



Minimum transparency requirements for EU natural gas transmission systems

All internal gas market stakeholders agree that transparency underpins the development of effective, efficient and integrated markets. To improve the current patchy level of transparency it is necessary to address the gaps and lack of detail that currently exists, by providing an improved, uniform level of information provision across all EU networks.

At the last Madrid Forum the key EU energy trade associations were asked to develop a common position on minimum transparency requirements for gas for European natural gas transmission systems.

This work has been completed and will be presented to the Madrid Forum. It is currently supported by:

- EFET
- OGP
- Eurelectric
- Eurogas
- GEODE
- CEDEC

The minimum requirements clearly set out the key natural gas transmission system information needed by market participants (including the frequency of provision) on:

- gas capacity
- gas flows
- gas quality
- balancing and linepack

To assist TSOs to provide this information, the European Commission, ERGEG and gas market participants should continue to work to develop the guidelines necessary to ensure there is sufficient and equal transparency across the whole of the EU gas market.

Minimum transparency requirements

General requirements
Non-discriminatory access at no additional cost to everyone
Access from the internet in raw data format (not graphs or analysed information)*
Published in national language and English
Publication in consistent units of Energy (MWh)
Gas quality
Full specification of Gas Quality Parameters needed for allocation purposes and justification
Procedures used for dealing with off-specification gas and any conversion costs
Daily actual measured values of Gas Quality Parameters - ex post, D+3
Transmission capacity
Daily Maximum Technically Available Capacity - real time if changes occur
Daily Commercially Available Capacity - real time if changes occur
Daily Booked Capacity - real time if changes occur**
Agreed Baseline Capacity (minimum amount of firm capacity TSO will offer to the market) - real time if changes occur
Daily Maintenance Schedules and Planned Outage Periods as soon as planned
Criteria/basis for declaration of Supply Emergency
Procedures to be followed once Supply Emergency is declared
Web-based Booking and Nomination System - on a secure website
Gas Flow
Daily prompt allocation information, ex post D+1 (including clearly identified flow direction)
Daily Flows and Interruptions to those Flows, ex post D+1 (including clearly identified flow direction)**
Restoration of gas flows following interruption (including clearly identified flow direction) - real time following restoration
Historic Daily Flows and Interruptions to those Flows (including clearly identified flow direction) for rolling 5 year period
Daily aggregate day-ahead nominations for first gate closure - 30 minutes after gate closes **
Balancing and related
Calculation method for Imbalance Quantities and related charges
Imbalance Charges per balancing period - real time
Imbalance Volume and Cost per individual shipper (on a confidential basis) for each balancing period - preliminary data Month +1, final data Month +3
Daily Forecast Aggregate Linepack for the end of the next gas day - ex ante, D-1
Daily Actual Aggregate Linepack at the end of each gas day - real time if changes occur
Historic Aggregate Linepack at the end of each gas day for rolling 5 year period
Daily aggregate demand forecast for each balancing zone - ex ante D-1 at 8 a.m.
Details on TSO balancing actions including nature (e.g. in balancing market or other sources); timing; amount of gas bought/sold and cost of action - ex post, D+1
Seasonal outlook report
Report outlining supply-demand balance and security of supply prospects and impact of major infrastructure projects on level and pattern of gas flows - including underlying assumptions used and to a common standard across TSOs

Notes:

- (1) Information specified represents the minimum level that all TSOs must provide. Additional information and/or more frequent provision should be provided commensurate with requirements placed on users and/or underlying market arrangements.
 - (2) All data to be provided at least for all "Relevant Points" (entry and exit) as defined in Annex 3, paragraph 3.2 of Regulation 1775/2005 on conditions for access to the natural gas transmission networks.
 - (3) All information to be published by the TSO. In the event that a TSO does not have access to specified information, arrangements must be put in place with the data holder to ensure the TSO can publish the information consistent with the minimum requirements.
- * Graphs and analysed information can also be provided but only in addition to raw data
 ** There may be a need to treat "single use points" differently depending on the definition of relevant points

Key

Data that will need to be updated regularly - frequency is indicated

Information that will not be needed to be updated frequently - e.g. unless rules change