

**REGISTRATION DATA INTERFACE CODE OF
CONNECTION**

DEFINITIONS

In this document, except where the context otherwise requires:

- expressions defined in Section A of the Code (Definitions and Interpretation) have the same meaning as is set out in that Section;
- the expressions in the left hand column below shall have the meanings given to them in the right hand column below; and
- any expressions not defined here or in Section A of the Code have the meaning given to them in the Registration Data Interface Specification.

Security Patch	means a software change intended to address a particular vulnerability or weakness in the security of a system.
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1. REGISTRATION DATA INTERFACE CODE OF CONNECTION

- 1.1 These provisions apply to the DCC and any Registration Data Provider seeking to send and receive communications via the Registration Data Interface.

General Obligations

- 1.2 The DCC and each Registration Data Provider shall inform each other of the contact details of one or more persons working for their respective organisations for the purposes of managing arrangements associated with the use of the Registration Data Interface. The following information shall be provided in relation to each such person (and subsequently kept up to date by the providing organisation):

- (a) contact name;
- (b) contact email;
- (c) contact telephone number; and
- (d) contact address.

and any other contact details as may be reasonably required by the DCC or the Registration Data Provider from time to time.

Restrictions on the use of DCC Gateway Connections

- 1.3 Each Registration Data Provider shall only send Registration Data over a DCC Gateway Connection. The DCC shall use that same DCC Gateway Connection for the purpose of sending data to the Registration Data Provider pursuant to Section E2 of the Code.

Establishment of Transport Layer Security

- 1.4 The DCC and each Registration Data Provider:
- (a) shall establish a TLS session to secure the transport layer connection to the Registration Data Provider's FTPS server and the DCC's FTPS server respectively and shall do so in accordance with the Registration Data Interface Specification;
 - (b) shall use a DCCKI Infrastructure Certificate to establish the TLS session; and
 - (c) in the case of a Registration Data Provider only, may obtain a DCCKI Infrastructure Certificate in accordance with the DCCKI RAPP.

Registration Data Files

- 1.5 Each Gas Registration Data Provider shall produce a Registration Data Update File showing changes to the Registration Data that occurred during the preceding day, provided that where no such changes have occurred, the Registration Data Update File shall record zero changes.
- 1.6 Each Electricity Registration Data Provider shall produce a Registration Data Update File showing changes to the Registration Data that occurred during the preceding Working Day, provided that where no such changes have occurred, the Registration Data Update File shall record zero changes.
- 1.7 Pursuant to clause 1.5 of this document, each Gas Registration Data Provider shall send each Registration Data Update File to the DCC via the Registration Data Interface by 06:00 hours on the following day to which the data in the file relates.
- 1.8 Pursuant to clause 1.6 of this document, each Electricity Registration Data Provider shall send the Registration Data Update File to the DCC via the Registration Data Interface by 06:00 hours on the following Working Day to which the data in the file relates.

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- 1.9 The DCC shall produce a DCC Status File showing the changes to the DCC Service Flag for each MPAN or Supply Meter Point that occurred since the last update, provided that where no such changes have occurred, the DCC Status File shall record zero changes.
- 1.10 The DCC shall send a DCC Status File by 18:00 hours every day. In the case of Gas Smart Metering Systems, the DCC shall send one DCC Status File per Registration Data Provider. In the case of Electricity Smart Metering Systems, the DCC shall send one DCC Status File per Electricity Network Party.
- 1.11 Each Registration Data Provider shall, prior to sending its first set of Registration Data to the DCC, provide to the DCC a size estimate of a file containing a full Registration Data Refresh File.
- 1.12 Each Registration Data Provider shall inform the DCC in advance of sending Registration Data Files where the number of records requires the Registration Data Provider to split the data into multiple files due to file size restrictions within the Registration Data Provider's systems.
- 1.13 The DCC shall monitor use of the Registration Data Interfaces and ensure that adequate capacity is provided for each Registration Data Provider to enable the fulfilment of its obligations to provide Registration Data to the DCC under Section E of the Code.

Registration Data Refreshes

- 1.14 The means by which the DCC shall request a re-submission or a refresh of a Registration Data File is for the DCC to contact the Registration Data Provider.
- 1.15 When requesting a full or partial file refresh or re-submission of a Registration Data File, the DCC shall take reasonable steps to contact the Registration Data Provider prior to 16:00 on the day of the request.
- 1.16 Pursuant to Section E2.12 of the Code, having been requested to refresh or re-submit a file in accordance with clause 1.14 of this document a Registration Data Provider shall send the file to the DCC via the Registration Data Interface , in accordance with the Registration Data Interface Specification and the timings

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set out in clauses 1.17 or 1.18 below. On receipt of the file, the DCC shall upload the file as detailed in the Registration Data Interface Specification.

1.17 Electricity Registration Data Provider timetable for file provision:

Type	Action	Time
Full Refresh	Full Refresh of the Registration Data to the DCC	As per Section E2.7(a) of the Code
Partial Refresh	A Partial Refresh is a submission of a subset of the Registration Data to the DCC	The file(s) shall be submitted within the timelines directed in the Master Registration Agreement
File re-submission	Re-submission of a file that is not received or is corrupt	Within 1 Working Day of the request for re-submission having been made pursuant to clause 1.14 of this document

Table 1 - Timetable – Electricity

1.18 Gas Registration Data Provider timetable for file provision:

Type	Action	Time
Full Refresh	Full Refresh of the Registration Data to the DCC	As per Section E2.7(a) of the Code
Partial Refresh	A Partial Refresh is a submission of a subset of the Registration Data to the DCC	Within the shorter of three Working Days or four days
File re-submission	Re-submission of a file that is not received or is corrupt	Within 1 Working Day of the request for re-submission having been made pursuant to clause 1.14 of this document

Table 2 - Timetable – Gas

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Technical Infrastructure

- 1.19 Each Registration Data Provider shall provide and configure its own FTPS servers for use in sending and receipt of Registration Data, and shall be responsible for operation and maintenance of its FTPS platform used to receive files from the DCC.
- 1.20 Each Registration Data Provider and the DCC shall inform each other of information relating to its FTPS servers that is reasonably required by the DCC and each Registration Data Provider in relation to any DCC Gateway Connection that it is using to access the Registration Data Interface.
- 1.21 Each Registration Data Provider shall provide the DCC with reasonable advance notice via the Service Desk, of any expected outages which may affect that Registration Data Provider's ability to send Registration Data to the DCC.
- 1.22 The DCC shall ensure that the URLs and/or the IP addresses of the Registration Data Interface remain constant.

Security Obligations

- 1.23 Each Registration Data Provider shall test the installation of Security Patches to be applied to its RDP Systems prior to their application.
- 1.24 Prior to using the Registration Data Interface, each Registration Data Provider shall provide a report to the DCC that details the following:
 - (a) the scope of its RDP Systems;
 - (b) the number of connections between its RDP Systems and any System that does not form part of the RDP Systems; and
 - (c) the means by which the Registration Data Provider has achieved Separation between its RDP Systems and each other System to which they connect.and;
thereafter, the Registration Data Provider shall ensure that the DCC is provided with a revised report whenever there is a change to the information in its previous report.

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- 1.25 Where, based upon the report provided by the Registration Data Provider in clause 1.24 of this document the DCC considers that the Registration Data Provider has not adequately Separated its RDP Systems from other systems to which those RDP Systems connect, then to the extent that the failure to adequately Separate poses a threat of Compromise to DCC's Systems, the DCC shall notify the Registration Data Provider, the relevant Network Party, and the Panel and provide an associated explanation.