

# Superconducting cable AC loss measurement

Topic Area:  
Experimental  
Capabilities

Partner	Company
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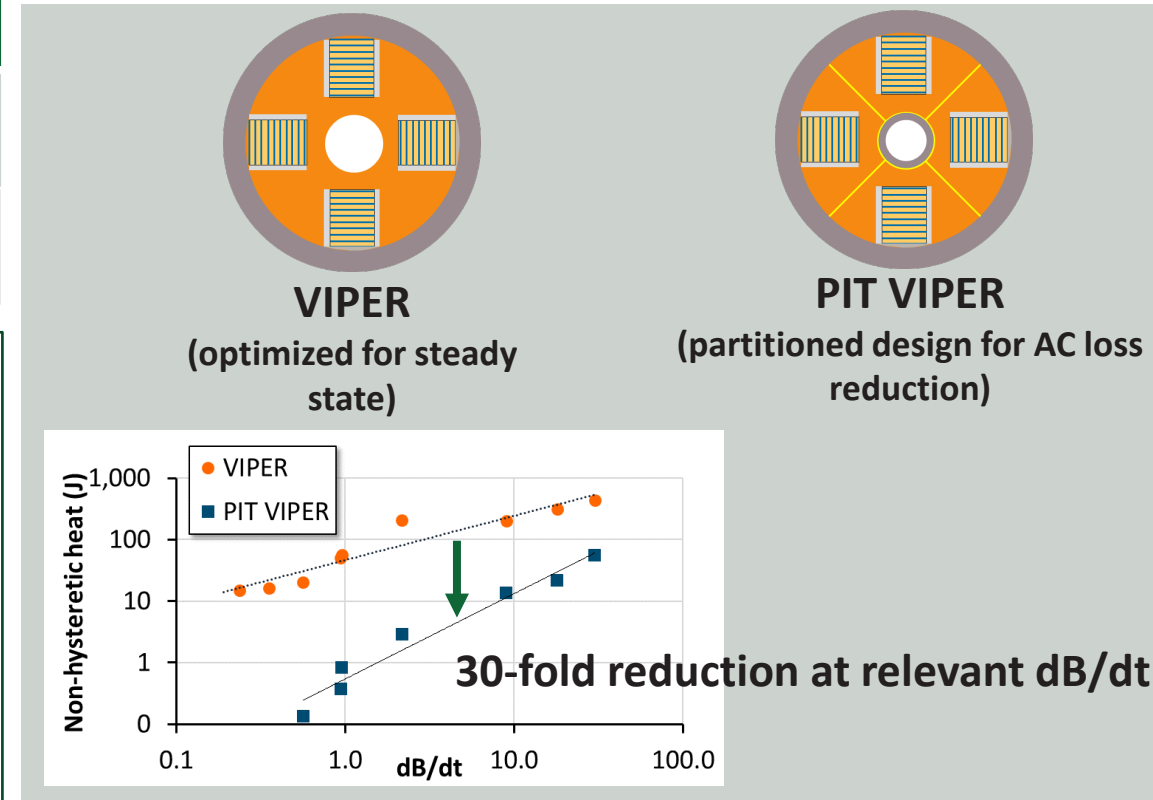
**Project Summary:** Assessment of AC losses in REBCO based cables for Pulsed Fusion high-field tokamaks.

## Fusion Impact:

*This project evaluated the performance of a novel cable design under rapidly changing magnetic fields. The cable is intended for use in a fast-ramping central solenoid that simplified tokamak design and reduces costs.*

## Business/Market Impact:

*The performance of CFS-developed cable IP was verified.*



Period of Performance:	Federal Share:	Cost Share:
12/2019 - 5/2021	\$160,000	\$40,000