

Operational Information Flows

A note by NGT for the DISG

Background

At the DISG meeting on 4th May NGT was asked to provide further detail of the operational information flows between NTS and DNs via the DN control centres.

Operational Information Flows

The attachment to this note reviews the operational information flows in the context of four distinct timescales:

- Planning activities, which take place in various timeframes, all well ahead of the gas flow day
- Daily operations, relating to operations in respect of a particular gas flow day
- After the day information transfers, which take place immediately following a particular gas flow day and relate to the daily commercial position under the Uniform Network Code
- Reporting activities which take place well after the gas flow day

Two types of information flows are addressed:

- Flows between the DN (or DN control centre) and the NTS (these are set out in the Offtake Code and associated operational procedures).
- Flows between the DN and the DN control centre (initially these will be under the SOMSA and associated operational procedures)

The information flows set out in the attachment are based on NGT's Offtake Code proposals for the period immediately following completion of DN sale and reflect the current exit/ interruption and balancing regimes.

Operational Information Flows

Planning Activities	Description	Parties involved	Frequency	Documentation
	Connection facilities description and capability	NTS and DN	Updated as necessary	Offtake Code section 2 and associated annexes
	Emergency planning and procedures	NTS and DN	Updated as necessary	Offtake Code section 3. Emergency procedures E1, E2 and E3
	Measurement equipment description and capability	NTS and DN	Updated as necessary	Offtake Code section 4 and associated annex
	Telemetry equipment description and capability	NTS and DN	Updated as necessary	Offtake Code section 5 and associated annex
	Maintenance planning	NTS and DN	Rolling plan, 2 years out, updated as necessary	Offtake Code section 7
	Offtake Rights Planning	NTS and DN	Rolling plan, 5 years out, updated quarterly	Offtake Code section 8 and associated annexes
	DN equipment description at remotely controlled/ monitored sites	DN and DN control centre	Updated as necessary	SOMSA
	Operational and maintenance planning within the DN	DN and DN control centre	Winter and summer operations plans established by 1 October and 1 April respectively, and updated as necessary	SOMSA

Daily Operations	Description	Parties	Frequency	Documentation
	Operations plan for DN <ul style="list-style-type: none"> Operational/ equipment maintenance or tests Plant/ equipment constraints LDZ transfer volumes 	DN and DN control centre	Daily	SOMSA and Safe Control of Operations (SCO) procedures
	Operations plan for NTS <ul style="list-style-type: none"> Operational/ equipment maintenance or tests Plant/ equipment constraints 	NTS to DN control centre	Daily	Offtake Code section 7 and Safe Control of Operations (SCO) procedures
	Intended operational flows between NTS and DN (Offtake Profile Notices)	DN control centre to NTS	Daily, updated as necessary	Offtake Code section 9
	NTS requests for changes to Offtake Profile Notices	NTS to DN control centre	As necessary	Offtake Code section 9
	Demand forecasts for DN	DN control centre to NTS	Forecasts generated at times specified in Network Code	Offtake Code section 13
	Telemetered information from NTS/ DN Offtake sites	DN to NTS	Continuous	Offtake Code section 5 and associated annex
	Shipper initiated interruption volumes (sites within DN)	NTS to DN control centre	As necessary	[Offtake Code]
	NTS initiated interruption (sites within DN)	NTS to DN control centre	As necessary	Offtake Code section 9
	DN initiated interruption (sites within DN)	DN control centre to NTS	As necessary	Offtake Code section 9
	Telemetered information from remotely controlled/ monitored DN sites	DN to DN control centre	Continuous	SOMSA
	Gas supply emergency	NTS and DN control centre	As necessary	Offtake Code section 3 and Gas Supply Emergency Procedures E1, E2 and E3
	Call out and fault notification	DN control centre to DN	As necessary	SOMSA
	DN contingency and emergency <ul style="list-style-type: none"> Telemetry or control system failure Gas supply emergency 	DN control centre and DN	As necessary	SOMSA

	Description	Parties	Frequency	Documentation
After the day information transfers	Volume and energy flows, CV measurements associated with: <ul style="list-style-type: none"> ▪ Embedded LDZ entry points ▪ Large LDZ exit points ▪ LDZ stock changes ▪ [datalogger reads] 	DN to NTS	Daily	Offtake Code section 16
	Daily CVs for each charging area	NTS to DN	Daily	Offtake Code section 6
Reporting	DN daily operation reports <ul style="list-style-type: none"> ▪ fault report ▪ gas transportation report (throughput, demand forecasts, interruption) 	DN control centre to DN	Daily	SOMSA
	Monthly SOMSA reports	DN control centre to DN	Monthly	SOMSA
	Annual SOMSA report	DN control centre to DN	Annual	SOMSA