

success story



Nuclear Asset Management

■ ■ ■ ■ INTRODUCTION

Duke Energy partnered with NouVEON to provide project management for one of its largest Nuclear Generation Department (NGD) projects, Nuclear Asset Management. This \$17 million project involved a phased approach beginning with an upgrade of NGDS application servers, application software (Asset Suite) and oracle databases. The team was engaged in increasing the capability and flexibility for users by updating to VENTYX Asset Suite (VAS) which includes a New User Interface (NUI). This updated version of VENTYX PassPort provides users with the ability to tailor specific panels, define panel navigation based on workflows and develop task wizards. The team engaged in the implementation of the Engineering Change (EC) module which strengthens the integration of NGD business processes.

■ ■ ■ ■ CHALLENGE

The Nuclear Asset Management project was made up of the business team, consisting of Duke Energy NGD business representatives and contractors, and Information Technology (It), consisting of Duke Energy IT support and contractors. Due to the lack of project management resources from the IT side of the team, most of the project decisions were being driven from the business side. This created a division within the two teams, inhibiting team cohesiveness and productivity. It was also critical that the project managers drive Duke Energy's Software Delivery Life Cycle (SDLC) methodology and ensure that critical milestones were delivered in order to keep the project on schedule and within budget. Duke Energy was also implementing a new IT governance system that was being used to track projects throughout their life cycle.

"Job well done. You were the catalyst that got us there."
Matt Walz, VP Commercial Analytics

Nuclear Asset Management



■ ■ ■ ■ THE SOLUTION

NouvEON was engaged to provide a senior level project manager to manage the IT responsibilities for the Nuclear Asset Management project and establish the relationship with NGDS business management and team. The project manager established the structure of the team by developing a detailed project plan with resource allocations and milestones in order to prioritize all the development and infrastructure work that needed to be completed. Also, the project needed to be formalized by taking it through the IT governance structure and configuring Duke Energy's ITG software in order for the team track time against the project and receive approval from the executive project management office.

■ ■ ■ ■ THE RESULTS

As a result of these efforts a solid relationship between IT and Business was delivered and both managers are working closely to ensure the project's success. IT has been able to meet its milestone deliverables within the original budget set forth by Duke Energy. Phase one was successfully implemented in July 2007, which included upgrades to servers, software and databases. NouvEON's project manager coordinated the implementation plan for phase one, resulting in minimal system downtime and a smooth go-live. The team is preparing for a three site rollout in 2008 and 2009 that provided NGO with increased flexibility, improved business process capabilities, new tools with which to better perform their jobs and strengthened integration throughout NGDS's business processes. The NGD business will benefit greatly from the strengthened integration and improved business processes, which will provide tighter controls to NGD's regulatory standards.

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Duke Energy is one of the largest electric power companies in the United States. Duke Energy supplies and delivers energy to approximately 4 million U.S. customers. Duke Energy has approximately 35,000 megawatts of electric generating capacity in the Midwest and the Carolinas, and natural gas distribution services in Ohio and Kentucky. In addition, Duke Energy has more than 4,000 megawatts of electric generation in Latin America. Duke Energy is also a joint-venture partner in a U.S. real estate company.

NouvEON Services provided:

- Project Management
- Software Delivery Lifecycle
- Risk Management
- Executive Sponsor Management Services
- Stakeholder Management Services

NouvEON Technologies used:

- Ventyx Asset Suite
- Oracle 10G
- Microsoft Reporting Services
- DataGlance Data Conversion Software
- Next Axiom Web Service Development Software
- AIX Servers