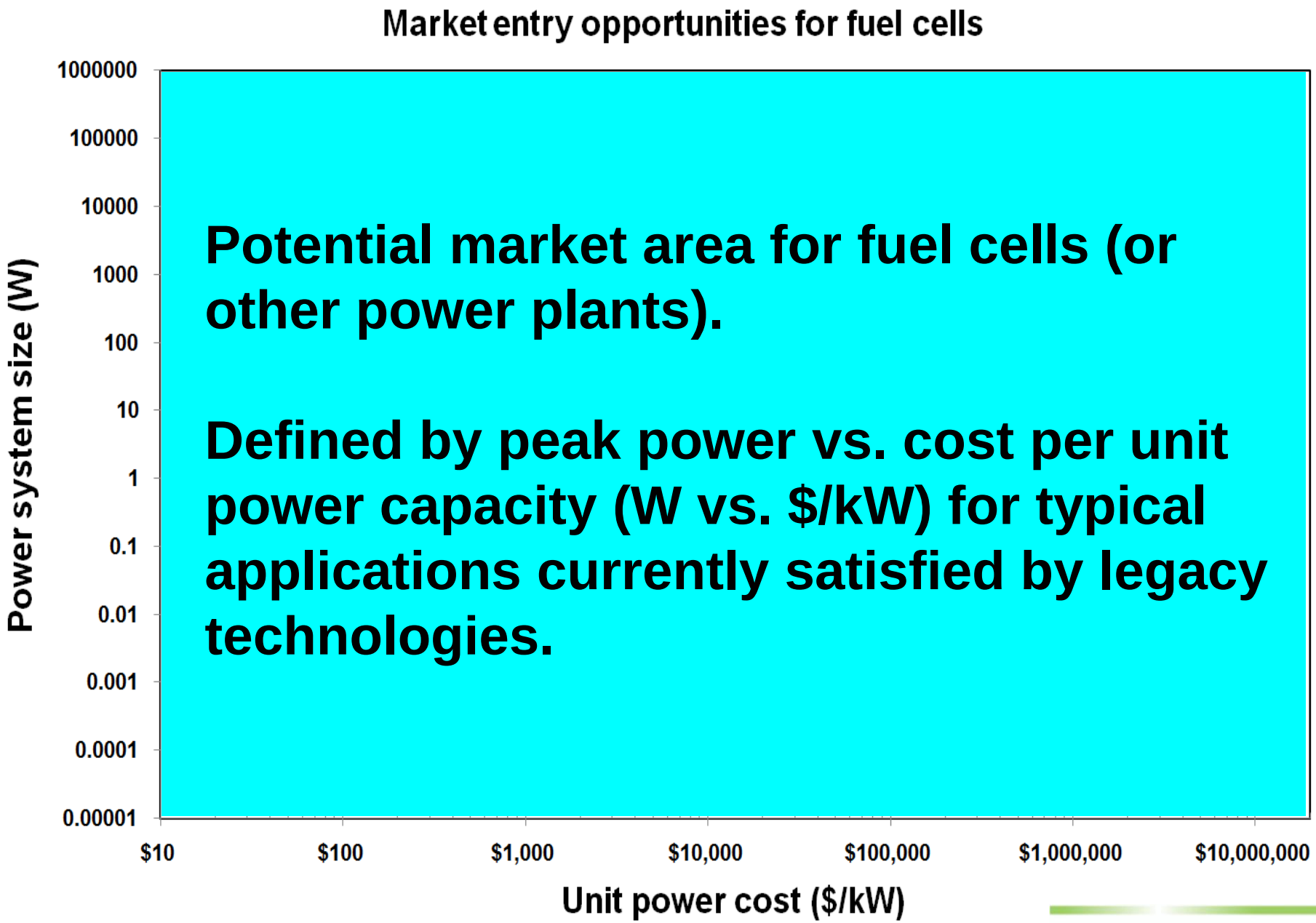
# Hydrogen Storage Technologies

Long-term commercialization approach
with first products first

**Hydrogen and Fuel Cell Technologies**
**Manufacturing R&D Workshop**
Washington, DC


Glenn Rambach
August 11, 2011

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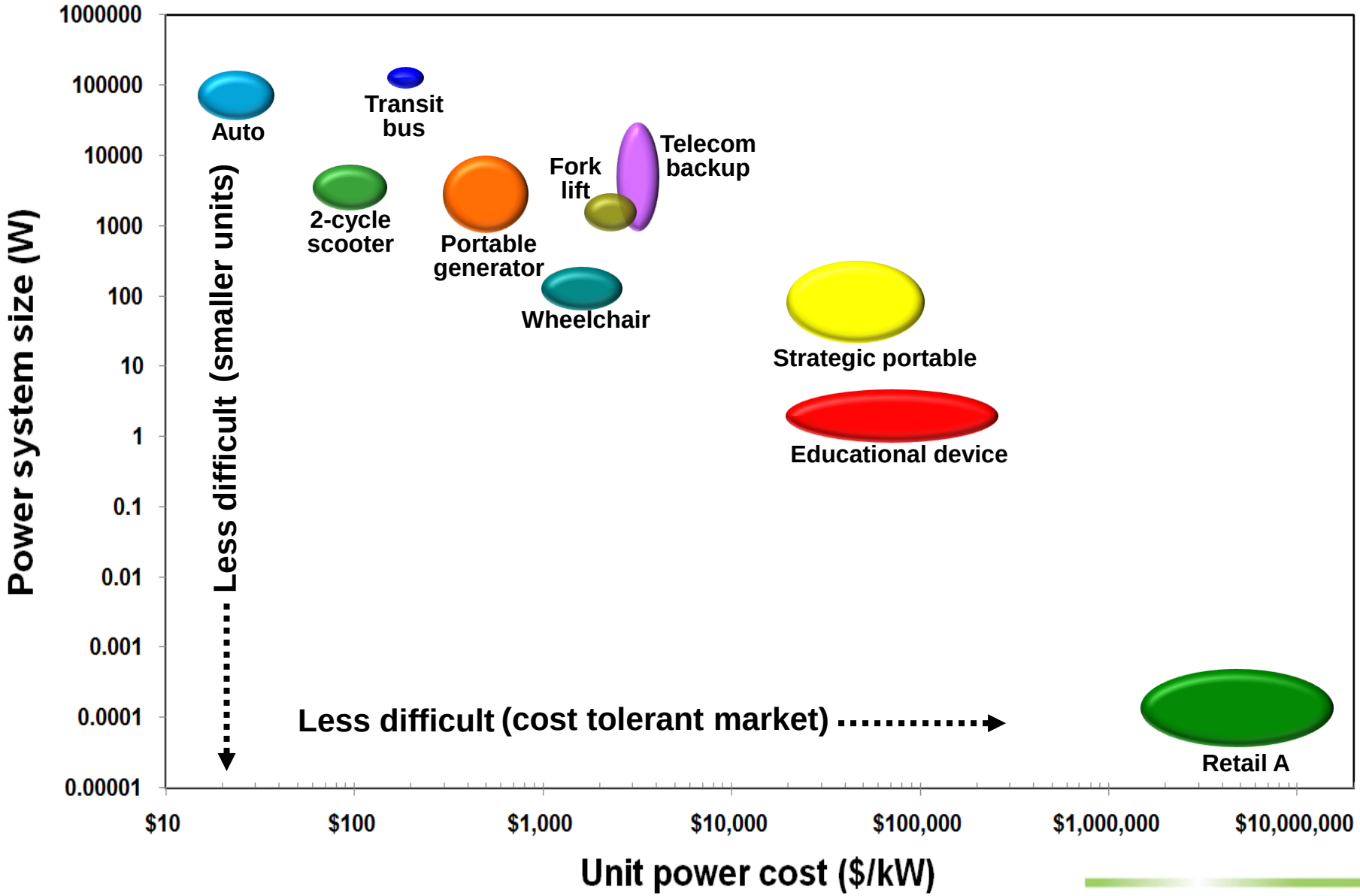
# Market entry opportunities for fuel cells

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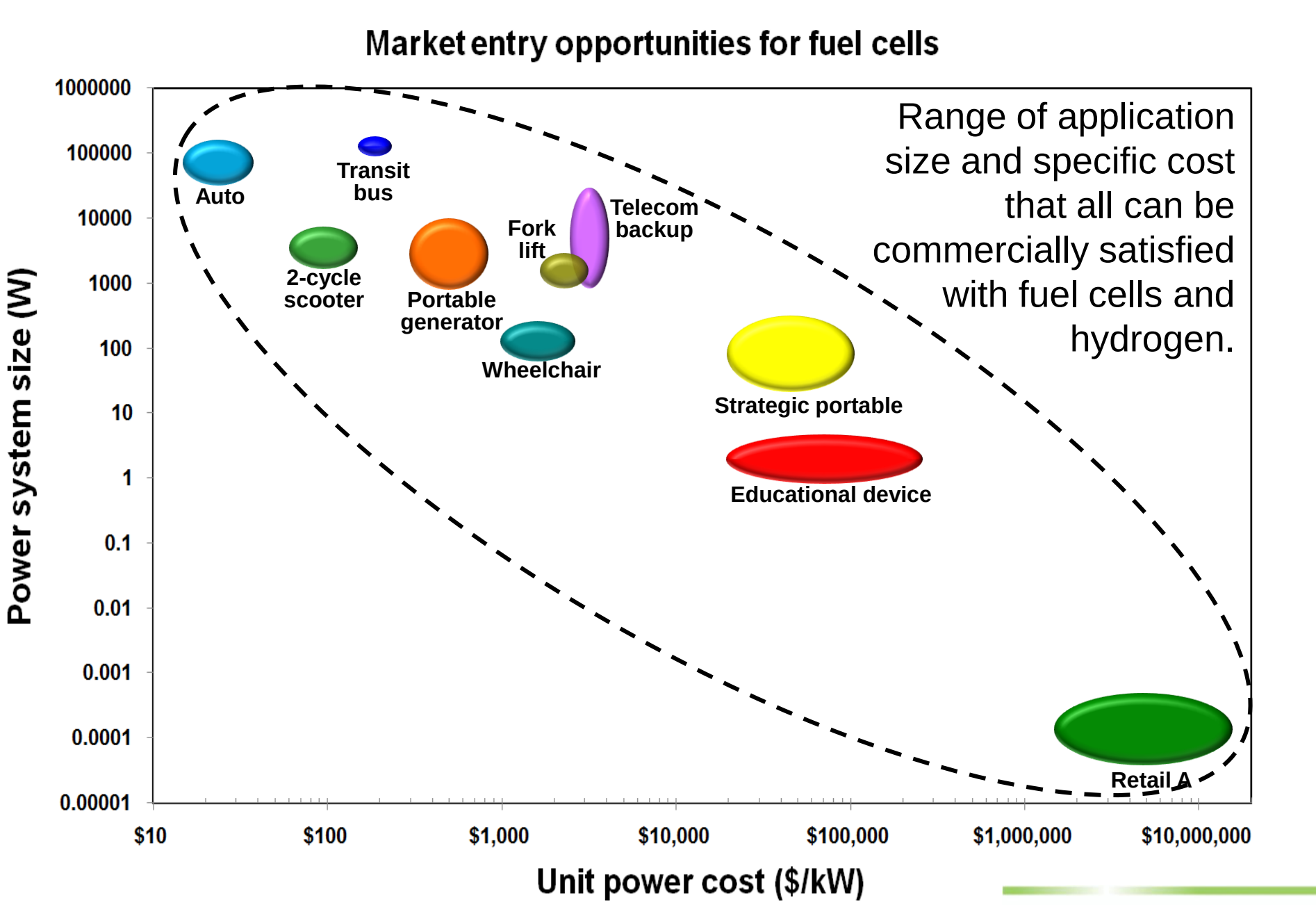


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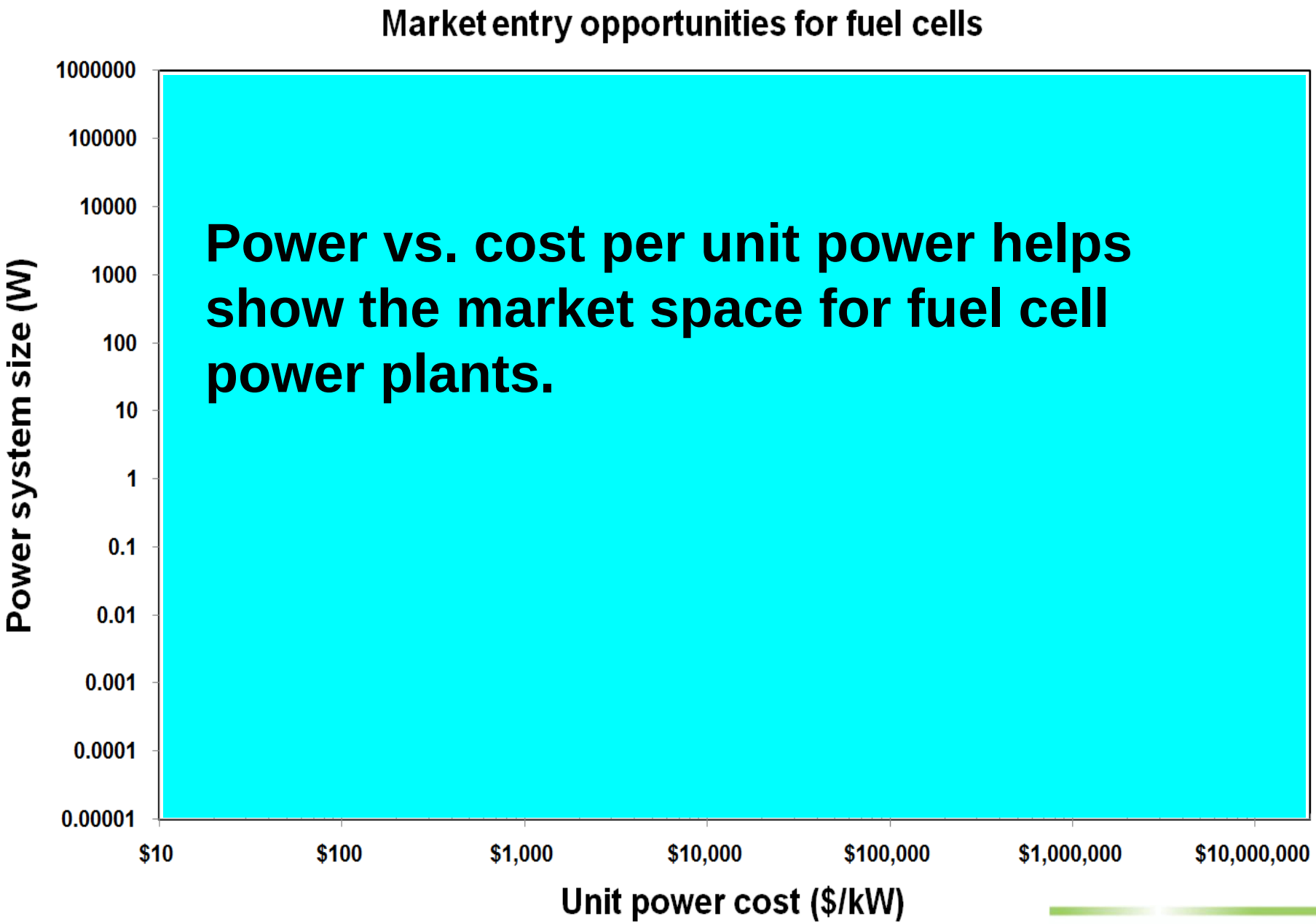


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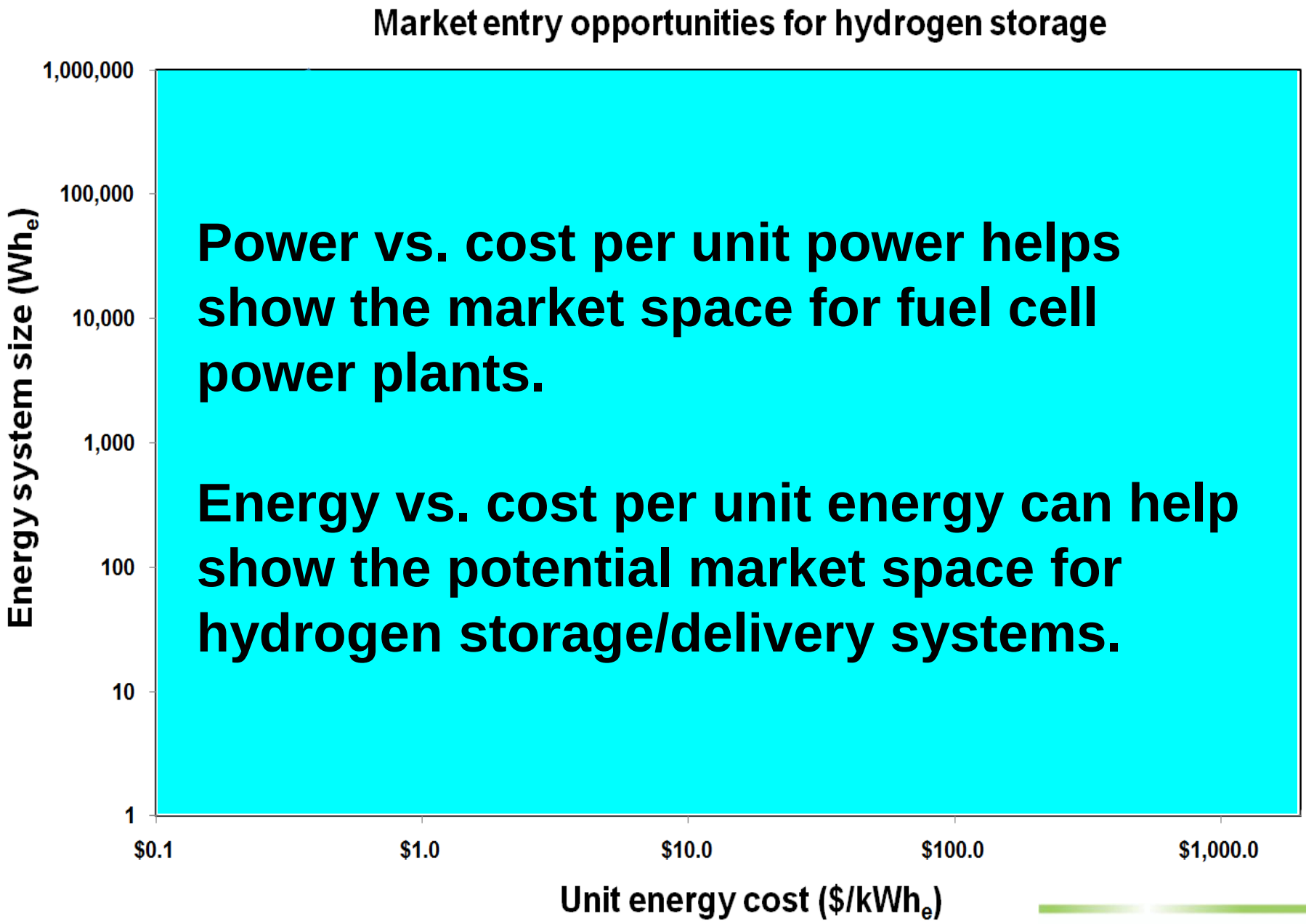


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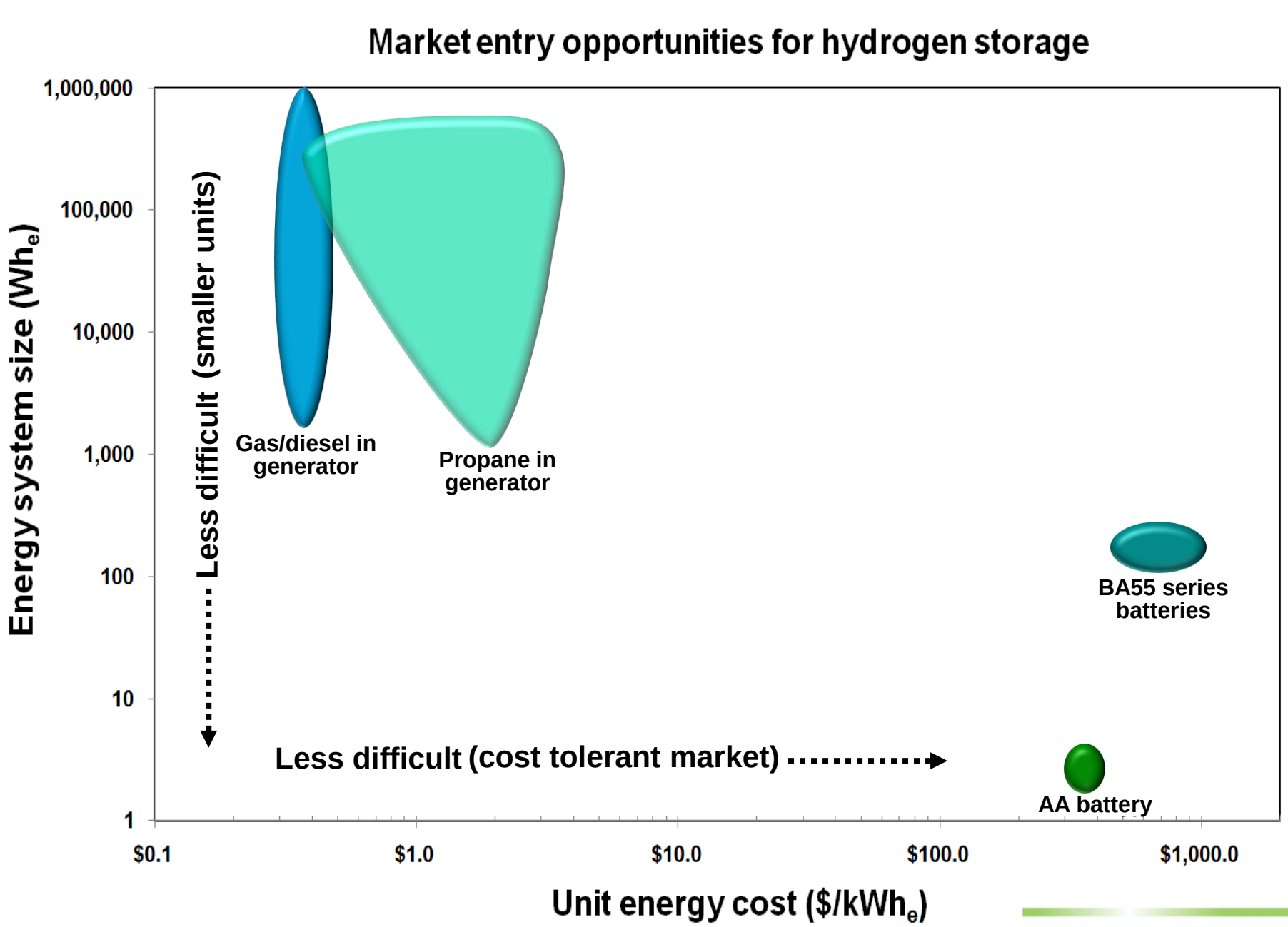


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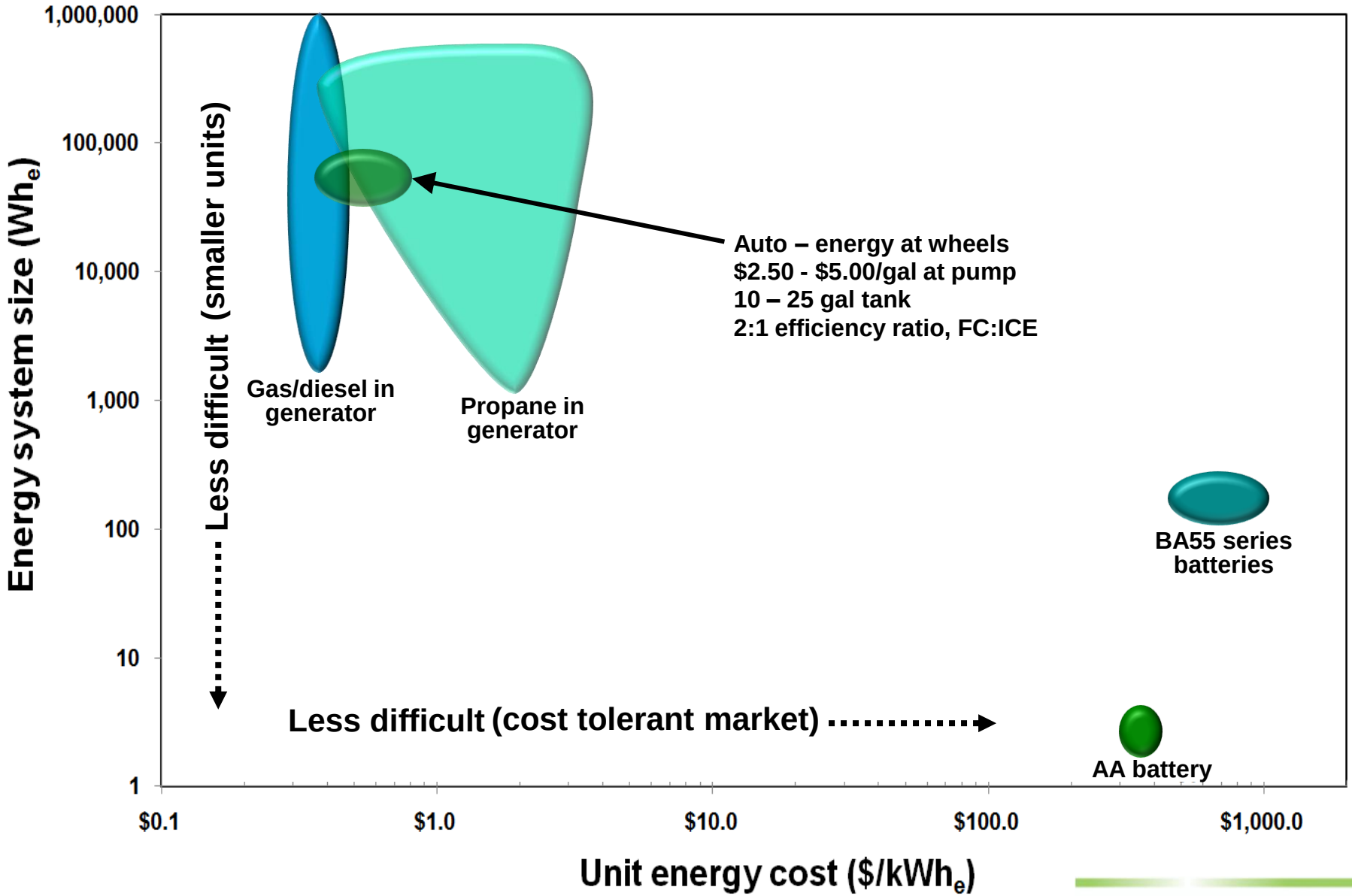
# Market entry opportunities for hydrogen storage

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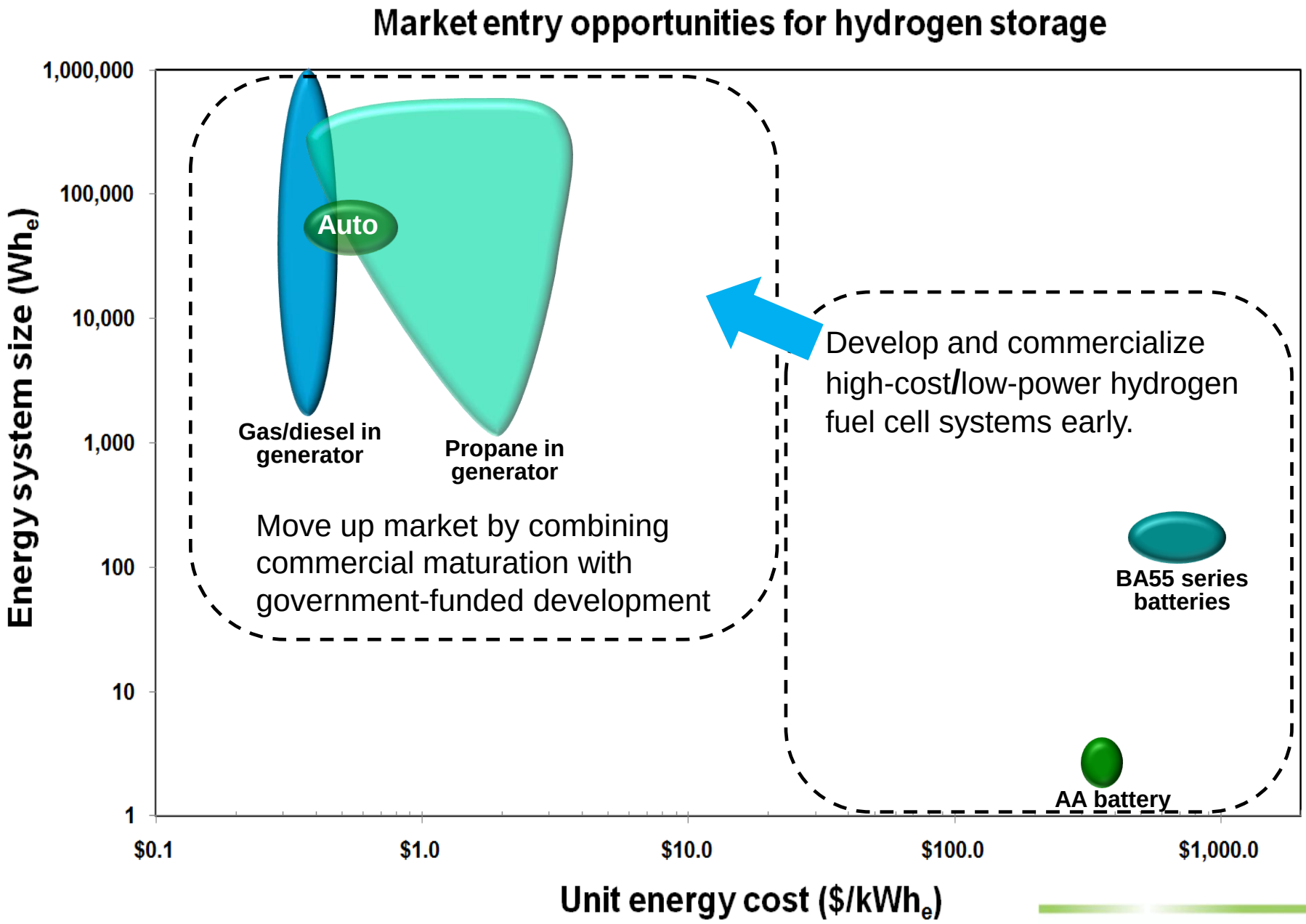


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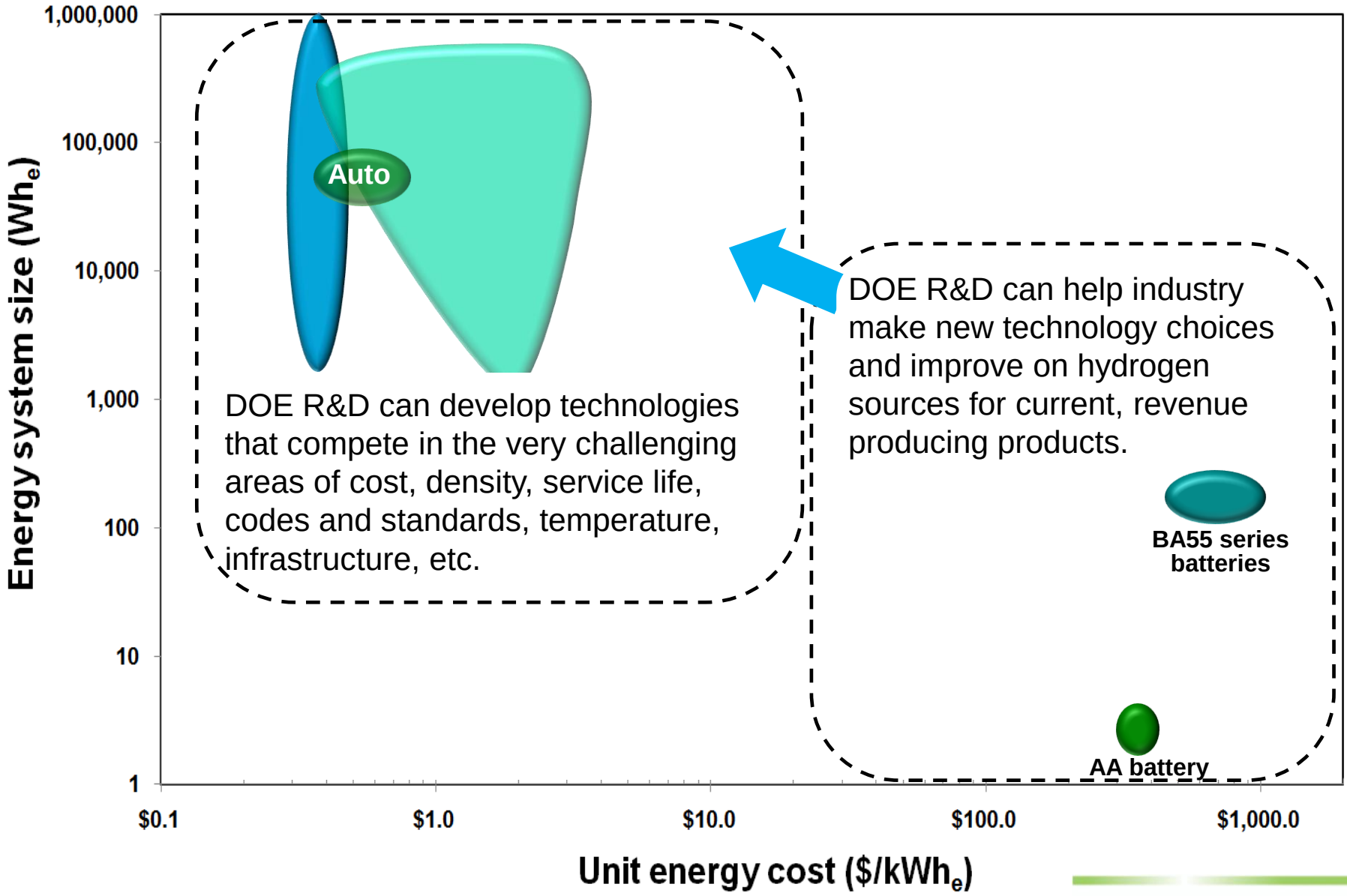
# Market entry opportunities for hydrogen storage

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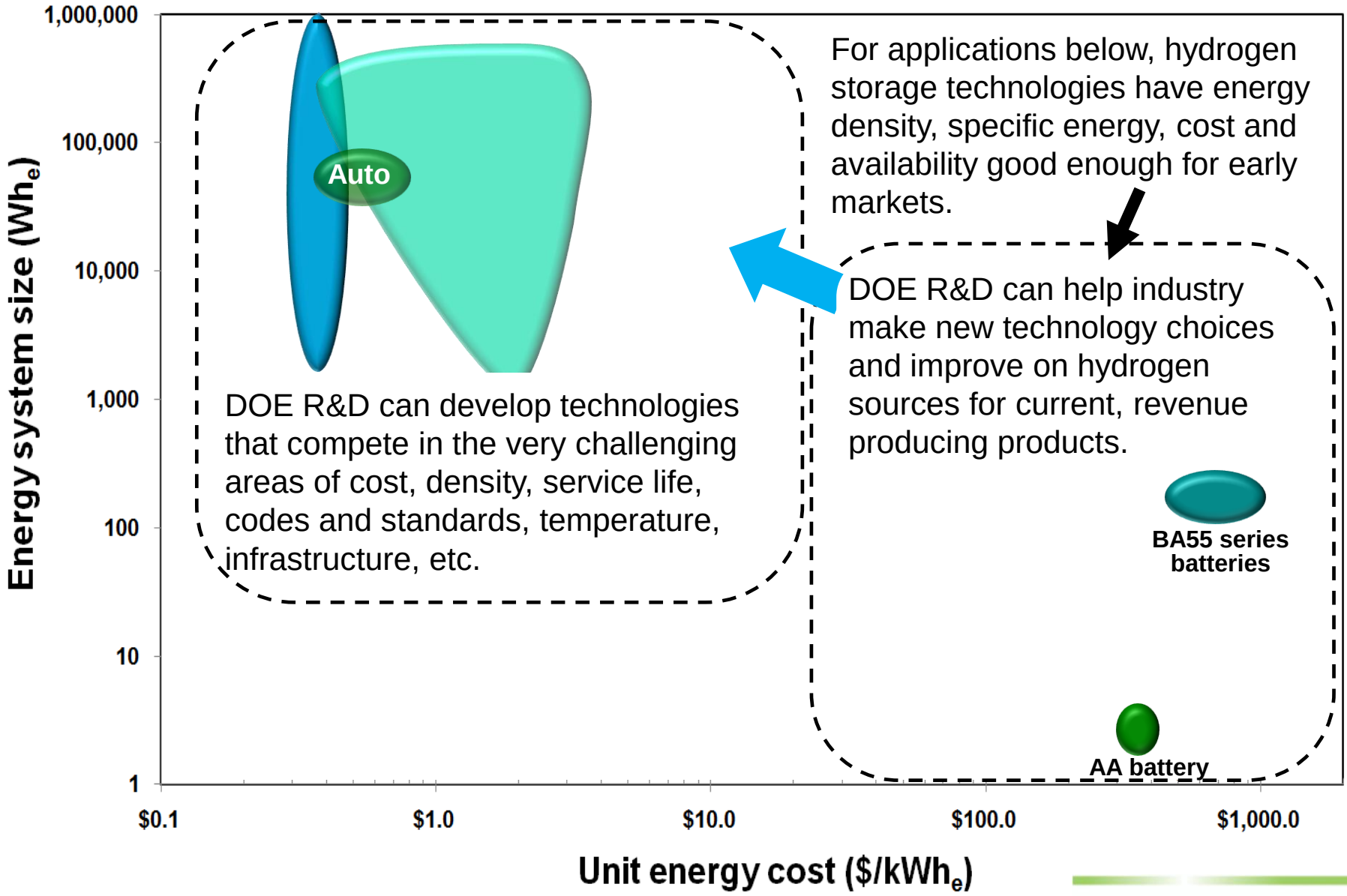


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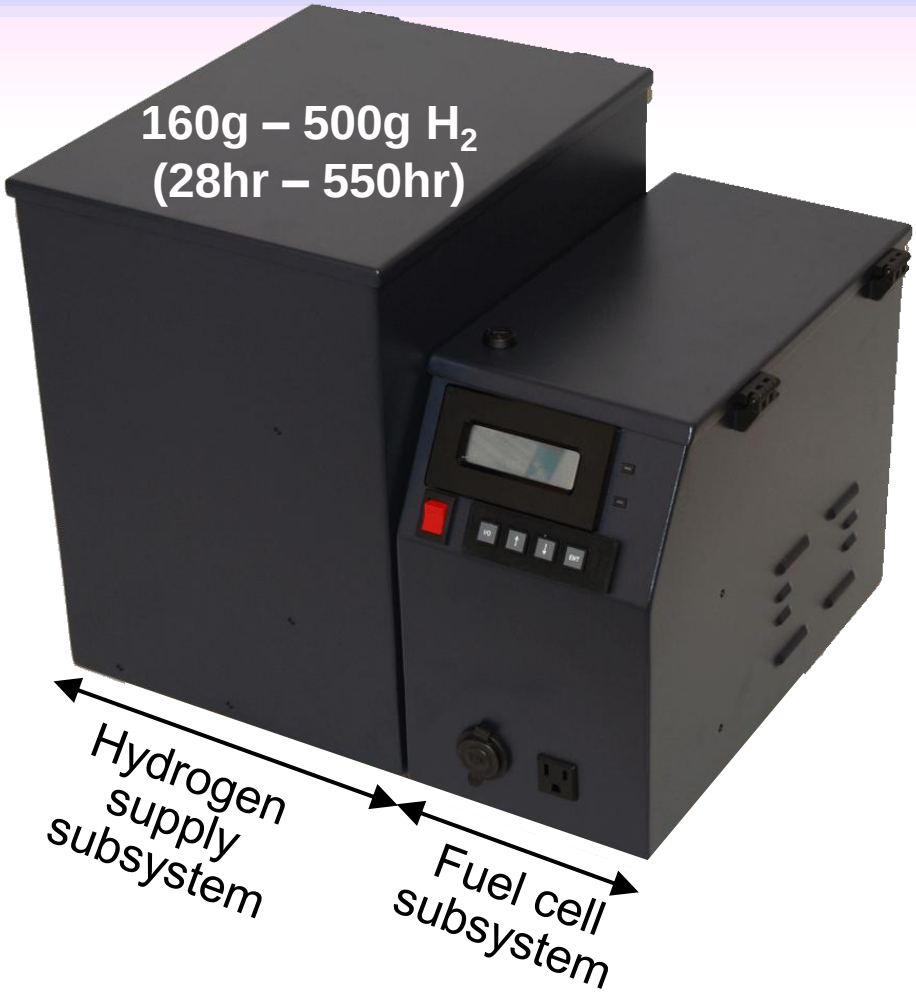
# Portable Fuel Cell Power System

## MP-100

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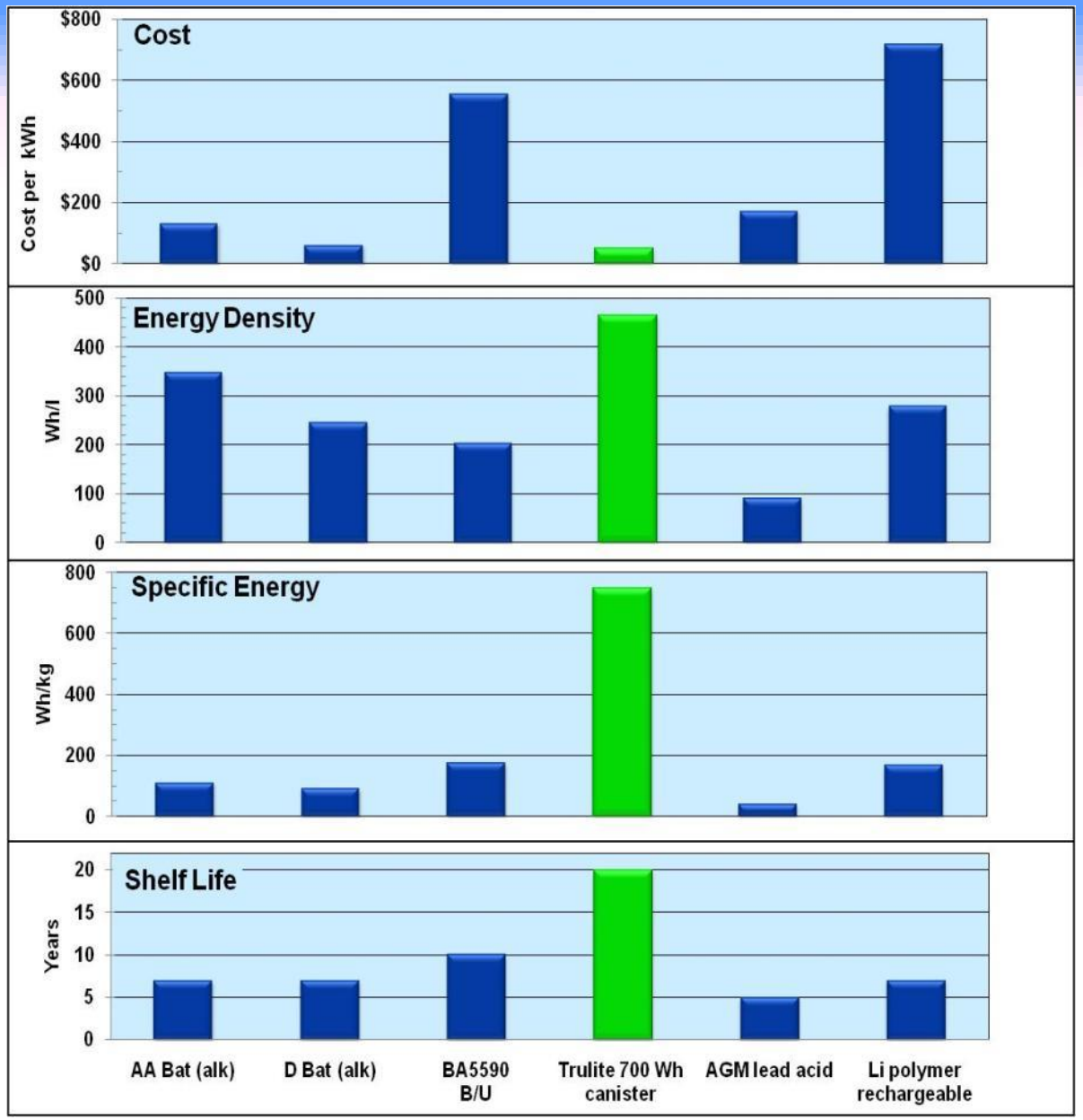
# Hydrogen storage that's good enough for commercialization

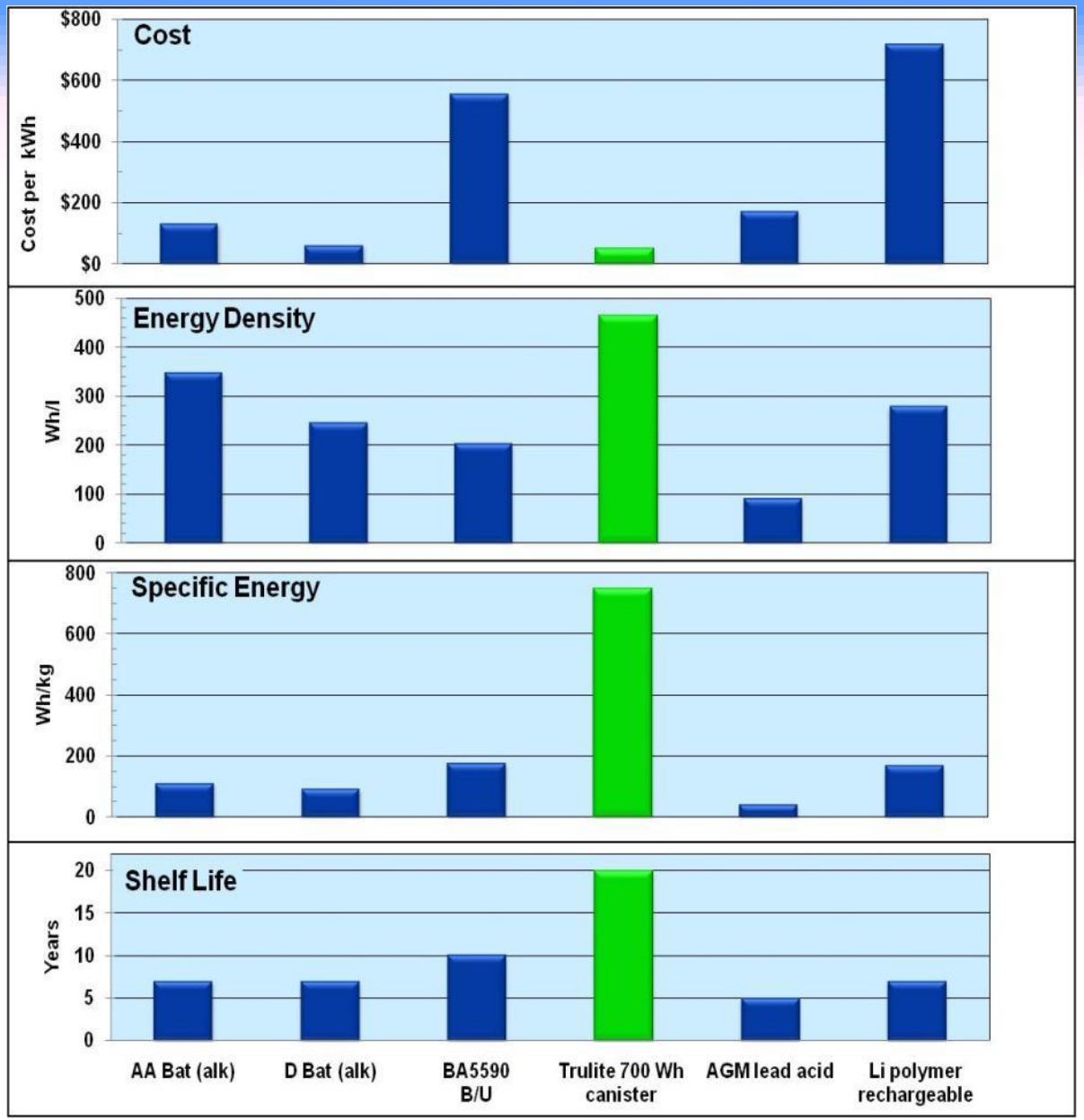
## For small fuel cell systems



# Hydrogen storage that's good enough for commercialization

## For small fuel cell systems

- Properties good enough for commercial sales, given the right market.
- Early revenue
- Packageable
- Supply chain
- Engineerable canister!
- Improveable
- Solid chemical hydride
- New, better technology can expand market



# DOE support needed for small fuel cell systems and hydrogen storage

- Resource SME and data bank for industry access to most current and relevant C&S, safety practices, safety technologies.
- Accelerate the availability of cost effective hydrogen safety components.

Thank you.