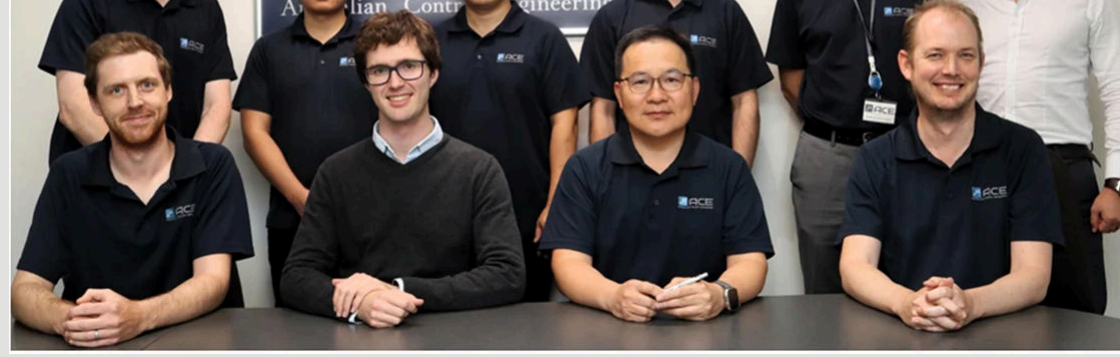


Engineering Smart Utilities

G'day,

Welcome to the May edition of the ACE Newsletter, where we bring you the latest updates and successes from ACE's clients, partners and employees, showcasing our commitment to innovation, excellence, and community engagement.

Successful Cut-Over to M580 PLC at PTA's Perth Underground Station



In May, we successfully cut-over the Perth Underground Control Systems from the old Modicon PLC to the new Schneider M580 PLC with remote I/Os. ACE proudly took on this EPC project, which encompassed design, programming, PLC panel manufacturing, installation, SCADA rollout, and site commissioning.

Given the critical nature of the site, our team worked tirelessly through the night to test signals at the station, ensuring minimal disruption to public services. This midnight testing phase was crucial to avoid any interruptions during peak hours and to guarantee a seamless transition.

Thanks to the unwavering dedication of the ACE team and the invaluable support from the PTA team, the installation and commissioning of the new control system were completed as planned. This project stands as a testament to our commitment to excellence, innovation, and customer satisfaction.

We extend our heartfelt gratitude to everyone involved for their hard work and collaboration, which made this project a resounding success.

Value-add Services

Battery Energy Storgy System Safety



This month, ACE attended the ECU BESS (Battery Energy Storage Systems) Safety Conference. The event highlighted the critical safety and fire hazards of Lithium Iron Batteries and the importance of robust monitoring systems.

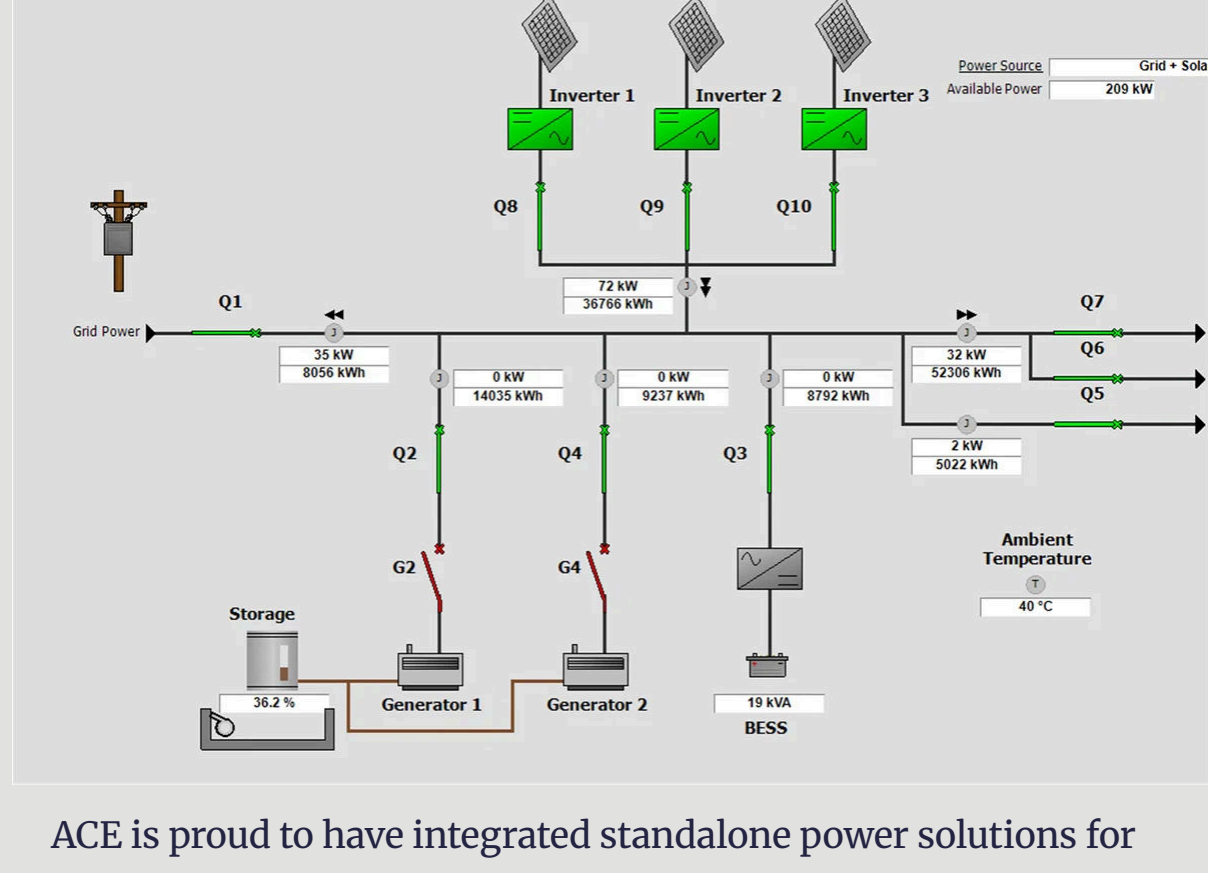
Key topics included:

- Monitoring battery cell temperature, voltage, and current.
- Best practices for battery spacing.
- Advanced fire detection and suppression systems.

At ACE, we are committed to integrating these cutting-edge safety measures into our projects. Our extensive experience in BESS system integration across Australia positions us at the forefront of this technology.

Learn More

Power System Integration for Remote Water & Wastewater Assets



ACE is proud to have integrated standalone power solutions for remote water & wastewater assets, particularly at the Broome Wastewater Treatment Plant (WWTP) and Cane River WWTP. Our team was responsible for the SCADA integration of the solar battery systems at these sites, ensuring reliable and efficient operation.

These remote locations posed unique challenges that required innovative solutions to maintain consistent power supply. By integrating advanced SCADA systems with solar battery technology, ACE has enabled these facilities to operate independently from the grid, significantly improving their reliability and sustainability.

The successful integration of these systems provides our client off-grid power for remote and critical infrastructure. Our commitment to excellence and innovation ensures that even the most challenging projects are completed to the highest standards.

Download the Case Study

ACE Co-sponsors Western Australia Society of Arts



We are thrilled to announce that ACE proudly co-sponsored the Western Australia Society of Arts (WASA) Exhibition held on May 17th in Perth. This historic society, founded by Lady Margaret Forrest in 1896, continues to be a cornerstone of the local arts community, fostering creativity and innovation.

Our commitment to supporting the arts aligns with our core values of excellence, creativity, and community engagement. The event was a fantastic opportunity to connect with local artists, celebrate their remarkable work, and reinforce the synergy between engineering and art.

The highlight of the evening was presenting awards to the outstanding artists, recognising their exceptional contributions to the arts community. Our sponsorship underscores ACE's dedication to giving back to the community and supporting initiatives that foster growth, creativity, and innovation.

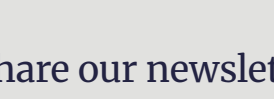
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