

Capacity Overview

1. Auctions

2. Secondary Market :-

Bulletin Board

Trade Registration

Entry Capacity

- ◆ Shipper obtains capacity holdings which are released via various Auctions
- ◆ If Shipper has surplus/shortfall this can be traded on the secondary market between shippers
- ◆ If there is a forecast/actual constraint
 - ◆ Interruptible capacity may be reduced or removed
 - ◆ Firm capacity may be bought back via auction

Auction Products –

- ◆ **Auctions to release capacity**

Long term

- ◆ Quarterly System Entry Capacity (QSEC)
Yr + 2 to Yr +16 held once a year (last held Sep 2007)
- ◆ Annual Monthly System Entry Capacity (AMSEC)
Mth +2 to Yr + 2 held once a year (last held Feb 2008)
- ◆ Rolling Monthly System Entry (RMSEC)
Month + 1 , held monthly (last held end of Mar 2007)
- ◆ Short term - Day ahead DADSEC
 Within day WDSEC
 - interruptible DISEC

- ◆ **Auctions to buy back capacity**

Used for constraint management – buy back firm .

Daily Auction Times

Daily Interruptible – Bid window 0700hrs D-7 to D-1 1300hrs
(DISEC) Single Auction held by 1500hrs on D-1

Day Ahead Firm – Bid window 0600 D-7 to 0100hrs D-1
(DADSEC)

Within Day Firm – Bid window 0200 D-1 to 0200 D0
(WDSEC) Auctions run hourly from 0700hrs D0 to
0200hrs D0

DISEC Auctions

- Single auction by 1500hrs D-1.

Once DADSEC Auctions Processed

- ◆ When allocation process is completed unallocated bids can be amended or withdrawn. Those left unallocated will be carried forward to the next processing time unless withdrawn by the user.
- ◆ For DADSEC a bid transfer field will also be available for selection. If this is selected the bid if unallocated will roll into WDDSEC.

WDSEC Auction process completed

- ◆ Obligated to run one clearing Auction a day
- ◆ Further release dependant on operational grid Conditions.
- ◆ Unallocated bids can be amended or withdrawn. Those left unallocated will be carried forward to the next processing time unless withdrawn by user.

Bulletin Board/ Trading registration

Two Functional Areas

- ◆ Bulletin Board provides the facility to **advertise** offers to sell and bids to buy.

Deal executed outside of Gemini, only registered on Gemini

- ◆ Trade Registration for the selling shipper to register the trade and for the buying shipper to confirm the trade

Menu Screens for Trading

The screenshot displays the GEMINI trading interface. At the top, there are tabs for 'Product', 'Trade', 'Deal', and 'Constraints'. The 'Trade' tab is active. Below the tabs, there is a navigation bar with 'Messages - 0', 'User Name', 'BA: Transco', and 'User Role: tcms005'. The 'GEMINI' logo is on the left, and a 'Home' button is on the right. A dropdown menu is open under the 'Trade' tab, showing options: 'Setup Parameters', 'Post Trades to Bulletin Board', and 'Trading'. Two arrows point from callout boxes to these options. The 'Post Trades to Bulletin Board' option is highlighted with a light blue oval and labeled 'Viewing and creating advertisements'. The 'Trading' option is highlighted with a light blue oval and labeled 'For registering and confirming trades'. In the center of the page, there is a large graphic with the letters 'O & T' and 'Operations and Trading' below it, next to a map of the UK with a power grid overlay. At the bottom, there are links for 'About Gemini | Site Map | Contacts'.

Viewing and creating advertisements

For registering and confirming trades

Create advertisement

- From the trade drop down menu select post trades to bulletin board


GEMINI Trade You are here : Home > Trade > Post Trades to Bulletin Board

Bulletin Board

Product Type*: Product Category*: Service Type*:

Location*: Trade Type*:

Select Add Button



grid

Enter the data for the advertisement

GEMINI Trade You are here : Home > Trade > Post Trades to Bulletin Board

Post New Trade

BA*:	Abbreviated BA Name*:	BA Name*
Product Type*: --Select--	Product Category*: --Select--	
Service Type*: --Select--	Trade Type*: --Select--	
Location*: --Select--		
Period From*: <input type="text"/>	Period To*: <input type="text"/>	
Min Quantity(kWh)*: <input type="text"/>	Max Quantity(kWh)*: <input type="text"/>	
Expiry Date*: <input type="text"/>	Expiry Time(HH24)*: <input type="text"/>	
Trade Price (p/kWh): <input type="text"/>		
Contact Name: ACC1	Contact Number: 080-8520411	

Click on the save button

Capacity Trade Board view details

GEMINI

Capacity Trading

You are here : Trade > Bulletin Board

Bulletin Board

Product Type*: Category: Service Type:

Location*: Trade Type*:

Select	Location	Business Associate	Trade Type	Period From	Period To	Min Quantity (kWh)	Max Quantity (kWh)	Trade Price (p/kWh)	Expiry Date	Expiry Time	
<input type="radio"/>	BA		Sell	23-Oct-2001	23-Oct-2001	2,930,310	2,930,310	.5000	31-Oct-2001	17:00	<input type="button" value="M"/>
<input type="radio"/>	TE		Sell	23-Oct-2001	23-Oct-2001	2,930,310	2,930,310	.5000	31-Oct-2001	17:00	<input type="button" value="M"/>
<input type="radio"/>	BR		Sell	23-Oct-2001	23-Oct-2001	2,930,310	2,930,310	.5000	31-Oct-2001	17:00	
<input type="radio"/>	BA		Sell	23-Oct-2001	23-Oct-2001	2,930,310	2,930,310	.5000	31-Oct-2001	17:00	<input type="button" value="M"/>
<input type="radio"/>	SF		Sell	23-Oct-2001	23-Oct-2001	2,930,310	2,930,310	.5000	31-Oct-2001	17:00	
<input type="radio"/>	TE		Sell	23-Oct-2001	23-Oct-2001	2,930,310	2,930,310	.5000	31-Oct-2001	17:00	<input type="button" value="M"/>
<input type="radio"/>	TE		Sell	23-Oct-2001	23-Oct-2001	2,930,310	2,930,310	.5000	31-Oct-2001	17:00	<input type="button" value="M"/>
<input type="radio"/>	TE		Sell	23-Oct-2001	23-Oct-2001	2,930,310	2,930,310	.5000	31-Oct-2001	17:00	

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To view, amend or withdraw select the relevant line and then the modify/view or withdraw bid

Registering a trade

Differs to NBP Gas Trade “matching process”

- ◆ The Selling shipper is required to register details on the system
- ◆ The Buying shipper confirms acceptance or rejects the trade within an hour of registration

Trades must be confirmed by the Buying shipper within an hour of the trade being registered or they will be ‘Timed Out’
Trades cannot be placed historically but can be placed as far in advance as the user wishes.

Registering a trade

The screenshot shows the GEMINI trading interface. At the top, there are tabs for 'Product', 'Trade', 'Deal', and 'Constraints'. Below these, there are fields for 'Messages - 0', 'User Name', 'BA: Transco', and 'User Role: IGMS005'. The 'GEMINI' logo is on the left, and a 'Home' button is on the right. A dropdown menu is open under the 'Trade' tab, showing options: 'SetUp Parameters', 'Post Trades to Bulletin Board', and 'Trading'. An arrow points from a callout box labeled 'Select trading' to the 'Trading' option. Below the menu is a large graphic for 'O & T Operations and Trading' featuring a stylized map of the UK power grid. At the bottom, there are links for 'About Gemini | Site Map | Contacts'.

Product	Trade	Deal	Constraints
Messages - 0	User Name	BA: Transco	User Role: IGMS005

GEMINI Home

- Trade
 - SetUp Parameters
 - Post Trades to Bulletin Board
 - Trading**

Select trading

O & T
Operations and Trading

About Gemini | Site Map | Contacts

The selling shipper's details will default to their own details

GEMINI Trade You are here : Home > Trade > Trading

Trade Details

Product Type: --Select--	Product Category: --Select--	
Service Type: --Select--		
BA*:	Abbreviated BA Name*:	BA Name*:
Location: --Select--	Status: --Select--	
Period From: <input type="text"/>	Period To: <input type="text"/>	
Trade Reference: <input type="text"/>	Bid ID: <input type="text"/>	

Enter details and select Add

Following screen will be displayed

GEMINI Trade You are here : Home > Trade > Trading

Trade Registration

Selling BA*:		Buying BA*:	--Sele- <input type="text"/> --Sele- <input type="text"/> --Select-- <input type="text"/>
Product Type*:	--Select-- <input type="text"/>	Product Category*:	--Select-- <input type="text"/>
Service Type*:	--Select-- <input type="text"/>	Location*:	--Select-- <input type="text"/>
Period From*:	<input type="text"/>	Period To*:	<input type="text"/>
Trade Quantity(kWh)*:	<input type="text"/>	Trade Price(p/kWh):	<input type="text"/>
Contact Name:	<input type="text"/>	Contact Number:	<input type="text"/>

Select and enter details of the trade and save

The user will be provided with a unique reference number in the form of 7 numeric characters and the trade status indicator will be set to unconfirmed

Buying Shipper

- ◆ The buying shipper confirms details of the trade.
- ◆ All trades must be confirmed within one hour of the selling shipper registering them.
- ◆ The status will then change from 'Unconfirmed' to 'Confirmed'
- ◆ Once the trade has been confirmed neither the selling nor the buying shipper will be able to amend any of the details.

To confirm a trade

The screenshot shows the GEMINI trading interface. At the top, there are tabs for 'Product', 'Trade', 'Deal', and 'Constraints'. The 'Trade' tab is active, showing a dropdown menu with options: 'SetUp Parameters', 'Post Trades to Bulletin Board', and 'Trading'. The 'Trading' option is highlighted. An arrow points from a callout box labeled 'Select trading' to the 'Trading' option. The interface also displays 'Messages - 0', 'User Name', 'BA: Transco', 'User Role: IGMS005', and a 'Home' button. The main content area features the 'O & T Operations and Trading' logo, which includes a stylized map of the UK. At the bottom, there are links for 'About Gemini | Site Map | Contacts'.

Following screen will be displayed

GEMINI Trade You are here : Home > Trade > Trading

Trade Details

Product Type: --Select--	Product Category: --Select--	
Service Type: --Select--		
BA*:	Abbreviated BA Name*:	BA Name*:
Location: --Select--	Status: --Select--	
Period From: <input type="text"/>	Period To: <input type="text"/>	
Trade Reference: <input type="text"/>	Bid ID: <input type="text"/>	<input type="button" value="Query"/> <input type="button" value="Clear"/>

Input relevant search criteria (with arrows pointing to Trade Reference and Bid ID)

Click on query button (with arrow pointing to Query button)

Select the record and click on confirm

GEMINI

Capacity Trading

You are here : Trade > Trade Details

Trade Details

Product Type*: Category*:

Service Type:

BA: Abbreviated BA Name: BA Name: Location: Status:

Period From:

Trade Reference:

Microsoft Internet Explorer
Are You Sure you wish to Confirm the Trade?

Select	Location	Selling BA	Buying BA	Period From	Per	Time Of Operation	Trade Reference	Status	
<input type="radio"/>	AB			23-Oct-2001	28-Oct-2001	2,930,310 .5000	02-Apr-2003 11:20:00	1015716 Unconfirmed	M
<input type="radio"/>	BA			21-Oct-2001	26-Oct-2001	1,465,789 .0004	02-Apr-2003 11:34:20	1015718 Unconfirmed	M
<input type="radio"/>	BR			23-Nov-2001	23-Dec-2001	2,930,310 .001	02-Apr-2003 12:56:30	1015719 Unconfirmed	M
<input type="radio"/>	BP			23-Oct-2001	23-Oct-2001	1,465,789 .2355	02-Apr-2003 13:45:12	1015720 Unconfirmed	M
<input type="radio"/>	CT			23-Oct-2001	23-Oct-2001	2,930,310 1.2345	02-Apr-2003 21:25:00	1015721 Withdrawn	
<input type="radio"/>	DB			23-Oct-2001	23-Oct-2001	1,234,567 .0000	16:24:12	1015722 Unconfirmed	M
<input type="radio"/>								1015723 Timed Out	

The status of the bid will now change to confirmed

If the trade is not confirmed it will be timed out - TOT

nationalgrid

Summary

- ◆ Use the Bulletin board to advertise or just to view all posted bids/offers on the market.
- ◆ Only the selling party can register a trade (the buying counterparty only confirms the trade).
- ◆ Confirmation must occur within 60 minutes of registration or the bid will be timed out.