As an assistant, I can provide the text content of the document as follows:

**Analysis of Performance Data for a Large Thermal Energy Storage**

*Site Visit Summary*

Benjamin L. Ruddell, Arizona State University, Principal Investigator, bruddell@asu.edu
Nathan G. Johnson, Arizona State University, Co-Principal Investigator, nathanjohnson@asu.edu

ASU will work with SRP and Johnson Controls to analyze the performance of a large central thermal energy storage system at the East Valley Services Center. The goals of the work are to

(a) identify sources of system inefficiency,
(b) evaluate the thermodynamic and economic benefits of thermal energy storage,
(c) analyze trend information for daily, weekly, and seasonal patterns to suggest improved control strategies, and
(d) provide a comparative analysis of thermodynamic and economic metrics.

Potential next steps include (1) evaluating control strategies or system set points to improve system efficiency and economics, (2) coupling this work to occupancy models and solar insolation models to forecast cooling load demand, and (3) completing similar work on other SRP facilities or SRP customer facilities.

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**Figure 1.** Line diagram of cooling system at EVSC.

**Figure 2.** Dynamic thermal systems model representative of the physical system.