



Starting a new era at SDG&E: a complete compliance solution for their first generation facility.

The Challenge

San Diego Gas & Electric (SDG&E) needed a solution that could handle a broad spectrum of requirements for a new urban power plant.

The Solution

Only the Enviance System was able to meet all of the requirements for this electric generation facility, demonstrating compliance as well as assuring it for the future.

The Benefits

- Efficient processes
- Compliance assurance
- Seamless system updates
- Flexible permissions management
- Centralized data

“The Enviance System has given our facility some leverage in the compliance arena, because we can quickly and easily demonstrate and share compliance across the board.”

Kelly Hunt, Compliance Manager

Environmental stewardship has always remained a top priority for SDG&E’s Palomar Energy Center. In fact, this 550 megawatt combined cycle power plant produces 45% more electricity than older facilities that use the same amount of natural gas, and has the lowest carbon monoxide emissions in Southern California.

While still in the engineering and construction process, SDG&E decided that it needed a compliance management system for its first generation facility. Recognizing the complexity of the facility’s requirements, SDG&E was committed to demonstrating compliance transparency for not only environmental, but all requirements for the generation facility.

These requirements were beyond anything that could be managed with checklists and spreadsheets, and SDG&E wanted more functionality than typical environmental management information systems (EMIS) offer – so three different compliance management systems were considered for implementation. Together, the Generation Compliance Manager and the Director of Electric Generation at SDG&E agreed that the Enviance System was the best option, because of its flexibility and scalability.

Only the Enviance System provides the flexibility that SDG&E needs.

The Enviance System was selected as the compliance management system for the Palomar Energy Center, because it met all of SDG&E's requirements and had features that no other system offered:

- ▶ Flexible reporting
- ▶ Seamless upgrades
- ▶ Self-administration, with permissions and rights for users
- ▶ Integration with SAP and PI

Implementation and training were completed in less than 4 months, just in time for the facility to come on-line in March, 2006. More than thirty users were trained to use the Enviance System as the facility was getting ready for operation. Water technicians and environmental specialists, as well as the maintenance and operations personnel learned how to streamline processes by tracking data in the System.



Learn more at:
www.enviance.com
1.866.368.4262 (1.866.Enviance)

One System covers all areas.

An electric generation facility deals with many regulatory agencies demanding compliance for even more requirements. The Enviance System is used on a daily basis to track tasks and incidents, as well as pull reports and perform internal audits for:

- ▶ Air
- ▶ Water
- ▶ Waste
- ▶ Land planning and natural resources
- ▶ Transportation licenses
- ▶ Safety
- ▶ Training
- ▶ Energy related requirements for:
 - California Energy Commission
 - Department of Energy
 - California Public Utilities Commission

SDG&E assures compliance.

Because the System has been used since the inception of the Palomar Energy Center, SDG&E doesn't have to worry about lost or missing data. Everything is stored in one central location, and is available to help assure compliance with a few clicks of the mouse. In fact, the board of directors and executive team plan to use dashboard reports in order to get a compliance overview for particular timeframes and areas.

They can rest assured that SDG&E has all of the necessary tools to demonstrate compliance transparency and assure it for the future growth of all generation at SDG&E.

