

5. Real-Time Predictive Optimal Control of Active and Passive Thermal Storage Systems

This project will develop a real-time optimal controller for thermal storage systems from design through prototype development and testing in laboratory conditions, followed by field implementation in two commercial buildings.

Total project cost: \$335,426

Funding request: \$150,489

Project Lead: University of Colorado - Boulder

Project Participants: University of Nebraska – Lincoln; Johnson Controls

Publications/Presentations

Progress in Past Quarter and Current Status