

# Fuel Cells

## General Information:

<b>Solution Description</b>	A fuel cell is a device that converts the chemical energy from a fuel into electricity through a chemical reaction of positively charged hydrogen ions with oxygen or another oxidizing agent. Fuel cells are different from batteries in requiring a continuous source of fuel and oxygen or air to sustain the chemical reaction, whereas in a battery the chemicals present in the battery react with each other to generate an electromotive force (emf). Fuel cells can produce electricity continuously for as long as these inputs are supplied.							
<b>Cost Drivers</b>	<a href="#">List of Cost Drivers</a>							
<b>Commercial Status:</b>	Near Term Commercial							
<b>Related Industries/Fields</b>	Aviation and Transportation, Energy							
<b>Funding Opportunities</b>	<table border="1"><thead><tr><th>Funding Group</th><th>Short Description</th><th>Amount Available</th><th>Link</th></tr></thead></table>				Funding Group	Short Description	Amount Available	Link
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## Current Players Working on this Solution:

## Citations: