



ADVANTICA

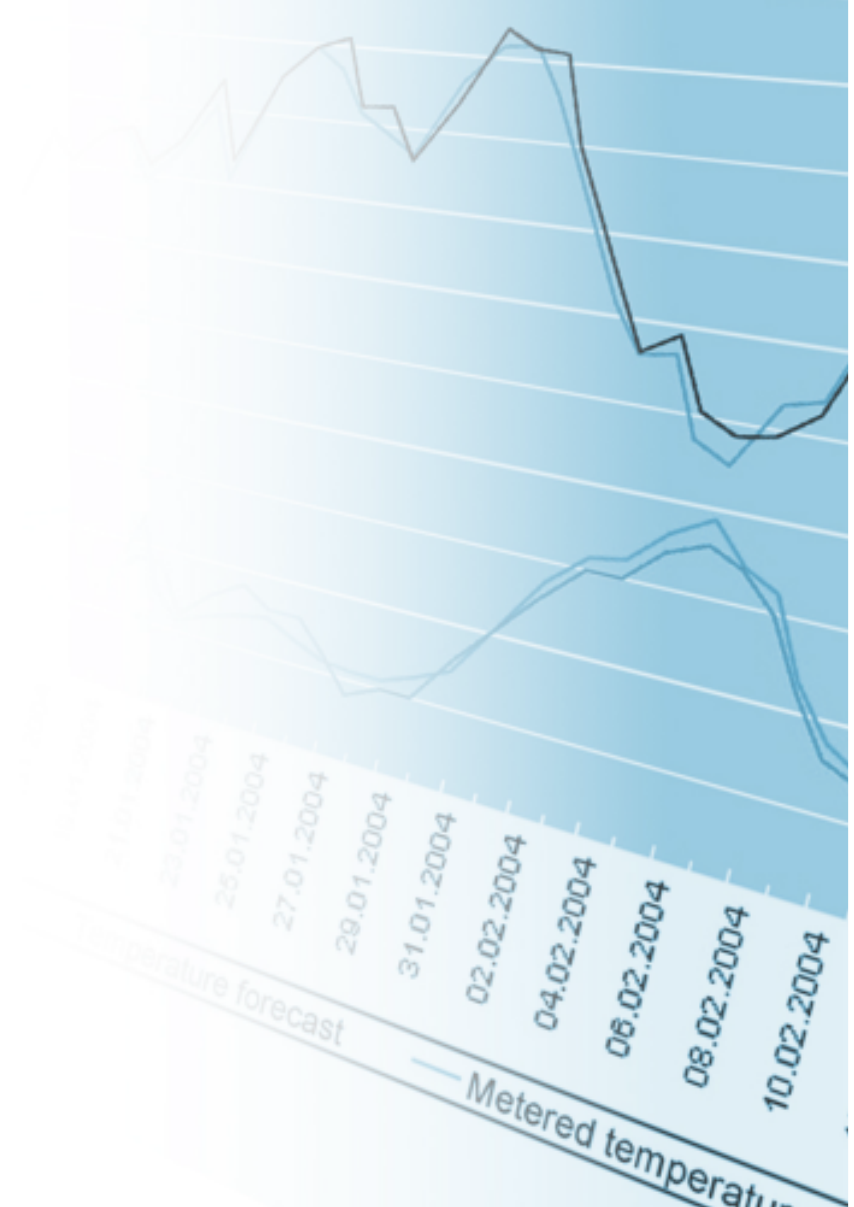
Case Study - Viavera



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- Background
- Requirements
- Solution
- Benefits



- viavera is an independent gas logistics service company, a subsidiary of RWE Energy / RWE Transportnetz GmbH Germany
- viavera provide services to manage the commercial interface between gas commodity players and network owners
- viavera have been operating in the German and European gas market since August 2002
- viavera provide operational handling of gas transportation as well as consulting services for third party access
- viavera provides logistic services to RWE Energy Netherlands (trade&retail)

The Dutch Market

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- 1 Transportation grid company: Gas Transport Services B.V.
- 15 Distribution grid companies
- Entry / Exit - model
- Hourly Balancing regime
- Virtual trading point TTF (Title Transfer Facility)
- Balancing of the shipper portfolios is performed on the GTS transport system



Viavera Requirements

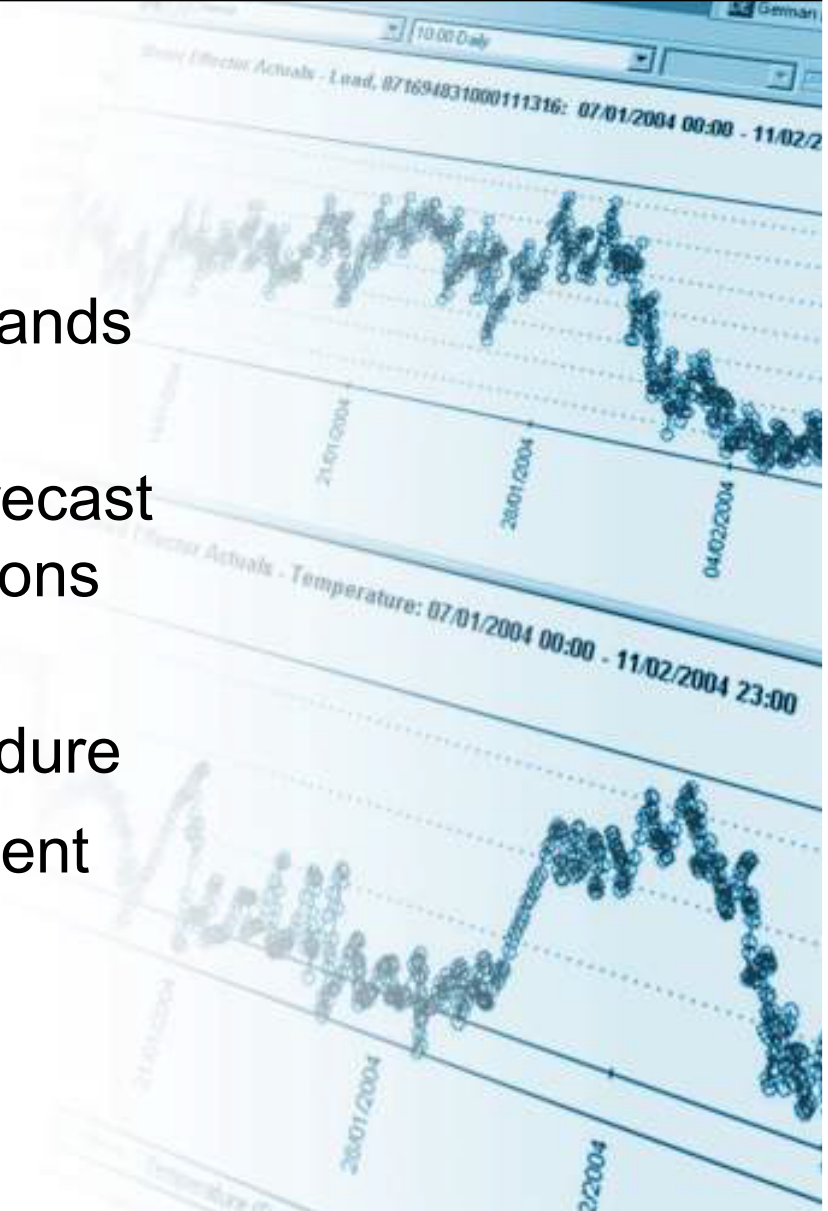


- Highly accurate demand forecasts
- Stand alone, easy to use solution
- Automation of key processes
- Speed and stability of the forecasting system
- Ability to extend and optimise the forecasting models
- Ability to easily update the system components
- Usability under Citrix-MetaFrame software (remote control via internet)
- Good support and troubleshooting

Advantica Solution

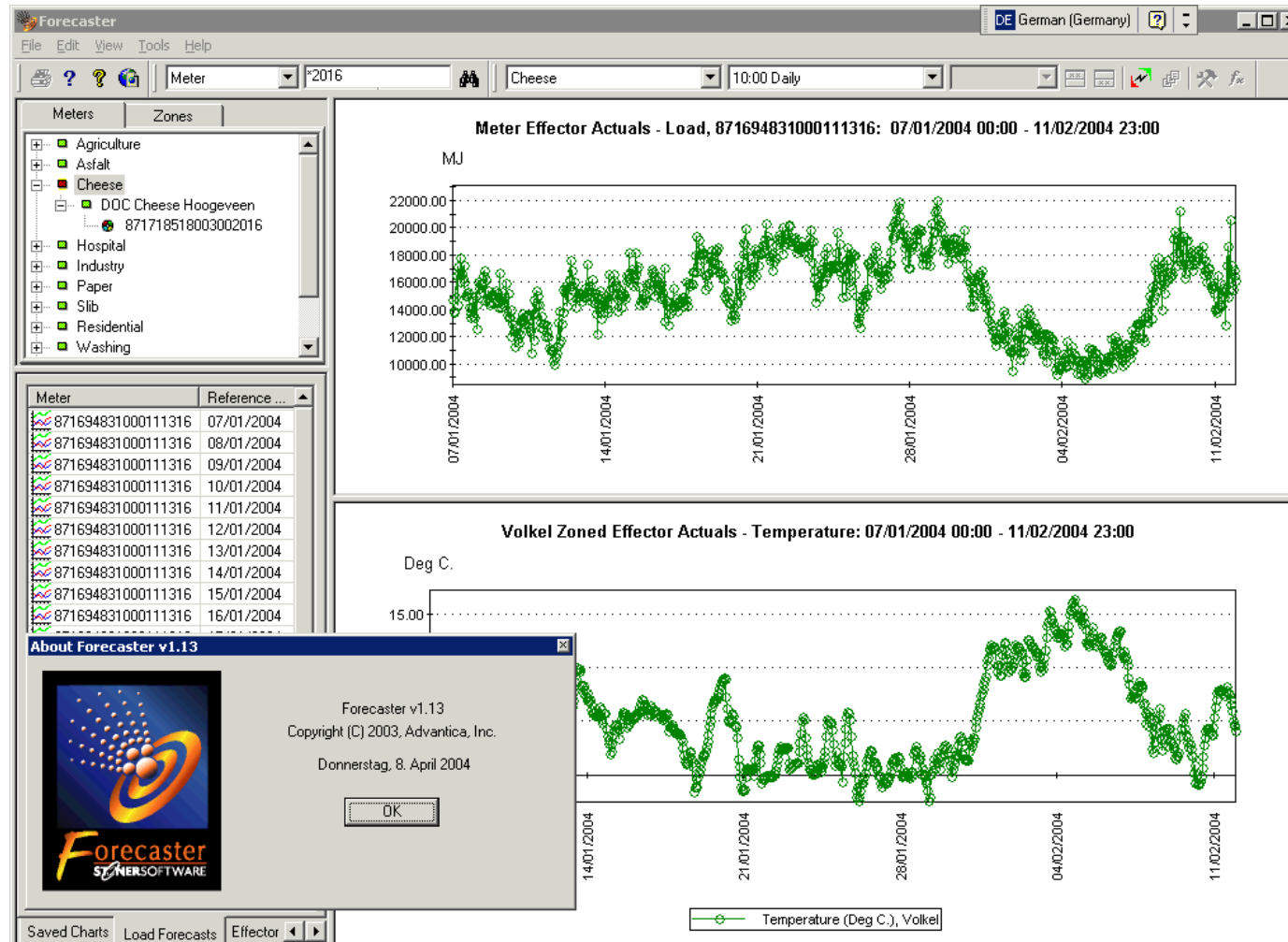
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- Provided a fully configured forecasting solution
- Classified and modelled all demands in customer portfolio
- A summary report describing forecast performance and recommendations for future improvements
- A bespoke data importing procedure
- Integration, testing and deployment of the solution

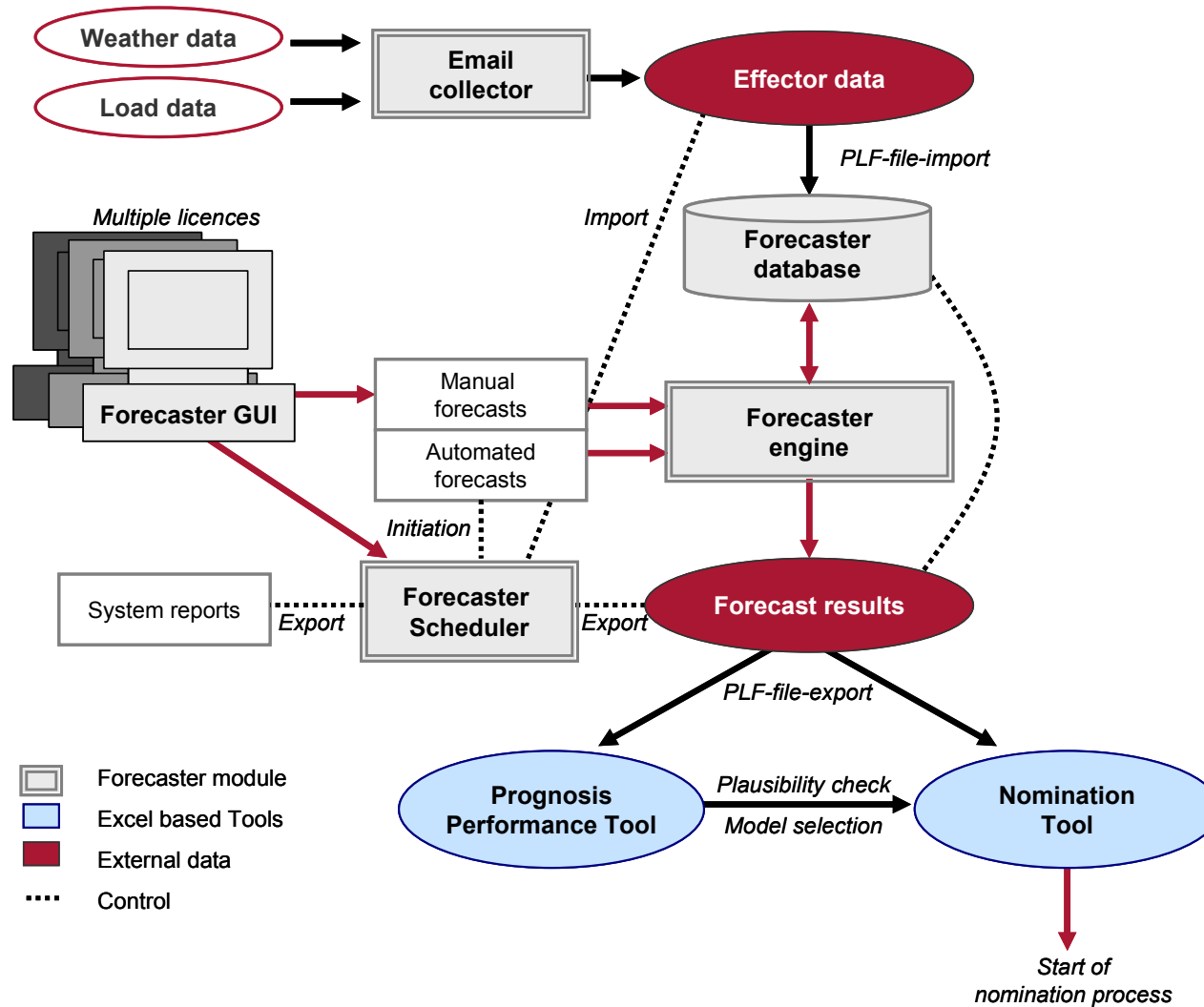


Forecaster

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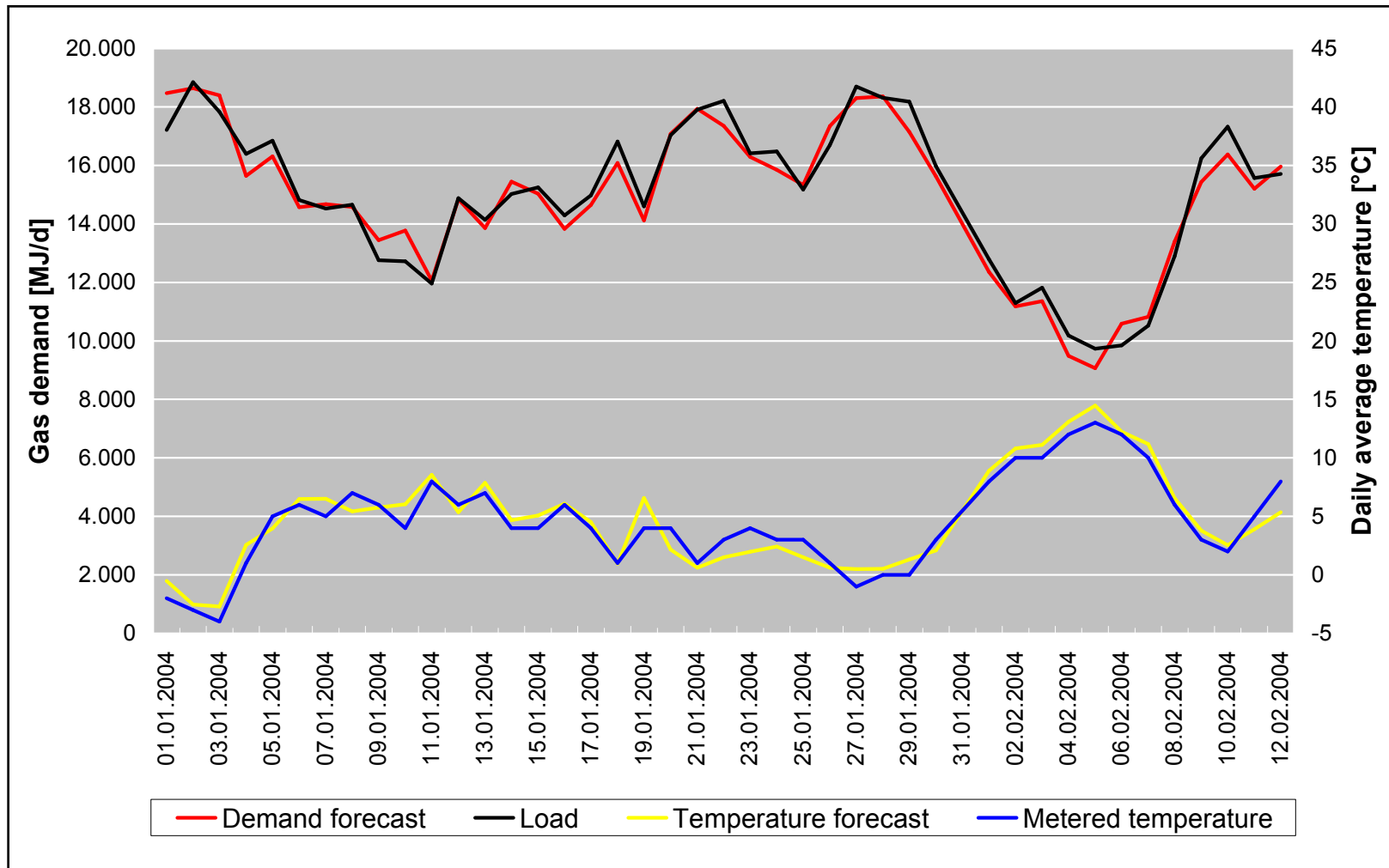


System Architecture



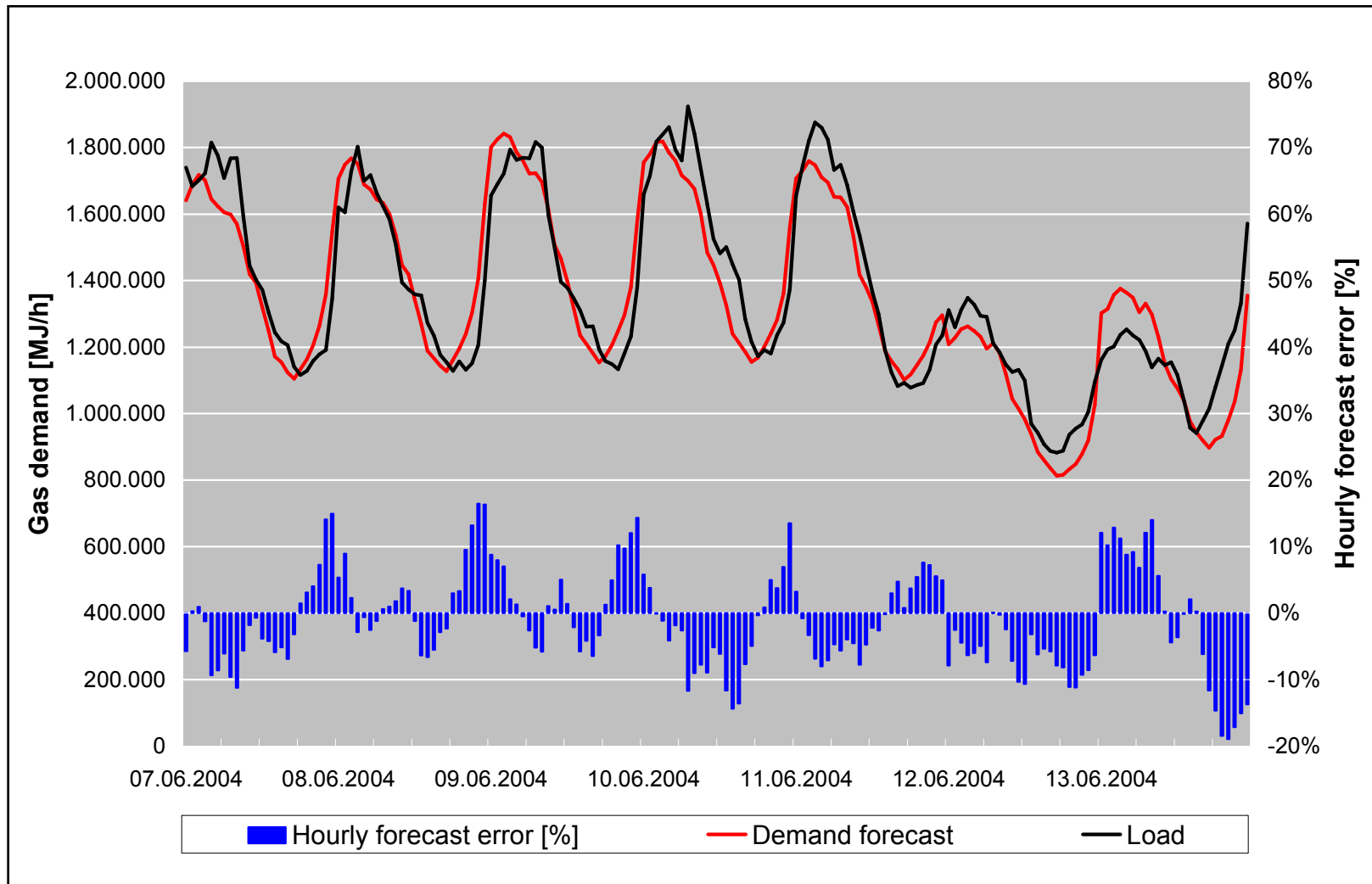
Example Industrial Forecast

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Hourly Portfolio Forecast

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- Increased efficiency through automation of key tasks
 - Data import/export
 - Scheduled forecasts
- Improved demand forecast accuracy
- Reduced business risk and efficiency

The Future

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- Enhanced training for viavera's forecasting team
- Introduction of hourly day ahead weather forecasts to improve hourly demand forecasts

