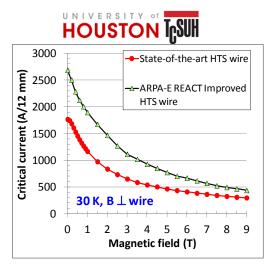
## REACT: High Performance Low Cost Superconducting Wires and Coils for High Power Wind Generators







68% improvement in wire performance at wind generator operating condition of 30 K, 2.5 T

INREL TECO W Westinghouse HOUSTON TOWN



10 MW HTS Wind Generator design & economic analysis

Pilot MOCVD system to scale up improved wire to manufacturing





Superconducting Rotor Pole Design for fabrication & testing of coils with improved wire