

DONG Commercial Dispatching



DONG Energy's business activities include the exploration, production, transport, storage, trade, LNG and sales of natural gas in Northwestern Europe. The Customers & Markets business unit is responsible for the secure transportation of gas from various sources including gas fields, preliminary suppliers or the end user. Their natural gas portfolio serves markets in Denmark, Sweden, Norway's North Sea area, Denmark's North Sea area, Great Britain, Holland, Belgium, Germany, France and Austria.

The new system ensures that the agreed volume of natural gas is transported from the best possible source to business partners within an agreed timeframe and according to contractual agreements and market regulations. Using the PSI solution, short-term traders organize and optimise the task of physical dispatching for a specified time period - from the current day to one week in

the future. The physical deliveries are planned and balanced according to the conditions specified for gas demand, production, transport capacity, physical deals and nominations from third parties. Every market area is balanced and optimised according to applicable rules. The nominations are triggered and the confirmations monitored for subsequent concrete processing. Finally, the allocations are received and processed.

PSI's standard products PSITransact, PSIcomcentre and PSIGasaf will be seamlessly integrated into the existing environment at DONG Energy for gas dispatching.

PSITransact is the core component of the solution. It manages all required objects such as contracts, capacities, shippers, points, balances and portfolios. It also enables monitors and controls all required processes. Modules for transport planning, accounting, nomination

management and allocation are also available. Together with a comprehensive workflow and calculation engine for process and regulation mapping, these modules will provide support for the market areas.

PSIcomcentre provides the necessary communication formats and transmission methods. Starting from an internal format, any number of configurable formats can be derived. Incoming and outgoing messages are monitored and displayed on efficient monitors. Complete integration ensures that communications processes are executed at a technical level and processed at a specialist level.

PSIgasaf provides all basic services required for the secure, flexible operation of the overall solution. These include service monitoring, user and authorisation administration, information display, event and alarm management, as well as calculation rules and the EXCEL interface.

A major increase in efficiency in handling business processes for short-term trading has been achieved by replacing the four existing systems and merging and expanding the range of functions using PSI's Gas Management Suite.

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