

Moderate-Temperature Fuel-Flexible Fuel Cell (TRL-4)

Expanded Utility through Manufacturable Processes and More Fuel Options

An artisanal baker could never make a million cookies. Lab-scale fuel-cell production is no different.







Many applications are possible! This fuel cell has multiple options for the types of fuel it can use. A single design and set of scalable manufacturing processes can be easily expanded to a number of product lines. For example, while propane is a useful fuel for off-grid use in rural or remote locations, and backup generator systems, it does no lend itself to applications such as air travel or stationary power for buildings in urban areas. By running on methane, it is easily adaptable to distributed power generation or even replacing wellhead flaring. It also runs on liquid fuels, which means it can be integrated with transportation systems to provide auxiliary power in addition to or lieu of other



Industrial Partner Fuel Cell Energy



