

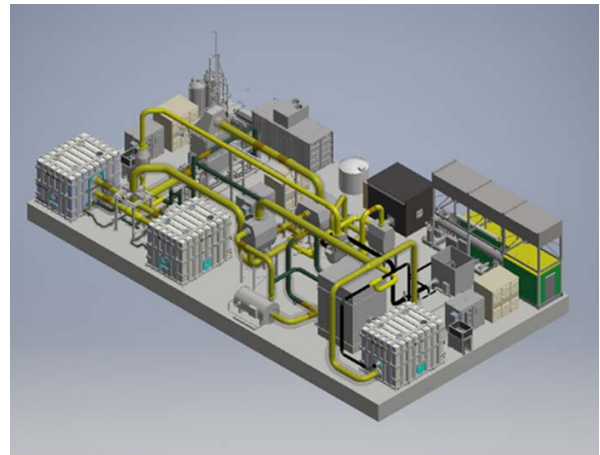
SureSource 4000

3.7 MEGAWATTS

KEY FEATURES

- Continuous Power
- High Electrical and Total Efficiency
- Fuel Flexible
- Ultra-Clean
- Scalable
- Modest Footprint
- Quiet Operation

**3.7 MW, 13,800 VAC,
50 or 60 Hz**



APPLICATIONS

The SureSource 4000 is the largest in the SureSource power plant fleet and utilizes a third fuel cell module to generate 3.7 megawatts (MW) of ultra-clean power with an industry-leading electrical efficiency of approximately 60%. Scalable to more than 100 MW, this enhanced-efficiency fuel cell system is designed for utilities, large industrial users, data centers, and other customers focused on clean and affordable power driven by the benefits and economics of high system electrical efficiency.

PERFORMANCE

Gross Power Output

Power @ Plant Rating	3,700 kW
Standard Output AC voltage	13,800 V
Standard Frequency	60 Hz
Optional Output AC Voltages	12,700 V 4,160 V
Optional Output Frequency	50 Hz

Electrical Efficiency

LHV	60%
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Available Heat from Exhaust

Exhaust Temperature	325°F
Exhaust Flow	38,000 lb/h
Allowable Backpressure	5 inches

Heat Energy Available for Recovery

(to 250 °F)	734,000 Btu/h
(to 120 °F)	2,000,000 Btu/h

Additional Hot Water Capability

Water up to 120 °F	2,500,000 Btu/h
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Fuel Consumption

Natural gas (at 930 Btu/ft ³)	383 scfm
Heat rate, LHV	5,785 Btu/kWh

Water Consumption

Above 2.2 MW power output	0 gpm
Below 2.2 MW power output	< 1 gpm

Emissions

NO _x	0.01 lb/MWh
SO _x	0.0001 lb/MWh
PM10	0.00002 lb/MWh
CO ₂	725 lb/MWh
CO ₂ (with waste heat recovery)	550-680 lb/MWh

Sound Level

Standard	72 dB(A) at 10 feet
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ABOUT FUELCELL ENERGY

FuelCell Energy (NASDAQ: FCEL) delivers efficient, affordable and clean solutions for the supply, recovery and storage of energy. We design, manufacture, undertake project development, install, operate and maintain megawatt-scale fuel cell systems, serving utilities, industrial and large municipal power users with solutions that include both utility-scale and on-site power generation, carbon capture, local hydrogen production for transportation and industry, and long duration energy storage.