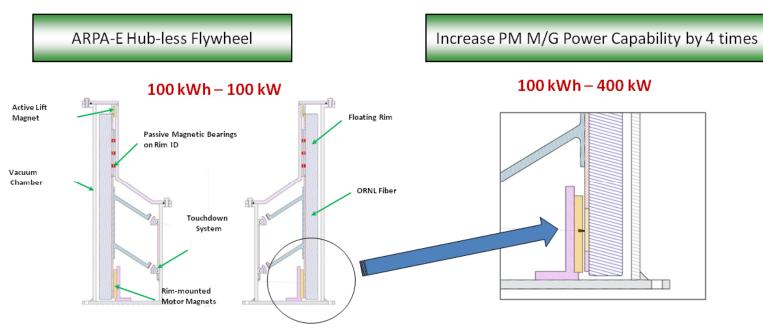
Higher Power Motor for ARPA-E Flywheel





Limitations of ARPA-E Flywheel

- 1 Hour of Storage
- Limited to Longer Term Applications
- Power Limited by Magnetic Properties

Program Tasks

- Add Back-Iron to Stator to Increase Magnet Flux
- 400 kW Motor/Generator Test Bed
- Evaluate / Accommodate added Losses

Additional Applications:

Frequency Regulation, Frequency Response, and Pseudo-Inertia