



Environmental Automation



Sustainability standards place a high demand on facility managers to maintain a delicate balance of energy efficiency, client comfort, and environmental impact. The ease of use, versatility, and resilience of a Reliable Controls system allows building operators to achieve that balance.

Enhanced project profiles provide in-depth analysis of a project that highlights an Authorized Dealer and showcases the versatility of the Reliable Controls system.



Reliable Controls Authorized Dealer Environmental Automation offers EA Plus, an analysis and optimization energy service to ensure its customers' buildings are operating at peak performance. Through innovations in building analytics and optimization technologies, Environmental Automation is able to track a multitude of assets and optimize energy efficiency using RC-Reporter®.



Environmental Automation has worked hard in recent years to engineer new and advanced methods to conduct services, bringing their offerings in line with the demands of the modern world. Shifting the focus from the point-to-point reactive maintenance that has been the industry standard, EA Plus is a proactive maintenance approach that aims to find and deal with problems before they impact facilities and expensive assets. Environmental Automation developed EA Plus and EA Plus Premium to help customers reach and maintain their goals for asset management.

EA Plus analytics specialists and technicians deliver proactive maintenance for facilities of all sizes. EA Plus and EA Plus Premium enable Environmental Automation technicians to secure the data they need to provide predictive and proactive tuning that optimizes utility consumption and maximizes savings while improving occupant comfort and indoor air quality.

building performance software



Unlike traditional analytics programs that use cloud-based software as a service (SaaS) methodologies, EA Plus is unique in that service technicians can deliver actionable insights onsite using RC-Reporter.



The EA Plus team at Environmental Automation's national monitoring center in Kingsgrove, NSW, delivers analytics and optimization strategies with reliable data using RC-Reporter software from Reliable Controls.



EA Plus benefits

- **Complete in-house service:** Customers can speak directly with the EA Plus team.
- **Ownership of work:** Technicians can write scripts and take the ownership of the entire process, leading to increased efficiency.
- **Improved and simplified reporting:** EA Plus reporting is simple on the surface but deep in functionality.
- **Customized analytics:** RC-Reporter allows Environmental Automation to provide asset tracking, energy benchmarks, indoor air quality monitoring, and occupant comfort data.
- **Cost savings:** Using RC-Reporter, EA Plus provides remote tracking of building performance.



Better by design™

flexible reporting



Environmental Automation's facility monitoring station equipped with RC-Reporter.

Key focus areas of EA Plus



HVAC optimization tailored to client priorities



Utility monitoring, analysis, and benchmarking



Energy optimization through tracking multiple assets



Fault detection and diagnostic capabilities



Indoor air quality benchmarking



Tenant comfort benchmarking



Simplified reporting and transparency



Complete in-house service

The Reliable Controls system has the flexibility to keep clients connected to the latest technologies and the resilience to be effective for the life of the equipment controlled.

Every controller manufactured by Reliable Controls contains a BACnet communication stack on board and is BACnet Testing Laboratory listed for quality assurance. Reliable Controls provides an industry-leading 5-year warranty on all programmable controllers.



EA PLUS

NABERS

The National Australian Built

Environment Rating System measures

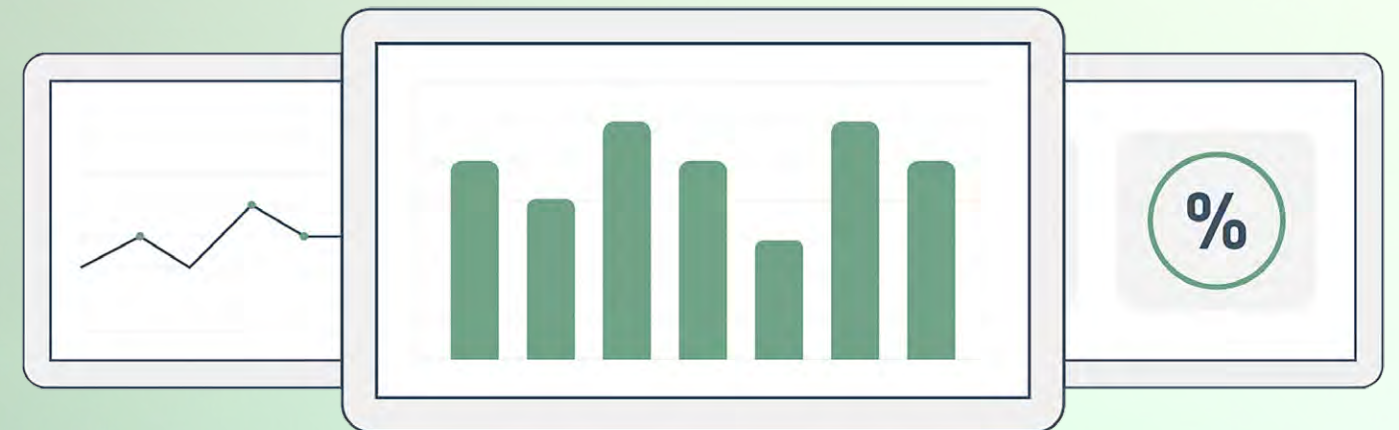
a building's energy efficiency, carbon emissions, water consumed, and waste produced, then compares it to similar buildings.



RC-Reporter is powerful building reporting software that allows users to extract intelligence from building data and discover actionable insights to improve operational efficiency. Building operators can analyze energy use and comfort data to support continuous optimization. RC-Reporter brings clarity to building performance with readable, reliable, and rational analytics, delivered by email or integrated directly into a building control system.



Once the impact of a facility is understood, facilities managers can work to reduce it, contributing to a healthier environment.



Delivering on objectives

Environmental Automation created a proactive building management system maintenance schedule that captures key objects in a single document. With RC-Reporter, EA Plus and EA Plus Premium services deliver a summary of building performance to facility managers each month.

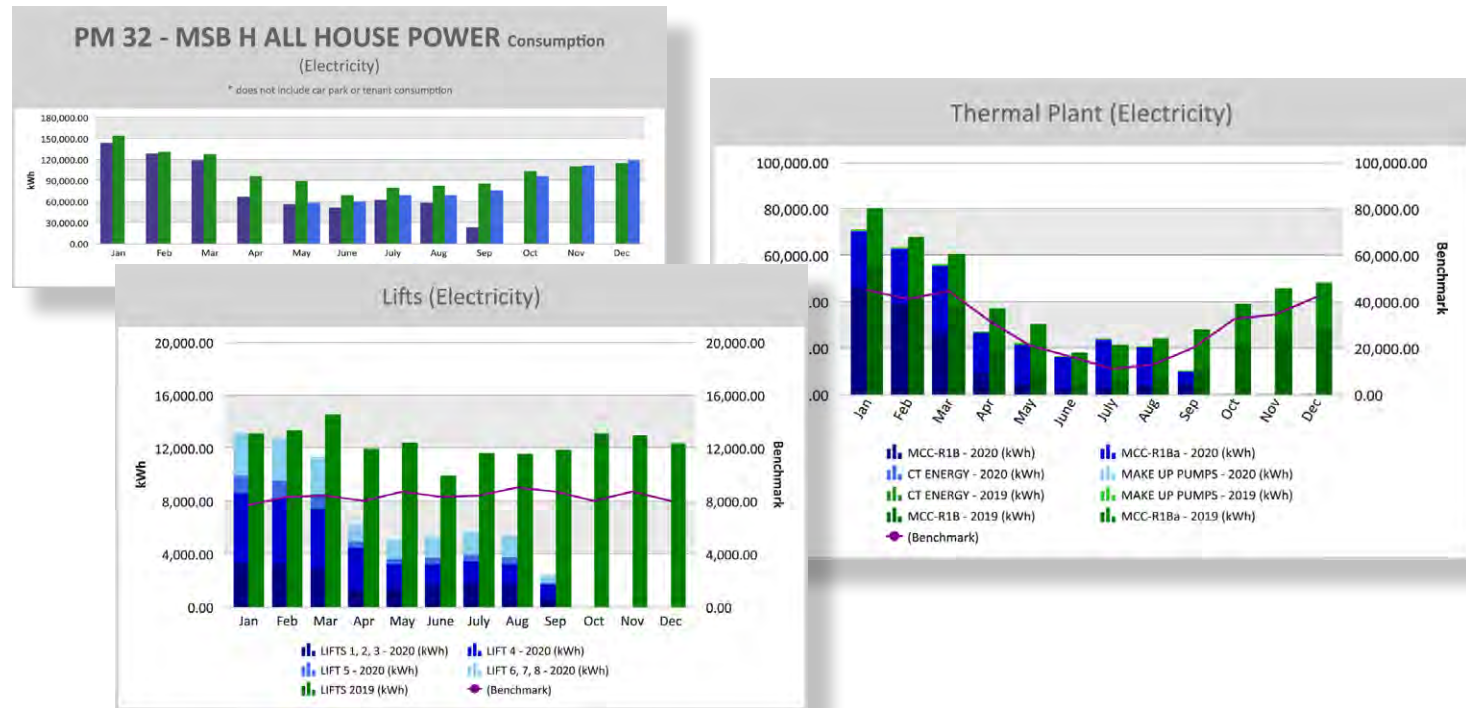
The deployment of RC-Reporter helped Environmental Automation achieve a six-star NABERS rating for two ISPT properties in Australia. This accomplishment involved a combined effort from ISPT Engineering, CBRE Management, a net-zero team, and Environmental Automation, assisted by the power of RC-Reporter from Reliable Controls.

The EA Plus service collects and reports building management system data to streamline and simplify delivery of system information. Environmental Automation deeply values its customers and works hard to help them all achieve a six-star NABERS IE ratings.

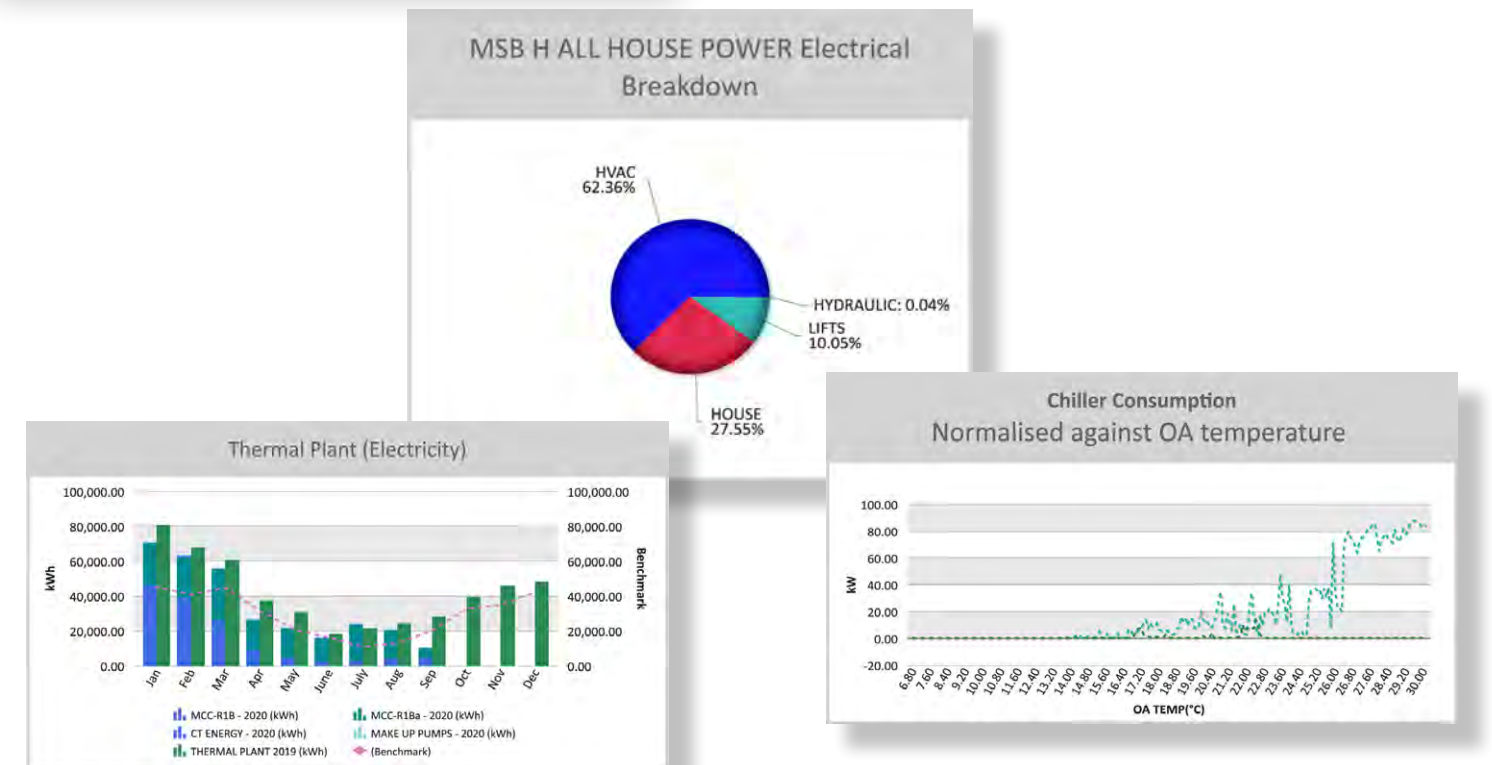


EA Plus key initiatives

- Using the power of RC-Reporter, the team collects tenancy space temperatures and securely stores data in a Microsoft SQL Server database.
- Also using RC-Reporter, the team configures NABERS indoor environment quality rules to identify temperature zones outside the ASHRAE 55 limits.
- The team provides outstanding service with clear, actionable data from RC-Reporter.



The success of this initiative is attributed to two departments at Environmental Automation: the EA Plus optimization team and the EA service department. With support from Reliable Controls, Environmental Automation provides clients with innovative technologies that save time, improve occupant comfort, and deliver efficiency.



exceptional local monitoring



The EA Plus national control operations centre tracks a multitude of assets to help customers optimize your energy efficiency.

Environmental Automation provides proactive asset maintenance, taking scheduled maintenance one step further by going directly to priority issues and the assets that require attention first.

Using EA Plus allows Environmental Automation customers to receive effective energy analysis and optimization.

Detailed building reports from EA Plus are delivered each month and include suggestions for further energy optimization and savings.

Request a quote today for EA Plus from Reliable Controls Authorized Dealer Environmental Automation.

environmentalautomation.com.au

Customers can access live reports and data on the performance of their building's most important assets.



The power, flexibility, and sustainability of the Reliable Controls system is demonstrated in commercial buildings across Australia and around the world.



“The future of EA Plus is not only focusing on tenancy comforts and energy performance, it’s looking at all the other services, such as access control, lifts, water, gas, and really focusing on giving our clients tangible solutions to improve on their NABERS rating, whether that’s for water, electricity, or indoor environmental quality.”

Muhamed Cengic, Optimization and Analytics Manager, Environmental Automation

