



EE Times:

Johnson Matthey, PolyFuel team on fuel cells

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MANHASSET, N.Y. — Fuel cell membrane supplier PolyFuel Inc. has agreed to provide Johnson Matthey with the PolyFuel hydrocarbon direct methanol fuel cell (DMFC) membrane for fuel cells powering portable devices.

Johnson Matthey (London) will use these membranes in the manufacture of catalyst coated membranes (CCMs) and membrane electrode assemblies (MEAs), which are the part of a fuel cell that actually transforms fuel into electricity.

PolyFuel (Mountain View, Calif.) first launched its hydrocarbon membrane technology for the portable fuel cell market in early 2004.

Jonathan Frost, director of Johnson Matthey Fuel Cells said, "A high-volume, portable fuel cell market will be an important driver in the development and widespread use of fuel cells in all applications. Strategically, this is an important business for us. Designers of methanol fuelled portable fuel cells feel that PolyFuel's membranes have advantages for their devices and now we can offer CCMs and MEAs that combine PolyFuel's hydrocarbon membranes with Johnson Matthey's strengths in catalysts and MEA design."