

MELBOURNE CRICKET GROUND



↘ The challenge

The Melbourne Cricket Ground (MCG) is an iconic 100,000 seat stadium, the 10th largest in the world today. Home to Australian sport, it has been the arena for some of the most memorable events since 1853.

With the cost of energy rising and power quality falling, the MCG identified the need to improve on efficiencies surrounding its electricity, water and gas consumption, in line with the stadium management's long-term commitment to become a more sustainable operation.

While electricity was already being monitored, water and gas data needed centralization in order to generate meaningful and actionable insights for stakeholder groups concerned.

Additionally, a proactive approach was needed to mitigate the risk of unplanned downtime, which would result in lost revenue, reputation damage and risks to spectator safety.

The solution

The MCG approached AZZO to design and implement a bespoke energy monitoring and management system in answer to the challenges. By working closely with the MCG, we developed an IoT solution by bringing together a suite of complementary Schneider Electric products and software, including:

ExoStruxure™ Power apps, analytics and services

- The cloud-based Utilities Monitoring and Visualization System (UMVS), providing a powerful central data facility for electricity, gas and water
- A comprehensive metering system with over 100 metering points to provide the cost of running the facility in real-time, allowing the MCG to track real-time cost savings with changes, instantaneously.

EcoStruxure™ Power Monitoring Expert Platform Connected Products, Building Management and Automation

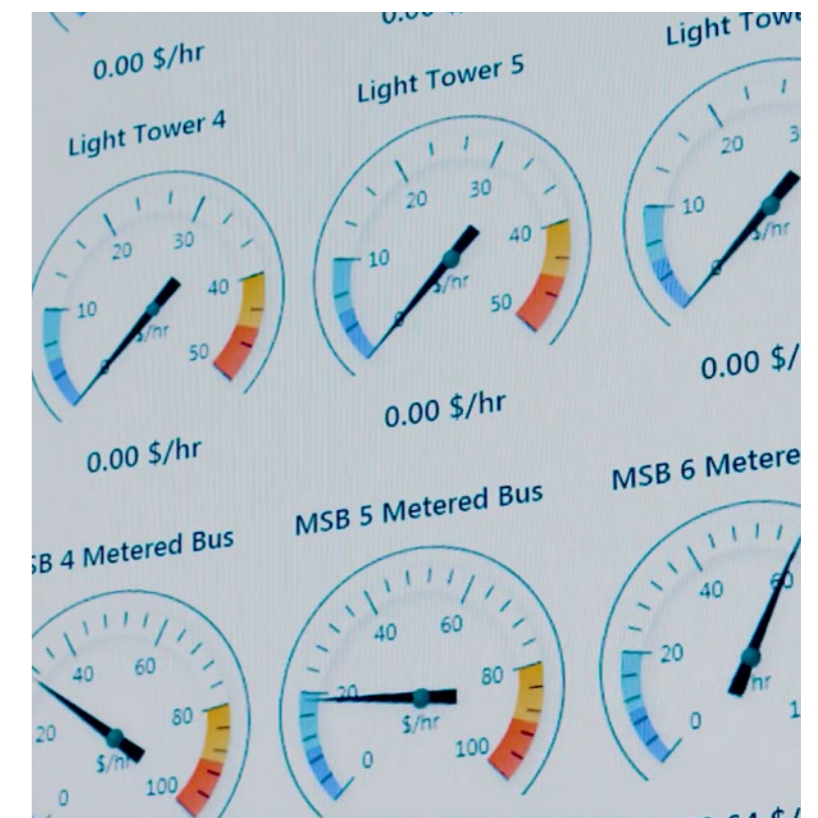
- Power meters and gateways
- Programmable Logic Controllers (Hot Standby Quantum PLC's)
- PowerSCADA Operations
- C-Bus lighting automation systems

The Results

With all data now captured, monitored and visualised in a way that creates actionable insights for all stakeholder groups within the Melbourne Cricket Club, they are now empowered to operate at levels of efficiency never seen before.

Convenient cost centres were also created to allow different stakeholder groups to be accountable for the energy and utilities that they use.

With six months after the system was implemented, the MCG identified up to 5% cost savings in specific areas of the facility.



AZZO

technology comes together®

Contact us to
see what we can
do together

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