



ACES
excellence in energy®

CUSTOMER SPOTLIGHT

Value creation with Posit Team: improving model accuracy by more than 50 percent

SUMMARY :

ACES manages more than 1,000 production models to help clients navigate the complexities of U.S. energy markets and extreme weather. By standardizing on Posit Team and the Positron IDE, the data science group transformed individual scripts into a unified, package-centric modeling framework. This professional infrastructure allows the team to deliver rapid stochastic simulations and long-term forecasts that directly inform multi-billion dollar investment decisions.



ABOUT :

ACES is a nationwide energy management company that helps clients buy, sell, and manage wholesale energy through advanced modeling and resource planning.

INDUSTRY :

Energy

SIZE :

300 employees

TECHNOLOGY USED :

Posit Connect, Posit Workbench,
Posit Package Manager, Positron

The Challenge:

Managing Script Sprawl and Technical Debt

Fragmented development workflows hindered model scalability and growth.

- **DEVELOPMENT FRICTION:** The team needed a more robust, polyglot environment to handle both R and Python workflows without sacrificing debugging speed.
- **GOVERNANCE GAPS:** Maintaining over 1,000 models required a move away from siloed files toward a centralized, version-controlled system to prevent technical debt.



The Solution:

Establishing a Unified and Professional Development Pipeline

ACES established a professional development and deployment pipeline by adopting the full Posit Team suite and Positron IDE, transitioning to a package-centric workflow that turned reusable functions into internal R libraries to serve as a single source of truth.

- **POLYGLOT DEVELOPMENT:** The adoption of Positron provided a developer-first experience with strong support for multiple languages, allowing for more effective troubleshooting and navigation.
- **CENTRALIZED MODEL DEPLOYMENT:** Using Posit Connect, the team transformed intricate forecasts into accessible APIs and interactive applications for stakeholders to explore “what-if” scenarios.

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