

Coastal Power Systems

Power Distribution Solutions for Critical Infrastructure

Custom switchgear, switchboards, engineering, testing, commissioning, maintenance, modernization, and emergency response services for data centers, utilities, power generation, industrial, and other mission-critical facilities.

About Coastal Power Systems

Powering Critical Infrastructure Since 1995

Coastal Power Systems is an engineering-driven manufacturer of critical electrical infrastructure. We deliver complete electrical infrastructure lifecycle solutions—from concept and design, through manufacturing, commissioning, testing, modernization, maintenance, and emergency response. We partner with EPCs, industrial facilities, and mission-critical operators to reduce risk, improve power reliability, and simplify project execution.

Our mission is to deliver dependable, responsive, and practical power solutions that help customers maximize reliability, minimize downtime, and maintain critical operations.





Who We Are

Coastal Power Systems delivers comprehensive critical power infrastructure solutions:

- 30+ years of power systems experience
- In-house manufacturing with engineering-first approach
- Switchgear, switchboard, panelboard, and protection system expertise
- NETA-guided testing procedures
- Field service and manufacturing support under one roof
- OEM and obsolete equipment knowledge
- Breaker modernization and retrofit experience
- Fast turnaround for critical equipment needs
- 24/7 emergency support for urgent power system issues
- Complete electrical infrastructure packages
- Single point of responsibility with faster communication and project execution

The Coastal Difference

Most companies
only provide products



Coastal Power Systems
provides complete critical power
infrastructure lifecycle solutions—
from manufacturing through
reliability management,
modernization, testing,
and long-term support.

Critical Power Infrastructure Lifecycle

Coastal Power Systems supports every stage of the electrical infrastructure lifecycle



Coastal Power Systems Supports Every Phase of Your Electrical Asset Lifecycle

Phase	What Coastal Does	Customer Benefit
Design & Engineering	System design support, equipment selection, value engineering	Reduces project risk and improves reliability
Manufacturing	Custom switchgear, power distribution solutions, protection systems	Faster delivery and engineered solutions
Commissioning	NETA-guided testing, startup support, system verification	Ensures safe and reliable energization
Operations	Technical support and asset visibility	Maximizes uptime and operational efficiency
Maintenance	Preventive maintenance, infrared scans, testing	Reduces unexpected failures
Modernization	Retrofits, arc flash mitigation, equipment upgrades	Extends asset life and improves safety
Emergency Response	Outage support and rapid equipment replacement	Minimizes downtime and business disruption

The CPS Advantage

One Partner - We Build What We Sell. We Support What We Build.

Schedule

- Responsive engineering support
- Faster issue resolution
- Reduced change-order delays

Communication

- Direct access to engineering and manufacturing
- Fewer layers and quicker decisions

Cost Control

- Lower total installed cost
- Flexible engineered solutions

Lifecycle Support

- Startup and commissioning
- NETA testing
- Preventive maintenance
- Emergency response



Engineering & Design



Engineering Studies

Power Coordination Studies

Arc Flash Studies

Short Circuit Studies

Reliability
Assessments

Power System Design

Value Engineering

Manufacturing



UL 1558 Switchgear

UL 891 Switchboards

UL 67 Panelboards

Protection Control Systems

Custom Power
Distribution Equipment

Custom Enclosures

Engineered for Safety, Reliability & Resilience

Coastal Power Systems

UL 1558 Switchgear

UL 891 Switchboards Features

UL 67 Panelboards



Finger-Safe Construction

- IP20 finger-safe design available
- Enhanced personnel protection
- Reduced exposure to energized components
- Improved maintenance safety

Seismic Rated Construction

- Seismic Level 2 rated
- Designed for deployment in high seismic regions
- Suitable for West Coast and critical infrastructure applications
- Supports business continuity and operational resilience

Critical Infrastructure Design

- Utility-grade reliability
- Industrial-duty construction
- Mission-critical performance
- Long-term lifecycle support

Coastal Power's Manufacturing Partners



Testing & Commissioning



NETA-Guided Testing

Primary Injection Testing

Protective Relay Testing

Secondary Injection Testing

Medium Voltage
Testing

Commissioning Services

Startup Support

Maintenance & Reliability



Preventive Maintenance

Switchgear and Switchboard
Maintenance

Circuit Breaker Inspection
and Repair

Full Circuit Breaker
Restoration & Reconditioning

Infrared
Thermography

Protective Relay & Control
System Evaluation

Motor Control Center
Maintenance

Electrical Asset
Management

Modernization & Life Extension



Circuit Breaker Retrofits

Circuit Breaker Retrofills

Switchgear
Modernization

Arc Flash
Mitigation

Reliability Upgrades

Obsolete Equipment
Programs

Asset Life Extension

Emergency Response



24/7 Emergency
Support

Emergency Equipment
Replacement

Outage Response

Temporary Power
Solutions

Emergency
Troubleshooting

Critical Infrastructure
Recovery

Field Services



Primary and Secondary
Injection Testing

Medium Voltage
Pot Testing

Electrical Commissioning

Engineering Studies

Protective Relay
Testing

Electrical Equipment
Repairs

Maintenance and Cleaning

Equipment Refurbishment



Data Center Solutions

- MV & LV Distribution Solutions
- Commissioning & Startup Support
- NETA Testing
- Reliability Programs
- Preventive Maintenance
- Emergency Response



Utility & Power Generation Solutions

- Utility Infrastructure Support
- Generation Facilities
- Substation Equipment Support
- Reliability Programs
- Outage Response
- Equipment Modernization



Industrial & Petrochemical Solutions

- Refineries
- Petrochemical Facilities
- LNG Facilities
- Manufacturing Plants
- Water & Wastewater Facilities

→ Focused on reliability, safety, and uptime



Why Coastal Power Systems?

Custom Power Distribution Manufacturing

Engineering solutions supported by in-house manufacturing knowledge, equipment design expertise, and real-world application experience.

Critical Infrastructure Expertise

Engineering services for data centers, utilities, power generation, industrial facilities, and other mission-critical electrical systems.

Engineering, Testing & Commissioning Support

Integrated engineering studies, field testing, commissioning, and startup support throughout every phase of the project lifecycle.

Protection & Control System Integration

Protection coordination, relay applications, control systems, and electrical system integration designed for reliable operation.

Reliability & Lifecycle Management Focus

Engineering recommendations that improve system reliability, simplify maintenance, reduce risk, and support long-term asset performance.

Modernization & Equipment Life Extension

Engineering support for equipment retrofits, upgrades, replacement planning, and electrical infrastructure modernization projects.

24/7 Emergency Response & Field Services

Engineering support backed by rapid field response, troubleshooting expertise, emergency repairs, and restoration services when uptime matters most.

