

## DATASHEET

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# AVEVA™ Gas Day Advisor

## Make certain that your supply meets demand

Ensuring that your gas supply meets demand is a high stakes business process. While your contractual commitments are a known quantity, remaining demand relies on less predictable influences, like the weather, the economy, and even holiday schedules. How do you minimize random factors to generate firm, accurate predictions?

AVEVA offers decades of experience in the production of innovative information technology solutions for major gas transmission and distribution companies. We also have an unparalleled track record in providing highly accurate, geographically targeted weather data that further improves gas demand predictions.

Gas Day Advisor allows you to streamline gas load forecasting and monitoring. It generates, monitors and revises predicted loads for current and future gas days. The hierarchical, flexible database allows operators to group requirement points and compares them against supplies and flow balances from a SCADA system. Operators can accurately identify deviations from the gas day plan in time to make supply and demand adjustments.

## Gas Load Prediction

Gas Day Advisor allows operators to create a precise total gas day supply plan. First, the system automatically tracks the amount and timing of current contractual commitments. Operators then arm the system with forecast weather data, historical weather data, gas consumption history and other relevant information. Based on this data, the built-in statistical analysis tools make precise load predictions for current and near future gas days.

Gas Day Advisor easily integrates with a large assortment of gas flow measurement devices. The system collects readings from those metering devices and compares them to the plan. When the system identifies discrepancies larger than the preferred threshold, it automatically triggers alerts. Operators can also view predicted and actual volume summaries at various levels (meter, station, group of stations or customized level) whenever necessary.

## Accurate Planning to Reduce Unknowns

Gas Day Advisor receive constant updates that help determine whether to pull more gas into the system. The system recalculates the balance of usage versus receipts with every new transaction. The system also monitors excess receipts so the operator can use them to determine whether to take on extra demand, store them for future needs, or use them to control expected pricing changes.

Gas Day Advisor also monitors your operation's day-to-day activities to make future predictions even more accurate. The system tracks peak values—maximums and minimums—to determine how typical a given gas day is when compared to historical extremes. Based on this information, you can run your operation more efficiently by avoiding unwanted storage costs and averting shortfall penalties. You can also potentially save money with excess receipts offsetting future gas price increases.

## Technology to Take Out Guesswork

Gas Day Advisor gives operators greater accuracy and more confidence in their decisions. The system allows them to adjust supply and demand based on precise, real-time data. Arm yourself with the best possible predictions. Depend on Gas Day Advisor to plan your gas day.

