

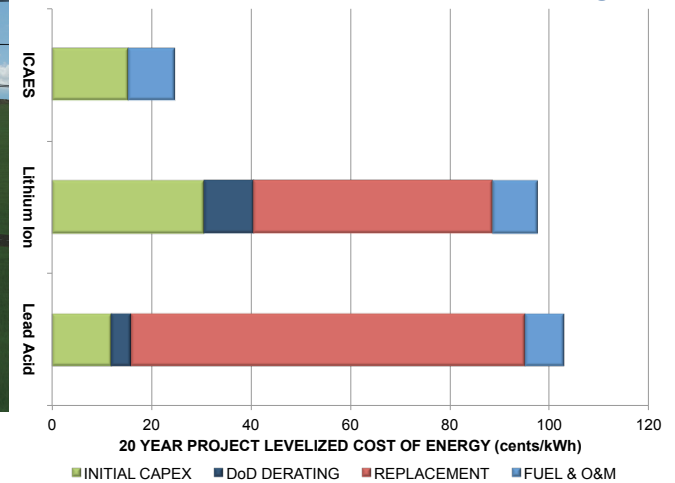
Isothermal CAES for Grid-Scale Applications

Key advantages

- **Clean:** isothermal process consumes no fuel, produces no emissions
- **Flexible:** can be sited where best utilized, not where geology mandates
- **Proven components**
 - Crankshaft, generator, pipe-type storage
 - 20-year life at full power/capacity
- **Scalable:** power and energy scale independently
- **Safe:** no hazardous materials or chemicals

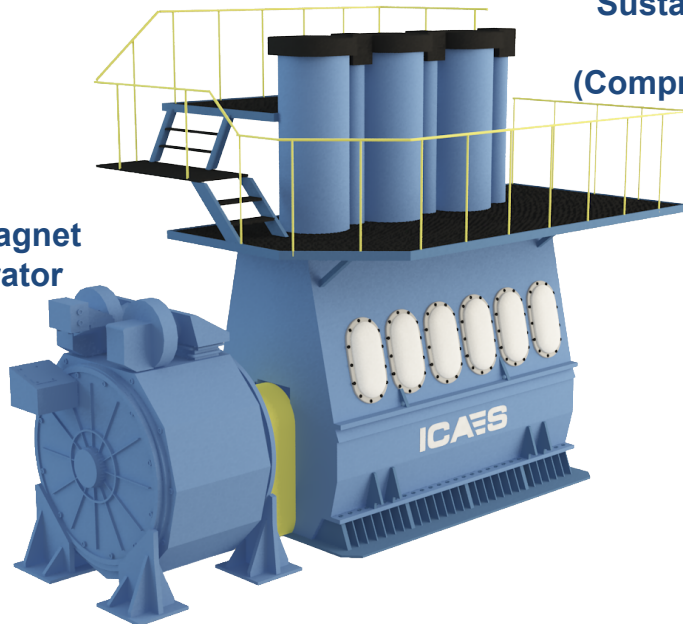


Long Cycle Life and Low Capital Cost Give ICAES a Dramatic LCOE Advantage



SustainX Heat Transfer Technology (Compression/Expansion)

Permanent Magnet Motor/Generator



Proven mechanical systems using steel, water, and air



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