

SGN Third Party Connections Briefing Note 15 Appendix B

(Guidance on FM153 iGT Non-Fastrack Requests)

1. Introduction

An FM153 iGT Non-Fastrack Request is for use by an Independent Gas Transporter (*iGT*) or an appointed UIP with applicable Agent of Contract between the two parties, to request a quotation on the availability of gas for a new iGT CSEP site.

FM153 responses from SGN will consist of formal quotation, confirming offered source pressure, costed connection costs and costs for associated reinforcement with subsequent lead times, if applicable.

FM153 requests can contain an accompanying design submission, which will be subject to approval by SGN however it is recommended that formal design submissions accompany the Quotation Acceptance.

Quotations will remain valid for a period of 90 calendar days.

Quotations become valid for a further 180 days upon Acceptance, after which if works have not proceeded, the quote will expire.

Extensions to the 180 day Acceptance validity period will be considered where warranted subject to '*key milestone markers*' being provided at necessary incremental periods. See SGN Third Party Connections Briefing Note 31 for further guidance on '*Key Milestone Markers*'.

Where permissible within applicable tables of SGN/SP/NP/14, third parties should submit an FM153a Fastrack Request form.

2. Formatting

Third Party Connections forms are in Microsoft Word document format, utilising Text Forms and Drop Down menus shaded grey.

Text form fields allow free-text entry, as required.

Drop Down Fields allow the user to choose the appropriate response from a Pre-defined list.

3. Guidance on form sections

3.1 Third Party details

Date of Request: / / iGT Reference:

Previous Related SGN Reference Numbers:

iGT Name:

iGT Contact Name:

iGT Address:

Post Code:

iGT Contact Telephone Number:

iGT Contact E Mail:

Date of Request Input the date of submission of form, this should match the date of the Email upon which the form was sent to SGN, based on a normal working day period of 09:00 – 17:00

iGT Reference number Input the unique reference of the adopting iGT

Note –Where an iGT is appointed but has not yet issued a ‘post-acceptance’ iGT Reference number, input the pre-acceptance iGT Reference number or the appointed UIP Reference number.

Previous related SGN References Where there has been previous enquiries or Requests, input these reference numbers

iGT Name Input the name of the iGT company

iGT Contact Input the name of individual from the iGT company

iGT Address Input the Address of the iGT company

Post Code Input the Post Code of the iGT company

iGT Phone Number Input the phone number of the responsible person from the iGT company

iGT Email Input the Email address of the responsible person from the iGT company

3.2 GIRS registration scope box

GIRS REGISTRATION SCOPE

CONFIRM THE NAME OF THE COMPANY RESPONSIBLE FOR THE FOLLOWING ELEMENTS OF THE PROJECT

Design:

Construction Commissioning:

Project Management:

Final Connection:

Input the details of the individual companies undertaking the relevant complex under GIRS. See SGN Third Party Connections Briefing Note 2 for further guidance.



3.3 Section A - Proposed site details

A) Proposed Site Details

Current Site Name:
 Proposed CSEP Name:
 Site Address:
 Post Code:
 Connection Point: Easting: Northing:
 Is this a Load Increase / Decrease : Yes
 Is this a Nested CSEP?: Yes (If Yes, Upstream iGT details in section B are required)
 Is there more than one ISEP for this site : Yes (If Yes see note in section C, please supply details in Section E)

Current site name Input the current name of the site, or leave blank if a completely new build

Proposed site name Input the proposed name of the site

Site Address Input the Site Address

Post Code Input the Post Code of the site

Note – if a proposed site is yet to formally be issued a Post Code or the site is large enough to cover multiple Post Codes, a single Post Code should be selected on a sensible, ‘nearest to site’ basis

Connection Point Easting Input the Easting Grid Coordinate of the proposed connection point

Connection Point Northing Input the Northing Grid Coordinate of the proposed connection point

Is request a Load Increase? State whether request is an increase in load to an already connected CSEP

Is request a Nested CSEP? State whether request is a Nested CSEP

How many ISEPs are there for this site? State how many ISEPs are to be connected for the CSEP

3.4 Section B – Nested CSEPs (*only applicable for Nested CSEPs*)

B) Upstream iGT details for Nested CSEPs (Complete details of the Upstream CSEP physically connected onto SGN's network)
 Primary iGT Site Name:
 Primary iGT site reference:
 SGN Reference for Lead CSEP:

Primary iGT Site Name Input the Site name of the Lead CSEP

Primary iGT Site Reference Input the iGT Reference of the Lead CSEP

SGN Reference for Lead CSEP Input the SGN Reference of the Lead CSEP

Note – See SGN Third Party Connections Briefing Note 33 for further guidance on Nested CSEPs

3.4 Section C - Load details

C) Load Details (Note: Where the site has more than one ISEP complete section C with the total load as well as an additional table from Section E for each connection point to show how the load is broken down)

Easting: Northing: Year 1 Period from: Jan / 20 24 to Jan / 20 24 Pressure Tier: LP

	Domestic Loads: EUC01B			Commercial / Industrial Loads: EUC <input type="text"/>				
Load A	Number of properties	AQ (kwh)	SHQ (kwh)	Number of properties	AQ (kwh)	SHQ (kwh)	Total AQ for all EUC (kwh)	Total SHQ (kwh/h)
Year 1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Year 2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Year 3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Year 4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Year 5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Year 6	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Year 7	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Year 8	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Year 9	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Year 10	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
As of April 2024, SGN do not accept C16 Load requests							Total Load	<input type="text"/>

Connection Point Easting Input the Easting Grid Coordinate of the proposed connection point

Connection Point Northing Input the Northing Grid Coordinate of the proposed connection point

Year 1 starts from Input the year that 'Year 1' will take gas

Pressure tier Input the pressure tier of the proposed site

EUC Input the EUC code for the commercial loads, if known in the drop down list or manually input into the free text cell if multiple EUC codes exist

Load A table Input the number of plots as whole numbers and Annual Quantity (AQ) and Hourly Quantity (SHQ) in KWH for both Domestic and Commercial loading for the required number of Years up to Year 10. Loading should be cumulative each following year, accounting the previous years, creating a larger total per year increase, totalling in the final 2 Total columns

Total Load Input the Total AQ and SHQ, from the final cells in the Load A table

3.5 Section D – Additional Information/Engineering Difficulties

D) Additional Information / Engineering Difficulties:

Do You wish to make the Final Connection?:

Typical Load ?

Yes

Yes

(If No, Please complete C.1 Table on this form and supply details in Section J - Additional Information)

Additional Information:

Do you wish to undertake the Final Connection?

Where the third party is to undertake the final connection to the SGN parent main, input Yes. Where you wish SGN to undertake the final connection, subject to subsequent payment, input No

Is requested demand non-typical?

If the proposed load will use gas in a non-typical fashion, input yes

Note - See SGN Third Party Connections Briefing Note 17 (Load Classification) for further guidance.

Additional Information

Input any additional information relevant to the site

3.6 Section E – ISEP load details

E) ISEP Details (Complete a separate table for each ISEP and indicate ISEP number)

ISEP No:

1 of 1

Easting:

Northing:

Year 1 Period from:

Jan / 20 22 to Jan / 20 22

ISEP Number

Input the ISEP number, if there is more than one connection point (ISEP) for the site

ISEP Easting

Input the connection point Easting for the respective ISEP number

ISEP Northing

Input the connection point Northing for the respective ISEP number

The loading attributed to the respective ISEPs should be logged separately in the Load A tables, per ISEP, as per 3.4 Section C.

Load A contractual pressures and dates should be completed as per 3.5 section D.

3.8 Section F - Non-typical pressure details

F) Non Typical Load Details – See NP/14 Table C.3 for further guidance

Indicated Pressures	Load A
Peak Day Pressure	(mbar)
Peak Hour Minimum Day Pressure	(mbar)
Minimum Hour Peak Day Pressure	(mbar)
Minimum Hour Minimum Day Pressure	(mbar)

Where the iGT has identified the proposed load to be non-typical, they should populate the respective source pressures for Load A for the times of the day and year in which gas will be used, where different to standard pressures offered as per NP/14 tables A.2, A.2.1 and A.3.

3.9 Section G – Customer signature

Signed:

Print Name:

Job Title:

Signed

SGN accept that electronic form submission via Email does not warrant a formal signature

Print Name

Input name of individual completing the form

Job Title

Input the job title of the individual completing the form

3.10 NP/14 Table C1 - Non-typical gas usage

Where applicable under SGN Third Party Connections Briefing Note 17, iGTs should complete the C.1 table to promote non-typical gas usage across the year and times of the day.

Consider any gas usage, in part or peak flow and check the required tick boxes for the proposed usage times.

Note - See SGN Third Party Connections Briefing Note 17 (Load Classification) for further guidance.

To identify the proposed profile of gas use, it is necessary to understand the time(s) of day and year at which the gas demand is required and if the demand varies from this level at the other key times/conditions of the day and year				
Please complete the following boxes as is appropriate for the demand.				
Period	Please indicate with a tick the times of the day and year when demand usage may occur			
	0600-1000	1000-1600	1600-2000	2000-0600
Beginning October – end March (Winter)				
Beginning June – end August (Summer)				
Other periods of the year				

3.11 NP/14 Table C2 – Booster/Compressor info

Where applicable, third parties should complete the C.2 Table to promote Booster/Compressor usage to SGN

Note – Booster/Compressor usage downstream of a CSEP connection should be analysed independently by the adopting asset owner (iGT) as per NP/14 section C.3

Peak Instantaneous Demand to be compressed and the pressure required:	<input type="text"/> kW/m ³ /hr		<input type="text"/> mbar/bar	
Compressor Types (Reciprocating/Fan/Screw/Booster/Other)	<input type="text"/>			
Number of Compressors/Boosters and the Peak Instantaneous Demand to each excluding standby:	No:	<input type="text"/>	Flow:	Plant 1 <input type="text"/> kW/m ³ /hr Plant 2 <input type="text"/> kW/m ³ /hr Plant 3 <input type="text"/> kW/m ³ /hr
Time taken to achieve full load from start up	Time taken seconds <input type="text"/>			
Profile provided for non-linear start up profile	<input type="text"/>			
Number of burners to be installed?	<input type="text"/>			
Will burners be operated in parallel?	<input type="text"/>			
Typical burner stages	Start-up	Pilot fire	Low fire	High fire
Flow as % of burner's PID – burner 1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Minimum time for each stage – burner 1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Flow as % of burner's PID – burner 2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Minimum time for each stage – burner 2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Flow as % of burner's PID – burner 3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Minimum time for each stage – burner 3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Note - See SGN Third Party Connections Briefing Note 17 (Load Classification) for further guidance.