

# COR880

## Gemini 2008 Release (Summer)

UKL13950  
UK Link Committee  
14<sup>th</sup> February 2008

# Gemini Release 2008 (Summer)

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In response to a request from National Grid Transmission a number of changes have been combined to form one release with a planned implementation date of 17th August 2008.

- The following Change Orders are included within the scope of the release:
- Introduction of New Interconnector Functionality
- New Entry Capacity Licence Obligations introduced as part of TPCR.
- Transportation Owner (TO) Commodity Charge Rebate & Retrospective Negative TO Commodity Charge
- Amending the Scaleback Calculation within Gemini and the Restoration of Interruptible Capacity Rights Post Scaleback

# Planned Implementation Date

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The planned implementation date of 17<sup>th</sup> August 2008 is primarily driven by the New Entry Capacity Licence Obligations change which needs to be implemented in time for the QSEC auction currently scheduled for September 2008. This implementation date is outside of Mod 10 timescales, both in terms of the implementation date and the notice period.

Implementation outage of 4am to 9am with a contingency to 11am.

Invoicing File Formats will have an effective date of 27<sup>th</sup> February 2009 – in-line with MOD010 notification timescales.

Screen changes/additions will have immediate effect following implementation on 17<sup>th</sup> August 2008.

# Introduction of New Interconnector Functionality

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## Screens:

- No changes

## Interface Files:

- No changes

## Data:

- Entry and Exit meters can be created and modified for any new or existing Interconnectors.

# New Entry Capacity Licence Obligations

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## Screens:

- 3 impacted screens
  - Capacity and Revenue by Quantity Holder
  - Demand Driven Price
  - Original Clearing Price

## Interface Files:

- No changes

## Data:

- New Quantity Holders and associated revenue and/or capacity included within the above screens. Change of flag on Demand Driven Price screen.

# New Entry Capacity Licence Obligations Capacity & Revenue by Quantity Holder

The screenshot shows the GEMINI web application interface. At the top, there's a navigation bar with tabs: Product, Trade, Deal, Constraints, Meter Details, Nominations, OCM, Allocations, and Measurement. Below this, there's a user information section with 'User Name: XABC1901' and 'User Role: IGMS019'. The main content area is titled 'Capacity & Revenue By Quantity Holder' and contains a table with the following data:

Location	Sub Transaction Period	Available Baseline (kWh)	Perm. Obl. G5yrs(kWh)	Perm. Obl. L5yrs(kWh)	Funded Incremental (kWh)	Non Obligated (kWh)	Accelerated Non Obl Release (kWh)
BA	01-Sep-2008to30-Nov-2023	999,000	0	0	0	0	0
BR	01-Sep-2008to30-Nov-2023	1,000,000	0	0	0	0	0
Total:		1,999,000	0	0	0	0	0

At the bottom of the table, there is a 'Generate Report' button. The interface also includes various filters and controls like 'Product\*', 'Method of Sale\*', 'Transaction Period\*', 'Location\*', and 'View'.

The new Quantity Holders names will be displayed as Available Baseline, Perm. Obl. G5yrs, Perm. Obl. L5yrs, Funded Incremental, Non Obligated and Accelerated Non Obl Release

# New Entry Capacity Licence Obligations Demand Driven Price Screen

**GEMINI** Environment:env158gm You are here : Home > Product > Publish Reports > MoS Results > Demand Driven Price

Product: ENTRY CAPACITY FIRM PRIMARY Method of Sale: QSEC Transaction Period: 01-Oct-2004 to 30-Sep-2017  
 Bid Window Details: 15-Jan-2003 08:00:00 to 28-Jan-2003 17:00:00 Location: BA Sub Transaction Period: 01-Oct-2004 to 31-Dec-2004

Sub Transaction Period	01-Oct-2004 to 31-Dec-2004		
Price Level	Price (p/kWh)	Requested Capacity (kWh)	No. of Bidders
P19	0.0075	323,997,676	7
P18	0.0074	324,406,922	7
P17	0.0073	324,816,168	7
P16	0.0072	325,225,414	7
P15	0.0071	325,634,660	7
P14	0.0070	326,043,905	7
P13	0.0069	326,453,151	7
P12	0.0068	326,862,397	7
P11	0.0067	327,361,643	7
P10	0.0066	327,880,889	7
P9	0.0065	335,879,284	7
P8	0.0064	338,884,913	7
P7	0.0063	344,486,925	7
P6	0.0062	350,088,939	7
P5	0.0061	355,690,950	7
P4	0.0060	376,871,261	7
P3	0.0059	385,069,656	7
P2	0.0058	399,129,474	8
P1	0.0057	407,327,869	8
P0	0.0056	615,714,761	12

-> Stability Measure

This screen shows the 'Clearing Price' as 'Stability Measure' before Allocation. The Shaded Region in the screen shows the 'Stability Measure' Price Level. It is currently 'Clearing Price' within the Gemini Application.

# New Entry Capacity Licence Obligations Original Clearing Price Screen -> Supply Price Screen

Original Supply Price - Microsoft Internet Explorer

**GEMINI** Smell Gas ? Call free on 0800 111 999  
all calls are recorded and may be monitored

Product Trade Deal Constraints Meter Details Nominations DCM Allocations Measurement

Messages-534 User Name: XABC1901 BA: ABC User Role: IGMS019

**GEMINI** Environment:env133 You are here : Home > Product > Publish Reports > MoS Results > Original Supply Price Product

WAP Bids/Shippers Max/Min Price Info Sold/UnSold Demand driven Price **Original Supply Price** Capacity & Revenue By QuantityHolder

Product\*: ENTRY CAPACITY FIRM PRIMARY Method of Sale\*: QSEC Transaction Period\*: 01-Apr-2006 to 31-Mar-2021

Bid Window Details\*: 16-Sep-2004 08:00:00 to 29-Sep-2004 17:00:00 Location: AV BA BP Sub Transaction Period: 01-Apr-2006 to 30-Jun-2006 01-Jul-2006 to 30-Sep-2006 01-Oct-2006 to 31-Dec-2006

Query Clear

Location	Sub Transaction Period	Original Supply Price Level	Original Supply Price (p/kWh)	New Supply Price Level	New Supply Price (p/kWh)	Supply Price Level Change Reason
BS	01-Jul-2006 to 30-Sep-2006	P0	0.0000	P6	0.0006	Incremental ...
BS	01-Oct-2006 to 31-Dec-2006	P0	0.0000	P6	0.0006	Incremental ...
BS	01-Jan-2007 to 31-Mar-2007	P0	0.0000	P6	0.0006	Incremental ...
BS	01-Apr-2007 to 30-Jun-2007	P0	0.0000	P6	0.0006	Incremental ...
BS	01-Jul-2007 to 30-Sep-2007	P0	0.0000	P6	0.0006	Incremental ...
BS	01-Oct-2007 to 31-Dec-2007	P0	0.0000	P6	0.0006	Incremental ...
BS	01-Jan-2008 to 31-Mar-2008	P0	0.0000	P6	0.0006	Incremental ...
BS	01-Apr-2008 to 30-Jun-2008	P0	0.0000	P6	0.0006	Incremental ...
BS	01-Jul-2008 to 30-Sep-2008	P0	0.0000	P6	0.0006	Incremental ...
BS	01-Oct-2008 to 31-Dec-2008	P0	0.0000	P6	0.0006	Incremental ...
BS	01-Jan-2009 to 31-Mar-2009	P0	0.0000	P6	0.0006	Incremental ...
BS	01-Apr-2009 to 30-Jun-2009	P0	0.0000	P6	0.0006	Incremental ...
BS	01-Jul-2009 to 30-Sep-2009	P0	0.0000	P6	0.0006	Incremental ...
BS	01-Oct-2009 to 31-Dec-2009	P0	0.0000	P6	0.0006	Incremental ...
BS	01-Jan-2010 to 31-Mar-2010	P0	0.0000	P6	0.0006	Incremental ...

08-Feb-2008 17:40:59 BST Local intranet

The 'Original Supply Price' Screen name changed from 'Original Clearing Price'. The label name changes follows:  
 'Original Clearing Price Level' to 'Original Supply Price Level', 'Original Clearing Price' to 'Original Supply Price'  
 'New Clearing Price Level' to 'New Supply Price Level' and 'New Clearing Price' to 'New Supply Price'



# Amending the Scaleback Calculation

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## Screens:

- 1 impacted screen
  - Constraint History, renamed Constraint / Restoration History

## Interface Files:

- No changes

## Data:

- Restoration information on the existing Constraint History Screen

# Amending the Scaleback Calculation Constraint History Screen

Constraint/Restoration History - Microsoft Internet Explorer

**GEMINI** Smell Gas ? Call free on 0800 111 999  
*all calls are recorded and may be monitored*

Product Trade Deal Constraints Meter Details Nominations OCM Allocations Measurement

Messages-534 User Name: XABC1901 BA: ABC User Role: IGMS019

**GEMINI** Environment: Prototype You are here : Home > Constraints > Constraint/Restoration History > Query  
Constraint Management

**Constraint/Restoration History**

Product Type\*: Entry Capacity Location\*: AV  
Period From\*: 20-Jan-2002 Period To\*: 01-Feb-2002

Query Clear

Location	Gas Day	Constraint/Restoration	Effective Constraint/Restoration Time	Available Quantity (kWh)	ICF	Status	Action
AV	23-Jan-2002	Constraint	12:00	60,000,000	0.6	Confirmed	
AV	24-Jan-2002	Restoration	13:00	60,000,000	0.9	Confirmed	

14:42:16 Local intranet

A new column is introduced to identify any constraints or restorations. The column is named as 'Constraint/Restoration'. 'Constraint Time' column is changed to 'Effective Constraint/Restoration Time'.

# TO Commodity Charge Rebate

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## Screens:

- No changes

## Interface Files:

- Amendment to the Entry Commodity Invoice File Format
  - Creation of 4 New Charge Types
    - TOR, TAR (*Adjustment*) – *TO Rebate Charges*
    - TOC, TAC (*Adjustment*) – *Credit Charges*
  - Creation of 4 New Record Types within ECO file format
    - K24, K26
    - K25, K27
  - Creation of 4 New Ad-hoc Charge Types (Contingency Arrangements)
    - K30, K32
    - K31, K33

## Data:

- Data associated with Rebate and Credit charges on invoice file format.

# TO Commodity Charge Rebate

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## TOR File Format Fields

- Transaction Type
- Invoice Number
- Charge Type Code
- Charge Type Description
- Terminal ID
- Terminal Name Description
- Period From
- Period To
- Terminal UDQI
- Eligible Shorthaul Quantity
- Rebatable UDQI
- Rebate Ratio
- TO Rate
- Charges Due

# TO Commodity Charge Rebate

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## TAR File Format Fields

- Transaction Type
- Invoice Number
- Charge Type Code
- Charge Type Description
- Terminal ID
- Terminal Name Description
- Period From
- Period To
- Terminal UDQI
- Eligible Shorthaul Quantity
- Rebatable UDQI
- Original Rebate Ratio
- Additional Rebate Ratio
- TO Rate
- Charges Due

# TO Commodity Charge Rebate

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## TOC File Format Fields

- Transaction Type
- Invoice Number
- Charge Type Code
- Charge Type Description
- Terminal ID
- Terminal Name Description
- Period From
- Period To
- Terminal UDQI
- Eligible Shorthaul Quantity
- Rebatable UDQI
- Aggregate Rebatable UDQI
- BA Percentage
- GCM11 Over recovery Amount
- Charges Due

# TO Commodity Charge Rebate

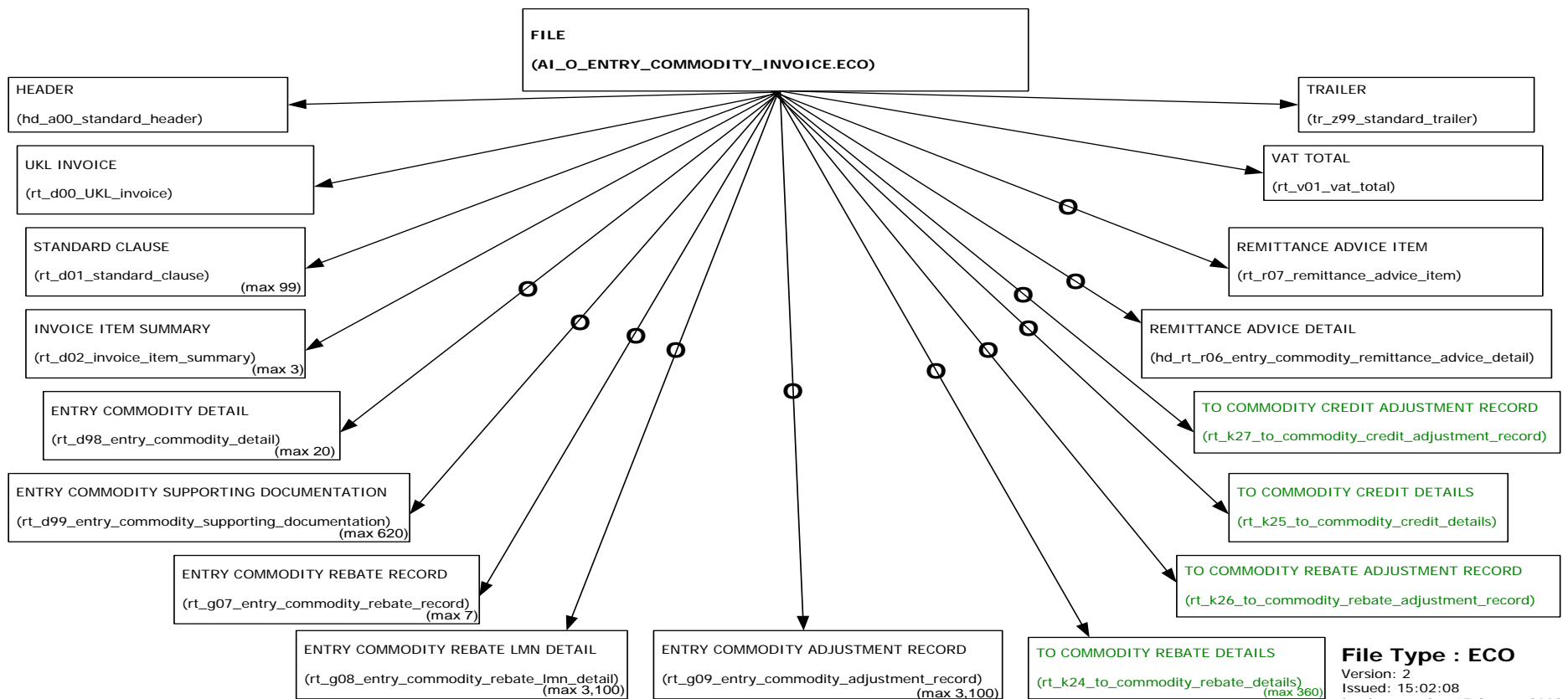
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## TAC File Format Fields

- Transaction Type
- Invoice Number
- Charge Type Code
- Charge Type Description
- Terminal ID
- Terminal Name Description
- Period From
- Period To
- Terminal UDQI
- Eligible Shorthaul Quantity
- Rebatable UDQI
- Aggregate Rebatable UDQI
- BA Percentage
- Original GCM11 Over recovery Amount
- Additional GCM11 Over recovery Amount
- Charges Due

# TO Commodity Charge Rebate

- NTS Entry Commodity Invoice Hierarchy - NTS Entry Commodity Invoice





# Contacts

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If you would like further information regarding the Release you can contact a member of the project team.

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