

Implementation of the Gas Control Suite (GCS)



GCS implementation issues

- The following slides have been taken from the NTS update at the Gas Operations Forum held in September
- A more detailed set of slides are on the National Grid website titled “Implementation of the Gas Control Suite” and can be reached via the link below:

<http://www2.nationalgrid.com/UK/Industry-information/Gas-transmission-system-operations/Gas-operational-forum/>

GCS implementation issues

- Unable to complete normal after day processes to provide verified measurement and CV data to Gemini on 30 and 31 July during GCS cutover
- Measurement and CV data which had been verified as correct in Gemini for gas days 25 to 29 July before cutover was overwritten
- Some incorrect data items were passed to Gemini
- Unable to amend all items of incorrect data during Exit Closeout period during initial days of GCS operation

Principal impacts on shippers

- Incorrect allocation and demand attribution data remained in Gemini at Exit Closeout
- Some shippers received negative NDM allocations for Scotland and South East LDZs for gas days 27 and 28 July
- Some incorrect daily CV data, used for customer billing purposes, provided
- Incorrect allocations will have impacted some individual imbalance positions

Initial actions to address issues

- Worked closely with GCS project team and Gemini Application Support to identify and resolve key defects
- Introduced additional checks into after day processes
- Set up dedicated team to validate all data in GCS, Gemini and MIPI from 25 July
- Prompt reconciliation of high magnitude measurement errors affecting shipper NDM allocations on 27 July
- Measurement errors for LDZ offtakes were processed using the standard RbD process
- Worked closely with Xoserve to provide additional information to shippers to accompany July Commodity and Reconciliation invoices

Processing of reconciliations

NTS Inputs Points	NTS VLDMCs/ Industrials	NTS/LDZ Offtakes	LDZ VLDMCs/ Industrials	LDZ Bio-methane sites	Billing CV Changes
No reconciliation (amendment up to M+15)	Correct measurements agreed with impacted shipper(s)	Reconciliation by Difference process	Reconciliations processed by Xoserve on behalf of Gas Distribution Networks		Revised CVs notified directly to shippers, Xoserve and Ofgem
Reconciliation quantities notified to shippers via monthly Reconciliation and Energy Balancing invoices					

- Reconciliations are expected to be processed over next 3 months
- Need to confirm correct measurements with shippers/operators

Ongoing actions to address issues

- Maintaining additional checks to ensure the best available data is published in Gemini within Exit Closeout
- Completing validation of all data in GCS, Gemini and MIPI from 25 July to at least 21 August
- Processing reconciliations of identified measurement errors using the standard processes
- Continuing to confirm calculations of billing CVs and notify shippers of any amended values using the standard procedures

Ongoing actions to address issues

- One potential impact identified is that shipper imbalances are cashed out at SMP whereas RbD reconciliation quantities are reconciled at SAP
- Some shippers may incur additional costs from the SMP/SAP difference, some shippers may benefit, with net cost passing to neutrality
- Individual shipper exposure will be further adjusted via neutrality redistribution of this net cost
- Currently working with Xoserve to investigate if we can identify which shippers have been impacted
- Please liaise with your normal contacts within National Grid or Xoserve to discuss any further concerns regarding reconciliation issues