

**Please note: This document  
contains multiple Detailed Design  
Change Packs**

# Section G: Change Pack

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## G1: Communication Detail

Comm Reference:	2973.1 - MT - PO
Comm Title:	Notice of Delivery of MOD0785 – Aggregate Bacton (exit) Interconnector Points.
Comm Date:	14/02/2022

## G2: Change Representation

Action Required:	For Representation
Close Out Date:	28/02/2022

## G3: Change Detail

Xoserve Reference Number:	XRN5393 (CV02)
Change Class:	Functional
ChMC Constituency Impacted:	Interconnector Shippers, NTS
Change Owner:	NG Transmission
Background and Context:	<p>National Grid has raised UNC Modification 0785 (pending Ofgem approval), to ensure that UNC processes will remain aligned to the National Grid Gas (NGG) plc Gas Transporter Licence change that was amended in December 2021 to aggregate the Bacton Exit Interconnection Points (IP).</p> <p>→ <a href="#">Decision to modify National Grid Gas Plc's Gas Transporter Licence to amend Special Condition 9.13, Appendix 2: combining of two existing NTS Exit Points   Ofgem</a></p> <p>The UNC will be modified to reflect the following arrangements for the Bacton exit IP.</p> <p>The Bacton exit IP is an aggregated exit IP that consists of two individual IPs. The Bacton exit IP comprises:</p> <ul style="list-style-type: none"> <li>• An individual IP in respect of the BBL system.</li> <li>• An individual IP in respect of the INT system.</li> </ul> <p>Processes shall be in relation to either the aggregated exit IP or the individual IPs</p>

## G4: Change Impact Assessment Dashboard (UK Link)

Functional:	Application Changes – Mapping to new NTS Exit Point for Aggregation of Bacton INT & Bacton BBL NTS Exit Capacity and changes to the Eligibility Calculation to use the Aggregated Values used in the NCI Invoice.
Non-Functional:	N/A
Application:	Gemini
User(s):	Interconnector Shippers, NTS
Documentation:	N/A
Other:	N/A

Files				
File	Parent Record	Record	Data Attribute	Hierarchy or Format Agreed
N/A	N/A	N/A	N/A	N/A

## G5: Change Design Description

### Part A Delivery

#### Capacity

Technical capacity and available capacity shall be determined in relation to the aggregated Bacton exit IP. Once determined then NTS capacity may be designated as bundled on PRISMA with either INT or BBL system capacity, in line with the existing rules for bundling at a 1:2 interconnection point.

Processes for bundled capacity shall be in relation to a specific interconnector (as the capacity must be bundled with a specified counterparty). These include:

- Auctions of bundled capacity
- Transfers of bundled capacity
- Surrender of bundled capacity
- Withdrawals of bundled capacity
- Voluntary bundling of capacity

The aggregated Bacton exit IP shall be designated as a Binary Interconnection System Point. The bundled auctions may be competing in line with the existing rules (EID B1.7).

#### Nominations

Nominations and matching shall continue to occur in respect of individual IPs. Allocations (UDQO) shall continue to be made in respect of the individual IPs (notwithstanding that they will be aggregated where required for certain processes e.g., the overrun calculation). A shipper's existing meter IDs for BACTONBBLINT and BACTONINT will continue to be used.

#### Overrun

All capacity, including bundled capacity designated as being held in relation to a specific individual IP, shall be counted as held at the aggregate Bacton exit IP. An overrun shall only occur if the sum of individual IP allocations (i.e., allocations at the aggregate level) exceeds the capacity held at the aggregate level.

#### Operational Balancing Agreement (OBA)

OBAs shall continue to be arranged in respect of the individual IPs.

#### New Aggregate Point and Legacy IP Capacity

The new aggregate point set up for capacity shall be called BactonexitIP. Capacity allocated prior to combining the points (legacy capacity) but registered for a gas day after the combining of the points, shall be migrated to the new aggregate point

Legacy capacity can be used to offtake gas into either interconnector.

#### Charging

Capacity will be charged at the prevailing rate for the new aggregate point. At the time of implementation then any Conditional NTS Capacity Charge Discount (CNCCD) routes where the exit point is one of the individual IPs shall – for the purposes of UNC - be treated as being to the aggregated Bacton exit IP.

### **Part B Delivery**

To minimise impact to Shippers the Bacton INT & Bacton BBL Interconnector registration process remains as is. Each Shipper will be required to register on to the individual Interconnectors and apply for the NTS Optional Capacity rate that is in line with UNC Modification 0728B (Introduction of a Conditional Discount for Avoiding Inefficient Bypass of the NTS).

The following rules will be applied for the aggregate calculation when applying the NTS Optional rate discount.

- Shipper A – Applied for eligible route on Bacton INT but not on Bacton BBL. The NTS Optional rate discount will be applied to both at an aggregated level
- Shipper A – Applied for eligible route on Bacton BBL but not on Bacton INT. The NTS Optional rate discount will be applied to both at an aggregated level
- Shipper A – Applied for eligible route with the same input Terminal at Bacton INT and Bacton BBL. The NTS Capacity Discount Rate will be applied to both at an aggregated level

Where a User has applied for both eligible routes on Bacton INT and Bacton BBL with the same input Terminal and wishes to disapply from the aggregate Bacton exit IP, the User will be required to disapply from both Bacton INT and Bacton BBL individually.

For information: where a Shipper is registered on both Bacton INT and Bacton BBL Interconnectors and has opted for NTS Capacity Discount Rate on each with a different input Terminal, the Shipper will be required to remove the NTS Capacity Discount Rate from

one of the routes by submitting the Interconnector Tariff Switch Request File (TSI). To be effective on the UNC Modification Implementation date this activity will be required to be completed by 21<sup>st</sup> Feb. Where this activity has not been carried out by the User this will be carried out by the CDSP.

For gas days from the UNC Modification Implementation date, where a shipper is currently registered for NTS Optional Capacity Discount at Bacton INT or Bacton BBL and submits a Confirmation (RCI) request with a different route to that already registered, this will be rejected. As it should be for the same input Terminal on both routes.

**NTS Optional Capacity Invoice (.NCI)**

The following steps will be required to enable the calculation of the relevant eligible quantity.

- The aggregate of the allocations for the individual Logical Meter Numbers (LMNs) at Bacton INT and Bacton BBL will be aggregated for the purpose of the eligible quantity calculation
- The Entry and Exit eligible quantity will be derived from the aggregated NTS Bacton exit IP
- The Entry and Exit eligible quantity apportionment will be based on the Exit flows at Bacton INT and Bacton BBL

For the Transportation Services (TS) calculation the following will be required.

- The discounted percentage will be applied at the aggregated NTS Bacton exit IP for Bacton INT and Bacton BBL
- The Credit and Discount charges at the aggregated NTS Bacton exit IP will be calculated at each LMN based on the apportioned eligible quantity

**NTS Exit Capacity Invoice (.NXC)**

For the purpose of the NTS Exit Overrun charges the following will be applicable.

- The Overrun price will be calculated at the new aggregated NTS Bacton exit IP
- For the Overrun quantity this will be calculated at the new aggregated NTS Bacton exit IP by aggregating the allocations from Bacton INT and Bacton BBL
- The Overrun charge will be calculated at the new aggregated NTS Bacton exit IP based on the Overrun price and aggregate quantity calculated for each Gas Day in a calendar month

Please be advised that as a result of this change there will be no amendment to the existing Revenue Recovery Charges.

**G6: Associated Changes**

Associated Change(s) and Title(s):	There are no associated changes.
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## G7: DSG

Target DSG discussion date:	N/A
Any further information:	No further information is required

## G8: Implementation

Target Release:	Part A – 25/02/22 and Part B – 03/04/22 dependant on OFGEM approval of UNC Modification 0785
Status:	Awaiting approval UNC Modification 0785

# Section H: Representation Response

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*No representation responses were received for this Change Pack*

## Section G: Change Pack

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### G1: Communication Detail

Comm Reference:	2955.4 – MT – PO
Comm Title:	Notice of Delivery of Gemini Spring 22 Release (UNC MODS 0752S, 0755S & 0759S)
Comm Date:	17/01/2022

### G2: Change Representation

Action Required:	For Representation
Close Out Date:	31/01/2022

### G3: Change Detail

Xoserve Reference Number:	XRN5393
Change Class:	Functional
ChMC Constituency Impacted:	Shippers, NG Transmission
Change Owner:	Matt Rider <a href="mailto:matt.rider@correla.com">matt.rider@correla.com</a>
Background and Context:	<b>UNC MOD0752S - Introduction of Weekly Entry Capacity Auction:</b> Shippers are required to book a unit of National Transmission System (NTS) Entry Capacity for every unit of gas entered onto the NTS. Under the current arrangements, only monthly or quarterly products are available outside of the daily product which restricts Shippers ability to book Capacity efficiently where they:

- a) Cannot rely on the Daily System Entry Capacity Auctions because of the potential withholding of Capacity by National Grid because of a constraint; or
- b) Want to purchase Capacity ahead of the Gas Day for planning purposes

Any inefficient Capacity Bookings made by Shippers not only unnecessarily increase their overall cost of acquiring Capacity but also restrict the amount of Capacity available at the daily auctions for other Shippers.

The cost associated with these inefficient bookings has increased by the implementation of UNC Modification 0678A 'Amendments to Gas Transmission Charging Regime (Postage Stamp)', which removed the commodity charge element (only payable on flows) and at all Entry Points increased the Reserve Price applicable to any Capacity Bookings.

Introduction of 0752S Introduction of Entry Capacity Auctions will give Users an additional opportunity to effectively purchase Capacity in shorter straws. Identified benefits include Capacity bookings which better reflect anticipated gas flows and therefore reduction in costs of acquiring unwanted Capacity (which might be the case when purchasing longer term product).

**UNC MOD0755S - Enhancement of Exit Capacity Assignments:**

The UNC currently allows for full assignment of Capacity and liability between Users at an Exit Point. This Modification proposes to enhance the current Assignment offering by providing the ability to assign Capacity at Exit Points both in full and in part.

Enhancing Exit Capacity Assignments gives Users an added level of flexibility, and reduces the risks associated with booking longer term Capacity.

Users are currently able to trade Capacity on the secondary market which enables them to more accurately match their Capacity holdings to their expected flows. However, this puts an administrative burden on the original Capacity holder in setting up the initial payment arrangement and in ongoing invoicing and account management which could be a barrier in using existing processes to some Users.

The ability to assign partial volumes would also benefit new NTS Users who could arrange to take on Long-Term Capacity with liabilities via partial assignment rather than relying on the Short-Term Markets (i.e. daily Capacity products) to fulfil their obligations to customers.

**UNC MOD0759S - Enhancements to NTS Within-Day Firm Entry and Exit Capacity Allocations:**

The Capacity regime incentivises Users to align their Capacity Bookings to flows. Discussions within Workgroup 0705R have highlighted that the current Exit within-day Firm product can hinder this alignment as it only allocates Capacity five times throughout the Gas Day at 08:00, 14:00, 18:00, 22:00 and 01:00. Since the implementation of UNC Modification 0678A



	<p>Amendments to Gas Transmission Charging Regime on 1st October 2020 which resulted in an increase to the Capacity Reserve prices and the removal of the zero priced Capacity, the incentive to align Capacity to flow has increased.</p> <p>Currently, the last allocation for both NTS Entry and Exit Capacity is at 01:00 in the Gas Day. This prevents Users being able to secure Capacity in the final 4 hours of the Gas Day. This is further hampered by the closure of the bid window at 00:00 for NTS Exit Capacity and 01:00 for NTS Entry Capacity. Users currently have no formal timescales of when they are to be notified of their NTS Exit Capacity Allocation which can create uncertainty.</p> <p>NTS Directly Connected customers expressed the need to have more frequent NTS Exit Capacity Allocations as this would allow them greater flexibility to react to market conditions. For example, gas fired power generation is increasingly acting as a back-up to renewable electricity generation. Accessing NTS Exit Capacity in a more responsive manner is fundamental when conditions for renewable generation change.</p> <p>The limited number of NTS Exit Capacity allocations currently available in the within-day NTS Exit product does not provide frequent enough opportunity for NTS Exit Capacity to be secured by NTS customers. The ability to request the Capacity later in the Gas Day will enable Users to better match their Capacity Bookings with their flows at the time when there can be a significant degree of activity.</p> <p>To maximise the benefit of the later allocation the bid invitation window requires extending to enable Users to submit Bids closer to Allocation. Lastly, this proposal is introducing the concept of a Capacity Allocation Period for Exit. Currently the NTS Obligation to allocate Capacity within specific period exists on Entry only (UNC section B2.4.15 (c)). Introduction of similar NTS commitment on Exit will give Users more assurance that the Capacity booked will be allocated within a specific timeframe.</p>
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#### G4: Change Impact Assessment Dashboard (UK Link)

Functional:	Application Changes - Gemini Screens and File Format Amendment
Non-Functional:	N/A
Application:	Gemini
User(s):	Shippers, NTS
Documentation:	N/A
Other:	N/A

Files
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File	Parent Record	Record	Data Attribute	Hierarchy or Format Agreed
NXC	X03	N/A	REQUEST_ID	No format changes. However, description changes introduced

## G5: Change Design Description

### **UNC MOD0752s Introduction of Weekly Entry Capacity Auction** <https://www.gasgovernance.co.uk/0752>

As a result of this Modification the following changes will be applied;

- A change to the Rolling Monthly Surrender (RMTISSEC) bid window and the Rolling Monthly (RMTNTSEC) auction bid window and process window timeframes. The Surrender window will take place on the last Business day (M-2) of every calendar month with the invitation for this Surrender window issued out two Business days prior to the window opening. For RMTNTSEC this will take place on the seventh Business day of every calendar month (M-1). Allocations will be no later than the 10<sup>th</sup> Business day of each month (M-1)
- The Introduction of a new Method of Sale (MoS) for weekly auctions to enable Shippers to place bids (on D-10, when 'D' is always a Monday) using the new weekly MoS (WSEC)
- Please note that bids for the new Weekly System Entry Capacity (WSEC) MoS will also be possible via APIs
- No new charge types will be introduced. Any new charges generated will be included under the existing DFC charge type within the NTS Entry Capacity (.NTE) invoice
- It is expected that there will be the introduction of new screens as well as amendments to existing screens. There will also be enhancements to other current shipper reports. The detail of these will be provided in due course via an external Screen Pack and a Shipper Awareness Pack
- Weekly Auction results (for available and booked Capacity) will be shown in the NORD07 report within MIPI (Capacity table for non IPs)

### **UNC MOD0755s Enhancement of Exit Capacity Assignments** <https://www.gasgovernance.co.uk/0755>

As a result of this Modification the following changes will be applied:

- Changes to the existing Assignment processes to introduce new screen(s) for Shippers that will allow partial assignment registration (GB locations)
- The introduction of the partial Assignment process at IP locations (Annual Yearly unbundled Capacity only)
- It is expected that there will be the introduction of new screens as well as amendments to existing screens. The detail for this will be provided in due course via an external Screen Pack and a Shipper Awareness Pack
- The User Commitment Report will be enhanced. More detailed information will be provided in due course via an external Screen Pack and a Shipper Awareness Pack

- NTS Exit Capacity Invoice (.NXC) Amendments – The system will generate a unique ID for Assignments. However, the Invoice file will be amended to include a more detailed description for 'Enduring/Annual' quantity within the Request ID field in the X03\_NTS\_Exit\_Flat\_Capacity record  
For example; the System will generate Assignment ID '55'. For Shipper transparency the description will be;
  - Enduring '55'
  - Annual '55'
- Please note that there is no file format change to functionality only to the description information in the file format document
- Enhancements will be made to the 'Firm Exit Capacity Assignments Summary' report within MIPI
- The new version of the NTS Exit Capacity Invoice (.NXC) with the updated description can be found [here](#).

**UNC MOD0759s Enhancements to NTS Within-Day Firm Entry and Exit Capacity Allocations(<https://www.gasgovernance.co.uk/0759>)**

As a result of this Modification the following changes will be applied;

- No new screens or process changes will be introduced
- There will be the introduction of hourly allocations for NTS Exit Capacity commencing as of 06:00
- Provision of an additional NTS Entry and Exit Capacity Allocation Period at 02:00
- The extension to the NTS Entry and Exit Capacity bid invitation windows up until the time of the last Capacity Allocation Period
- The introduction of a 30-minute Capacity Allocation Period for NTS Exit Capacity

## G6: Associated Changes

Associated Change(s) and Title(s):	There are no associated changes.
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## G7: DSG

Target DSG discussion date:	<a href="#">Click here to enter a date.</a>
Any further information:	No further information is required

## G8: Implementation

Target Release:	24 <sup>th</sup> April 2022
Status:	Delivery of Regulatory Uniform Network Code Modifications 0752S, 0755S & 0759S

Please see the following page for representation comments template; responses to [uklink@xoserve.com](mailto:uklink@xoserve.com)



# Section H: Representation Response

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*We received no responses to this change pack.*

# Section G: Change Pack

## G1: Communication Detail

Comm Reference:	2973.1 - MT - PO
Comm Title:	Notice of Delivery of MOD0785 – Aggregate Bacton (exit) Interconnector Points.
Comm Date:	14/02/2022

## G2: Change Representation

Action Required:	For Representation
Close Out Date:	28/02/2022

## G3: Change Detail

Xoserve Reference Number:	XRN5393 (CV02)
Change Class:	Functional
ChMC Constituency Impacted:	Interconnector Shippers, NTS
Change Owner:	NG Transmission
Background and Context:	<p>National Grid has raised UNC Modification 0785 (pending Ofgem approval), to ensure that UNC processes will remain aligned to the National Grid Gas (NGG) plc Gas Transporter Licence change that was amended in December 2021 to aggregate the Bacton Exit Interconnection Points (IP).</p> <p>→ <a href="#">Decision to modify National Grid Gas Plc's Gas Transporter Licence to amend Special Condition 9.13, Appendix 2: combining of two existing NTS Exit Points   Ofgem</a></p> <p>The UNC will be modified to reflect the following arrangements for the Bacton exit IP.</p> <p>The Bacton exit IP is an aggregated exit IP that consists of two individual IPs. The Bacton exit IP comprises:</p> <ul style="list-style-type: none"> <li>• An individual IP in respect of the BBL system.</li> <li>• An individual IP in respect of the INT system.</li> </ul> <p>Processes shall be in relation to either the aggregated exit IP or the individual IPs</p>

## G4: Change Impact Assessment Dashboard (UK Link)

Functional:	Application Changes – Mapping to new NTS Exit Point for Aggregation of Bacton INT & Bacton BBL NTS Exit Capacity and changes to the Eligibility Calculation to use the Aggregated Values used in the NCI Invoice.
Non-Functional:	N/A
Application:	Gemini
User(s):	Interconnector Shippers, NTS
Documentation:	N/A
Other:	N/A

Files				
File	Parent Record	Record	Data Attribute	Hierarchy or Format Agreed
N/A	N/A	N/A	N/A	N/A

## G5: Change Design Description

### Part A Delivery

#### Capacity

Technical capacity and available capacity shall be determined in relation to the aggregated Bacton exit IP. Once determined then NTS capacity may be designated as bundled on PRISMA with either INT or BBL system capacity, in line with the existing rules for bundling at a 1:2 interconnection point.

Processes for bundled capacity shall be in relation to a specific interconnector (as the capacity must be bundled with a specified counterparty). These include:

- Auctions of bundled capacity
- Transfers of bundled capacity
- Surrender of bundled capacity
- Withdrawals of bundled capacity
- Voluntary bundling of capacity

The aggregated Bacton exit IP shall be designated as a Binary Interconnection System Point. The bundled auctions may be competing in line with the existing rules (EID B1.7).

#### Nominations

Nominations and matching shall continue to occur in respect of individual IPs. Allocations (UDQO) shall continue to be made in respect of the individual IPs (notwithstanding that they will be aggregated where required for certain processes e.g., the overrun calculation). A shipper's existing meter IDs for BACTONBBLINT and BACTONINT will continue to be used.

#### Overrun

All capacity, including bundled capacity designated as being held in relation to a specific individual IP, shall be counted as held at the aggregate Bacton exit IP. An overrun shall only occur if the sum of individual IP allocations (i.e., allocations at the aggregate level) exceeds the capacity held at the aggregate level.

#### Operational Balancing Agreement (OBA)

OBAs shall continue to be arranged in respect of the individual IPs.

#### New Aggregate Point and Legacy IP Capacity

The new aggregate point set up for capacity shall be called BactonexitIP. Capacity allocated prior to combining the points (legacy capacity) but registered for a gas day after the combining of the points, shall be migrated to the new aggregate point

Legacy capacity can be used to offtake gas into either interconnector.

#### Charging

Capacity will be charged at the prevailing rate for the new aggregate point. At the time of implementation then any Conditional NTS Capacity Charge Discount (CNCCD) routes where the exit point is one of the individual IPs shall – for the purposes of UNC - be treated as being to the aggregated Bacton exit IP.

### **Part B Delivery**

To minimise impact to Shippers the Bacton INT & Bacton BBL Interconnector registration process remains as is. Each Shipper will be required to register on to the individual Interconnectors and apply for the NTS Optional Capacity rate that is in line with UNC Modification 0728B (Introduction of a Conditional Discount for Avoiding Inefficient Bypass of the NTS).

The following rules will be applied for the aggregate calculation when applying the NTS Optional rate discount.

- Shipper A – Applied for eligible route on Bacton INT but not on Bacton BBL. The NTS Optional rate discount will be applied to both at an aggregated level
- Shipper A – Applied for eligible route on Bacton BBL but not on Bacton INT. The NTS Optional rate discount will be applied to both at an aggregated level
- Shipper A – Applied for eligible route with the same input Terminal at Bacton INT and Bacton BBL. The NTS Capacity Discount Rate will be applied to both at an aggregated level

Where a User has applied for both eligible routes on Bacton INT and Bacton BBL with the same input Terminal and wishes to disapply from the aggregate Bacton exit IP, the User will be required to disapply from both Bacton INT and Bacton BBL individually.

For information: where a Shipper is registered on both Bacton INT and Bacton BBL Interconnectors and has opted for NTS Capacity Discount Rate on each with a different input Terminal, the Shipper will be required to remove the NTS Capacity Discount Rate from



one of the routes by submitting the Interconnector Tariff Switch Request File (TSI). To be effective on the UNC Modification Implementation date this activity will be required to be completed by 21<sup>st</sup> Feb. Where this activity has not been carried out by the User this will be carried out by the CDSP.

For gas days from the UNC Modification Implementation date, where a shipper is currently registered for NTS Optional Capacity Discount at Bacton INT or Bacton BBL and submits a Confirmation (RCI) request with a different route to that already registered, this will be rejected. As it should be for the same input Terminal on both routes.

**NTS Optional Capacity Invoice (.NCI)**

The following steps will be required to enable the calculation of the relevant eligible quantity.

- The aggregate of the allocations for the individual Logical Meter Numbers (LMNs) at Bacton INT and Bacton BBL will be aggregated for the purpose of the eligible quantity calculation
- The Entry and Exit eligible quantity will be derived from the aggregated NTS Bacton exit IP
- The Entry and Exit eligible quantity apportionment will be based on the Exit flows at Bacton INT and Bacton BBL

For the Transportation Services (TS) calculation the following will be required.

- The discounted percentage will be applied at the aggregated NTS Bacton exit IP for Bacton INT and Bacton BBL
- The Credit and Discount charges at the aggregated NTS Bacton exit IP will be calculated at each LMN based on the apportioned eligible quantity

**NTS Exit Capacity Invoice (.NXC)**

For the purpose of the NTS Exit Overrun charges the following will be applicable.

- The Overrun price will be calculated at the new aggregated NTS Bacton exit IP
- For the Overrun quantity this will be calculated at the new aggregated NTS Bacton exit IP by aggregating the allocations from Bacton INT and Bacton BBL
- The Overrun charge will be calculated at the new aggregated NTS Bacton exit IP based on the Overrun price and aggregate quantity calculated for each Gas Day in a calendar month

Please be advised that as a result of this change there will be no amendment to the existing Revenue Recovery Charges.

**G6: Associated Changes**

Associated Change(s) and Title(s):	There are no associated changes.
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## G7: DSG

Target DSG discussion date:	N/A
Any further information:	No further information is required

## G8: Implementation

Target Release:	Part A – 25/02/22 and Part B – 03/04/22 dependant on OFGEM approval of UNC Modification 0785
Status:	Awaiting approval UNC Modification 0785

# Section H: Representation Response

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*No representation responses were received for this Change Pack*