

Dr. Natalie Smith
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Integration of Pumped Heat Energy Storage with a Fossil-Fired Power Plant



Biography

Dr. Natalie Smith is the Senior Research Engineer in the Rotating Machinery Dynamics section at Southwest Research Institute. Her research experience at SwRI includes aerodynamic design, analysis, and testing of turbomachinery and advanced system analysis for various applications including power generation, oil and gas, supercritical CO₂, and energy storage. She is currently managing a lab-scale PHES demonstration project at SwRI.