



Inside BESS SCADA: Lessons From the Field

ACE MD recently visited a Battery Energy Storage System (BESS) site in WA and learned practical SCADA lessons from the field. The visit examined how the system was delivered, where gaps typically occur, and what developers should prioritise to improve reliability and compliance.

Key observations included:

- Meeting Australian standards and regulatory requirements
- Strengthening SCADA data handling and time-series performance
- Ensuring reliable control during charge/discharge operations
- Improving communications with grid operators
- Managing complexity as systems move toward distributed architectures

These insights reinforce why SCADA is central to the safe and efficient operation of modern energy storage assets.

ACE continues to apply these learnings through our ACE EMS CONNECT framework, providing clients with a structured approach across planning, design, development, integration, testing and commissioning, improving first-time-right outcomes for BESS and renewable projects.

Video: Inside a BESS Site Visit

Reducing Grid Connection Risk with ACEems™ CONNECT

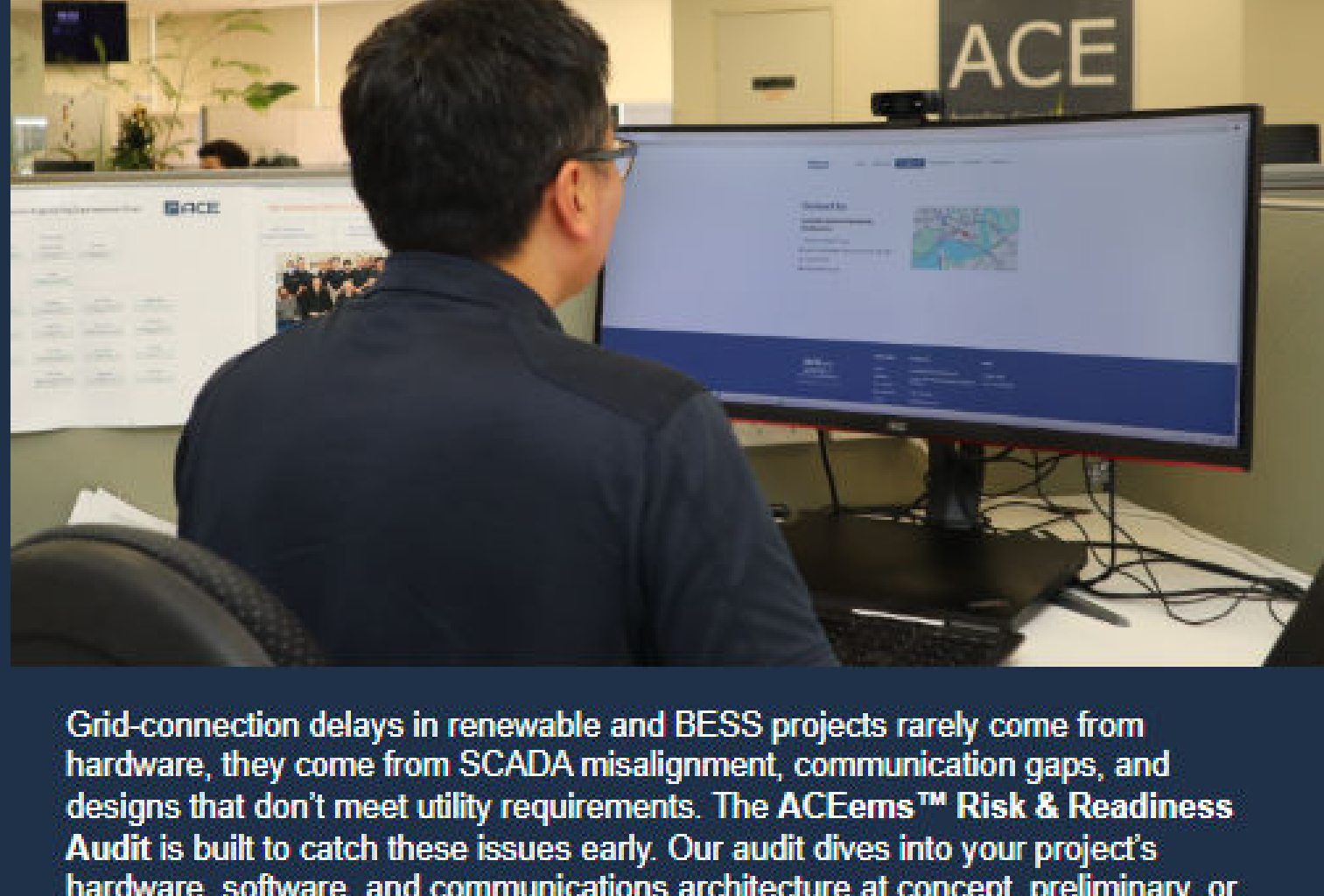


Grid connection remains one of the biggest risks to renewable energy projects, with delays or compliance failures often caused not by equipment, but by gaps in control, communication, and engineering integration. A structured approach is needed to achieve first-time-right grid connection.

To support EPCs and developers, ACE has developed ACEems™ CONNECT, a 7-step framework that guides projects from early consultation through to commissioning and handover. By aligning requirements upfront, optimising designs, integrating control systems, verifying compliance, and ensuring a disciplined commissioning process, ACE helps renewable projects avoid costly rework and connect to the grid with confidence. If your next project demands predictable, compliant grid connection, our team is ready to assist.

The 7-Step Renewable Grid Connection Method

Mitigate the Risks Early: The ACE Audit Kit for Renewable Energy SCADA Systems



Grid-connection delays in renewable and BESS projects rarely come from hardware, they come from SCADA misalignment, communication gaps, and designs that don't meet utility requirements. The ACEems™ Risk & Readiness Audit is built to catch these issues early. Our audit dives into your project's hardware, software, and communications architecture at concept, preliminary, or 30% design, revealing risks before they become costly setbacks. With three audit tiers from technical fundamentals to full commercial viability review, developers, EPCs, and investors gain clear guidance, reduced uncertainty, and a stronger path to first-time-right energisation. If you want confidence before committing to the next stage, talk to ACE about the ACEems™ Audit.

Start Your Audit

Reflecting on 2025 and Elevating Our Service for 2026



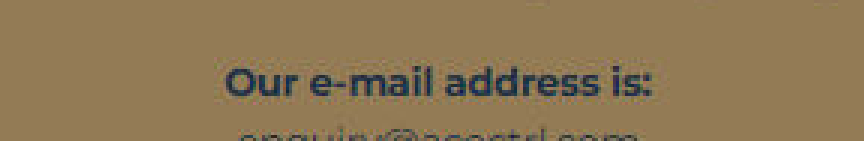
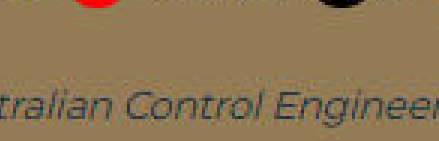
ACE held its annual staff meeting this month, bringing the team together to review our 2025 achievements, challenges, and strategic priorities for the year ahead. A strong focus was placed on continuous improvement, enhancing our capability, refining our processes, and ensuring we deliver even more focused services and efficient solutions for our clients.

The meeting was followed by our ACE Christmas Party, where the team celebrated the year's progress and strengthened the collaborative culture that underpins how we support our customers. As we approach the holiday period, please note that the ACE office will be closed from 20 December 2025 to 4 January 2026.

We extend our warmest wishes to all ACE employees, partners, and clients for a safe and enjoyable festive season. We look forward to returning refreshed and ready to continue delivering high-value outcomes in 2026.

We Are Hiring - Senior Engineer

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 sales@acectrl.com



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