



GAME-CHANGING ENERGY MANAGEMENT



THE OPPORTUNITY

Croke Park, one of the largest sports stadiums in Europe, utilized Energy Manager to minimize their resources consumption. Their overall objective was to reduce annual electricity consumption while simultaneously seeing the financial benefits.

SOLUTION & VALUE CAPTURE

Since the roll-out of Energy Manager, Croke Park has reduced its annual electricity consumption by 1.25 million kWh. Croke Park's massive reduction in electricity consumption was achieved by installing a network of approximately 30 electricity sub-meters across the 16-acre stadium complex and then focusing the operation team's attention on high-usage areas. As part of Croke Park's energy management improvement process, they focused on their midnight to 6:00 a.m. baseload – so they could identify specific areas of potential wastage. Once they addressed this issue, they automatically reduced the stadium's overall power consumption. The original reduction in electricity consumption has been maintained, and day-to-day monitoring and management of energy consumption continues to be straightforward. Real-time information regarding energy data and utility consumption is displayed as a web portal and is accessed by the stadium team for analysis. Due to the immediate success of the electricity monitoring program, Croke Park rolled out Phase Two – a move designed to incorporate gas and water consumption into the stadium's overall energy reduction plan. Again, delivering significant savings.

“The savings achieved by combining power monitoring and energy-reduction measures has exceeded expectations and has resulted in a significant positive impact on our bottom line.”

– Allan Gallagher, Operations Manager, Croke Park

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