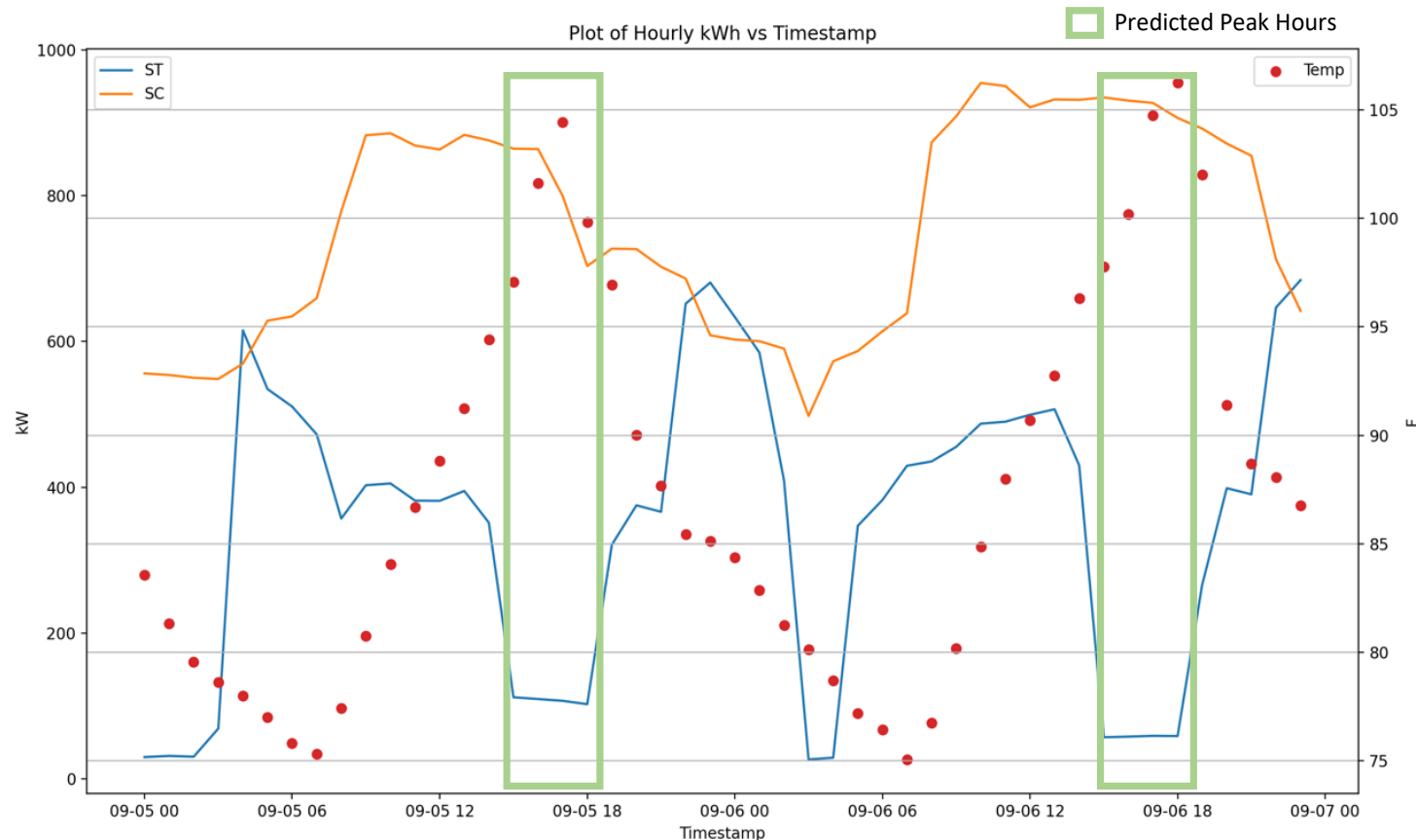


Montgomery College Electricity Demand Management



The Office of Facilities actively oversees an electricity demand program, utilizing thermal batteries in the summer to reduce power consumption and maintain occupant comfort.

In the week of September 5, 2023, high temperatures led to increased electricity demand. The graph above illustrates hourly electricity demand and temperatures for a building with thermal batteries (blue) and one without (orange).

During peak temperature hours, the building with thermal batteries successfully lowers electricity demand while operating normally, enhancing grid reliability and reducing electricity costs.