



MEGAL-MIDAL Project in Gernsheim

Purpose of the project

As a consequence of the construction of the Baltic Sea Pipeline (Nordstream) the transport routes of Russian natural gas to Western Europe have been changing. In order to optimally use the German export point Medelsheim at the MEGAL in the direction of France within this new routes, GRTgaz Deutschland GmbH and GASCADE Transport GmbH are jointly establishing a new network interconnection point between the existing pipelines MEGAL and Central German Connection Pipeline (MIDAL) in Gernsheim. This new point will also be a new market area interconnection point between Net Connect Germany (NCG) and GASPOOL.

The new bookable point, by which the transport capacity between the two market areas will be increased, will contribute to the diversification of gas supply in Europe and, therefore, to the security of supply.

By January 1, 2014, a firm rebookable capacity amounting to 4.4 GWh/h is planned to be available from MIDAL into MEGAL (which means Entry NCG in competition with the other GRTgaz Deutschland entry points within NCG). The new installation has been designed to provide a reversible flow. Nevertheless, a physical flow from NCG to Gaspool cannot be permanently guaranteed depending on the flow dynamics “ of the upstream and downstream systems.

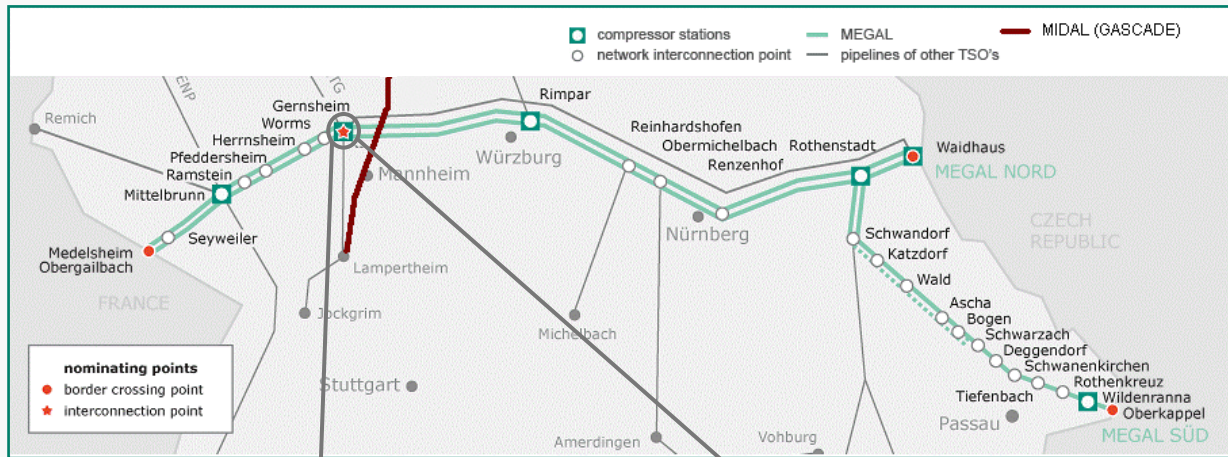
Project description

The existing MEGAL Gernsheim compressor station has been in operation since 2009 with 4 turbine driven compressors for a total power of more than 50 MW ISO. Until now, the Gernsheim location has been an important interconnection point within the NCG Area. By using the synergies from existing installations, GRTgaz Deutschland has provided its shippers with a flexible and optimised solution.

Mittel-Europäische Gasleitungsgesellschaft mbH & Co. KG (MEGAL) is building on behalf of GRTgaz Deutschland on the North-Eastern side of the existing station a new 8 MW gas driven compressor, a new measuring and pressure regulating station as well as ancillary buildings.

The projects includes the construction by GASCADE of a new terminal and pigging station and a DN 500, DP 100 gas transmission pipeline with a length of approx. 16 km from the tie-in point on the MIDAL at Herchenrode to the connection point at the Gernsheim compressor station.

Localisation



Milestones

December 2011	Order of the new unit	Completed
April 2012	Start of the administrative enquiry	Completed
August 2012	Start of construction works	On schedule
April 2013	Delivery of the new unit	On schedule
January 2014	Connection in operation	On schedule

Simplified sketch of the Gernsheim compressor station

