



FREEZING CONSUMPTION



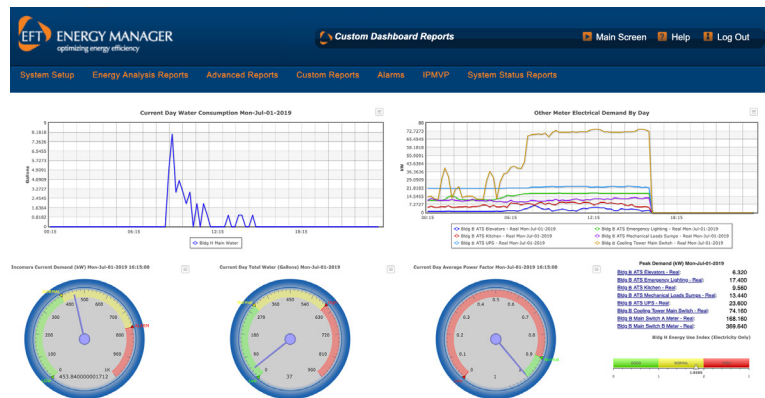
THE OPPORTUNITY

Energy Manager was leveraged by a major European grocer and clothing retailer to optimize their refrigeration systems and reduce their energy usage. The goal was to enable the retailer to make informed business decisions by providing precise data-driven insights into their energy spending, consumption, and productivity.

SOLUTION & VALUE CAPTURE

Energy Manager is enabling the retailer to experiment with different energy management strategies and see results real-time in order to gauge effectiveness. These learnings were applied across approximately 100 stores as a “best practice.” The target for this specific retailer was to hit a 20% reduction compared to their 2017 energy usage. Approximately 90% of their stores saw up to a 45% reduction in energy consumption, totaling a global reduction of 5GWh in the past 12 months.

For this retailer, reducing energy consumption begins with tackling simple things such as tightening up policies for lighting scheduling and BMS work along with providing direction and justification for investments in energy efficient equipment. For example, one store has seen a 45% reduction from an LED lighting and refrigeration upgrade. The Energy Manager system is also enabling the retailer to measure the effectiveness of new technology in reducing energy usage from cold air spillage in their chilled cabinets. Additionally, the team is able to quantify these savings in order to show ROI for capital investment projects.



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