Newsletter

May 2026

Engineering Smart Utilities

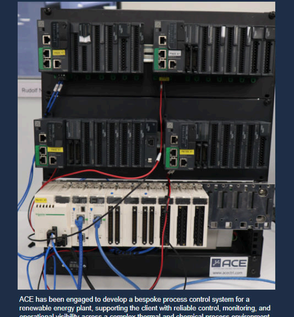
What's New at ACE?

In May, ACE continued to support clients across renewable energy, utilities, and critical infrastructure.

In this newsletter, we share updates on our pyrolysis plant control system project, BESS and BMS integration support in Western Australia, and the launch of ACE EMS solutions for microgrid integration. We also welcome Rudolf Ndirangu to the ACE team.

As always, our focus is on helping clients solve complex SCADA, control systems, and industrial communication problems with practical, reliable, and tailored engineering solutions.

ACE Develops Process Control System for a Pyrolysis Renewable Energy Plant



ACE has been engaged to develop a bespoke process control system for a renewable energy plant, supporting the client with reliable control, monitoring, and operational visibility across a complex thermal and chemical process environment.

The system is designed to help client manage key plant functions with greater confidence, including process sequencing, equipment control, instrumentation monitoring, alarms, and safety interlocks. By combining practical control system engineering with a clear understanding of process control and operational requirements, the assigned ACE team is committed to delivering a solution that supports safer operation, improved process visibility, and a more controlled path to commissioning and long-term plant performance.

Solutions to Your Process Control Problems

ACE Helps Clients Solve Their BESS Battery OEM Integration Challenges

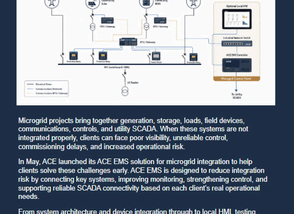
Battery Energy Storage Systems play an important role in supporting grid stability. However, integrating BMS data into PCS, EMS, SCADA, and utility environments is critical to the success of a BESS project. BMS integration can be complex, and when signals, alarms, operating limits, communications, and control requirements are not clearly defined early, projects can face commissioning delays, poor visibility, and operational risk.

In May, ACE helped a client resolve a major BESS and BMS integration issue in Western Australia, involving battery systems, site controllers, meters, SCADA platforms, and utility interfaces. Our approach focused on close collaboration with battery OEMs and subsystem vendors to establish a clear network architecture, accurate point mapping, reliable communications, evidence-based testing, and improved operational visibility.

By bringing key OEMs and vendors together and addressing integration risks early, ACE helped support smoother commissioning, stronger system performance, and greater confidence in the client's energy assets.

Reach Out to ACE for BESS Integration Solutions

ACE EMS Supports Microgrid SCADA Integration



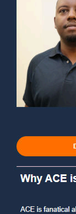
Microgrid projects bring together generation, storage, loads, field devices, communications, controls, and utility SCADA. When these systems are not integrated properly, clients can face poor visibility, unreliable control, commissioning delays, and increased operational risk.

In May, ACE launched its ACE EMS solution for microgrid integration to help clients solve these challenges early. ACE EMS is designed to reduce integration risk by connecting key systems, improving monitoring, strengthening control, and supporting reliable SCADA connectivity based on each client's real operational needs.

From system architecture and device integration through to local HMI, testing, commissioning, and utility SCADA connection, ACE EMS provides practical engineering support that helps clients achieve clearer visibility, stronger reliability, and greater confidence in microgrid performance.

Explore ACE EMS Solutions

Team Update - Welcome Rudolf Ndirangu



We are pleased to welcome Rudolf Ndirangu to the ACE team.

Rudolf joins us as part of ACE's continued growth in the utilities sector, bringing 5 years of control systems experience and hands-on knowledge. His practical background will further strengthen our capability to support clients in the reliable delivery of ACE's SCADA solutions.

We look forward to supporting Rudolf as he settles into ACE's collaborative culture and contributes to the continued success of our clients and their projects.

Design Your Career Pathway at ACE

Why ACE is Fanatical About Client Success

ACE is fanatical about client success because we see our clients' success as our success. When our clients deliver reliable infrastructure, safer operations, and stronger project outcomes, the benefits extend beyond the project to local communities and essential services.

Therefore, we focus on delivering the right outcomes for our clients through quality work, in-depth knowledge, and an exceptional client experience. We do not measure success by simply completing tasks at the lowest cost; we measure it by the value add, reliability, and confidence we help create for our clients.

By working closely with clients to reduce risk and support the outcomes that matter most, ACE helps create long-term value for both our clients and the communities they serve.

Why ACE

Thank you for being a valued customer and partners. If you have any questions or need assistance, don't hesitate to reach out to us at enquiry@acectrl.com

Facebook Youtube Linkedin

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enquiry@acectrl.com