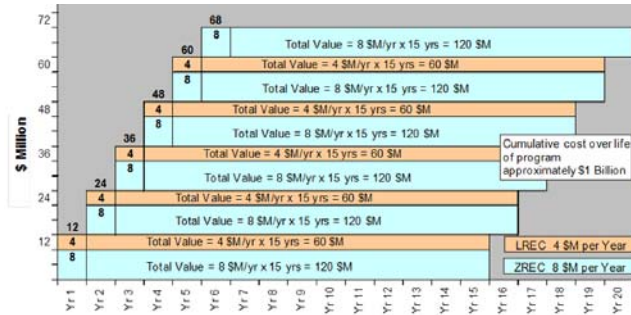
DIVERSE CUSTOMER BASE

- Over 20 years of field experience
- Over 400 systems in 19 countries
- Over 10 million hours of fleet operation
- Fleet leader over 90,000 hours



LOW EMISSION RENEWABLE ENERGY CREDIT (LREC) PROGRAM

- Established in 2012 under Connecticut Energy Act
- Utilities purchase renewable energy credits from qualified projects
- Eligibility: Class I technologies that meet emission thresholds
- \$300MM budget (LREC only – yellow shade below)



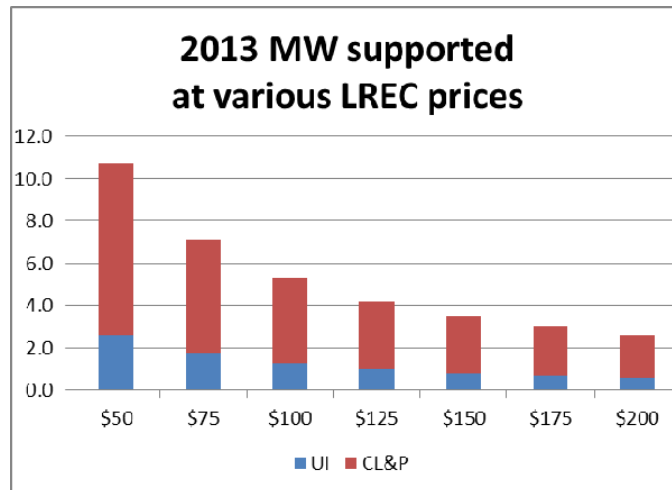
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LOW EMISSION RENEWABLE ENERGY CREDIT (LREC) PROGRAM

Annual Output Supported by Program (Based on Model 400)



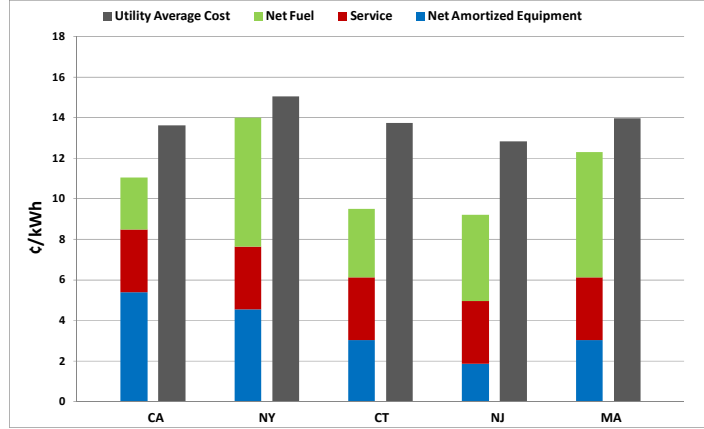
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COST OF ELECTRICITY

PureCell® System Model 400



Assumptions:

- Net fuel = fuel cell gas input minus heating fuel saved (assumes 50% thermal utilization)
- Service = 10 year comprehensive service plan
- Net Amortized Equipment = total installed cost net of state and federal incentives amortized over 10 years with an 8% cost of money



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THANK YOU !

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