

The Finest Integration Services Around

Utilities

Crown enclosures can be customized to each utility's exact specifications which provide solutions for the most complex integration challenges.

Industrial

Crown manufactures switchgear buildings, switchgear replacement doors, VFD enclosures, and SCADA cabinets used to operate and distribute power at industrial facilities.

Renewables

Our Solar Connection Inverter Dock (SCiD) is a turn-key solution for housing your solar inverter and integrating it into your project. Our Standardized Wind Control Building is optimized for all collector substation applications.



Pre-fabricated Turn-Key Steel Enclosures

When managing an efficient switchyard or distribution yard, safety is paramount. Safety produces a reliable system, which is needed to provide electricity for those who want it, need it, and demand it. Crown Technical Systems Power Control Assembly (PCA) affords you that opportunity to have an efficient long-lasting "drop in place" solution that will continue to operate for many years to come.

The Power Control Assembly is a pre-designed, pre-fabricated, pre-tested enclosure that saves our customers money by reducing the time and risk associated with multiple vendor outsourcing and site testing. As a weather tight enclosure, the PCA houses and protects electrical equipment such as, but not limited to: control equipment, backup battery systems, instrumentation panels, control switchboards, and communication panels.

Before a PCA is sent to perform in the field, it is rigorously tested to ensure you are receiving the performance you expect. Electrical and mechanical quality inspections are completed to ensure all components of the Power Control Assembly are working correctly. After the inspections are complete, detailed reports are available to depict the readiness of your PCA.

Once a PCA arrives on site, the building can easily be installed on a concrete pad or piers. Once installed only minor field cable work needs to be performed to integrate the Power Control Assembly you're your layout. Crown's design, manufacturing, testing, and integration processes have taken care of everything else.

- Crown Power Control Assemblies are available as a complete package with Relay Panels included leaving only field cables to be connected.
- Front end engineering time and labor costs are greatly reduced with a Single Source prefabricated Power Control Assembly Package.
- Crown Power Control Assembly is designed to meet the most recent ANSI, IEEE, and NEMA standards.
- Experienced engineering, procurement, and logistical teams take ownership of your project and provide you with turnkey drop in place solution.

Equipment Integration is a Partnership

Fully Fabricated

Our Power Control Assembly is designed and manufactured in our own facility. This gives us the advantage of producing a building that meets the most demanding needs.

Fully Integrated

Power Control Assembly arrives on site with all equipment installed, cabled and tested. Only field cables are connected at the job site.

Fully Tested

Crown performs comprehensive testing on all units using state of the art testing equipment. Crown encourages new and existing customers to utilize witness testing, because we want you to feel as confident in our equipment as we do.

Fully Economical

Our customers save money by reducing on-site labor costs and by reducing the time and risk associated with outsourcing from multiple vendors.

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As an experienced electrical systems manufacturer and integrator, Crown Technical Systems has designed and manufactured the Power Control Assembly (PCA) to be the definitive turnkey solution to protect, monitor, and communicate with the intricate and expensive devices that are used in switch yards and distribution substations today.

Supply Capabilities

- Projects looking for a turnkey alternative to site built buildings.
- Projects looking to adhere to an expedited schedule.
- Projects looking for a lower cost solution to brick and mortar buildings.
- Seeking one company to take ownership of design, fabrication, integration, and logistical operations of the enclosure and protective equipment.
- Projects seeking to customize an enclosure for their specific project.
- Projects looking for a prefabricated enclosure that meets IEEE, ANSI, and NEMA Standards.

STANDARD LEAD TIMES

BUILDING 16-20 WEEKS

PANELS 12-14 WEEKS

TURNKEY 18-22 WEEKS

ENG. 2-4 WEEKS

TESTING 1-4 WEEKS

SHIPPING 1-2 WEEKS

SITE WORK 2-3 WEEKS

*Standard lead times are based on typical project requirements. Long lead items to be determined at time of estimating and pre-engineering phases before final lead times can be defined.

CROWN
TECHNICAL SYSTEMS
PERFORMANCE IS OUR BUSINESS
QUALITY IS OUR FOUNDATION™