

40GW+ WORTH OF INSTALLED SYSTEMS ACROSS THE U.S.

**OPEN  
ARCHITECTURE  
SCADA  
SOLUTIONS**



**NOR-CAL CONTROLS**  
ENERGY SOLUTIONS

# America's Most Trusted SCADA Provider

With more than 50 years of combined experience in traditional turbine, solar PV and storage integration, we've seen it all because we've done it all. Nor-Cal Controls (Nor-Cal) is the industry's most trusted integrator for top EPCs and Asset Owners because of our open architecture based solutions, paired with our project teams' subject matter expertise, experience and dependability.

With 640+ completed energy projects over the past decade, we have the skills and experience to make your next project a success. Whether you have a new project requiring a fully customized system, or an existing system in need of a retrofit, we can help.

## Solutions & Services

- Utility-scale SCADA Systems (Solar PV, Energy Storage and Hybrid), including Grid Following & Grid Forming capabilities
- System retrofits, simple software/hardware replacement up to and including "Rip & Replacement" of full systems
- Controls and power management schemes for Microgrid and Nanogrid projects
- Blackstart, Islanding and re-synchronization controls included in Nor-Cal's standard offerings
- FLOW – flexible and scalable analytics software platform, utilizing scrubbed data for all analytics
- "Tahoe" MET station solutions – customizable and CAISO, ERCOT, MISO and PJM compliant
- RTDS (RSCAD/PSCAD), HIL simulation testing and validation
- PSCAD modeling support
- PSCAD/PSSe: Nor-Cal PPC UDM and Generic for models for Solar PV, stand-alone BESS, Hybrid, and breaker /CAP modeling
- Nor-Cal hosted, Solar & Energy Storage Operator Training "SSOT" (system agnostic)
- Enterprise SCADA systems
- On-going SCADA system support, maintenance & legacy system upgrades
- Troubleshooting support
- System startup, testing and site operational support
- Controls functionality implementation and testing
- Owner's engineering (SCADA SOW), including FAT support
- SCADA/MET/IT & Cyber Security Documentation Specifications Support
- Plant security camera / surveillance systems, integration support
- UL panel building, fabrication services
- First responder monitoring stations, design, build and integration to SCADA.

## Trusted by Top EPCs and Asset Owners



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