

## Aspen IP.21 for Energy: Improve Forecasting, Realize Long-Term Savings

### Problem:

#### Disparate data collection from multiple sites impeded energy forecasting

- One of the world's leading energy providers—with more than 25 sites in France—was looking to gather useful, real-time information from a vast database.
- The lack of integration between the sites and poor historical data made it difficult to analyze energy usage and predict future usage.
- Without proper forecasting, the energy company could not accurately plan for energy purchasing; such guesswork drove up operating costs due to overspending on energy units.
- Became an even larger issue with the increasing cost of energy usage worldwide and the growing demand for conservation.

### Approach:

#### Build an enterprise-wide solution for collecting and analyzing critical energy data

- INEO E&S first approached the customer to better understand its energy management system requirements. As an integrator, INEO was able to bring world-class products and technologies from the leading providers.
- Belonging to one of the largest global energy societies, INEO was able to provide an OEM solution—powered by AspenTech—with customized tools to meet the specific needs of the customer.
- The integrated INEO/AspenTech solution was particularly attractive because of a toolbox that helps with the entire project, including development, installation, deployment, and exploitation.
- The comprehensive solution would be rolled out seamlessly to all 25 sites with no disruption in energy service.

### partner spotlight



*Part of the international Suez Group, INEO E&S is a full-service provider of integrated information and communication systems to large customers in several key industries, including energy and utilities, chemical and pharmaceutical, and aeronautics. INEO has been a trusted partner of AspenTech since 1984.*

### Recommendations:

### Aspen IP.21 for integrated tracking and analysis of energy production

- INEO implemented the solution—featuring the Aspen IP.21 platform—to bring real-time visualization and analysis of data from all 25 production sites.
- A customized, easy-to-use graphical user interface allows authorized personnel to access and view the data in a number of different ways—from current energy utilization to historical usage based on key criteria.
- The accurate and flexible data collection enables the energy company to compare usage statistics from previous weeks and months to make more informed decisions for future energy purchases.
- Because of the confidentiality associated with energy consumption data, the solution is also highly secure to maintain strict compliance.

### Results:

### Greater visibility and predictability of energy data lowers overall costs

- The highly integrated Aspen IP.21 solution allows the energy provider to keep up with the huge market demand for more efficient energy management. And by leveraging existing databases already in place and optimizing the data, the customer protects investments.
- By being able to monitor, track and analyze energy utilization in real-time, the customer can reduce its own energy costs and pass the savings on to end user customers.
- The customized web interface allows key decision makers throughout the company to access the data anywhere, anytime, saving valuable time and further reducing operating expense.
- Thanks to the efficient planning and implementation by INEO E&S, the customer now has a solution that will grow with it to meet new challenges in the energy and utility industry.

### solution spotlight



*The highly integrated Aspen IP.21 solution allows energy providers to keep up with the market demand for more efficient energy management, helping them track utilization, reduce costs, and make more informed business decisions.*

### About AspenTech

AspenTech is a recognized expert and leading provider of award-winning process optimization software and services. AspenTech's integrated aspenONE™ solutions enable manufacturers to reduce costs, increase capacity and optimize operational performance end-to-end throughout the engineering, plant operations and supply chain management processes, resulting in millions of dollars in cost savings.