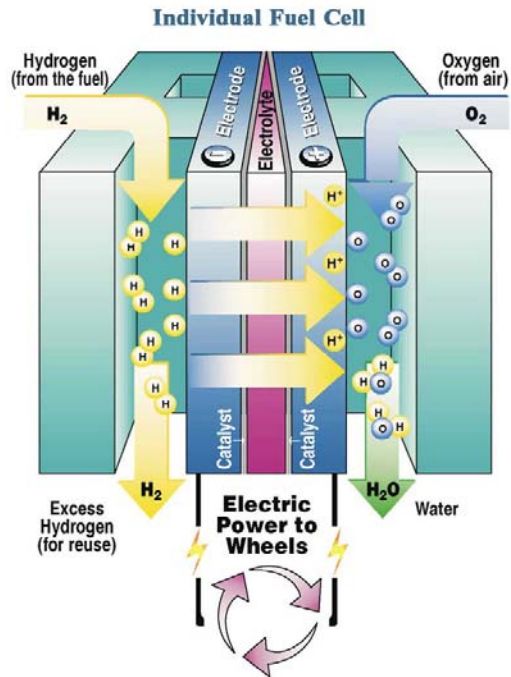


From *Just the Basics: Fuel Cells*, from the Office of Transportation Technologies, US Department of Energy:<sup>1</sup>

*“I’m interested in making things again. Clean water, transportation, clean power—those are the big markets of the future.” John Doerr, Partner, Kleiner Perkins*

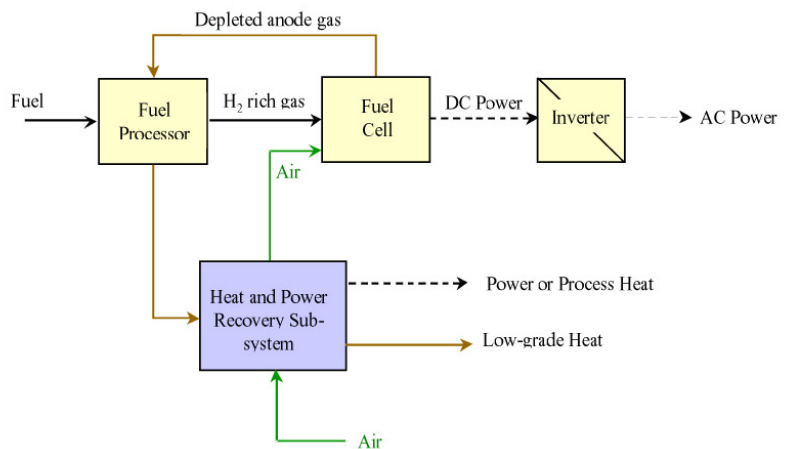


A generic fuel cell system includes a stack of fuel cell units, a fuel processor, heat and power recovery subsystems and a power converter. The Company’s process would replace the fuel processor, producing pure hydrogen without pollutants. As well, a heat and power recovery subsystem would not be necessary. From an analysis of fuel cells by the Energy Center of Wisconsin:<sup>2</sup>

Figure 4: Diagram of a generic fuel cell system (adapted from Blomen and Mugerwa, 1993)

*“The market for a safe, convenient technology for production of hydrogen fuel is as large as the individual markets that currently use fossil fuels.”*

*CleanEdge, the Clean-Tech Market Authority*



<sup>1</sup> *Just the Basics: Fuel Cells*. Office of Transportation Technologies, US Department of Energy, September 2000.

<sup>2</sup> *Report 193-1 Fuel Cells for Distributed Generation: A Technology and Marketing Summary*. Energy Center of Wisconsin, March 2000.