



Commission for Energy Regulation

An Coimisiún um Rialáil Fuinnimh

Information Notice

Gas Networks Ireland's 2016 Network Development Plan

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*The Commission for Energy Regulation,
The Exchange,
Belgard Square North,
Tallaght,
Dublin 24.*

www.cer.ie

Information Notice: GNI's 2016 Network Development Plan

In accordance with Article 22 of EU Directive 2009/73/EC (“the Directive”)¹ and Part 4 of Statutory Instrument S.I.16 of 2015,² Gas Networks Ireland (GNI), as Ireland’s gas Transmission System Operator, is required to publish on an annual basis a ten-year Network Development Plan (NDP).

As part of the ten-year NDP development process, GNI is required to make reasonable assumptions about the evolution of gas production, supply, consumption and exchanges with other countries. Consequently, GNI submits on an annual basis a questionnaire (see Appendix One) to selected market participants in order to elicit information for the preparation of the forthcoming ten-year NDP.

From a regulatory perspective, the CER is required, inter-alia, to consult all actual or potential system users regarding the ten-year NDP in an open and transparent manner. Therefore, the CER has prepared this Information Notice, as a means of informing all actual or potential system users of GNI’s questionnaire for the development of the 2016 ten-year NDP.

Specifically, persons or undertakings who consider themselves to be such actual or potential system users who have not, thus far, been contacted by GNI are requested to make themselves known to the CER.³

For clarity, it should be noted that a CER consultation on GNI’s draft ten-year NDP will commence in July 2016. In the interim, any request to be contacted by GNI regarding its questionnaire shall be forwarded to the CER by 19th of February 2016.

Responses in electronic format are preferred and may be sent to dlindsay@cer.ie. Alternatively, responses can be sent to:

David Lindsay
Commission for Energy Regulation
The Exchange
Belgard Square North
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Dublin 24

¹ EU Directive 2009/73/EC: concerning common rules for the internal market in natural gas.

² S.I.16 of 2015: European Communities (Internal Market in Natural Gas and Electricity) (Amendment) Regulations.

³ Persons or undertakings claiming to be potential gas transmission system users may be required to substantiate such claims.

Appendix One: Questionnaire for Network Development Plan

QUESTIONNAIRE FOR NETWORK DEVELOPMENT PLAN 2016

1 CONTACT DETAILS

Company Name	
Contact Name:	
Contact Address:	
Telephone:	
Email Address:	

2 TYPE OF MARKET PARTICIPANT

Please complete all sections that apply.

- Gas Producer (please complete 3.1)
- Gas Storage (please complete 3.2)
- LNG Supplier (please complete 3.3)
- Gas Shipper (please complete 3.4)
- Gas Exporter (please complete 3.5)
- Gas Consumer (please complete 3.6)
- Infrastructure Projects (please complete 3.7)

3 DETAIL OF FORECASTS

3.1 Gas Producer

Company Name	
Production Site	
Commissioning Date (if applicable)	
De-commissioning Date (if applicable)	
Connection Point	
Average Calorific Value (MJ/m3)	

Please provide the following field specific information for each of the supply years 2015/16 to 2024/25.

List all Supplies

Field Name	Status (Producing/under development/new discovery)	Estimated Total Field Reserves (bcm)	% Interest	Entry Point	Calorific Value (MJ/m3)

Forecast Annual Supply (bcm) for your share of the field detailed above.

Year	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25

Please report annual volumes for year commencing 1st October.

Forecast Maximum Daily Supply (mcm per day) for your share of the field detailed above

Month	15/1 6	16/1 7	17/1 8	18/1 9	19/2 0	20/2 1	21/2 2	22/2 3	23/2 4	24/2 5
October										
November										
December										
January										
February										
March										
April										
May										
June										
July										
August										
September										

Gas Composition (molecular %) for the field detailed above

Field	Methane	N2	CO2	H2S	Others

Please state the minimum pressure at which you intend to offer gas at the transmission system entry point:

.....

Supply Shortfall Measures

Is it possible to increase output from the field into the transmission system on a short term basis (days) in the event of a supply shortfall from another entry point?

.....

Additional Relevant Information

Please state any additional relevant information.

.....

.....

.....

.....

.....

3.2 Gas Storage

Please provide a separate sheet for each storage facility.

Company Name	
Storage Facility	
Type of Facility (depleted field/salt cavity/LNG/other)	
Commissioning Date (if applicable)	
De-commissioning Date (if applicable)	
Connection Point	
Average Calorific Value (MJ/m ³)	

Please provide the following information for each of the supply years:

Field	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25
Deliverability (mcm per day)										
Injectability (mcm per day)										
Total Storage Capacity (mcm)										

Please state the minimum pressure at the connection point at the gas will be delivered:

.....

Please state the minimum pressures needed for injection from connection point:

.....

Additional Relevant Information

Please state any additional relevant information.

.....

3.3 LNG Supplier

Company Name	
Facility Name	
Commissioning Date (if applicable)	
De-commissioning Date (if applicable)	
Connection Point	
Average Calorific Value (MJ/m3)	

Please provide the following information for each of the supply years 2015/16 to 2024/25.

Forecast Annual Supply (bcm) for the LNG Terminal

LNG Terminal	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25

Please report annual volumes for year commencing 1st October.

Forecast Maximum Daily Supply (mcm per day) for the LNG Terminal

LNG Terminal	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25

Please report annual volumes for year commencing 1st October.

Forecast Maximum Daily Capacity (mcm per day) for the LNG Terminal

LNG Terminal	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25

Please report annual volumes for year commencing 1st October.

Gas Composition (molecular %) Calorific Value Range

LNG Terminal	Methane	N2	CO2	H2S	Others

Please state the Wobbe Index range of the gas you intend to offer gas at the transmission system entry point:

.....

Please state the minimum pressure at which you intend to offer gas at the transmission system entry point:

.....

Supply Shortfall Measures

Is it possible to increase output from the field into the transmission system on a short term basis (days) in the event of a supply shortfall from another entry point?

.....

Additional Relevant Information

Please state any additional relevant information.

.....

3.4 Gas Shipper

Company Name	
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Measures to Meet Peak Demand

What measures have you put in place for purchasing natural gas to meet peak day demand?

.....

Please provide the following information for each of the supply years 2015/16 to 2024/25.

Forecast Annual Supply (bcm)

Entry Point	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25
Corrib										
Inch										
Moffat										
Total										

Please report for year commencing 1st October.

Forecast Maximum Daily Supply (mcm per day)

Entry Point	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25
Corrib										
Inch										
Moffat										
Total										

Please report for year commencing 1st October.

Please provide details of forecast total demand, broken down by category of customer.

Key to category of customer

Type	Annual consumption (mcm)	Annual Consumption (MWh)*
Very Large	> 135 mcm	> 1,500,000 MWh
Large	> 25 but < 135 mcm	>260,000 MWh but < 1,500, 000 MWh
Medium	> 5 but < 25 mcm	>57,500 MWh but < 260,000 MWh
Small	> 0.5 but < 5 mcm	> 5,500 MWh but < 57,500 MWh
Non TPA	All consumption < 0.5 mcm	All consumption <5,500 MWh

*Conversion using an average CV of 37.6 MJ/m³

Forecast Annual Demand (mcm, or MWh please state.....)

Eligible Customer Type	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25
Very Large										
Large										
Medium										
Small										
Non TPA										
TOTAL										

Please report for year commencing 1st October.

Forecast Maximum Daily Demand (mcm/day, or MWh/day please state.....)

Eligible Customer Type	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25
Very Large										
Large										
Medium										
Small										
Non TPA										
TOTAL										

Please report for year commencing 1st October.

Within the total demand figures provided, please identify any newly connected demand (e.g. conversion of oil-fired plant)

Name	Location	Start-up date	Annual Quantity (units mcm or MWh)	Maximum Daily Quantity (units mcm/day or MWh/day)

Additional Relevant Information

Please state any additional relevant information.

.....

3.5 Gas Exporter to Northern Ireland

Company Name	
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Please provide the following information for each of the supply years 2015/16 to 2024/25.

Forecast Annual Supply (bcm)

Exit Point	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25

Please report for year commencing 1st October.

Forecast Maximum Daily Supply (mcm per day)

Exit Point	15/16	16/17	17/18	18/19	19/20	20/21	21/22	22/23	23/24	24/25

Please report for year commencing 1st October.

Additional Relevant Information

Please state any additional relevant information.

.....

3.6 (a) Gas Consumer

Please complete a separate sheet for each site.

Company Name	
Site Address	

What is the primary use for gas at the site (heating/process/power generation)? [Where this is power generation, please complete section 3.3(b) below.]

.....

Please provide a forecast of your annual gas consumption (in MWh per annum)

	15/1 6	16/1 7	17/1 8	18/1 9	19/2 0	20/2 1	21/2 2	22/2 3	23/2 4	24/2 5
Annual consumption (MWh)										

Footnote: conversion factor 1 therm = 0.0293 MWh

Please provide a forecast of your peak day gas consumption (in MWh per day)

	15/1 6	16/1 7	17/1 8	18/1 9	19/2 0	20/2 1	21/2 2	22/2 3	23/2 4	24/2 5
Peak Day consumption (MWh/day)										

Footnote: conversion factor 1 therm = 0.0293 MWh

Does the existing site have access to an alternative fuel source (and therefore could take an interruptible gas supply)? If yes, please indicate the proportion of site load which is capable of interruption, and the maximum period of interruption in days.

.....

Additional Information (for example, if the site is a new load give the expected start date):

.....
3.6 (b) Gas Consumer – Power Generation

Please indicate the type and capacity of the plant (CCGT/OCGT/Steam/CHP):

.....

Please indicate the efficiency of the plant:

.....

Please indicate whether the plant is dual firing.

.....

If yes, what is the alternate fuel? Please indicate how many days (at full load) of the alternate fuel is stored at the site.

.....

What is the load factor of the plant?

.....

What is the unit's gross output per annum (GWh)?

.....

3.7 Infrastructure Projects

Under the trans-European energy infrastructure Regulation (EU) No 347/2013, project promoters can submit major infrastructure projects to be identified as Projects of Common Interest (PCI). PCI status will provide projects with fast-tracked consenting processes and the possibility of financial assistance from Europe.

In accordance with EU legislation any project promoter wishing to obtain PCI status for a project must include the project in the national plan, in this case the Network Development Plan, which in turn will feed into the European-wide Ten Year Network Development Plan (TYNDP). The TYNDP will be the basis for the identification of PCIs.

Please give details of any projects that you would like included in the Network Development Plan. State what type of project it is i.e. pipeline, LNG, storage or production. Also provide a time schedule for the project and the probable date of commissioning.