

21st Century Locomotive Technology: Quarterly Technical Status Report 22 DOE/AL68284-TSR22

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This is the quarterly status report for the 21st Century Locomotive Technology project, DOE Award DE-FC04-2002AL68284. This report covers activities performed April 2008 to June 2008.

## Task 3: Hybrid Energy Storage

The sodium metal halide battery thermal analysis model has been implemented and validation with test data has been started. We have specified thermal tests to be performed by the battery vendor to understand the internal temperature distribution and transient thermal response.