Shuttle Fuel Cell (ISS backup)  
[20040010319.pdf](https://ntrs.nasa.gov/api/citations/20040010319/downloads/20040010319.pdf)  
Fuel Cells for Space Science Applications  
  
summary  
Fuel cells were used on the Space Shuttle to generate electricity, water, and heat by combining hydrogen with oxygen. However, there is no reliable source confirming that the ISS currently uses fuel cells as a backup power source in the same way. There may be studies or proposals, but no confirmed deployed system as of the information I found.  
  
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