## Annex 5 – TSO websites links

TSO: Interconnector (UK) Limited		
Data Type	Link	Date to be published
(C1) Max technical capacity	http://www.interconnector.com/Commercial/primarycap.htm	Published
(C2) Probability of interruption	Planned maintenance information: <a href="http://www.interconnector.com/onlineservices/shutdowndates.htm">http://www.interconnector.com/onlineservices/shutdowndates.htm</a> Unplanned interruption information (press and news updates): <a href="http://www.interconnector.com/mediacentre/pressreleases.htm">http://www.interconnector.com/mediacentre/pressreleases.htm</a> <a href="http://www.interconnector.com/index.html">http://www.interconnector.com/index.html</a> *Have not had unplanned interruption since 2005	Published
(C3) Daily commercial firm and interruptible capacity	http://www.interconnector.com/Commercial/primarycap.htm The footnote provides an indication of the interruptible capacity that will likely be available on any given day. As interruptible capacity is typically sold on a day ahead basis, dynamic information regarding the availability of interruptible capacity is provided via ISIS: http://www.interconnector.com/faqs.htm	Published
(F1) Daily flow/aggregated information	http://www.interconnector.com/iuk/onlinepage	Published
(F3) Daily aggregate day ahead nominations	http://www.interconnector.com/iuk/onlinepage	Published
(F4) Historic gas flow database	http://www.interconnector.com/onlineservices/historicflows.htm	Published

TSO: Nationa	TSO: National Grid		
Data Type	Link	Date to be published	
(C1) Max technical capacity	http://www.nationalgrid.com/uk/Gas/TYS/ Click on "Ten Year Statement 2007 Charts" and then "Download the article here" Information on peak forecasts for entry exit point is available in "annex 2" of the spreadsheet (via "menu" tab)  http://www.nationalgrid.com/NR/rdonlyres/ABA258D7-17D2-4357-BCF7-C9C492201806/22104/TYS 2007Charts.xls  Or  http://www.nationalgrid.com/uk/gas/data/cmr  Click on "Long Term Entry Capacity Summary Report - Download excel spreadsheet"  http://www.nationalgrid.com/NR/rdonlyres/4A5BC67E-65A1-4EC8-BFB8- BCCCBABE5131/26740/AggregatecapacitySoldbyASEP_summary0107_08.xls	Published	
(C2) Probability of interruption	http://www.nationalgrid.com/NR/rdonlyres/4DD86869-3D51-42F2-9905-A35D4452AE0E/18874/Summer2007FinalMaintenanceProgrammeV43rdAug2007.pdf  http://www.nationalgrid.com/NR/rdonlyres/A7CD68A5-DBB0-4822-ABF5-0EEFCDAC7C4C/20423/SummerMaintenance2008SeptemberUpdate.pdf  http://www.nationalgrid.com/uk/Gas/Data/EDR/After/NTSEntr	Published	

	<u>yEndofDayFlow.htm</u>	
(C3) Daily	http://www.nationalgrid.com/uk/gas/Data/CMR	
commercial firm		
and	http://www.nationalgrid.com/uk/Gas/Data/CDR/	Published
interruptible		
capacity	http://www.nationalgrid.com/uk/Gas/Data/capacitys/	
(F1) Daily	http://www.nationalgrid.com/uk/Gas/Data/EFD/	
flow/aggregated		
information	http://www.nationalgrid.com/uk/Gas/Data/EDR/After/NTSEntryEndofDay	Published
	Flow.htm	i ublistieu
	http://www.nationalgrid.com/uk/Gas/Data/CDR/After/CONH.htm	
(F3) Daily		
aggregate day		December 2008
ahead		December 2000
nominations		
(F4) Historic	http://www.nationalgrid.com/uk/Gas/Data/misc/	_
gas flow		Published
database	http://www.nationalgrid.com/uk/Gas/Data/EDR/After/NTSEntryEndofDay	Fubilistieu
	<u>Flow.htm</u>	

TSO: Energinet.dk		
Data Type	Link	Date to be published
(C1) Max technical capacity	https://selvbetjening.energinet.dk/en/menu/Frontpage.htm	Published
(C2) Probability of interruption	The probability of being interrupted is reflected in the tariff. There are two levels of interruptible capacity. This means that the price reflects the general risk:  http://www.energinet.dk/en/menu/Market/Tariffs+and+prices/Gas+- +Transmission+tariffs/Gas+-+Interruptible+tariffs/Interruptible+tariffs.htm  How much interruptible capacity there has been booked, and the gas flow per day from the previous month (this will be updated with d-1 data in early 2009) are also published, giving the shippers a good idea of the chance of interruption. See also: https://selvbetjening.energinet.dk/en/menu/PublicData/HistoricalFutureCapacity/HistoricalFutureCapacity.htm; and, http://www.energinet.dk/en/menu/Market/Gas+market+reports/Gas+market+report.htm	Published
(C3) Daily commercial firm and interruptible capacity	https://selvbetjening.energinet.dk/en/menu/Frontpage.htm	Published
(F1) Daily flow/aggregated information	See (C2)	December 2008
(F3) Daily aggregate day ahead nominations		2009
(F4) Historic gas flow database	http://www.energinet.dk/en/menu/Market/Trading/Gas+- Transmission+capacity/Gas+-+Transmission+capacity.htm	Published

TSO: Dong Energy Pipelines		
Data Type	Link	Date to be published
(C1) Max	http://www.dongenergy-	Published

technical	pipelines.de/en/capacities/Pages/Free%20capacities.aspx	
capacity	http://www.dongenergy-	
	pipelines.de/SiteCollectionDocuments/PDF_filer/Overview_Capacities.p	
	df	
(C2) Probability	http://www.dongenergy-	
of interruption	pipelines.de/en/about%20us/Pages/Details%20of%20the%20pipeline%	Published
·	20system.aspx	
(C3) Daily	http://www.dongenergy-	
commercial firm	pipelines.de/en/capacities/Pages/Free%20capacities.aspx	
and		
interruptible	http://www.dongenergy-	
capacity	pipelines.de/SiteCollectionDocuments/PDF_filer/Overview_Capacities.p	
	<u>df</u>	
		Published
	Registered users can also log in into the online booking system. The	
	website <a href="http://www.dongenergy-">http://www.dongenergy-</a>	
	pipelines.de/en/online%20booking/Pages/index.aspx provides a link to the	
	website of the cooperation platform www.marktgebiete.com by use of the	
	password the customer can log in and check available capacities and	
(E4) D-il-	tariffs.	
(F1) Daily	http://www.dongenergy-	Dublishad
flow/aggregated information	pipelines.de/en/capacities/Pages/Allocated hourly flows.aspx	Published
(F3) Daily		
aggregate day		
ahead		December 2008
nominations		
(F4) Historic	http://www.dongenergy-	
gas flow	pipelines.de/de/kapazitaten/Historische%20Lastflüsse/Pages/Historisch	Published
database	eLastflüsse.aspx	

TSO: Ontras		
Data Type	Link	Date to be published
(C1) Max technical capacity	www.marktgebiete.com/h-gas (Indicative value for max technical capacity available when "less than three shipper rule" does not apply)  To access follow links: Market area information, Interactive Network Map, Select Network Point – click on details tab at bottom right hand side of page	n.a.
(C2) Probability of interruption		n.a.
(C3) Daily commercial firm and interruptible capacity	www.marktgebiete.com/h-gas  To access follow links: Market area information, Interactive Network Map, Select Network Point – click on details tab at bottom right hand side of page	Published
(F1) Daily flow/aggregated information		n.a.
(F3) Daily aggregate day ahead nominations	www.ontras.com/portal/servlet/OpenPortal (provided on confidential basis to shippers – Login → Kundencenter → Abrechnungsdaten → Angebote/Daten)	Published
(F4) Historic gas flow database		n.a.

Data Type	Link	Date to be published
(C1) Max technical capacity	http://www.rwetransportnetzgas.com/generator.aspx/homepage/netzzug ang/netzinformation/language=de/id=195172/page.html  http://www.rwetransportnetzgas.com/generator.aspx/homepage/netzzug ang/netzinformation/language=en/id=195172/page.html  To access select an entry- or exit point, click on "weitere informationen" tab at bottom of page. In the new window click on "kapazitäten" (Information available in German)	Published
(C2) Probability of interruption	http://www.rwetransportnetzgas.de/generator.aspx/homepage/netzzuga ng/netzinformation/language=en/id=195172/page.html  Click on "maintenance" or "building activities"	Published
(C3) Daily commercial firm and interruptible capacity	https://netzzugang.rwetransportnetzgas.com/eesy/servlet/OpenPortal  Click on "Online-Buchung für Transportkunden"; then on the right side "Kapazität hinzufügen"; then you can choose a date and a point;	Published
(F1) Daily flow/aggregated information	http://www.rwetransportnetzgas.de/generator.aspx/homepage/netzzuga ng/netzinformation/bba/language=en/id=494516/nominierung- allokation.html  Click on the respective point	Published
(F3) Daily aggregate day ahead nominations	http://www.rwetransportnetzgas.de/generator.aspx/homepage/netzzuga ng/netzinformation/bba/language=en/id=494516/nominierung- allokation.html  Click on the respective point	Published
(F4) Historic gas flow database	http://www.rwetransportnetzgas.de/generator.aspx/homepage/netzzuga ng/netzinformation/bba/language=en/id=494516/nominierung- allokation.html  Click on the respective point	Published

TSO: GRTgaz		
Data Type	Link	Date to be published
(C1) Max technical capacity	http://wwww.grtgaz.com/fileadmin/user_upload/Acheminement/Documents/FR/acheminement_capacites-reservation-court-long-terme.xls  Excel file indicating the capacity of each IP (short and long term). The way capacities are calculated is explained in the Ten-year development statement of GRTgaz for 2008-2017: (http://wwww.grtgaz.com/fileadmin/user_upload/Institutionnel/Documents/EN/projets-etude10ans_en.pdf)	Published
(C2) Probability of interruption	http://wwww.grtgaz.com/fileadmin/user_upload/Acheminement/Docume nts/EN/acheminement_capacites-interruptibles-en.pdf and http://wwww.grtgaz.com/en/home/transmission/engineering-work- schedules/  Document (pdf) on the availability of interruptible capacity + csv file on maintenance schedule	Published
(C3) Daily commercial firm and interruptible capacity	http://www.grtgaz.com/fileadmin/user_upload/Acheminement/Documents/FR /acheminement_capacites-reservation-court-long-terme.xls  (and private website ECT)  Excel file indicating the firm and interruptible capacity of all IPs (short and long term, updated minimum three times a month to be consistent with the open subscription periods) + click and book system on GRTgaz'	Published

	private website (ECT) for daily available capacity	
(F1) Daily flow/aggregated information	http://www.grtgaz.com/module-chiffres/index.php and http://www.grtgaz.com/fileadmin/user_upload/Acheminement/Docume nts/EN/acheminement_capacites-interruptibles-en.pdf	Published
	Available on the GRTgaz' key figures area + in the pdf document about the availability of the interruptible capacity	
(F3) Daily aggregate day ahead nominations	Implementation not possible before 2009. This year, within the consultation process on the evolution of the balancing system, GRTgaz will have discussions with the shippers who did not agree with such a publication in 2007. We will present the benefits of such a publication and we will propose a format, hoping to reach an agreement.	2009
(F4) Historic gas flow database	http://wwww.grtgaz.com/module-chiffres/index.php  Available on the GRTgaz' key figures area, downloadable in xls or csv files	Published

TSO: Fluxys	TSO: Fluxys		
Data Type	Link	Date to be published	
(C1) Max technical capacity	Web-link = <a href="https://www.fluxys.be/Index">www.fluxys.be/Index</a> Transport.htm (then click on Indicative available capacities in the right column and open the table with Technical Maximum capacities at the interconnection points) <a href="http://www.fluxys.com/en/Services/Transport/OperationalData/OperationalData.a.spx">http://www.fluxys.com/en/Services/Transport/OperationalData/OperationalData.a.spx</a>	Published	
(C2) Probability of interruption	Currently no interruptions are published on the website. The services of interruptible capacity are sold with a probability of interruption based on historical flow data. Q1 in 2009 new IT System for daily update (D+1) of publications on general website	2009	
(C3) Daily commercial firm and interruptible capacity	http://www.fluxys.com/en/Services/Transport/OperationalData/OperationalData.aspx	Published	
(F1) Daily flow/aggregated information	The publication of the daily aggregated upstream flows is now done in a manual process on a monthly basis.		
	http://www.fluxys.com/en/Services/Transport/OperationalData/OperationalData_a.aspx	2009	
	Q 1 in 2009 new IT System for daily update (D+1) of publications on general website		
(F3) Daily aggregate day ahead nominations			
(F4) Historic gas flow database	Link = <a href="https://www.fluxys.be/Index Transport.htm">www.fluxys.be/Index Transport.htm</a> (then click on Historic Flow Data in the right column and open the table for each Gas Year)		
	Historical flows are published for the last 3 gas years + the current gas year after one month delay. Place on the website = www.fluxys.net / Transport Services / Historical Flow Data / select the appropriated gas year	Published	

TSO: Gaslink		
Data Type	Link	Date to be published
(C1) Max technical	http://www.gaslink.ie/index.jsp?p=136&n=235	Published

capacity	http://web1.bgegtms.ie/index.html	
(C2) Probability	Information on network development is available	
of interruption	http://www.gaslink.ie/index.jsp?&p=93&n=138	
	No Interruptible Capacity services offered at this point in time.	2010
	Introduction of Interruptible Capacity services has been rescheduled to	
	the end 2010 as part of the All-Island Common Arrangements for Gas	
(C3) Daily	(CAG) Project. http://www.gaslink.ie/index.jsp?p=136&n=235	
commercial firm	http://www.gasinik.ie/index.jsp?p=150&n=255	
and		Published
interruptible	http://web1.bgegtms.ie/index.html	1 donorio
capacity		
(F1) Daily	http://www.gaslink.ie/index.jsp?p=136&n=235	
flow/aggregated		Published
information	http://web1.bgegtms.ie/index.html	
(F3) Daily	http://www.gaslink.ie/index.jsp?p=136&n=235	
aggregate day		Published
ahead	http://web1.bgegtms.ie/index.html	1 ublished
nominations		
(F4) Historic	http://www.gaslink.ie/index.jsp?p=136&n=235	
gas flow		Published
database	http://web1.bgegtms.ie/index.html	

TSO: GdF DT		
Data Type	Link	Date to be published
(C1) Max technical capacity	http://www.gazdefrance- transport.de/content/kundenbereich/kapazitaetsinformationen/verfuegka pazitaeten/kapazitaetsuebersicht/index_neu_uk.php	Published
(C2) Probability of interruption	Maintenance schedules:  http://www.gazdefrance- transport.de/content/kundenbereich/kapazitaetsinformationen/verfuegka pazitaeten/kapazitaetsuebersicht/index_neu_uk.php  http://www.gazdefrance- transport.de/content/kundenbereich/kapazitaetsinformationen/lastfluess e/lfpage_uk.php?input_num=3&input_monat=06&input_jahr=2007⋐ mit=Go  http://www.gazdefrance- transport.de/content/kundenbereich/kapazitaetsinformationen/instandhal tung/index_uk.php	Published
(C3) Daily commercial firm and interruptible capacity	http://www.gazdefrance- transport.de/content/kundenbereich/kapazitaetsinformationen/ verfuegkapazitaeten/kapazitaetsuebersicht/index_uk.php	Published
(F1) Daily flow/aggregated information	http://www.gazdefrance- transport.de/content/kundenbereich/kapazitaetsinformationen/lastfluess e/lfpage_uk.php	Published
(F3) Daily aggregate day ahead nominations	Would require major IT developments and process changes that GDFDT cannot implement before December 2008	2009
(F4) Historic gas flow database	http://www.gazdefrance- transport.de/content/kundenbereich/kapazitaetsinformationen/lastfluess e/lfpage_uk.php	Published

TSO: GTS	TSO: GTS		
Data Type	Link	Date to be published	
(C1) Max technical capacity	Border Points: <a href="http://www.gastransportservices.com/shippers/transport/570060/">http://www.gastransportservices.com/shippers/transport/570060/</a> Domestic entry points <a href="http://www.gastransportservices.com/shippers/transport/518189/">http://www.gastransportservices.com/shippers/transport/518189/</a> Online availability checks and booking for all entry and exit points via OTIS (for registered users): <a href="http://www.gastransportservices.com/shippers/online/">http://www.gastransportservices.com/shippers/online/</a>	Published	
(C2) Probability of interruption	"GTS offers two different types of interruptible capacity to shippers (2.5% and 10%). Next to user specific data (see row 26), GTS provides for border points* the aggregated allocations and interruptions per network point. Aggregated allocations are given separately for entry, exit, backhaul, firm and interruptible. Non-fiscal data (user specific): <a href="https://otis.gastransportservices.nl/nimbus-im/">https://otis.gastransportservices.nl/nimbus-im/</a> (requires login) "Fiscal data (user specific): <a href="https://otis.gastransportservices.nl/dialog/">https://otis.gastransportservices.nl/dialog/</a> (requires login) "border points*: <a href="http://www.gastransportservices.com/shippers/transport/570060/">https://www.gastransportservices.com/shippers/transport/570060/</a>	Published	
(C3) Daily commercial firm and interruptible capacity	Border points (booked and available capacities plus other information): http://www.gastransportservices.com/shippers/transport/570060/  Domestic entry points (available capacities): http://www.gastransportservices.com/shippers/transport/518189/  Capacity monitor (general indication of scarcity): http://www.gastransportservices.com/shippers/transport/561007/	Published	
(F1) Daily flow/aggregated information	http://www.gastransportservices.com/shippers/transport/561907/  "Next to user specific data (see row 26), GTS provides for border points* the aggregated allocations and interruptions per network point.  Aggregated allocations are given separately for entry, exit, backhaul, firm and interruptible. Non-fiscal data (user specific):  https://otis.gastransportservices.nl/nimbus-im/ (requires login)  Fiscal data (user specific):  https://otis.gastransportservices.nl/dialog/ (requires login)  border points*:  http://www.gastransportservices.com/shippers/transport/570060/  http://www.gastransportservices.com/shippers/transport/570067/	Published	
(F3) Daily aggregate day ahead nominations	GTS provides aggregate day ahead nominations at 15:00h and 22:00h http://www.gastransportservices.com/shippers/transport/570067/	Published	
(F4) Historic gas flow database	"Next to user specific data (see row 26), GTS provides for border points* the aggregated allocations and interruptions per network point.  Aggregated allocations are given separately for entry, exit, backhaul, firm and interruptible. Non-fiscal data (user specific): <a href="https://otis.gastransportservices.nl/nimbus-im/">https://otis.gastransportservices.nl/nimbus-im/</a> (requires login)  "Fiscal data (user specific): <a href="https://otis.gastransportservices.nl/dialog/">https://otis.gastransportservices.nl/dialog/</a> (requires login)  "border points*: <a href="http://www.gastransportservices.com/shippers/transport/570067/">http://www.gastransportservices.com/shippers/transport/570067/</a>	Published	

Data Type	Link	Date to be published
(C1) Max		·
technical	http://www.gasunie.de/cms/doc/doc_download.cfm?7CEDFC705056AD	Published
capacity	<u>1948723C7FFAB9E6FC</u>	
(C2) Probability	http://www.gasunie.de/cms/index.cfm?uuid=0A776D825056AD1948796	Published
of interruption	37CB97DC89B&o_lang_id=2	1 ublished
(C3) Daily		
commercial firm		
and		Published
interruptible	http://www.gasunie.de/cms/doc/doc_download.cfm?7CEDFC705056AD	
capacity	<u>1948723C7FFAB9E6FC</u>	
(F1) Daily		
flow/aggregated		Published
information	http://www.gasunie.de/statistic_data_tr2006/index_en.cfm	
(F3) Daily		
aggregate day		December 2008
ahead		December 2000
nominations		
(F4) Historic	http://www.gasunie.de/statistic_data_tr2006/index_en.cfm	
gas flow		Published
database		

TSO: WINGAS TRANSPORT		
Data Type	Link	Date to be published
(C1) Max technical capacity	http://wtkg.de/entgeltrechner/entgelt_en.html	Published
(C2) Probability of interruption	http://www.wingas-transport.de/45.html?&L=1	Published
(C3) Daily commercial firm and interruptible capacity	http://wtkg.de/entgeltrechner/entgelt_en.html	Published
(F1) Daily flow/aggregated information		December 2008
(F3) Daily aggregate day ahead nominations		December 2008
(F4) Historic gas flow database	http://www.wingas-transport.de/107.html?&L=1  On the "grid information" drop down tab at the top of the page select "history data"	Published

TSO: E.ON Gastransport		
Data Type	Link	Date to be published
(C1) Max technical capacity	http://www.eon-gastransport.com/cps/rde/xchg/SID- 3F57EEF5-B59D5038/eon-gastransport/hs.xsl/3025.htm	Published

(C2) Probability	http://www.eon-gastransport.com/cps/rde/xchg/SID-3F57EEF5-	Published
of interruption	B59D5038/eon-gastransport/hs.xsl/2461.htm	i ublistieu
(C3) Daily	http://www.eon-gastransport.com/cps/rde/xchg/SID-3F57EEF5-	
commercial firm	B59D5038/eon-gastransport/hs.xsl/3025.htm	
and		Published
interruptible		
capacity		
(F1) Daily	http://transparency.eon-	
flow/aggregated	gastransport.com/Reports/TransparencyReport.aspx?Kultur=en-GB	Published
information		
(F3) Daily	http://transparency.eon-	
aggregate day	gastransport.com/Reports/TransparencyReport.aspx?Kultur=en-GB	Published
ahead		Published
nominations		
(F4) Historic	http://transparency.eon-	
gas flow	gastransport.com/Reports/TransparencyReport.aspx?Kultur=en-GB	Published
database		

Data Type	Link	Date to be published
(C1) Max technical capacity		n.a
(C2) Probability of interruption		n.a
(C3) Daily commercial firm and interruptible capacity		n.a
(F1) Daily flow/aggregated information		n.a
(F3) Daily aggregate day ahead nominations		December 2008
(F4) Historic gas flow database		n.a

TSO: Swedegas		
Data Type	Link	Date to be published
(C1) Max technical capacity		December 2008
(C2) Probability of interruption		December 2008
(C3) Daily commercial firm and interruptible capacity		December 2008
(F1) Daily flow/aggregated information		December 2008
(F3) Daily aggregate day ahead		n.a

nominations	
(F4) Historic	
gas flow	December 2008
database	

TSO: BBL Company		
Data Type	Link	Date to be published
(C1) Max technical capacity	http://www.bblcompany.com/en/download/Overview of available firm forward_capacity0908.pdf	Published
(C2) Probability of interruption	http://www.bblcompany.com/en/Plannedmaintenance.html	Published
(C3) Daily commercial firm and interruptible capacity	http://www.bblcompany.com/en/download/Overview of available firm forward_capacity0908.pdf http://www.bblcompany.com/en/download/Overview of sold IFF capacity_1008.pdf	Published
(F1) Daily flow/aggregated information		December 2008
(F3) Daily aggregate day ahead nominations	The allocated energy (including energy balance) is provided to shippers for the points where they are active. Non-fiscal data (user specific): <a href="https://otis.gastransportservices.nl/nimbus-im/">https://otis.gastransportservices.nl/nimbus-im/</a> Fiscal data (user specific): <a href="https://otis.gastransportservices.nl/dialog/">https://otis.gastransportservices.nl/dialog/</a>	Published
(F4) Historic gas flow database		December 2008