



Constellation Energy Control & Dispatch Group at a Glance



CAPABILITIES

- Energy product development and implementation for broader access to market participants
- Regulation, balancing and monitoring of power flows between generators and end users across all significant power grids
- Advanced scheduling and energy-tagging services
- Energy shadow settlement, reporting and dispute resolution
- Real-time energy system information capture (four-second granularity)
- Load forecasting services
- Compliance management and reporting including GADS, FERC 714 and EIA 411 reports
- Emergency and planned outage response and coordination services
- Reserve pool management and energy-replacement services

Constellation Energy Control & Dispatch Group (CECD) provides an assortment of energy services to large load-serving entities (LSEs) including cities, municipalities, electric cooperatives, independent power producers and industrial facilities throughout the North American continent. In this increasingly complex and rapidly changing energy environment, our mission is to ensure that power flows consistently and reliably while enhancing profitability and reducing risk exposure for our customers.

CONTROLLING THE DATA STREAM

The CECD systems capture and store each piece of data every four seconds, creating a powerful energy reconciliation tool that can save our customers millions in unwarranted penalties and billing errors. Our nationally certified control center operates throughout North America. From our state-of-the-art Energy Control Center in Houston, we can analyze electrical power grid activity 24/7 in real time, historically, and looking forward. Providing continuous asset management and oversight, power tagging, ancillary services management, data access and dynamic scheduling are just some of the many tools that give our customers unique control of asset operation and settlement activities.

DISPATCHING POWER ACROSS THE GRID

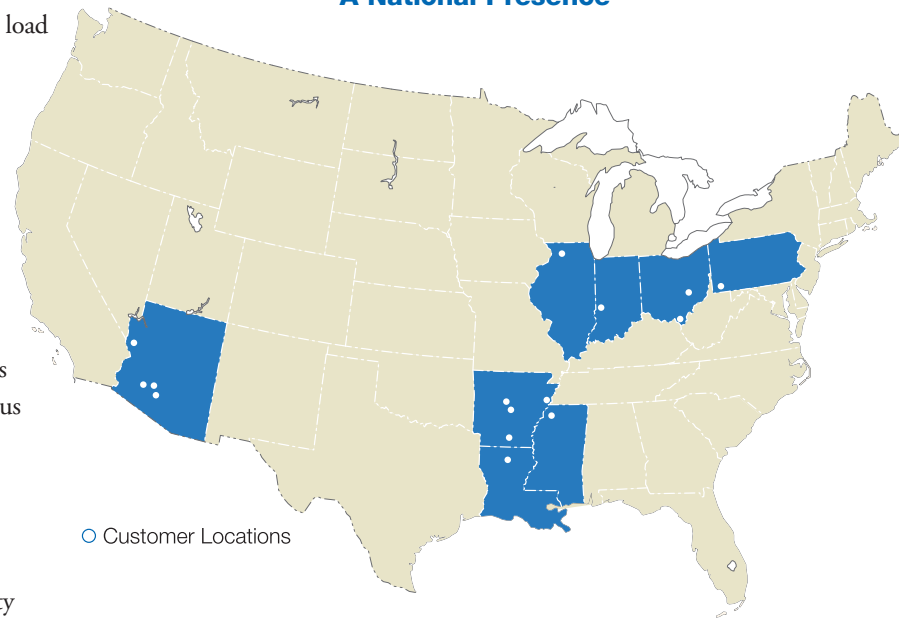
We enable our customers to manage their power supplies and sales in ways that allow them to maximize profitability while reducing physical and financial risks. CECD communicates the real-time operational information that customers need across a diverse mix of generation and native load across the continent, leveraging an infrastructure that includes fully redundant energy-management systems. CECD uses multiple high-speed data connections to regional authorities, reliability authorities, RTOs and tagging agents to maintain data integrity and the most stringent industry connectivity standards.

EMPOWERING OUR CUSTOMERS

If your organization has responsibility for providing power to load and/or managing generation resources, CECD's customized services will provide you with cost-efficient solutions to the rapidly evolving challenges of the energy marketplace:

- **Energy Management System (EMS)** CECD's state-of-the-art system combines the hottest technology and cyber security with system redundancy. Back-up systems in Austin and Baltimore provide an additional layer of reliability. In fact, our hardened systems proved invulnerable when we transitioned to these back-up centers as Hurricane Rita made her way to shore. Our EMS gives us the capacity to serve many operating areas and facilities, to maximize delivery to load, and to optimize generation facility transactions.
- **Shadow Settlement Services** We combine the increased monitoring capabilities of our EMS and reliability authority communications with the ability to capture and store operational information from actual grid activity. This serves to insulate our customers from the heavy financial impacts of unjustified penalties and to ensure accurate energy reconciliation so that dollars earned become dollars retained and are not lost in long, inefficient settlement processes.
- **Security** Highest standard cyber and physical security is embedded in our services. Just staying in touch with new industry standards is almost impossible for most industry participants; our focus serves to ensure your compliance. We also can enhance your current switchyard and surveillance security systems with round-the-clock scrutiny.
- **Web-based Data Access** From your office or home, your facilities' real-time data is available 24/7 over our secure communications network. We will manage to whom you allow access and how they obtain that access. This is an invaluable tool that allows busy managers to monitor activities from almost anywhere.

A National Presence



- **Tag Approval Authority** CECD's tag approval authority for Balancing Authorities provides increased customer control, flexibility in deficiency recovery, efficient implementation of commercial transactions, direct access to the reliability authorities and oversight of transmission owner/provider tag activities.

THE POWER FLOWS TO YOU

Using our systems and capabilities, you can provide energy products that differentiate you from the rest of the industry. Leveraging our coast-to-coast power infrastructure includes everything from real-time spinning reserve management to robust in-house accounting platforms to second-by-second supervision of energy transactions and production. We offer our customers maximum flexibility and authority over management of their power supplies and add value through transaction cost efficiency, reliability and delivery risk-mitigation.

At CECD, the power flows to you.

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