



Energy Dome
TMCES 2026 – July 30

Standardized Battery Configurations



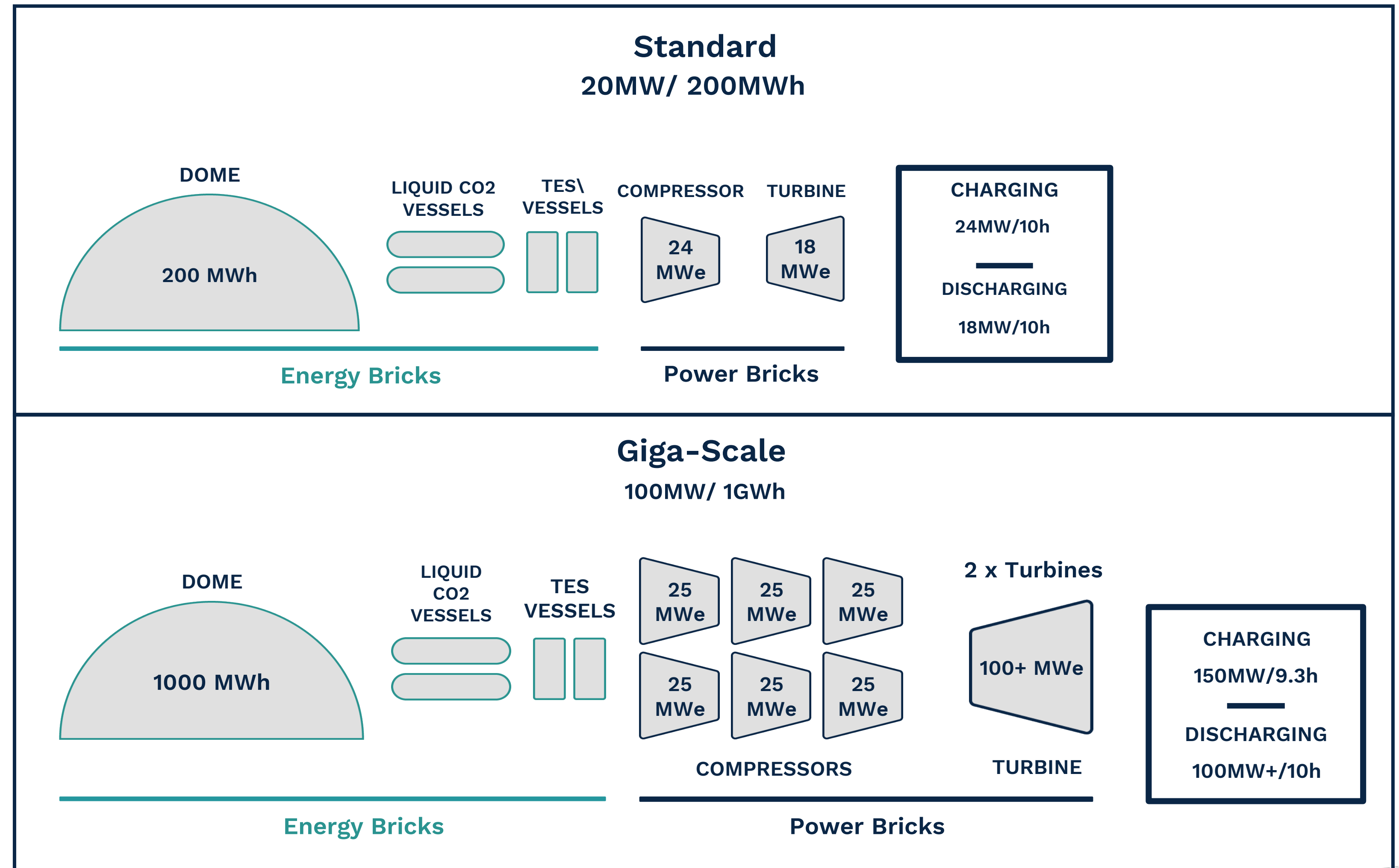
Identical types of equipment and operation produce the exact same thermomechanical process. The turbine can be altered to provide more or less discharge duration based on optimal use-case.

Discharge durations of 8-24 hours are available.

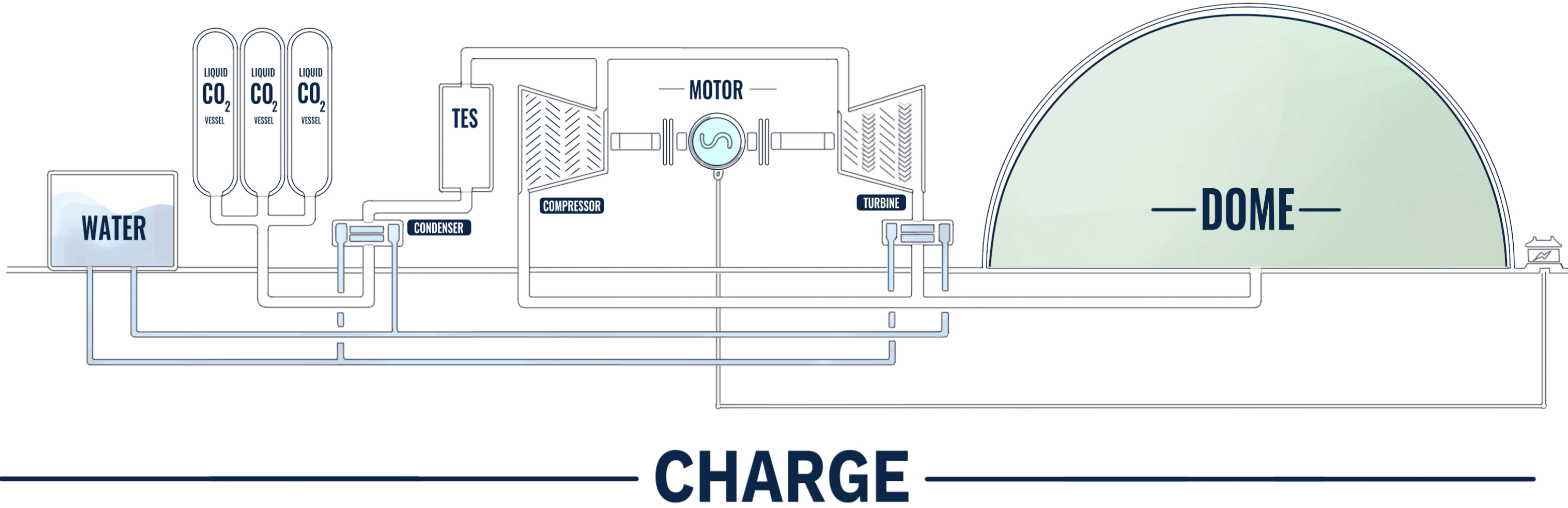
Standard CO₂ Battery

VS

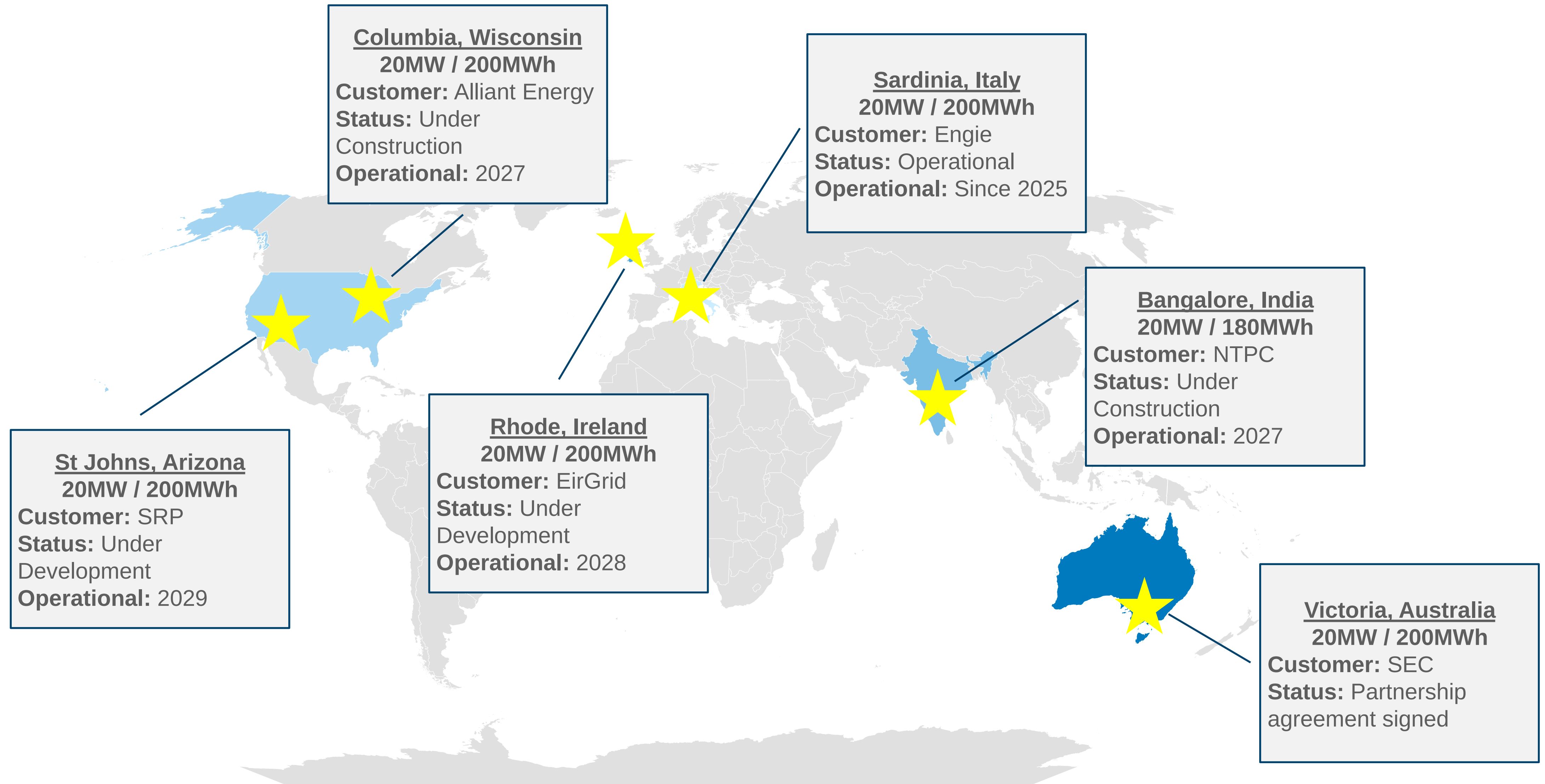
Giga-scale CO₂ Battery



The Process



Project Locations



Hardware Lessons & the Future

Alliant Energy Project



- Domestic supply requirements
- Supply chain diversity and stability
- US-standards applied to all equipment

SRP Project



- US-based manufacturing
- Continued ramp-up of already ordered equipment
- Construction and installation optimization



ENERGYDOME

Our WORLD can't wait.

Thank You

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