

ICH User Guide

1.1 Introduction

ICH Users are able to view Service Announcements, Available Transfer Capacity and Energy Contracts, enter Short-term Capacity Requests, enter and sign Energy Nominations, view their Energy Nomination Summary and change their Password and PIN.

1.2 Starting MITS and Logging In

Introduction

The login screen is the first screen the user sees when starting the MITS. All functionality within the MITS remains inaccessible until the user has logged in using a valid user name and password.

Starting The MITS

Start the MITS by double clicking on the desktop icon. The Login screen should now be displayed, Figure 5.1.

07 March 2003

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Figure 5.1 - Login Screen

Utilities\contracts\C1969-6\diagram\009\fig5_1r0.jpg

Logging In

The login screen is displayed when the MITS is started. To log in, enter a valid user name and password then click the "Login" button. The password is case-sensitive. If an invalid user name and password combination is entered, an error message is displayed, as shown in Figure 5.2. After clicking "OK" to acknowledge the invalid login, the login screen is displayed again. After a user configurable number of unsuccessful attempts to log in, the MITS user is then locked out, Figure 5.3.

If the user is locked out then contact a SONI user to unlock the account.



Figure 5.2 - Invalid Login

Utilities\contracts\C1969-6\diagram\009\fig5_2r0.jpg





🐲 Login - Moyle Interconnector Trading System	
🛲 XXX System Security - You Are Locked Out Of MITS XXX	1.5
	🔀 Not Logged In

Figure 5.3 - Locked Out Screen

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After a valid user name and password have been entered, the MITS displays the Main Menu, Figure 5.4.





🐷 Main Menu - Moyle	e Interconnector Trading System	_ 🗆 ×
Main Me	nu - Moyle Interconnector Trading System	1.5
Main Menu Logout Capacity Energy Nomination Maintain	Myle Interconnector Trading System Velcome To MITS Tuesday 24th September 2002 @ 17.30 ATC posted at 300 MW again after return of Pole 1 to service at 16.30 hrs. Monday 23 September 2002 @ 00:30 hours Moyle tripped ATC = 0MW. Tuesday 24 September 2002 @ 00:30 hours Moyle Pole 2 restored ATC = 250MW. The AtC = 250MW was also entered for Wednesday 25 September 2002 due to the lack of information available overnight. (The nominations from 06:00 on Wednesday 25 September 2002 onwards DO NOT require modification.) PLEASE NOTE THAT THE ATC FOR OCTOBER 2002 HAS NOW BEEN POSTED An interconnector forum was held at Castlereagh House on Thursday 12th September to provide an apportunity for interested parties to review the procedures that are currently in place and assess the operation of the trading system. Thanks to all those who attended. The following presentations and documentation are now available to download (pdf format) from the SONI website www.soni.ht.ukc ⁻ SONI Introduction; Moyle Operation; Auctions (OFREG); MITS Update; Settlement; NI Market; Attendee List; Settlement Handout; I/C Procedures and documents Please note requilar MITS scheduled dates so far are: 02/10/02; 06/11/02; 04/12/02; 08/01/03; 05/02/03 If you have any queries contact: ATC - Alec Baird/Michael Preston 028 9079 4336 System - Nick Fullerton/Morris Lyness 028 9079 4336 System - Nick Fullerton/Morris Lyness 028 9079 4336	1.5
Ready	X Useral	MITSUSER1

Figure 5.4 - MITS Main Menu

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Logging Out

When the user has finished using the MITS, they should log out to prevent access by unauthorised parties. To log out of the MITS, click the "Logout" menu item, which returns the MITS to the initial login screen.

Session Expiry

When the user's session is inactive for a user configurable period of time, the session times out and when the user tries to access the MITS then they are prompted to login again.

1.3 Service Announcements

The Service Announcements page, Figure 5.5, is available for viewing only.





Welcome To MITS
PLEASE NOTE THAT THE AVAILABLE TRANSFER CAPACITY (ATC) FOR AUGUST 2002 HAS NOW BEEN POSTED
If you have any queries contact:
ATC - Alec Baird/Michael Preston 028 9079 4336
General - Alan Robinson/Stephen Williamson 028 9079 4336
System - Nick Fullerton 028 9079 4336
Updated: 7/23/2002 2:26:03 PM

Figure 5.5 - Service Announcements

Utilities\contracts\C1969-6\diagram\009\fig5_5r0.jpg

1.4 Change Password/PIN

The Change Password/PIN page allows the current user's password or PIN to be changed, Figure 5.6. This menu option can be selected from the Maintain menu.

The Change Password/PIN page displays a radio box to allow the user to select the entry they wish to change, password or PIN.

The Change Password/PIN page displays the fields below and a Submit button:

- Password/PIN;
- New password/PIN;
- Confirm new password/PIN.







Change Password/PIN - Moyle Interconnector	Trading System			□ ×
Change Password/PIN - Moyle	e Interconnecto	r Trading System		1.5
Main Menu				
Logout Capacity				
Energy Nomination	Option to change:	⊙ <u>P</u> assword ⊂ P <u>I</u> N		
Maintain	Password:			
	New Password:			
	Confirm:			
		Submit		
Basdu				_
Lucary.			OSEL PILISUSEKI	

Figure 5.6 - Change Password/PIN Page

Utilities\contracts\C1969-6\diagram\009\fig5_6r0.jpg

To choose whether to change the password or PIN select the chosen option from the Option to Change radio group.

To change the password, enter your current password into the Password field, enter your new password into the New Password field. Enter the same password into the Confirm field. Then click the "Submit" button. The password must be at least six alphanumeric characters, contain no spaces and not be a previous password or exist in the password dictionary.

To change the PIN, select the PIN Option to Change radio button. Enter your current PIN in the PIN field, then a new PIN in the New PIN field. Enter the same PIN into the Confirm field. Then click the "Submit" button. The PIN must be a four-digit number and cannot be all the same digits (e.g. 3333). Also the digits should not be a consecutive sequence (e.g. 2345).

If the MITS completes the validation successfully, it stores the new password or PIN in the database and displays a confirmation message to the user, Figure 5.7. Otherwise, the MITS displays an appropriate error message to the user, Figure 5.8 to 5.10.



Figure 5.7 - Change Password Confirmation

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Figure 5.8 - Password too short Error Message

Utilities\contracts\C1969-	-6\diagram\009\fig5_a	Br0.jpg	
	Moyle In	terconnector Trading System	×
	8	21015: The password you have selected is	not allowed
		ОК	

Figure 5.9 - Password in Password Dictionary Error Message

Moyle In	terconnector Trading System	×
8	21016: You cannot use a password that you have	used previously
	ОК	

Figure 5.10 - Password previously used Error Message

Utilities\contracts\C1969-6\diagram\009\fig5_10r0.jpg

1.5 Available Transfer Capacity

The Available Transfer Capacity (ATC) page displays the ATC for each period in a Trading Day for an Interconnector, Figure 5.11.

The Interconnector is selected using the drop down list at the top of the page. The date is selected using the calendar control at the top of the page.

For each period in the selected Trading Day, a table displays the following information:

- Period timeslot;
- Forecast Available Transfer Capacity (Available (MW));
- Comments.

A table displaying the Final ATC is displayed on the right hand side of the page. This will show Final ATC when it has been signed by both SONI and SPTSO users.

The data on this page cannot be edited.



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🞏 Available Transfer Ca	pacity - Moyle Interco	onnector Trading Sys	tem		×
🚛 Available T	ransfer Capacity	y - Moyle Interd	connector Trading System		1.6
Main Menu	Search Criteria				
Capacity	Interconnector	From Continued			
Energy Nomination	interconnector	From Scotland			
Maintain	Trading Day:	28/09/2002			
	Period	Available (MW)	Comments	Time Final ATC	
	1 06:00 - 06:30	300		From Time Zone (MW)	
	2 06:30 - 07:00	300		06:01 851 300	
	3 07:00 - 07:30	300			
	4 07:30 - 08:00	300			
	5 08:00 - 08:30	300			
	6 08:30 - 09:00	300			
	7 09:00 - 09:30	300			
	8 09:30 - 10:00	300			
	9 10:00 - 10:30	300			
	10 10:30 - 11:00	300			
	11 11:00 - 11:30	300			
	12 11:30 - 12:00	300			
	13 12:00 - 12:30	300			
	14 12:30 - 13:00	300			
	15 13:00 - 13:30	300			
	16 13:30 - 14:00	300			
	17 14:00 - 14:30	300			
	18 14:30 - 15:00	300		SONT RTEL SPCSO MJCSTGSO	
	Refresh Fill Do	IWn		Signer: 11/12/2002 Signer: 12/12/2002 Signer: 16:01:24	
				Refresh	
Page Refreshed: 12/12/20	002 10:40:43				User: TURLEY_B

Figure 5.11 - Available Transfer Capacity Page

Utilities\contracts\C1969-6\diagram\009\fig5_11r0.jpg

1.6 Short Term Capacity Request

The Short Term Capacity Request page displays capacity data for each period in a Trading Day for an Interconnector, Figure 5.12.

The Capacity Holder drop-down list box, the Interconnector drop-down list box and the date of the Trading Day are displayed at top of the page. The Trading Day can be changed using the calendar control.

For each period in the selected Trading Day, the following information is displayed:

- Period timeslot;
- Forecast Available Transfer Capacity (Forecast (MW));
- Total Long-term Capacity requested by the ICH (Long Term (MW) Contracted);
- Long-term Capacity allocated to the ICH (Long Term (MW) Allocated);
- Total Short-term Capacity available for auction (Short Term (MW) Available);
- Requested Short-term Capacity (Short Term (MW) Requested);
- Allocated Short-term Capacity (Short Term (MW) Allocated);
- Total Allocated Capacity.





Search Criteria Capacity Holder: [Interconnector:] Trading Day:	MICCCC From Scotland 25/10/2003 (+)	2	3					
Period	Forecast (MW)	Long Ter	m (*f#)	,	Bart Terris (MW	9-3 ⁽	Total Allocated	
	ATC	Contracted	Allocated	Available	Requested	Allocated	CapacRy	
1 06:00 - 05:30	1.111	500	0.624	0	photo and an		0.024	-
2 06:30 - 07:00	2,222	500	0.048	0			0.049	
3 07:00 - 07:30	3:333	500	0.072	0			0.072	
4 07:30 - 08:00	4,444	500	0.097	a	6		0.097	
5 08:00 - 00:30	5.955	500	0,121	á		2	0.121	1
6 08:30 - 09:00	0.000	. 500	0.145	0		3	0.145	ŝ.
7 00:00 - 00:30	2,777	500	0.169	G			0.150	
6 09:30 - 10:00	8.969	500	0.197	0	č –		0.193	2
9 10:00 - 10:30	9,900	508	0.217	0			0.217	8
10 10:30 - 11:00	10,001	500	0.217	0			0.217	8
11 11:00 - 11:30	11.111	500	0.242	G	8		0.242	
12 11:30 - 12:00	12:222	500	0,260	0	5		0.266	
13 12:00 - 12:30	13,333	500	0.29	0	2		0.29	0
14 12:30 - 13:00	14.444	500	0.714	0	1	2	0.314	8
15 12:00 - 13:30	15.955	500	0.228	0		3	0.338	5 I.
16 13:30 - 14:00	16,906	500	0.362	Ū			536.0	
17 14:00 - 14:30	17.777	500	0.396	0	ž.	3	0.396	8
18 14:30 - 15:00	19,838	500	0.431	0	3		0.411	+

Figure 5.12 – Short-Term Capacity Request Page

Utilities\contracts\C1969-6\diagram\009\fig5_12r0.jpg

Only the Requested Short-term Capacity field can be edited. To save any changes to this field, click the "Save Changes" button. To cancel any changes, click the "Refresh" button. The "Refresh" button will return the page to the latest saved state.

If the selected Trading Day does not permit new Short-term Capacity Requests, then the Requested Short-term Capacity field cannot be edited.

No other fields can be edited on this page.

1.7 Capacity Holder Energy Nomination

The Capacity Holder Energy Nomination page allows a user to view, enter and sign Energy Nominations for each period in a Trading Day for a Capacity Holder using the selected Interconnector, Figure 5.13. The Capacity Holder is selected using the Capacity Holder drop down list at the top of the page. The Interconnector is selected using the Interconnector drop down list. The Trading Day is selected using the calendar control at the top of the page.

For each period in the selected Trading Day, the following information is displayed:

- Period timeslot;
- Total Capacity Allocated to the ICH (Allocation (MW));
- Total Energy Equivalent (MW).

A column for each Interconnector User with whom the ICH wishes to trade is displayed, and a New Interconnector User button to allow the user to add another Interconnector User (column).

By default, the latest version of the Energy Nomination is displayed. To display the Previous version of the Energy Nomination click the previous ("<") button. To view the next version of the Energy Nomination click the next (">") button.





The Copy Template button copies the values from the previous day's latest nomination values to the current day's latest nomination.

Modifications to the latest version of the data require that the nomination be signed. A Sign Nomination button is displayed at the bottom of the page, along with a Reset button. To sign the nomination, click the Sign Nomination button. A dialogue will prompt for the PIN of the current user. Enter the PIN number. The version number of the nomination is incremented and the page refreshed.

Edits are not allowed to earlier versions of the data and the Sign Nomination and Copy Templates buttons are not displayed.

Energy nominations signed by an ICH User are displayed in red. Energy nominations signed by an IU User are displayed in green.

. 6 × W. Search Criteria Capacity Holder: MICCCC . . rom Scotland 25/11/2002 * Enter Energy Nomination in MW Allocation (MIN) Total Energy nutvalent (MW) 40 40 480 400 -400 400 40 400 -400 40 400 40 400 20800 40 400 400 400 413 400 19200 Totz 19208 Refrash 3

MITS displays the End of Day Total Quantity for each set of Energy Nominations.



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New Interconnector User Column

To add a new Interconnector User column, click the "New" button at the bottom of the page. This displays the Add Interconnector User dialogue, Figure 5.14. This dialogue contains a drop-down list of the Interconnector Users with which the Capacity Holder has an Energy Contract. The drop-down list displays the Energy Contract ID with the Interconnector user. To add the new Interconnector User Column, click the "OK" button. To cancel the new Interconnector User Column, click the "Cancel" button. Clicking "OK" or "Cancel" returns the MITS to the Capacity Holder Energy Nomination page. The Capacity Holder Energy Nomination page will be refreshed to reflect the changes should "OK" be clicked.







Figure 5.14 - Add Interconnector User

Utilities\contracts\C1969-6\diagram\009\fig5_14r0.jpg

1.8 Capacity Holder Energy Nomination Summary

The Capacity Holder Energy Nomination Summary page, Figure 5.15, is for viewing a summary of agreed Energy Nominations for each period in a Trading Day for an Interconnector and the relevant Capacity Holder.

The Capacity Holder, Interconnector and Trading Day are displayed at the top of the page. The Capacity Holder and Interconnector are selected from drop down list boxes. The Trading Day is selected using the calendar control.

For each period in the selected Trading Day, the following information is displayed:

- Period Timeslot;
- Total Energy Nominated (KWh).

A column is displayed for each Interconnector User that the ICH has entered an Energy Nomination for. The Interconnector User name and Energy Contract ID are displayed as the column header and the Energy Nomination for each Period is displayed below.

An extra column is displayed if Gate Closure has passed for the selected Trading Day. The Revised Total Energy Nomination and columns showing the Revised Energy Nominations for each Interconnector User will be displayed.





Search Criteria Capacity Holder:	MICESB From Scotland D8/03/2003 V	× ×				
Period	Energy N	lominated	Energy I	Revised		
	Total	MICEIR	Total	MICEIR		
1 06:00 - 06:30	47500	47500	47500	47500	-	
2 06:30 - 07:00	47500	47500	47500	47500		
3 07:00 - 07:30	47500	47500	47500	47500		
4 07:30 - 08:00	47500	47500	47500	47500		
5 08:00 - 08:30	47500	47500	47500	47500		
6 08:30 - 09:00	47500	47500	47500	47500		
7 09:00 - 09:30	47500	47500	47500	47500		
8 09:30 - 10:00	47500	47500	47500	47500		
9 10:00 - 10:30	47500	47500	47500	47500		
10 10:30 - 11:00	47500	47500	47500	47500		
11 11:00 - 11:30	47500	47500	47500	47500		
12 11:30 - 12:00	47500	47500	47500	47500		
13 12:00 - 12:30	4/500	4/500	47500	47500		
14 10:00 10:00	4/500	4/500	4/300	47500		
14 12:30 - 13:00	4 97,000	47,000	47,000	47500	<u>-</u>	
14 12:30 - 13:00 15 13:00 - 13:30	(7500	17000	17500	19500		

Figure 5.15 - Capacity Holder Energy Nomination Summary Page

Utilities\contracts\C1969-6\diagram\009\fig5_15r1.jpg

1.9 Energy Contracts

The Energy Contracts page displays a table, listing all Energy Contracts, with the following fields:

- Contract ID;
- MICH;
- MIU;
- Valid From;
- Valid To.

The MITS only displays energy contracts with which the current capacity holder is associated. The MITS displays a "Refresh" button at the foot of the page, Figure 5.16.





🜌 Maintain Energy Cont	racts - Moyle Intere	connector Tradi	ng System			
Maintain Fr	nerov Contract	ts - Movle Ir	aterconnecto	r Trading System		
	iergy contract	to noyie n	iter connecto	r ridanig bysten		
Main Menu						
Logout	CONTRACT ID	MICH	MIU	VALID FROM	VALID TO	
Capacity	MCBBBMU12301	MICBBB	MIU123	01/01/2002	12	
Energy Nomination	MCBBBMU78901	MICBBB	MIU789	01/01/2002		
Maintain						
	Refresh					
						 225
Page Refreshed: 30/09/02	2 09:45:00					👗 User: M

Figure 5.16 - Energy Contracts Page

Utilities\contracts\C1969-6\diagram\009\fig5_16r0.jpg

Refresh energy contracts To refresh the Energy Contracts page click the "Refresh" button at the foot of the page.







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