

Information Provision Consultation Responses

Transmission Workgroup 7th July 2016

Gas quality information

- Usefulness rated 2-3 (1 being not useful at all and 10 being very useful).
 - Due to poor layout of NG website leading to inability to find what you need quickly.
 - Mainly use own data rather than historical data on MIPI
 - Accessibility rated 6 (1 being not useful at all and 10 being very useful).
- No indication of what the currently provided gas quality data is used for – doesn't necessarily mean data is not used.
 - One respondent stated they may need to look at historical gas composition around 2 or 3 times per year but mainly use own data rather than look at historic data on MIPI.
 - One respondent said they use the data that sits behind these reports which is accessed through "Data Item Explorer".
 - Encourage current accuracy and frequency of data is maintained.

Gas quality information cont.

- Respondents would like to do the following, which they can't currently do;
 - Assess changes in gas quality at gas generating offtake points in real time and anticipate future changes
 - Analyse within day historical gas quality variations at entry points
 - Understand the impact on gas quality of changing sources of gas including LNG and unconventional sources
 - Have a greater understanding of the gas composition at NTS entry and exit points in order to assess the impact on plant and equipment of fluctuating gas quality
- Information which would enable this is;
 - Real time gas quality information as being delivered to the NTS
 - All gas quality related data should be stored and made available to download in a user friendly format
 - Appropriate measurement equipment should be fitted to get live data in order to tune combustion – getting average daily data or predictions of the next days data is no use
 - Benefits
 - Real time gas quality information could enable operators to take mitigating action to avoid / reduce impacts on combustion dynamics and reduce risk of plant trips

Balancing related information

- Usefulness rated 8.5 (1 being not useful at all and 10 being very useful).
 - Generally data seen as good quality and happy with the detailed information particularly when compared to equivalent continental data.
 - Occasional inconsistencies in published data
 - Improvements to data validation prior to publication – which would help resolve inconsistencies
 - Need to provide details of assumptions more clearly
 - Accessibility rated 8 - 9 (1 being not useful at all and 10 being very useful).
 - Operational data laid out well and easy to navigate
 - One respondent uses a third party to provide balancing reports and believe this emphasises the need for NG to improve the user-friendliness of the accessibility of the reports
- Use of the balancing information
 - Feed the underlying data into internal trading systems. Published reports complement the output from these systems and support short-term trading decisions

Balancing related information cont.

- Respondents would like to do the following with the data provided which they can't currently;
 - have more confidence in the information to support operational decisions.
 - Improved timeliness would also be helpful
- Information which would enable this;
 - Improved promptness of provision of nomination data and consistency with linepack data. Differences between apparently similar data need to be articulated
 - Publication of hourly data is done consistently (e.g. linepack, flow updates), including time of publication
 - Greater data validation to ensure consistencies between reports purportedly showing the same data
- Benefits:
 - Overall market efficiency could improve of trading and balancing decisions.
 - Publication of real-time demand data to facilitate additional reporting and analysis, publication of live system marginal prices

Cost benefit approach

- Respondent's comments on the cost benefit approach:
 - Agree with the cost benefit approach with respect to balancing related information.
 - The Interoperability Code for gas quality related information does not require a cost benefit analysis and does not envisage TSO's incurring costs to install additional measurement or forecasting equipment unless required by NRA. The NRA may wish to undertake a cost benefit analysis.
 - Benefits can be hard to quantify and those which cannot be readily quantified should also be taken into account (e.g. transparency and SoS)
 - Agree there needs to be some way of assessing costs and benefits
 - Mechanisms under which the costs of providing additional information will be recovered needs to be considered - socializing may not be appropriate.
 - Cost benefit approach meets the Balancing Code to an extent but does not set out how this analysis will improve the accuracy of the information provided.

Next Steps

- Split down this feedback into 5 main areas;
 - Layout of NG website to help accessibility
 - Provision of stored gas quality data
 - Real time gas quality data
 - Inconsistencies in data
 - Publication of real time demand data
- We will investigate these areas and understand what we can do, taking into consideration other system delivery projects ongoing
- We will report back to Transmission Workgroup in the Autumn