

Engineering Smart Utilities

G'day ,

Welcome to the July edition of ACE's Newsletter, where you can enjoy the latest updates and developments, showcasing our commitment to innovation, engineering excellence, and community engagement.

Arc Flash Mitigation System FAT



ACE team has successfully completed a Factory Acceptance Test (FAT) for an Arc Flash Mitigation System in a workshop setting with an Omicron tester and protection relay cabinet designed by our engineers.

The project aimed to provide electrical protection for client personnel and electrical systems by detecting arc flashes using relays and light sensors within switchboards.

Our team worked diligently through the design, programming, and testing phases, helping to reduce the client's operational and maintenance risks for their assets.

[Learn More - Relay Controlled SF6 Breaker](#)

Solar Battery SCADA System FAT



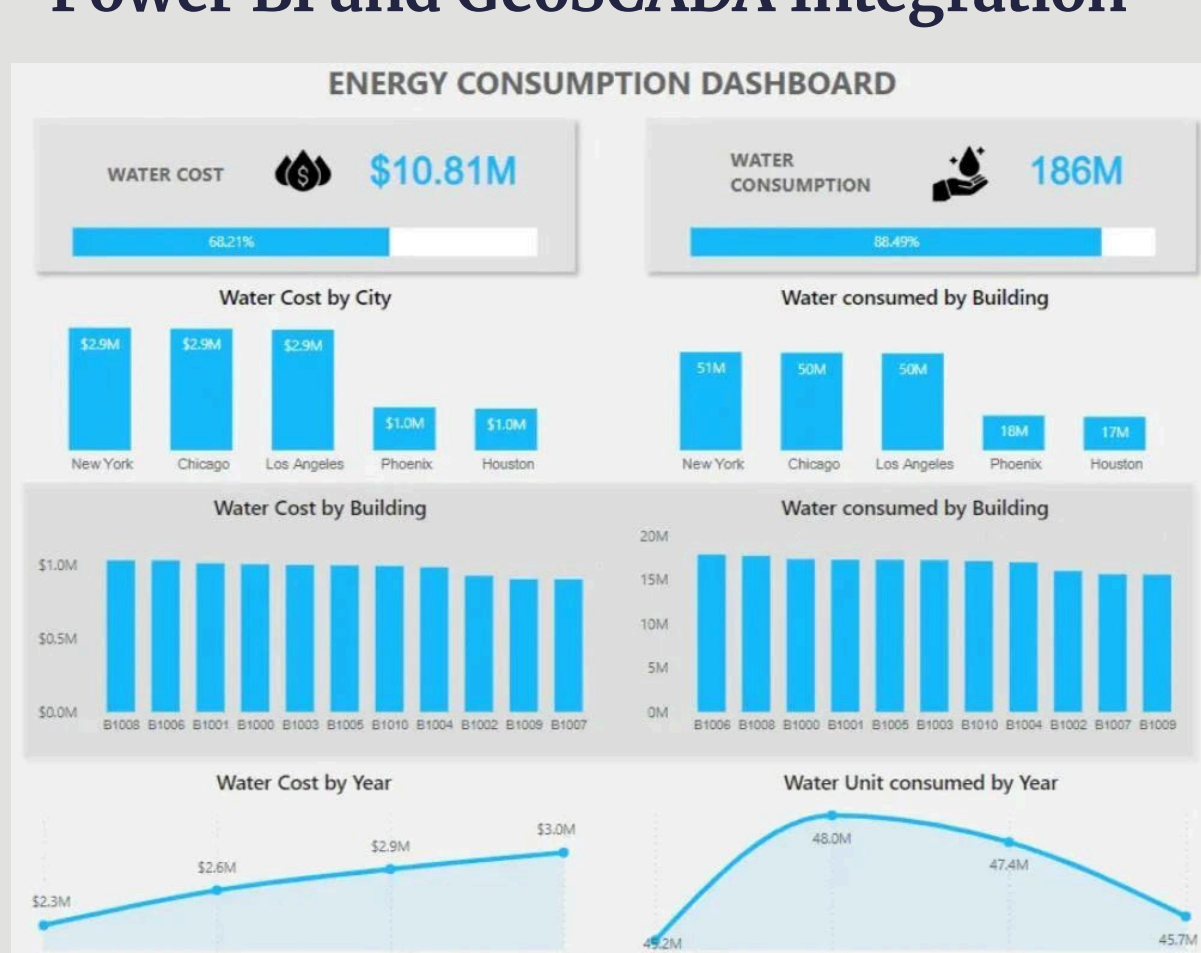
ACE has successfully completed a series of Factory Acceptance Tests (FATs) on a solar battery SCADA system.

The client's assets are located in a remote area where grid connection is not an economically viable option. The solar battery provides a reliable solution, enabling the continuity of power supply to the local assets.

This project is milestone achievement as it can be applied to many other sites in remote areas. ACE's thorough design, programming, and testing ensured the system is not only integrated with its subsystems but also allows for smooth site commissioning. If you are interested in remote power supply solutions or need system integration for your battery system, please contact ACE.

[Video Explanation by Our Engineer](#)

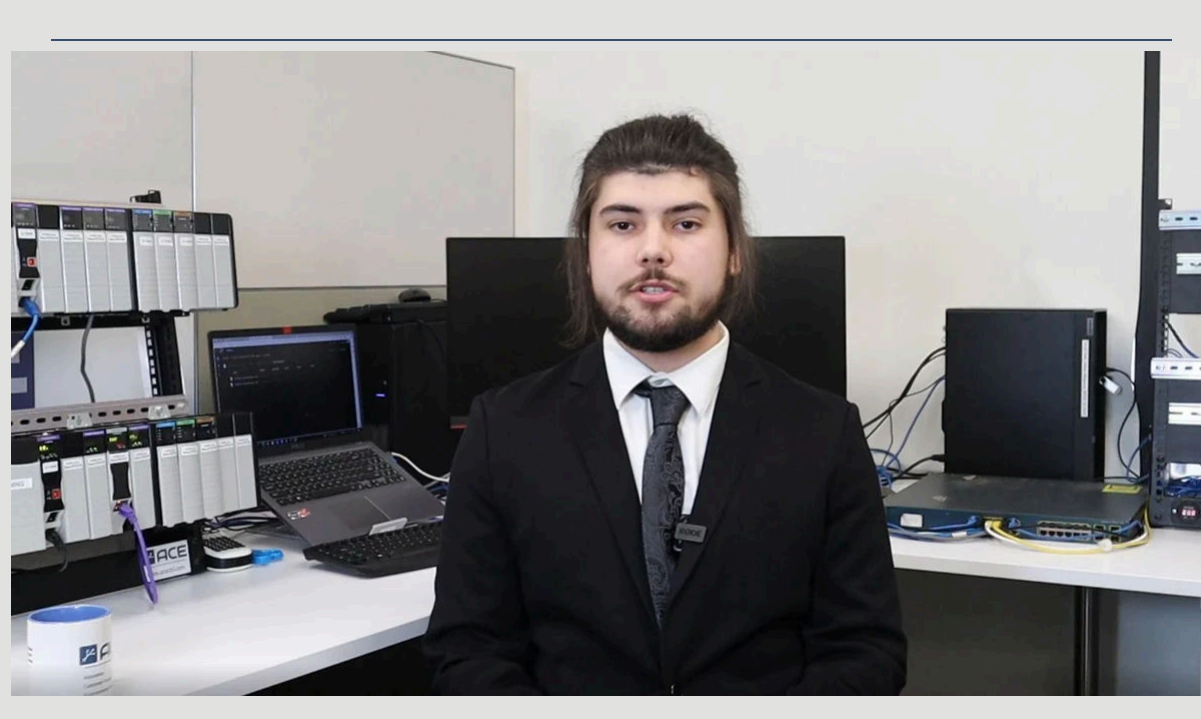
Power BI and GeoSCADA Integration



ACE is proud to have created a unique solution for bringing site data from GeoSCADA to Power BI with custom dashboards.

This solution enables our client's team to have better visibility into energy consumption at the asset level, further assisting in decision-making to achieve their energy-saving goals.

[Learn More](#)



Our intern, Jordan, presented his learnings and findings at ACE on Allen Bradley's redundant PLC system. Through ACE's in-depth structured training, our engineers are well-equipped with practical knowledge specifically applicable to ACE's procedures and the technology used in the industry.

At ACE, we are committed to providing hands-on training on industrial engineering hardware, software, and design.

Our aim is to prepare our engineers to excel in high-pressure environments, delivering high-quality work to clients on time and within budget.

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