



DAWG meeting 9
25 November 2015

Agenda

1. D+1 funding agreement
 2. Business rules
 - What if some gate injection data are missing?
 - ToU switching
 3. Gas Industry Exchange Protocol (GIEP) process to send and receive data
 4. Business Day timeline
 5. D+1 model audits
 6. D+1 participation agreement
 7. Other issues?
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Missing gate injection data

Vector metering:

- Has a process for identifying and correcting missing data
- Produces estimates where needed

So missing data would be unusual on a Business Day

But what if it happens?

Incomplete gas gate injection data

Options:

1. No D+1 for that day
 2. No D+1 for that pool for that day
(what are the implications for Vector's BPP calculations?)
 3. Missing data ignored if minimal; D+1 still produced
(what would be the rule for "minimal"?)
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ToU switching

Reminder: the D+1 model uses information in the gas registry to allocate gas volumes:

- The responsible retailer shown for a ToU customer is allocated that customer's volume
- The market share of mass market customers is an input into the allocation of residual volumes

If a ToU switch has occurred that is not yet in the registry, retailers can notify GIC of the switch no later than 2 Business Days before the switch is to take effect. The email must show the agreement of both the gaining and losing retailer.

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GIEP process: sending and receiving data

- GIEP is more reliable and more secure than email
- Using sftp as the sole means of sending and receiving data will make the D+1 model more resilient and secure
- Registry participants already have an account
 - and the result files are already being sent to your GIEPin folder



gasregistry - sftp://gasGICX01@sftp.gasregistry.co.nz - FileZilla

File Edit View Transfer Server Bookmarks Help

Host: Username: Password: Port: Quickconnect

Status: Connected to sftp.gasregistry.co.nz
Status: Retrieving directory listing...
Status: Listing directory /
Status: Directory listing of "/" successful

Local site: Remote site: /

Filename Filesize Filetype Last modified Permissio... Owner/G...




..	GIEPin	File folder	9/01/2015 4:20:36 p.m.	drwxr-xr-x	cnw\gasg...
VCTX_G	GIEPout	File folder	9/01/2015 4:20:19 p.m.	drwxr-xr-x	cnw\gasg...
NGCM_C	processed	File folder	17/04/2014 3:38:44 p.m.	drwxr-xr-x	cnw\gasg...
GICX_G	reject	File folder	17/04/2014 3:38:37 p.m.	drwxr-xr-x	cnw\gasg...
GICX_G	fromreg	File folder	17/04/2014 3:38:30 p.m.	drwxr-xr-x	cnw\gasg...
GICX_G	toreg	File folder	17/04/2014 3:38:25 p.m.	drwxr-xr-x	cnw\gasg...
LIS2015					
RSICPAT					
RSICPAT					

Local site: \	Remote site: /GIEPin						
	<div> <div>/</div> <ul style="list-style-type: none"> fromreg GIEPin GIEPout processed </div>						
Filename	Filename	Filesize	Filetype	Last modified	Permissio...	Owner/G...	
..	GICX_G_GNGC_DP1SUMM_201511_20151124_1430.confirm	327	CONFIR...	24/11/2015 2:52:50 p.m.	-rw-r--r--	cnw\gasg...	
VCTX_G_	GICX_G_GNGC_DP1SUMM_201511_20151124_1430.ake	283	AKE File	24/11/2015 2:52:50 p.m.	-rw-r--r--	cnw\gasg...	
NGCM_C	GICX_G_GNGC_DP1GATE_201511_20151124_1430.confirm	328	CONFIR...	24/11/2015 2:52:50 p.m.	-rw-r--r--	cnw\gasg...	
GICX_G_	GICX_G_GNGC_DP1GATE_201511_20151124_1430.ake	284	AKE File	24/11/2015 2:52:50 p.m.	-rw-r--r--	cnw\gasg...	
GICX_G_	GICX_G_GNGC_DP1DETA_201511_20151124_1430.confirm	329	CONFIR...	24/11/2015 2:52:50 p.m.	-rw-r--r--	cnw\gasg...	
GICX_G_	GICX_G_GNGC_DP1DETA_201511_20151124_1430.ake	285	AKE File	24/11/2015 2:52:50 p.m.	-rw-r--r--	cnw\gasg...	
LIS2015	GICX_G_GICX_DP1DETA_201511_20151124_1430.ake	286	AKE File	24/11/2015 2:52:50 p.m.	-rw-r--r--	cnw\gasg...	
RSICPAT	GICX_G_SULG_DP1SUMM_201511_20151124_1430.confirm	337	CONFIR...	24/11/2015 2:52:49 p.m.	-rw-r--r--	cnw\gasg...	
RSICPAT	GICX_G_SULG_DP1SUMM_201511_20151124_1430.ake	293	AKE File	24/11/2015 2:52:49 p.m.	-rw-r--r--	cnw\gasg...	
SWLEN2	GICX_G_SULG_DP1GATE_201511_20151124_1430.confirm	337	CONFIR...	24/11/2015 2:52:49 p.m.	-rw-r--r--	cnw\gasg...	
LIS2015	GICX_G_SULG_DP1GATE_201511_20151124_1430.ake	293	AKE File	24/11/2015 2:52:49 p.m.	-rw-r--r--	cnw\gasg...	
RSICPAT	GICX_G_SULG_DP1DETA_201511_20151124_1430.ake	293	AKE File	24/11/2015 2:52:49 p.m.	-rw-r--r--	cnw\gasg...	
RSICPAT	GICX_G_GICX_DP1SUMM_201511_20151124_1430.csv.001	39,091	001 File	24/11/2015 2:52:47 p.m.	-rw-r--r--	cnw\gasg...	
LIS2015	GICX_G_GICX_DP1GATE_201511_20151124_1430.confirm	330	CONFIR...	24/11/2015 2:52:47 p.m.	-rw-r--r--	cnw\gasg...	
RSICPAT	GICX_G_GICX_DP1DETA_201511_20151124_1430.csv.001	598,1...	001 File	24/11/2015 2:52:47 p.m.	-rw-r--r--	cnw\gasg...	
RSICPAT	GICX_G_GICX_DP1GATE_201511_20151124_1430.ake	286	AKE File	24/11/2015 2:52:46 p.m.	-rw-r--r--	cnw\gasg...	
LIS2015	GICX_G_GICX_DP1GATE_201511_20151124_1430.csv	558,0...	Microsoft...	24/11/2015 2:52:43 p.m.	-rw-r--r--	cnw\gasg...	
RSICPAT	GICX_G_GICX_DP1DETA_201511_20151124_1430.csv	598,1...	Microsoft...	24/11/2015 2:52:42 p.m.	-rw-r--r--	cnw\gasg...	
RSICPAT	GICX_G_GICX_DP1SUMM_201511_20151124_1430.csv	39,091	Microsoft...	24/11/2015 2:52:41 p.m.	-rw-r--r--	cnw\gasg...	
RSGTNFA	VCTX_G_GICX_DMETVAL_201511_20151124_1406.zip	85,267	Compres...	24/11/2015 1:06:03 p.m.	-rw-r--r--	cnw\gasg...	
LIS2015	NGCM_G_GICX_DMETVAL_201511_20151124_1405.zip	78,115	Compres...	24/11/2015 1:05:02 p.m.	-rw-r--r--	cnw\gasg...	
RSICPAT	GICX_G_VCTX_DP1GATE_201511_20151124_1204.confirm	333	CONFIR...	24/11/2015 12:26:32 p.m.	-rw-r--r--	cnw\gasg...	
	GICX_G_VCTX_DP1GATE_201511_20151124_1204.ake	280	AKE File	24/11/2015 12:26:32 p.m.	-rw-r--r--	cnw\gasg...	

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Business day timeline

	9	10	11	12	13	14	15	16	17	18
ID2 nominations										
Initial D+1 run										
Receive ToU data										
Receive validated gate injections										
ID3 nominations										
Afternoon D+1 run										
Vector estimates missing data and determines BD/non-BD										
Vector provides running mismatch										
ID4 nominations										

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Audits

- Peer review of model operation
 - incl. code-checking
 - Continuous process improvements since July in response to stakeholder feedback
 - Process audit scheduled for early New Year
 - Review of statistical modelling
 - NZIER scheduled to commence December
 - Dovetails with sense-checking to date
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