



DAMAS ROMANIA

User Guide – Internal Scheduling for Market Participants





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2. PREFACE

2.1. REVISION HISTORY

Version	Date	Author	Description
01.00	29/1/2010	Libor Sluka	First Version.

2.2. APPROVALS

Approver	Sign	Date

2.3. GENERAL FEATURES

2.3.1. Damas Login

Description

The DAMAS application is situated on these addresses:

Environment	Address
Testing Environment	N/A
Production Environment	N/A

Steps

- (1) Enter an address to web browser (Internet Explorer 6.0 or newer).
- (2) Warning window with security alert could be displayed. Confirm dialog by OK button.
- (3) Dialog to choose certificate could be displayed. Cancel dialog by *Cancel* button.
- (4) Enter login name and password.
- (5) Click the OK button.





	Damas
Auction System	1.10.2009, 11:13
Login name Password OK	
(DAMAS)	© 2009 UNICORN



2.3.2. Main Screen

Description

Main screen of Damas is displayed after login to the system. It contains:

- 1) Information about logged user
- 2) Name of actual form
- 3) Date and time of the system
- 4) Toolbar
- 5) Menu with a list of web forms
- 6) Messages delivered to user menu

The main screen contains incoming messages and keeps history of them. The newest messages are displayed at the top of the screen. There are arrows and numbers on the bottom of a list of messages to browse the history of them.

In case there is an attachment within the message a small icon \blacksquare is situated on the right side of a line with the message. Clicking on the icon either the attachment is shown. New window or a download dialog with an appropriate file to be saved is displayed.





A		Đ Damas
Transelectrica .ogged user: EDISON_TF	RADE (11XEDISON-TRADES)	29.1.2010, 11:34 (EET)
E 🗳 🖓		🕙 🔆 🔤 😂
1	Libor Sluka(EDISON_TRADE), 28.01.2010 19:26:30 (EET)	0 🚯
INTERNAL SCHEDULING	Internal Nominations received. List of nominations attached.	
	Scheduling Manager(TEL Managers), 28.01.2010 17:14:04 (EET)	0 🚯
MESSAGES	Availability declaration confirmed/cancelled. List of schedules attached.	
SYSTEM TOOLS	Libor Sluka(EDISON_TRADE), 28.01.2010 17:13:44 (EET)	0 🚯
SISILITIOULS	Availability declarations received. List of schedules attached.	
	Scheduling Manager(TEL Managers), 28.01.2010 17:13:08 (EET)	0 🚯
About End	Availability declaration confirmed/cancelled. List of schedules attached.	
	Libor Sluka(EDISON_TRADE), 28.01.2010 17:12:55 (EET)	0 🚹
	Availability declarations received, List of schedules attached.	
	Scheduling Manager(TEL Managers), 28.01.2010 17:11:36 (EET)	0 🚯
	Availability declaration confirmed/cancelled. List of schedules attached.	
	Libor Sluka(EDISON_TRADE), 28.01.2010 16:55:36 (EET)	û 🚹
	Availability declarations received. List of schedules attached.	
	Scheduling Manager(TEL Managers), 28.01.2010 16:55:18 (EET)	û 🚺
	Availability declaration confirmed/cancelled. List of schedules attached.	
	Libor Sluka(EDISON_TRADE), 28.01.2010 16:55:02 (EET)	0 🕦
	Availability declarations received. List of schedules attached.	
	Scheduling Manager(TEL Managers), 28.01.2010 16:54:35 (EET)	0 📵
	Availability declaration confirmed/cancelled. List of schedules attached.	
	K K <u>1</u> 2 3 4 5 6 X	
DAMAS)		© 2009 UNICORN

Picture 2: Main Screen

2.3.3. Main Menu

Description

The web forms are accessible from the main menu.

Steps

Using main menu which is available on the main screen:

- (1) Display main screen. Main menu is available on the left side of the screen.
- (2) Move the mouse over main menu labels. The submenu is displayed.
- (3) Click on an item in the submenu. The appropriate form is displayed.

Using quick menu that is available on web form:

- (1) Display web form.
- (2) Select icon 🗐 in toolbar. Short menu is displayed on the right side of the screen.
- (3) Move the mouse over quick menu labels. The submenu is displayed.
- (4) Click on an item in the submenu. The appropriate form is displayed.





2.3.4. Time Notation

All data displayed in internal scheduling via web forms are in the EET time. The first hour is a time period from 0:00 to 1:00 etc. System counts with day-light saving days (having 23 or 25 hours).

Some time intervals used in parameter selection are defined as Date From and Date To. Both of these days are included in selected time interval.

Example for selection of two days 1.1.2010 and 2.1.2010 (days are included):

- 1) Data From = 1.1.2010
- 2) Date To = 2.1.2010

2.4. SYSTEM TOOLS

2.4.1. Change User's password

Description

The logged user can change his password using the **Password Change** form.

Steps

- (1) Choose the menu item **System Tools/Password Change.**
- (2) Enter the old password in the **Old password** input field.
- (3) Enter a new password in the **New password** input field.
- (4) Enter the new password again to confirm it in the **Confirm password** input field.
- (5) Click **OK** button to save changes.

2.5. MESSAGES

The following functionalities are available for *Market Participant* in the Messages Module:

- **Display New** Recently received messages are displayed in the user account.
- Send Message Send any message to selected user
- **Delete Selected** This menu option deletes messages selected by checkbox in the main menu. Message is deleted only from particular user account.
- Delete All This menu option deletes all messages from the user account.
- Message Settings Enables user to configure message account
- Message Filter Enables filtering of displayed messages



2.5.1. Message Settings

Description

The Message Settings form enables to a user to configure a user message account.

Steps

- (1) Choose the menu item Messages/Messages Settings.
- (2) A screen Messages Settings is displayed.
- (3) Make a setting according to your preferences.
- (4) Specify the period for regular deletion of messages.
- (5) Enable the possibility to receive messages by e-mail.
- (6) Click the OK button.

	Message Settings				Ð	Dam	185
Logged user: Administrator A (TEL Managers)					1.10.2009	, 14:21	(EET)
📑 🚇 😓		o-€	\$25G3	1	Önew	4	₿ ₽
Do not display messages older than 30 days							
Always send e-mail 🎽 🔲							
E-mail							
	ОК						
DAMAS)					© 20	NU 60	ICORN

Picture 3: Message Settings

2.5.2. Message Filter

Description

The Message Filter form enables a user to view only the messages matching specified conditions.

Steps

- (1) Choose the menu item Messages/Messages Filter.
- (2) A screen Filter is displayed.
- (3) Set up a filter according to your preferences.
- (4) Click the OK button.





		Mess	sage Filter		Ð 🛙 amas
d user: Administrator A (T 20) <>	EL Managers)			 正 中代 袋跡 (1.10.2009, 14:22 (EET)
User role	Scheduling Manager	~			
Entity User	TEL Managers [all users]	×			
Froup of use cases Use case	LONG-TERM AUCTION [all use cases]	X			
Date from (EET) Date to (EET)	8	> (i) > (ii)			
Attachment	without attachment	. 🗸			
Message type	information	V			
Text					
=)		ок			© 2009 UNTCORE

Picture 4: Message Filter

2.6. INTERNAL SCHEDULING DESCRIPTION

Internal Scheduling is a part of the Damas system designed to support submitting internal schedules, generation schedules and availability declarations.

For *Market Participants,* internal scheduling handles the following tasks:

- Administration and management of the internal schedules, generation schedules and availability declaration for Control Area of Transelectrica. (*Note: Management tools are not accessible for Market Participants*).
- Entering of internal schedules, generation schedules and availability declaration by BRPs.
- Data provision to Balancing Market and to Settlement system parts.

All schedule types (internal, generation, availability) are submitted for business day (time interval) in Romanian time (means EET).

Market Participants may submit schedules:

- 1. Before day of real operation (day-ahead)
- 2. During the day of real operation (intraday)

Time of opening / closing gates for schedules submitting differs per schedule type. Default times defined in the system are depicted below, for each schedule type.

Note: Times of gates may be modified by the system operator (Transelectrica).





2.6.1. Internal Schedules submitting



Before day of real operation, *Market Participants* may submit internal schedules at any time (there is no explicit gate opening), till 15:00 D-1.

Internal schedules intraday modifications for day of real operation (D) start at 18:00 D-1, till 19:00 D. At this time, *Market Participants* may edit or submit new internal schedules. Exact rules of intraday modifications are defined in chapter <u>Intraday Modifications</u>.

2.6.2. Generation Schedules submitting



Before day of real operation, *Market Participants* may submit generation schedules from 00:00 D-7, till 15:00 D-1.

Generation schedules intraday modifications for day D start at 18:00 D-1, till 19:00 D. At this time, *Market Participants* may edit or submit new generation schedules. Exact rules of intraday modifications are defined in chapter *Intraday Modifications*.

2.6.3. Availability Declarations submitting



Before day of real operation, *Market Participants* may submit availability declarations at any time (there is no explicit gate opening), till 12:00 D-1.

Availability declarations intraday modifications for day D start at 18:00 D-1, till 23:00 D. At this time, *Market Participants* may edit or submit new availability declarations. Exact rules of intraday modifications are defined in chapter *Intraday Modifications*.





2.6.4. Intraday Modifications

As described above, intraday modifications of all schedule types start at 18:00 D-1. Suppose that actual time has reached this time (see below):



At this time, *Market Participants* may modify (submit new schedules) for all hours of day D. As the time flows, hours are closing themselves one by one.

Time of *flowing* gate closure is set by system parameter for each schedule type. Parameters are modifiable for system operator. Default setting is as follows (in minutes):

- 240 for Internal Schedules
- 240 for Generation Schedules
- 0 for Availability Declarations

Gate closure for each hour is shifted to the future by time defied in those parameters.

Because, for *Internal* and *Generation Schedules,* time defined in parameters is equal, gate closure for their first intraday hour will be the same, 20:00 D-1.

When this time is reached, first intraday hour is closed for submitting of internal and generation schedules. *Market Participants* are allowed to modify only remaining hours (means from 01:00 – 24:00 D). It is clear, that gate closure for last intraday hour (for internal and generation schedules) is 19:00 D.



By default, gate closure for each hour for submitting *Availability Declarations*, is not shifted into the future at all. That means that gate closure is the beginning of given hour.

For example, gate closure for first intraday hour (for submitting availability declarations) is at 00:00 D. Thus, last intraday hour will be closed at 23:00 D.







Intraday Automatic Rules

Intraday automatic rules are applied on unmatched *Internal Schedules* submitted for a business day that is in the intraday modifications state for internal schedules. Application of automatic rules is performed at each gate closure for given intraday hour (may be re-planned by system operator).

At given intraday gate closure, unmatched internal schedules are re-written by last valid (*Matched*) version. After application of automatic rules, a copy of internal schedules is created by the system to be used for next hour gate closure.

An example is given on the diagram below, where after D-1 modifications, internal schedules are stored with version *V*3. During intraday, a new, higher version is created in each intraday interval.



AD Automatic Cancellation

Availability declarations whose availability amount is lower than maximum in at least one hour of given business day, must be confirmed by system operator. Unconfirmed schedules will be automatically cancelled by system at predefined time that is different for submitting the schedule during day-ahead and while intraday modifications.

Day-ahead

Time of schedule automatic cancellation is set as the time of gate closure for submitting availability declarations during day-ahead. That means 12:00 D-1, by default.

Intraday

Time of automatic cancellation is set as time of gate closure of the first modified hour.

In both cases, availability declaration schedules are cancelled for the whole time interval.





2.7. List of Use cases

This user guide is written for *Market Participants* who are allowed to access use cases of internal scheduling:

- BMP
- BRP
- OPCOM

Nevertheless, those users have different access rights to internal scheduling use cases. The table with accessibility is depicted below.

Note: OPCOM is a special type of BRP. Therefore, it has similar access rights. The differences will be described in more detail in the following chapters.

Use Case	Access Rights
Internal Schedules Overview	BRP (read-only)
Internal Schedule Form	BRP (write)
Internal Matching Overview	BRP (read-only)
Schedules Upload (XML)	BRP (write)
Schedules Download (XML)	BRP (read-only)
Consistion Schedules Overview	BRP (read-only)
Generation Schedules Overview	BMP (read-only)
Generation Schedule Form	BRP (write)
Availability Declarations Overview	BRP (read-only)
	BMP (read-only)
Availability Declaration Form	BRP (write)
Schedules Overview in EET	BRP (read-only)
Intraday Intervals Overview	BRP (read-only)

2.8. INTERNAL SCHEDULING

BRP are allowed to enter internal schedules as a registration of agreed internal bilateral contracts between domestic BRP. In addition, internal schedules may be received as well from OPCOM as a result of DAM.

Internal schedules are entered by means of the *Internal Schedule Form*. In addition, schedules can be uploaded as *ESS* file using *Schedule Upload (XML)* web form. Immediately after such





schedules submitting, Damas performs the data validation. The user is informed about processing results by a message sent into his account.

BRP may view stored internal schedules via *Internal Schedules Overview*. Nominations entered by BRP may be modified through the *Internal Schedule Form* if the system is in the state for modification. Internal schedules can be downloaded as *ESS* XML file using *Schedule Download* (*XML*) web form.

After the system receives the internal schedules from OPCOM, the schedule of its partner is automatically generated / updated. Automatically generated internal schedules are not allowed to be modified by BRP at any system state (ex-post modification is allowed for system operator).

After the system receives the internal schedules from BRP, matching process of given internal schedules is immediately performed. Possible mismatches are displayed through the *Internal Schedules Overview* and *Internal Matching Overview* web forms. After gate closure for internal schedules submitting (day-ahead) the lower value rule is automatically applied. During intraday modifications, different rule is used for unmatched schedules.

2.8.1. Internal Schedule Form

Description

Internal schedules can be entered via *Internal Scheduling -> Internal Schedule Form* by BRP or Scheduling Manager (on behalf of BRP). The internal nomination submitter must determine which company is the *Source BRP* and *Destination BRP*.

Internal nominations are entered and modified in hourly resolution for a time period (Date From – Date To). For BRP, the system must be in the *Entering of Internal Schedules* state for each business day of the respective time period.

For Intraday modifications, the system must be in the *Internal Intraday Modifications* state for given business day. For BRP, hours that are not allowed to be modified any more are read-only. The business validations are the same as for D-1 submitting.

In order to provide user an immediate notification about possible mismatches, the time-series submitted by both companies are compared immediately after submission (internal matching). Internal nominations overview, together with possible mismatches (background highlighted with red color for each mismatched hour) is displayed through the *Internal Schedules Overview* form.

Internal nominations that remain unmatched after the gate closure for internal nominations submitting the lower values rule is applied. Lower values of the two internal nominations are considered to be final and the internal nominations are adjusted appropriately. During intraday, lower values rule is not applied. Instead, unmatched schedules are re-written by last valid version (for more see chapter <u>Intraday Modifications</u>, part Automatic Intraday Rules).

Additionally, internal nominations may be submitted into the system by BRP OPCOM. For such nominations, the second part of schedule for BRP will be generated automatically.

Steps

(1)Choose the *Internal Scheduling -> Internal Schedule Form* menu item.





(2)Enter input parameters:

- a. Seller selection of the BRP selling the energy
- b. Buyer selection of the BRP buying the energy (*Note: Seller and Buyer must not be the same; at the same time, one of them must be Submitter*)
- c. Date From (EET) selection of the first business day of the time interval
- d. Date To (EET) selection of the last business day of the time interval

(3)Click the **Show data** button to open the form for entering a new schedule.

(4)Form for entering hourly values is displayed.

(5)Enter the scheduled amount of power in the **Power [MW]** field.

(6)Select the Save button to save the schedule.

Immediately after the schedule is submitted, the system performs the validations of the schedule. The user is notified by a dialog window and new message with the processing results. If the validation conditions are met, the schedule is stored in the system.

Note: If schedule already exists for combination of parameters (Submitter, Seller, Buyer, business day), warning is displayed, informing about existing diagram.

🍘 Warning - Poskytovatel aplikace Microsoft Internet Explorer: UNICORN	_ 🗆 🗙
Warning	!
Values already entered for following days of selected time interval from 3.3.2010 to 3.3.2010 and combination of Submitter EDISON_TRADE, Seller EDISON_TRADE and Buyer EZPADA Romania: 03.03.2010 Confirmation causes overwriting of former values.	
ок	
	1

Dialog window example – schedule saved:

🔗 Processing result - Poskytovatel aplika	ce Microsoft Internet Explorer: UNICORN	_ 🗆 🗙
Information		i
Reception Date (EET)	27.01.2010 15:11	
User	Libor Sluka	
State	Accepted	
Document ID	20100303_A01_IPN_11XEDISON-TRADES_1	
Document Version	1	
Schedule ID	31	
Source BRP	EDISON_TRADE	
Destination BRP	EZPADA Romania	
Date From (EET)	03.03.2010	
Date To (EET)	03.03.2010	
State	Accepted	
	OK	

Message example:





EDISON_TRADE EZPADA Romania 3.3.2010 3.3.2010	Ir • • • •	nternal Sched	ule Form		Ξ	2	₹.1.2010, Жеш)ama: 15:06 (E
EDISON_TRADE EZPADA Romania 3.3.2010 3.3.2010 DISON_TRADE	Ir V V S 10 S 1 S 10	nternal Sched	ule Form			2	元] 7.1.2010, 说eu]ama 15:06 (€ ≤₹ (
EDISON_TRADE EZPADA Romania 3.3.2010 3.3.2010 DISON_TRADE	Ir	nternal Sched	ule Form		E	2	€) 7.1.2010, ² /reu	Dama 15:06 (0 ≦⊽ @
EDISON_TRADES) EDISON_TRADE EZPADA Romania 3.3.2010 3.3.2010 DISON_TRADE EDISON_TRADE		show data				2 (1)	17.1.2010,	15:06 (l) 运
EDISON_TRADE EZPADA Romania 3.3.2010 3.3.2010		ihow data					"Øñeu	-> E
EDISON_TRADE EZPADA Romania 3.3.2010 3.3.2010 EDISON_TRADE EDISON_TRADE		ihow data						
Z ZADA Romania 3.3.2010 3.3.2010 3.3.2010 DISONL_TRADE DISONL_TRADE		ihow data						
3.3.2010 3.3.2010 3.3.2010 DISON_TRADE 7040A Barracia	> 0 > 0 S	ihow data						
3.3.2010		ihow data						
EDISON_TRADE								
3.3.2010 3.3.2010 V/A								
		Save						
	Time (EET	1)	Power [MW]					
	Date	Hour	Ni					
	03.03.2010 - 03.03.2010	00:00 - 01:00	5					
	03.03.2010 - 03.03.2010	01:00 - 02:00	5					
	03.03.2010 - 03.03.2010	02:00 - 03:00	5					
	03.03.2010 - 03.03.2010	21:00 - 22:00	5					
	03.03.2010 - 03.03.2010	22:00 - 23:00	5					
	03.03.2010 - 03.03.2010	23:00 - 00:00	5					
	Total		120.000					
		Time (EET Date 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010	Save Time (EET) Date Hour 03.03.2010 - 03.03.2010 00:00 - 01:00 03.03.2010 - 03.03.2010 01:00 - 02:00 03.03.2010 - 03.03.2010 02:00 - 03:00 03.03.2010 - 03.03.2010 22:00 - 22:00 03.03.2010 - 03.03.2010 22:00 - 23:00 03.03.2010 - 03.03.2010 23:00 - 00:00 Total Save	Save Time (EET) Power [HW] Date Hour ● 03.03.2010 - 03.03.2010 00:00 - 01:00 5 03.03.2010 - 03.03.2010 01:00 - 02:00 5 03.03.2010 - 03.03.2010 02:00 - 03:00 5 03.03.2010 - 03.03.2010 21:00 - 22:00 5 03.03.2010 - 03.03.2010 22:00 - 03:00 5 03.03.2010 - 03.03.2010 22:00 - 03:00 5 03.03.2010 - 03.03.2010 23:00 - 00:00 5 03.03.2010 - 03.03.2010 23:00 - 00:00 5 Total 120.000 5	Save Time (EET) Power [HW] Date Hour 💽 (1000) 03.03.2010 · 03.03.2010 00:00 · 01:000 5 03.03.2010 · 03.03.2010 01:00 · 02:000 5 03.03.2010 · 03.03.2010 02:00 · 03:000 5 03.03.2010 · 03.03.2010 22:00 · 23:000 5 03.03.2010 · 03.03.2010 23:00 · 00:000 5 03.03.2010 · 03.03.2010 23:00 · 00:000 5 03.03.2010 · 03.03.2010 23:00 · 00:000 5 03.03.2010 · 03.03.2010 23:00 · 00:000 5 03.03.2010 · 03.03.2010 23:00 · 00:000 5 03.03.2010 · 03.03.2010 23:00 · 00:000 5 03.03.2010 · 03.03.2010 23:00 · 00:000 5 03.03.2010 · 03.03.2010 23:00 · 00:000 5 03.03.2010 · 03.03.2010 23:00 · 00:000 5 03.03.2010 · 03.03.2010 23:00 · 00:000 5 03.03.2010 · 03.03.2010 5 120.000	Save Time (EET) Power [*IW] Date Hour Image: Colspan="2">Colspan="2" Date Hour Image: Colspan="2">Colspan="2">Colspan="2" O3.03.2010 - 03.03.2010 00:00 - 01:00 Source O3.03.2010 - 03.03.2010 21:00 - 22:00 Source O3.03.2010 - 03.03.2010 22:00 - 23:00 Source Total 120.000	Save Time (EET) Power [HW] Date Hour Image: Colspan="2">Image: Colspan="2" Tima: Colspan="2" Tima: Colspan="2" Tima: Colspan="2" Time: Colspan="2" Ti	Save Time (EET) Power [NW] Date Hour Image: Colspan="2">Colspan="2" Date Hour Image: Colspan="2">Colspan="2" Date Hour Image: Colspan="2">Image: Colspan="2" 03.03.2010 03.03.2010 01:00 Colspan="2">Colspan="2" 03.03.2010 03.03.2010 21:00 22:00 Colspan="2" 03.03.2010 03.03.2010 23:00 Colspan="2" Colspan="2" Colspan="2">Colspan="2" Save

! Important: After saving the schedule, the form with submitted values remains displayed in the browser (for reference). It is necessary to modify the filter (selection parameters) and click the Show data button to enter a new schedule.

Internal Schedule submitted by OPCOM is depicted below.





ser: OPCOM (OPCOM)		_		-			27.1.2010), 15:
						٩	- Qieu	寄
Seller	ОРСОМ	~						
Buyer 7	EDISON_TRADE	~						
Date From (EET)	3.3.2010							
Date To (EET)	3.3.2010	> 🔲 🛛 🔊	how data					
Seller Buyer Date From (EET) Date To (EET) Schedule ID	OPCOM EDISON_TRADE 3.3.2010 3.3.2010 N/A							
			Save					
		Time (EET	Save	Power [HW]				
		Time (EET Date	Save	Power [MW]				
		Time (EET Date 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010	Save	Power [HW]				
		Time (EET Date 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010	Save) Hour 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00	Power [HW]				
		Time (EET Date 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010	Save) Hour 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00	Power [HW]				
		Time (EET Date 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010	Save Hour 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00 21:00 - 22:00	Power [HW]				
		Time (EET Date 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010	Save Hour 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00 21:00 - 22:00 22:00 - 23:00	Power [HW]				
		Date Content 03.03.2010 - 03.03.2010 03.03.2010 03.03.2010 - 03.03.2010 03.03.2010 03.03.2010 - 03.03.2010 03.03.2010 03.03.2010 - 03.03.2010 03.03.2010 03.03.2010 - 03.03.2010 03.03.2010	Save Hour 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00 21:00 - 22:00 22:00 - 23:00 23:00 - 00:00	Power [HW]				

If valid, same informative dialog is displayed as for schedule submitted by common BRP. Contrary to internal schedule submitted by common BRP, partner schedule is generated automatically as an identical copy of submitted schedule (only *Submitter* is the *Seller* or *Buyer* who is not *OPCOM* in schedule submitted).

Automatically generated schedule is displayed to partner of OPCOM in the *Internal Schedules Overview* (see schedule example below).

Schedule (34)
11XEDISON-TRADES
OPCOM
11XEDISON-TRADES
V
P
1.000
1.000
1.000
1.000
1.000
1.000
24.000

Intraday Modifications

Internal Schedule Form – system is in the state for internal schedules intraday modifications. In this example, first hour is closed because actual time has passed the gate closure for first intraday interval. Remaining read-only hours were deselected in the *Intraday Intervals Overview*.





Note: If schedule submitted via Schedule Upload (XML) in the XML file, closed hours must not change (must be the same as in the last valid version).

¥		Ir	nternal Sched	ule Form	Đan Dar
ectrical ser: EDISON_TRADE (11XE)	DISON-TRADES)				28.1.2010, 19:1 (1) (26: 12:00)
Seller Buyer Date From (EET)	EDISON_TRADE EZPADA Romania 3.3.2010	× ×			Uneu 🤟
Date To (EET)	3.3.2010	≥	how data		
Seller Buyer	EDISON_TRADE EZPADA Romania				
Date From (EET) Date To (EET) Schedule ID	3.3.2010 3.3.2010 31				
Date From (EET) Date To (EET) Schedule ID	3.3.2010 3.3.2010 31		Save		
Date From (EET) Date To (EET) Schedule ID	3.3.2010 3.3.2010 31	Time (EET	Save	Power [HW]	
Date From (EET) Date To (EET) Schedule ID	3.3.2010 3.3.2010 31	Time (EET Date	Save) Hour	Power [HW]	
Date From (EET) Date To (EET) Schedule ID	3.3.2010 3.3.2010 31	Time (EET Date 03.03.2010 - 03.03.2010	Save) Hour 00:00 - 01:00	Power [HW]	
Date From (EET) Date To (EET) Schedule ID	3.3.2010 3.3.2010 31	Time (EET Date 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010	Save) Hour 00:00 - 01:00 01:00 - 02:00	Power [HW]	
Date From (EET) Date To (EET) Schedule ID	3.3.2010 3.3.2010 31	Time (EET Date 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010	Save) Hour 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00	Power [HW] 0 2 0	
Date From (EET) Date To (EET) Schedule ID	3.3.2010 3.3.2010 31	Time (EET Date 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010	Save) Hour 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00 21:00 - 22:00	Power [HW] 0 2 0 0	
Date From (EET) Date To (EET) Schedule ID	3.3.2010 3.3.2010 31	Time (EET Date 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010	Save) Hour 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00 21:00 - 22:00 22:00 - 23:00	Power [HW] 0 2 0 0 0	
Date From (EET) Date To (EET) Schedule ID	3.3.2010 3.3.2010 31	Date 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010 03.03.2010 - 03.03.2010	Save) Hour 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00 21:00 - 22:00 22:00 - 23:00 22:00 - 23:00	Power [HW] 0 2 0 0 0 2 2 2 2	

2.8.2. Internal Schedules Overview

Description

Internal Schedules Overview form is accessed via menu Internal Scheduling -> Internal Schedules Overview. The Internal Schedules Overview form displays internal schedules submitted by BRP. The internal schedules are displayed for particular BRP and business day in read-only mode. Icon redirecting to Internal Schedule Form allows schedule modification (if in write mode) or read-only detail displaying.

In addition the overview displays the matching state for each submitted. The matching detail can be displayed as well. Possible mismatches are highlighted by red color.

Steps

(1)Choose the Internal Scheduling / Internal Schedules Overview menu item.

(2)Enter input parameters:

a. Date (EET) - select the business day

(3)Click the **Show data** button to display the overview table with summary information about schedules submitted for given business day, including schedules matching state.





(4)Select one row in the summary overview to view detailed information about schedules.

- (5)Click the $\stackrel{P}{\longrightarrow}$ icon to display the Internal Schedule Form with read-only mode.
- (6)Click the 🗏 icon to display the Internal Schedule Form for schedule modification.
- (7)Click the icon to display the Internal Matching Overview

Internal Schedules Overview displaying schedule submitted by BRP (in Unmatched state) and automatically generated schedule (can be updated by OPCOM only).



2.8.3. Internal Matching Overview

Description

Internal Matching Overview form is accessed via menu **Internal Scheduling -> Internal Matching Overview**. The Internal Matching Overview enables BRP to view matching state of internal schedules submitted to the system where BRP is defined as Source or Destination BRP.

Steps

- (1)Choose the Internal Scheduling / Internal Matching Overview menu item.
- (2)Enter input parameters:
 - a. Date (EET) select the business day





(3)Click the **Show data** button to display the overview table with summary information about matching state of schedules submitted for given business day

(4)Select one row in the summary overview to view detailed information about schedules.

Internal Matching Overview - partner schedules are unmatched, one of them was not received yet.

	*		Int	ernal Matching Overv	iew			Ð) <mark>D</mark> an	nas
Logged user:	8 EDISON_TRADE (11XED	ISON-TRADES)						27.1.X	110, 17:29	(EET)
	Date (EET)	3.3.2010		5how data			Concil	Dner		
	Date (EET)	3.3.2010								
			Saller	Binyar		Matching				
			OPCOM	EDISON_T	RADE	V				
		ED	ISON_TRADE	EZPADA Ro	omania	*				
		Date (EET) Seller Buyer	M 3.3.2010 EDISON_TRADE (11XEI EZPADA Romania (30XF	DISON-TRADES) ROEZPADAE)						
		C 4	adula ID	24						
		Sender	Identification	EDISON TRADE	EZPADA Roma	ania				
		Tin	me (EET)							
		Date	Hour	E 000						
		03.03.2010	01:00 - 02:00	5.000	N/A N/A					
		03.03.2010	02:00 - 03:00	5.000	N/A					
		03.03.2010	21:00 - 22:00	5,000	N/A	33				
		03.03.2010	22:00 - 23:00	5.000	N/A					
		03.03.2010	23:00 - 00:00	5.000	N/A					
			Total	120.000	N/A					
(DAMAS)								0	2009 UI	ICORN

2.8.4. Schedules Upload (XML)

Description

Internal Schedules, Generation Schedules and Availability Declarations schedules may be uploaded as XML documents into the system by BRP via **Internal Scheduling -> Schedules Upload (XML)**. In addition, the form allows submitting of *Priority Production* schedules to OPCOM in CSV file format.

There are the same conditions for uploading all types of schedules as while entering via web form. During intraday, all hours will be sent within the XML (schedules will not be sent only for several hours of the business day). Invalid documents are rejected for whole time interval.

Steps

(1)Choose the Internal Scheduling -> Schedules Upload (XML) menu item

(2)Enter input parameters:





- a. Category selection of the schedule category (Internal Schedules, Generation Schedules and Availability Declarations are allowed for BRP; OPCOM may submit Priority Production only).
- b. Browse select the respective XML/CSV document from your local drive

(3)Click the **OK** button to upload the selected XML/CSV document into the system.

! Important: Processing of uploaded XML/CSV document is performed asynchronously (means, user is allowed to continue working with the application and does not have to wait for processing results).

User is notified about the processing results by a message sent into his account.

Schedules Upload (XML):

	Schedules Upload (XML)	Damas
Logged user: OPCOM (30XROOPCOM-	C)	28.1.2010, 17:46 (EET) 🗈 🕚 🔅 🖘 📴
Category * Browse *	Internal Schedules Procházet	
(DAMAS)		© 2009 UNICORN

2.8.5. Schedules Download (XML)

Description

Entered Internal Schedules, Generation Schedules and Availability Declarations may be downloaded via **Internal Scheduling -> Schedules Download (XML)** menu item. BRP is allowed to download its schedules entered into Damas. The resulting file will contain data submitted by selected BRP.

Steps

(1)Choose the Internal Scheduling -> Schedules Download (XML) menu item

(2)Enter input parameters:

- a. Date (EET) selection of the respective business day
- b. Border selection of the border (possible to select All as well)
- c. Category selection of the schedule type (possible values: Internal Schedules / Generation Schedules / Availability Declaration)

(3)Click the Generate button to create desired XML document.

! Important: Generating of XML document is performed asynchronously (means, user is allowed to continue working with the application. It is not necessary to wait for finishing of the generation).

User is notified about finishing the XML document generation by a message sent into his account.

Schedules Download (XML):







2.9. GENERATION SCHEDULING

BRP are obliged to submit expected availability of their Dispatchable Units (DUs) and Pumping Storages. BRP are allowed to submit availability declaration for a time interval through the *Availability Declaration Form*. After entering the system, the availability declaration is validated. The user is informed by a message sent into his user account about the processing results.

Availability declaration equal to desired limit in each hour of submitted time interval immediately overwrites the original values for given power unit and time interval. Otherwise, the availability declaration must be confirmed / rejected by the system operator.

Hourly availability of given power unit for given business day (time interval) can be displayed in read-only mode by the *Availability Declarations Overview*. Such form is also accessible for BMP who may display availability declaration of its power units (read-only).

Generation schedules may be entered by BRP on power units of given BRP for a time interval through the *Generation Schedule Form*. Submitted generation schedules are validated. Users are informed by the message sent into their user account about the processing results.

Valid generation schedules immediately overwrite the original values stored in the system for each included power unit and business day of the time interval.

Power units' generation schedules may be displayed by BRP through the *Generation Schedules Overview*. In addition, this form may be displayed by Balancing Market Participant (BMP) in read-only mode only for its units.

2.9.1. Availability Declaration Form

Description

Availability Declarations of Dispatchable Units and Pumping Storages can be entered via **Internal Scheduling -> Availability Declaration Form** by BRP for a time interval (Date From – Date To).

Availability declarations are allowed to be submitted if the system is in the *Entering of Availability Declarations* system state for given business day. After submission, each availability declaration is validated. BRP are informed by a message sent into their user accounts about the processing results.





For Intraday modifications by BRP, the system must be in the *AD Intraday Modifications* state for given business day. Hours that are not allowed to be modified any more are read-only. The business validations are the same as for D-1 submitting.

If valid, availability declaration is stored into the system and must be approved by the system operator. Before acceptation / rejection, the already entered values remain unchanged for the respective DU and business day.

After confirmation, the values in the system are overwritten by values of the respective availability declaration for each business day of the respective time interval. The BRP is informed by a message sent into his user account about the acceptation / rejection.

Availability declaration can be accepted / rejected per DU for whole time interval via the *Availability Declaration Confirmation* form. Before acceptation / rejection schedule may not be submitted for the same DU and time interval (or its part, no overlapping).

Availability declarations that remain unconfirmed at predefined time are automatically rejected for the whole time interval (for more see chapter <u>Intraday Modifications</u>, part AD Automatic Cancellation).

Steps

(1)Choose the Internal Scheduling -> Availability Declaration Form menu item.

(2)Enter input parameters:

- a. Date From (EET) selection of the first business day of the time interval
- b. Date To (EET) selection of the last business day of the time interval
- c. Power Unit selection of power unit of *Unit* or *Pumping Storage* type that are assigned to given BRP

(3)Click the **Show data** button to open the form for entering a new schedule.

(4)Enter the scheduled amount of power in the **Required Power [MW]** field. If lower than *Maximal [MW]* in any hour, **Request ID** and **Request Type** fields are mandatory.

(5)Select the **Save** button to save the schedule.

Immediately after the schedule is submitted, the system performs the validations of the schedule. The user is notified by a dialog window and new message with the processing results. If the validation conditions are met, the schedule is stored in the system.

! Important: Before acceptation / rejection, schedule may not be submitted for the same DU (Pumping Storage as well) and time interval (or its part, no overlapping). In such case, error message is displayed.







Note: If confirmed schedule already exists for combination of parameters (Submitter, Seller, Buyer, business day), warning is displayed, informing about existing diagram.

C Warning - Poskytovatel aplikace Microsoft Internet Explorer: UNICORN	_ 🗆 🔀
Warning	!
Values already entered for following days of selected time interval from 3.3.2010 to 3.3.2010 and pov PDF212: 03.03.2010 Confirmation causes overwriting of former values.	ver unit
ОК	
	· · ·

Dialog window example - schedule saved:

Processing result - Poskytovatel apl	ikace Microsoft Internet Explorer: UNICORN	
Information		i
Reception Date (EET)	27.01.2010 18:13	
User	Libor Sluka	
State	Accepted	
Document ID	20100303_A28_AD_11XEDISON-TRADES_1	
Document Version	1	
Schedule ID	71	
BRP	EDISON_TRADE	
Date From (EET)	03.03.2010	
Date To (EET)	03.03.2010	
Power Unit	PDF212	
State	Accepted	
	ОК	

Message example:

Libor Sluka(EDISON_TRADE), 27.01.2010 18:13:43 (EET)





Picture: Availability Declaration Form – required power of the unit is lower than maximum in at least one hour, *Request ID* and *Request Type* must be entered.

<u>i</u>			Availability I	eclaration Form		Đ Dama
user: EDISON_TRADE	(11XEDISON-TRADES)					27.1.2010, 18:05
Date From (EET)) 33,2010	DM			Line	Dneu - P
Date To (EET)	3.3.2010					
Power Unit	t PDE212		Show data			
Power Uni Date From (EET Date To (EET Schedule II	t PDF212) 3.3.2010) 3.3.2010 D N/A					
		Reques	t ID any text			
		Reques	t ID any text Type Accidental			
		Request Request Commo	t ID any text Type Accidental ent			
	Time (EET	Reques Request Commo	t ID any text Type Accidental ent Maximal (PMaxBM) [MV	Last Confirmed Power [HW]	Required Power [HW]	
	Time (EET Date	Reques Request Common) Hour	t ID any text Type Accidental ent Maximal (PMaxBM) [MV	Last Confirmed Power [HW]	Required Power [HW]	
03.	Time (EET Date .03.2010 - 03.03.2010	Request Request Common) Hour 00:00 - 01:00	t ID any text Type Accidental ent Maximal (PMaxBM) [MV 108.000		Required Power [HW]	
03.	Time (EET, Date .03.2010 - 03.03.2010 .03.2010 - 03.03.2010	Request Request Common Hour 00:00 - 01:00 01:00 - 02:00	Save	Last Confirmed Power [HW] 108.000 108.000	Required Power [HW]	
03. 03. 03.	Time (EET Date 03.2010 - 03.03.2010 .03.2010 - 03.03.2010 .03.2010 - 03.03.2010	Request Request Common Hour 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00	Save t ID any text Type Accidental ent Accidental Maximal (PMaxBM) [MV 108.000 108.000	Last Confirmed Power [HW] 108.000 108.000 108.000	Required Power [HW]	
03. 03. 03. 03. 03. 03. 03. 03.	Time (EET Date 03.2010 - 03.03.2010 03.2010 - 03.03.2010 03.2010 - 03.03.2010 03.2010 - 03.03.2010	Request Request Commo 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00 21:00 - 22:00	Save t ID any text Type Accidental ent Maximal (PHaxBM) [HV 108.000 108.000 108.000	Last Confirmed Power [MW] 108.000 108.000 108.000 108.000	Required Power [HW] 100.000 100.000 100.000 100.000	
03. 03. 03. 03. 03. 03. 03. 03. 03. 03.	Time (EET Date 03.2010 - 03.03.2010 03.2010 - 03.03.2010 03.2010 - 03.03.2010 03.2010 - 03.03.2010	Request Request Commo 0:00 - 01:00 01:00 - 02:00 02:00 - 03:00 21:00 - 22:00 22:00 - 23:00	Save t ID any text Type Accidental ent Maximal (PHaxBH) [HV 108.000 108.000 108.000 108.000	Last Confirmed Power [HW] 108.000 108.000 108.000 108.000 108.000 108.000 108.000	Required Power [HW]	
03. 03. 03. 03. 03. 03. 03. 03. 03. 03.	Time (EET Date 0.3.2010 - 0.3.03.2010 0.3.2010 - 0.3.03.2010 0.3.2010 - 0.3.03.2010 0.3.2010 - 0.3.03.2010 0.3.2010 - 0.3.03.2010	Request Request Commo 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00 21:00 - 22:00 22:00 - 23:00 23:00 - 00:00	Save t ID any text Type Accidental Maximal (PMaxBM) [MV 108.000 108.000 108.000 108.000 108.000 108.000	Last Confirmed Power [HW] 108.000 108.000 108.000 108.000 108.000 108.000 108.000 108.000 108.000 108.000 108.000 108.000	Required Power [HW]	

! Important: After saving the schedule, the form with submitted values remains displayed in the browser (for reference). It is necessary to modify the filter (selection parameters) and click the Show data button to enter a new schedule.

Intraday Modifications

Availability Declaration Form – system is in the state for availability declarations intraday modifications. In this example, first hour is closed because actual time has passed the gate closure for first intraday interval. Remaining read-only hours were deselected in the *Intraday Intervals Overview*.

Note: If schedule submitted via Schedule Upload (XML) in the XML file, closed hours must not change (must be the same as in the last valid version).





±			Availability I	Declaration Form		Dan Dan
Nectrica user: EDISON TRADE (11	XEDISON-TRADES)					28.1.2010, 19:32
2) (>						1 🖓 🖓 👘 🖏
Date From (EET)	3.3.2010					
Date To (EET)	3.3.2010					
Power Unit	PDF212		Show data	l I		
Power Unit Date From (EET) Date To (EET) Schedule ID	PDF212 3.3.2010 3.3.2010 271					
		Request	t ID any text			
		Request	t ID any text Type Accidental			
		Request Request Comme	t ID any text Type Accidental ent	M		
	Time (FFT	Request Request Comme	Save	Last Confirmed Power [RW]	Dequired Power [NW]	
	Time (EET Date	Request Comme	t ID any text Type Accidental ent	Last Confirmed Power [MW]	Required Power [MW]	
03.03	Time (EET Date 3.2010 - 03.03.2010	Request Request Comme) Hour 00:00 - 01:00	t ID any text Type Accidental ent Haximal (PHaxBH) (HV 108.000	Last Confirmed Power [HW] 100.000	Required Power [MW]	
03.03	Time (EET Date 3.2010 - 03.03.2010 3.2010 - 03.03.2010	Request Request Commo) Hour 00:00 - 01:00 01:00 - 02:00	Save	Image: Confirmed Power [MW] 100.000 100.000	Required Power [MW]	
03.03 03.03 03.03	Time (EET Date 3.2010 - 03.03.2010 3.2010 - 03.03.2010 3.2010 - 03.03.2010	Request Request Commo) Hour 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00	Save	Image: Confirmed Power [PIW] 100.000 100.000 100.000 100.000	Required Power [MW]	
03.03 03.03 03.03 03.03	Time (EET Date 3.2010 - 03.03.2010 3.2010 - 03.03.2010 3.2010 - 03.03.2010 3.2010 - 03.03.2010	Request Request Commo 0:00 - 01:00 01:00 - 02:00 02:00 - 03:00 21:00 - 22:00	Save	Image: Confirmed Power [HW] 100.000 100.000 100.000 100.000 100.000 100.000	Required Power [NW]	
03.03 03.03 03.03 03.03 03.03 03.03	Time (EET Date 3.2010 - 03.03.2010 3.2010 - 03.03.2010 3.2010 - 03.03.2010 3.2010 - 03.03.2010	Request Request Comme 0:00 - 01:00 01:00 - 02:00 02:00 - 03:00 21:00 - 22:00 22:00 - 23:00	Save	Image: Confirmed Power [HW] 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000	Required Power [MW]	
03.03 03.03 03.03 03.03 03.03 03.03 03.03 03.03	Time (EET Date 3.2010 - 03.03.2010 3.2010 - 03.03.2010 3.2010 - 03.03.2010 3.2010 - 03.03.2010 3.2010 - 03.03.2010	Request Request Comme 0:00 - 01:00 01:00 - 02:00 02:00 - 03:00 21:00 - 22:00 22:00 - 23:00 23:00 - 00:00	Save t ID any text Type Accidental ent 108.000 108.000 108.000 108.000 108.000 108.000 108.000	Last Confirmed Power [MW] 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000	Required Power [MW]	

2.9.2. Availability Declarations Overview

Description

A summary overview of submitted availability declarations is available in the **Internal Scheduling** - > **Availability Declarations Overview** web form for one business day. Displayed values were automatically accepted by the system or approved by the system operator, after receiving the availability declaration into the system.

Form can be displayed by Balancing Market Participant (BMP) in read-only mode. Such user may display availability of his power units only.

Steps

(1)Choose the Internal Scheduling -> Availability Declarations Overview menu item

(2)Enter input parameters:

- a. BRP selection of BRP (not displayed for BRP)
- b. Date (EET) selection of the business day

(3)Click the **Show data** button to display the overview table with summary information about schedules submitted for the combination of BRP, border direction, scheduling type and capacity identification for given business day.





(4)Select one row in the summary overview to view detailed information about schedules submitted for combination of BRP and business day, including availability equality to *Maximum* for each power unit of BRP (for given day) and whether any schedule of given BRP waits for confirmation.

(5)Click the p icon to display the Availability Declaration Form with read-only mode.

(6)Click the icon to display the **Availability Declaration Form** for schedule modification (displayed if no diagram waits for confirmation for given unit and business day; or if the unit is not displayed for BMP whose is its BRP at the same time).

Picture: Availability Declarations Overview – schedule waiting for confirmation by system operator. Unit availability still equals to *Maximal*, because new schedule not confirmed yet.

		F	Availability D	Declarations C	verview		Ð Damas
DISON_TRADE (11XED	(SON-TRADES)					1	27.1.3010. 18:45 (Ef
BRP *			DISON_TRADE ZPADA Romania				
Date (EET)	3.3.2010			Show data			
Date (EET)	3.3.2010						
					_		1
		EDISC	BRP H (PH: ON_TRADE	Waiting f (AX (Confirmat (Confirmat)	or ion		
							1
Date (EET) 3.3.2010	•	Availability De	claration Detail			ă
Date (EET) 3.3.2010 BRP EDISON_TRA	ADE (11XEDISON-TR	Availability Der MADES)	claration Detail			
Date ((EET) 3.3.2010 BRP EDISON_TRA	ANDE (11XEDISON-TR	Availability Der MADES) Name	claration Detail	12		
Date ((EET) 3.3.2010 BRP EDISON_TRA	A NDE (11XEDISON-TR Unit I Unit I	Availability Der MADES) Name Type Y (Matanility)	claration Detail PDF2 Una	12		
Date ((EET) 3.3.2010 BRP EDISON_TRA	A NDE (11XEDISON-TR Unit 1 Unit 1 Equal to MA: Waiting for C	Availability Dec (ADES) Name Type X (PHax8H) Confirmation	claration Detail PDF2 Unit	12		
Date ((EET) 3.3.2010 BRP EDISON_TRA	A NDE (11XEDISON-TR Unit I Unit I Equal to MA Waiting for C Sched	Availability Dec MADES) Name Type X (PHax8H) Confirmation Jule ID	claration Detail PDF2 Unit V N/A	12		
Date ((EET) 3.3.2010 BRP EDISON_TRA	A NDE (11XEDISON-TR Unit I Unit I Equal to MA Waiting for C Sched Time	Availability Dec MDES) Itame Type X (PHax8H) Confirmation Jule ID (EET)	claration Detail PDF2 Unit V N/A	12		
Date ((EET) 3.3.2010 BRP EDISON_TRA	A NDE (11XEDISON-TR Unit I Unit I Unit Equal to MA Waiting for C Sched Time Date 0.032005	Availability Dec (ADES) Name Type X (Pf1ax8H1) Confirmation Jule ID (EET) Hour	Confirmed AD	12 New AD		
Date ((EET) 3.3.2010 BRP EDISON_TRA	A DE (11XEDISON-TR Unit 1 Unit Equal to MA: Waiting for C Sched Time Date 03.03.2010	Availability Dec ADDES) Name Type X (PHax8H4) Confirmation lule ID ((ET) Hour 00:00 - 01:00	Claration Detail	12 New AD 100.000		
Date ((EET) 3.3.2010 BRP EDISON_TRA	A DE (11XEDISON-TR Unit 1 Unit 1 Unit tqual to MAX Waiting for Sched Time Date 03.03.2010 03.03.2010	Availability Dee Mane Type X (PHax8H) Confirmation lule ID (EET) Hour 00:00 - 01:00 19:00 - 20:00	Claration Detail	12 New AD 100.000 100.000		
Date ((EET) 3.3.2010 BRP EDISON_TRA	A NDE (11XEDISON-TR Unit 1 Unit 1 Unit 1 Equal to HA2 Waiting for C Sched Time Date 03.03.2010 03.03.2010 03.03.2010	Availability Dee Mame Type X (PHax8H) Confirmation Iule ID (EET) Hour 00:00 - 01:00 19:00 - 20:00 20:00 - 21:00	Claration Detail	12 New AD 100.000 100.000 100.000		
Date ((ET) 3.3.2010 BRP EDISON_TRA	A NDE (11XEDISON-TR Unit I Unit I Unit Equal to MA Waiting for C Sched Time Date 03.03.2010 03.03.2010 03.03.2010 03.03.2010	Availability Dee MADES) Type X (PHax8H) Confirmation Iule ID (tET) Hour 00:00 - 01:00 19:00 - 20:00 20:00 - 21:00 21:00 - 22:00	Confirmed AD 108.000 108.000	12 New AD 100.000 100.000 100.000 100.000		
Date ((EET) 3.3.2010 BRP EDISON_TRA	A NDE (11XEDISON-TR Unit I Unit I Unit Equal to MAX Waiting for C Sched Time Date 03.03.2010 03.03.2010 03.03.2010 03.03.2010 03.03.2010	Availability Dec ADDES) Itame Type X (PHax8H4) Confirmation Iule ID (EET) Hour 00:00 - 01:00 19:00 - 20:00 20:00 - 21:00 21:00 - 22:00 22:00 - 23:00	Confirmed AD 108.000 108.000 108.000 108.000 108.000	New AD 100.000 100.000 100.000 100.000		
Date ((EET) 3.3.2010 BRP EDISON_TRA	A NDE (11XEDISON-TR Unit 1 Unit 1 Equal to MAL Waiting for C Sched Time Date 03.03.2010 03.03.2010 03.03.2010 03.03.2010 03.03.2010 03.03.2010 03.03.2010	Availability Dec Availability Dec ADDES) Itame Type X (PHax8H4) Confirmation Use DD (ET) Hour 00:00 - 01:00 19:00 - 20:00 20:00 - 21:00 22:00 - 22:00 22:00 - 02:00	Claration Detail	New AD 100.000 100.000 100.000 100.000 100.000 100.000 2400.000		

Information about schedule acceptation / rejection is sent to BRP into his message menu.

Scheduling Manager(TEL Managers), 27.01.2010 18:55:08 (EET) Availability declaration confirmed/cancelled. List of schedules attached. 0 🚹





Picture: Availability Declarations Overview – no schedule waiting for confirmation. Unit availability was reduced from *Maximal*.

	_				
		BRP M	IAX Confirmat	or	
		(PM	axBM)		
	EDIS	ON_TRADE	<u>9</u>	-	
		Availability De	claration Detail		
Date (EET) 3.3.2010		ADES)			
DRF EDISON_TR	ADE (TIXEDISON-II	(ADES)			
	1.5				
	Unit	Name	PDF2	12	
	Unit	Туре	Uni	t	
	Equal to MA	X (PHaxBH)	9		
	Waiting for	Confirmation			
	Schee	dule ID	271		
	Schee	dule ID (EET)	271		
	Schee Time Date	lule ID : (EET) Hour	271 Confirmed AD	B New AD	
	Schee Time Date 03.03.2010	dule ID (EET) Hour 00:00 - 01:00	Confirmed AD 100.000	New AD	
	Schee Time Date 03.03.2010 03.03.2010	dule ID (EET) Hour 00:00 - 01:00 01:00 - 02:00	271 Confirmed AD 100.000 100.000	New AD N/A N/A	
	Schee Time Date 03.03.2010 03.03.2010 03.03.2010	dule ID (EET) Hour 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00	Confirmed AD 100.000 100.000 100.000	New AD N/A N/A N/A	
	Schee Time 03.03.2010 03.03.2010 03.03.2010 03.03.2010	Lule ID (EET) Hour 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00 21:00 - 22:00	Confirmed AD 100.000 100.000 100.000 100.000	New AD N/A N/A N/A N/A	

2.9.3. Generation Schedule Form

Description

Generation schedules of power units can be entered via **Internal Scheduling -> Generation Schedule Form** by BRP for a time interval (Date From – Date To). BRP may submit daily generation (production / consumption) schedules, if the system is in the *Entering of Generation Schedules* state for given business day.

Generation schedules are submitted on generation / consumption units assigned to BRP. BRP may submit hourly schedules for Dispatchable Units (DUs), Non-Dispatchable Units (Non-DUs), Dispatchable Loads (DLs) and Non-Dispatchable Loads (Non-DLs).

In addition, BRP may submit generation for Non-DUs and consumption for Non-DLs, whose installed power is lower than 10 MW (resp. *Pmax* in *Power Unit Code Table*). Both values are submitted separately as hourly values (may differ in each hour) for a business day, identified as *Virtual Non-DU* and *Virtual Non-DL*.

As well, BRP may submit amounts of *Euav* (*Energy upward available for DU and business day*) and *Edav* (*Energy downward available for DU and business day*) for each DU unit of water type. The values are submitted separately as aggregated values for a business day.

After submission the generation schedules are validated. If valid, the original values stored in the system are overwritten by values of given generation schedule for each business day of the time





interval. The read-only generation schedule values are available on the *Generation Schedule Overview* form.

For Intraday modifications by BRP, the system must be in the *GS Intraday Modifications* state for given business day. Hours that are not allowed to be modified any more are read-only. The business validations are the same as for D-1 submitting.

Availability declarations are allowed to be submitted if the system is in the *Entering of Availability Declarations* system state for given business day. After submission, each availability declaration is validated. BRP are informed by a message sent into their user accounts about the processing results.

For Intraday modifications by BRP, the system must be in the *AD Intraday Modifications* state for given business day. Hours that are not allowed to be modified any more are read-only. The business validations are the same as for D-1 submitting.

Steps

(1)Choose the Internal Scheduling -> Generation Schedule Form menu item.

(2)Enter input parameters:

- a. Date From (EET) selection of the first business day of the time interval
- b. Date To (EET) selection of the last business day of the time interval
- c. Dispatchable Unit selection of dispatchable units that are assigned to given BRP
- d. Non-Dispatchable Unit selection of non-dispatchable units that are assigned to given BRP
- e. Dispatchable Load selection of dispatchable loads that are assigned to given BRP
- f. Non-Dispatchable Load selection of non-dispatchable loads that are assigned to given BRP
- g. Others selection of virtual power units that are assigned to given BRP

(3)Click the Show data button to open the form for entering a new schedule.

(4)Enter the scheduled amount of power for given units (*Note: for Pumping Storages the hourly values may be negative, as well*).

(5)Select the **Save** button to save the schedule.

Immediately after the schedule is submitted, the system performs the validations of the schedule. The user is notified by a dialog window and new message with the processing results. If the validation conditions are met, the schedule is stored in the system.

Note: If schedule already exists for combination of parameters (BRP, Power Unit, business day) warning is displayed, informing about existing diagram.

Dialog window example - schedule saved:





🏉 Processing result - Poskytovatel aplikace Mi	crosoft Internet Explorer: UNICORN	- 🗆 🛛
Information		i i
Reception Date (EET)	28.01.2010 16:14	
User	Libor Sluka	
State	Accepted	
Document ID	20100119_A01_GPN_11XEDISON-TRADES_1	
Document Version	1	
Schedule ID	61	
BRP	EDISON_TRADE	
Date From (EET)	03.03.2010	
Date To (EET)	03.03.2010	
Power Unit	PDF212	
State	Accepted	
	ОК	

Message example:

Libor Sluka(EDISON_TRADE), 28.01.2010 16:14:18 (EET)
Generation schedules received. List of schedules attached.

0 🚯

Picture: Generation Schedule Form

A		Generation Schedule F	Form		Ð Damas
ogged user: Administrator A (TEL Ma	nagara)			د ۲) المراجع	6.11.2009, 15:27 (EE 说,, 盆 图
Date From (EET)	26.11.2009				
Dispatchable Unit	C 25.11.2009 2 C DP Unit 1 DP Unit 2 DP Unit 4 DP Unit 5	DP Unit 3 DP Unit 6			
Non-Dispatchable Unit	Non-DP Unit 1 Non-DP Unit 2 Non-DP Unit 4	Non-DP Unit 3			
Dispatchable Load	DP Load 2 DP Load 4 DP Load 5	DP Load 1 DP Load 3			
Dispatchable Load	Non-DP Load 2 Non-DP Load 3 Non-DP Load 4 Non-DP Load 5	Non-DP Load 1			
Others	Vitual Non-DU	Virtual Non-DL	show data		



	_		Save			
Unit	Name	DP Unit 3	DP Unit 6	Non-DP Unit3	Virtual Non-DL	
Unif	t Type	Unit	Unit	Pumping Storage		
Sche	dule ID	SCH-033	CHD-ID-23	SCH-12		
Euav	[MWh]					
Edav	[HWh]					
Tim	e (EET)					
Date	Hour	8¥				
26.11.2009	00:00 - 01:00					
26.11.2009	01:00 - 02:00					
26.11.2009	02:00 - 03:00					
26.11.2009	18:00 - 19:00					
26.11.2009	19:00 - 20:00					
26.11.2009	20:00 - 21:00					
26 11 2000	21:00 - 22:00	-	1			
20.11.2005	21.00 22.00					
26.11.2009	22:00 - 23:00					
26.11.2009	23:00 - 00:00					
Total						

! Important: After saving the schedule, the form with submitted values remains displayed in the browser (for reference). It is necessary to modify the filter (selection parameters) and click the Show data button to enter a new schedule.

Intraday Modifications

Generation Schedule Form – system is in the state for generation schedules intraday modifications. In this example, first hour is closed because actual time has passed the gate closure for first intraday interval. Remaining read-only hours were deselected in the *Intraday Intervals Overview*.

Note: If schedule submitted via Schedule Upload (XML) in the XML file, closed hours must not change (must be the same as in the last valid version).





<u></u>		Ge	neration Sched	ule Form	Đ Dama
user: EDISON_TRADE (11XE 2) (=	DISON-TRADES)				28.1.2010, 19:27 (🕙 🤴 😓 🛽
Date From (EET) Date To (EET)	3.3.2010 3.3.2010				
			Save		
		Unit Nam	e	PDF212	
		Unit Typ		Unit	
		Schedule	ID	61	
		Euav (MW	h]	15000.999	
		Edav [HW	h]	15000.111	
		Time (EET)		
		Date	Hour	₽₹	
		03.03.2010 - 03.03.2010	00:00 - 01:00	80.000	
		03.03.2010 - 03.03.2010	01:00 - 02:00	80.000	
		03.03.2010 - 03.03.2010	02:00 - 03:00	81.000	
		03.03.2010 - 03.03.2010	21:00 - 22:00	90.000	
		03.03.2010 - 03.03.2010	22:00 - 23:00	80.000	
		03.03.2010 - 03.03.2010	23:00 - 00:00	80.000	
			and a start of the	and the second se	

2.9.4. Generation Schedules Overview

Description

A summary overview of submitted generation schedules is available in the **Internal Scheduling** -> **Generation Schedules Overview** web form for one business day. If a new, valid generation schedule is received through the *Generation Schedule Form*, values from this schedule overwrite the original ones for given business day and unit.

The form allows displaying of *Priority production* for given business day and power unit that is received from OPCOM via *Schedules Upload (XML)* in CSV file format. OPCOM is allowed to display only diagrams of priority production.

Except hourly values, the overview displays aggregated values of Euav and Edav for a business day.

Form can be displayed by Balancing Market Participant (BMP) in read-only mode. Such user may display generation / production of his power units only.

Steps

(1)Choose the Internal Scheduling -> Generation Schedules Overview menu item

(2)Enter input parameters:

- a. BRP selection of BRP (not displayed for BRP)
- b. Date (EET) selection of the business day
- c. Power Unit selection of the power unit that are assigned to given BRP or BMP





(Note: subject can be BMP and BRP also at one time). Not displayed for OPCOM.

d. Priority Production – selection whether priority production schedules submitted by OPCOM shall be displayed if received.

(3)Click the Show data button to display the overview table with selection of given BRP.

(4)Select one row in the summary overview to view detailed information about schedules submitted for combination of BRP and business day.

(5)Click the \mathcal{P} icon to display the **Generation Schedule Form** with read-only mode.

(6)Click the \blacksquare icon to display the **Generation Schedule Form** for schedule modification (displayed if the unit is displayed for BMP whose is its BRP at the same time).

Picture: Generation Schedules Overview – displayed by BRP that is BMP at the same time; including schedules of priority production for two units

4			Gene	eration Schee	dules Overview	N			Ð	Damas
user: EDISON_TRADE (11XEI	DISON-TRADES)						٩	28.1.2010	17:23 (E
BRP			EDISON EZPADA	_TRADE Romania						
Date (EET)	3.3.20	010 🔰 🛙								
Power Unit			BORZS LOTR1 PDF212 PDF234							
Priority Production			< RIUM1	Show	data					
Date (EET)	3.3.2010									
Date (EET)	3.3.2010			BRP						
Date (EET)	3.3.2010			BRP EDISON_TRA	DE					
Date (EET)	3.3.2010 Unit	Name	PDF212	BRP EDISON_TRA	DE PDF234	PDF234	LOTR1			
Date (EET)	3.3.2010 Unit	Name Type	PDF212 Unit	BRP EDISON_TRA PDF212 Unit	DE PDF234 Unit	PDF234 Unit	LOTR1 Load			
Date (EET)	3.3.2010 Unit Unit	Name Type dule ID	PDF212 Unit 61	BRP EDISON_TRA PDF212 Unit 71	PDF234 Unit 62	PDF234 Unit 72	LOTR1 Load 63			
Date (EET)	3.3.2010 Unit Unit Scher Euav	Name Type dule ID [HWh]	PDF212 Unit 61 15000.999	BRP EDISON_TRA PDF212 Unit 71	PDF234 Unit 62 15000.999	PDF234 Unit 72	LOTR1 Load 63			
Date (EET)	3.3.2010 Unit Unit Schee Euav Edav	Name Type dule ID [HWh]	PDF212 Unit 61 15000.999 15000.111	BRP EDISON_TRA PDF212 Unit 71	PDF234 Unit 62 15000.999 15000.111	PDF234 Unit 72	LOTR1 Load 63			
Date (EET)	3.3.2010 Unit Unit Schee Euav Edav Priority F	Name Type dule ID [HWh] [HWh]	PDF212 Unit 61 15000.999 15000.111	BRP EDISON_TRA PDF212 Unit 71 Yes	PDF234 Unit 62 15000.999 15000.111	PDF234 Unit 72 Yes	LOTR1 Load 63			
Date (EET)	3.3.2010 Unit Unit Scher Euav Edav Priority f	Name Type dule ID [HWh] [HWh] production e (EET)	PDF212 Unit 61 15000.999 15000.111	BRP EDISON_TRA PDF212 Unit 71 Yes	DE PDF234 Unit 62 15000.999 15000.111	PDF234 Unit 72 Yes	LOTR1 Load 63			
Date (EET)	3.3.2010 Unit Unit Scher Euav Edav Priority F Time Date	Name Type dule ID [HWh] Production (EET) Hour	PDF212 Unit 61 15000.999 15000.111	BRP EDISON_TRA PDF212 Unit 71 Yes	DE PDF234 Unit 62 15000.999 15000.111	PDF234 Unit 72 Yes	LOTR1 Load 63			
Date (EET)	3.3.2010 Unit Unit Scher Edav Priority f Time Date 03.03.2010	Name Type dule 1D [HWh] [HWh] roduction e (EET) Hour 00:00 - 01:00	PDF212 Unit 61 15000.999 15000.111 80.000 20.000	BRP EDISON_TRA PDF212 Unit 71 Yes 42.801	PDF234 Unit 62 15000.999 15000.111	PDF234 Unit 72 Yes 42.802	LOTR1 Load 63			
Date (EET)	Unit Unit Unit Scher Euav Priority F Date 03.03.2010 03.03.2010	Name Type dule ID [HWh] Production (EET) Hour 00:00 - 01:00 01:00 - 03:00	PDF212 Unit 61 15000.999 15000.111 90 80.000 80.000 81.000 81.000	BRP EDISON_TRA PDF212 Unit 71 Yes 42.801 42.802 42.802 42.802	DE PDF234 Unit 62 15000.999 15000.111 U B 80.000 80.000 82.000	PDF234 Unit 72 Yes 42.802 42.802 42.802	LOTR1 Load 63			
Date (EET)	3.3.2010 Unit Unit Schee Euav Priority J Time Date 03.03.2010 03.03.2010 03.03.2010	Name Type dule ID [HWh] [HWh] Production e (EET) 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00	PDF212 Unit 61 15000.999 15000.111 E B 80.000 80.000 81.000 81.000 81.000	BRP EDISON_TRA PDF212 Unit 71 Yes 42.801 42.802 42.802	DE PDF234 Unit 62 15000.999 15000.111 C C 80.000 80.000 80.000 80.000 80.000	PDF234 Unit 72 Yes 42.802 42.802 42.802 42.802	LOTR1 Load 63 170.000 170.000 170.000			
Date (EET)	3.3.2010 Unit Unit Scher Euav Priority f Time Date 03.03.2010 03.03.2010 03.03.2010 03.03.2010	Name Type dule ID [HWh] Production (EET) Hour 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00 21:00 - 22:00 21:00 - 23:00	PDF212 Unit 61 15000.999 15000.111 E B 80.000 80.000 81.000 90.000 90.000	BRP EDISON_TRA PDF212 Unit 71 Yes 42.801 42.802 42.802 42.802 42.802 42.802	DE PDF234 Unit 62 15000.999 15000.111 Unit 80.000 80.000 80.000 82.000 90.000 80.000	PDF234 Unit 72 Yes 42.802 42.802 42.802 42.802 42.802 42.802	LOTR1 Load 63 170.000 173.000 0.000 120.000			
Date (EET)	3.3.2010 Unit Unit Scher Edav Priority f Date 03.03.2010 03.03.2010 03.03.2010 03.03.2010	Name Type dule ID [HWh] [FWh] Production e (EET) Hour 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00 21:00 - 22:00 22:00 - 23:00	PDF212 Unit 61 15000.999 15000.111 80.000 80.000 81.000 90.000 80.000 80.000 80.000	BRP EDISON_TRA PDF212 Unit 71 Yes 42.801 42.802 42.802 42.802 42.802 42.802 42.802 42.802	DE PDF234 Unit 62 15000.999 15000.111 C E 80.000 80.000 80.000 80.000 80.000 80.000 80.000	PDF234 Unit 72 Yes 42.802 42.802 42.802 42.802 42.802 42.802 42.802 42.802	LOTR1 Load 63 170.000 170.000 173.000 0.000 170.000			





Picture: Generation Schedules Overview - displayed by OPCOM (may see only schedules of priority production)

-	General	ion Schedules C	Overview	Đ Damas
орсон (закоорсонс)				20.1.2010, 17:27 (EET) 国 🕚 等品 英 📴
BRP	AT >>> CE ED	EL SRBIDA! NCRAIOVA Z RO ISON_TRADE		
Date (EET)	< 3.3.2010 <	ER		
Date (EET) 3.3.2010				
		BRP EDISON_TRADE		-
	Unit Name	PDF212	PDF234	=
	Unit Name Unit Type	PDF212 Unit	PDF234 Unit	•
	Unit Name Unit Type Schedule ID	PDF212 Unit 71	PDF234 Unit 72	-
	Unit Name Unit Type Schedule ID Euay [HWb]	PDF212 Unit 71	PDF234 Unit 72	-
	Unit Name Unit Type Schedule ID Euav [HWh] Edav [HWh]	PDF212 Unit 71	PDF234 Unit 72	-
	Unit Name Unit Type Schedule ID Euav [MWh] Edav [MWh] Pringity Production	PDF212 Unit 71	PDF234 Unit 72	-
	Unit Name Unit Type Schedule ID Euav [MWh] Edav [MWh] Priority Production Time (FET)	PDF212 Unit 71 Yes	PDF234 Unit 72 Yes	-
	Unit Name Unit Type Schedule ID Euav [HWh] Edav [HWh] Priority Production Time (EET) Date Hour	PDF212 Unit 71 Yes	PDF234 Unit 72 Yes	
	Unit Name Unit Type Schedule ID Euav [HWh] Edav [HWh] Priority Production Time (EET) Date Hour 03.03.2010 00:00 - 01	PDF212 Unit 71 Yes 00 42.801	PDF234 Unit 72 Yes 42.802	•
	Unit Name Unit Type Schedule ID Euav [HWh] Edav [HWh] Priority Production Time (EET) Date Hour 03.03.2010 00:00 - 01 03.03.2010 01:00 - 02	PDF212 Unit 71 Yes 00 42.801 42.802	PDF234 Unit 72 Yes 42.802 42.802	8
	Unit Name Unit Type Schedule ID Euav [HWh] Edav [HWh] Priority Production Time (EET) Date Hour 03.03.2010 00:00 - 01 03.03.2010 01:00 - 02 03.03.2010 02:00 - 03	PDF212 Unit 71 Yes 00 42.801 00 42.802	PDF234 Unit 72 Yes 42.802 42.802 42.802	8
	Unit Name Unit Type Schedule ID Edav [MWh] Edav [MWh] Priority Production Time (EET) Date Hour 03.03.2010 00:00 - 01 03.03.2010 01:00 - 02 03.03.2010 01:00 - 02 03.03.2010 21:00 - 22	PDF212 Unit 71 Ves 00 42.801 00 42.802 00 42.802	PDF234 Unit 72 Yes 42.802 42.802 42.802 42.802 42.802	
	Unit Name Unit Type Schedule ID Edav [HWh] Edav [HWh] Priority Production Time (EET) Date 03.03.2010 00:00 - 01 03.03.2010 01:00 - 02 03.03.2010 02:00 - 03 03.03.2010 21:00 - 22 03.03.2010 21:00 - 22	PDF212 Unit 71 Ves 00 42.801 00 42.802 00 42.802 00 42.802 00 42.802	PDF234 Unit 72 Yes 42.802 42.802 42.802 42.802 42.802	
	Unit Name Unit Type Schedule ID Euav [HWh] Euav [HWh] Priority Production Time (EET) Date Hour 03.03.2010 00:00 - 01 03.03.2010 02:00 - 03 03.03.2010 02:00 - 03 03.03.2010 02:00 - 03 03.03.2010 21:00 - 22 03.03.2010 23:00 - 00 03.03.2010 23:00 - 00 03.03.2010 23:00 - 00 03.03.2010 23:00 - 00 03.03.2010 03:00 - 00 03.03.2010 03:00 - 00 03.03.2010 03:00 - 00 03.03.2010 03:00 - 00 03.03.2010 03:00 - 00 03.03.2010 03:00 - 00 03.03.2010 03:00 - 00 03.03.2010 03:00 - 00 03.03.2010 03:00 - 00 03:00	PDF212 Unit 71 Yes 00 42.801 00 42.802 00 42.802 00 42.802 00 42.802	PDF234 Unit 72 Yes 42.802 42.802 42.802 42.802 42.802 42.802 42.802	

(DAMAS)

2.9.5. Intraday Intervals Overview

Description

Internal Intervals Overview (accessible via Internal Scheduling -> Intraday Intervals Overview menu item) displays the states and gate closure times for each intraday interval for given business day, separately for internal schedules, generation schedules and availability declarations. The form is available for BRP in read-only mode.

System operator may modify intervals' state before opening intraday modifications for given business day. By selecting particular interval, system operator defines what intervals will be available during intraday modifications of given business day for submitting diagrams of internal schedules, generation schedules and availability declarations.

Steps

(1)Choose the Internal Scheduling -> Intraday Intervals Overview menu item

(2)Enter input parameters:

a. Date (CET) - selection of a business day





(3)Click the Show data button to display the form

Picture: Intraday Intervals Overview - some intraday intervals (hours) are deselected (means, scheduled amount may not change during intraday); actual time has not reached gate closure of the first hour, yet.

¥				Intraday Interv	als Over	view		Dan
sectrical user: EDISON_TRAD	E (11XEDISON-TRADES)							28,1,2010, 18:5
Q (>								🕚 🦬 🛱
Date (EE	T) S.3.20	10 >		Show data				
Date (FF	T) 3.3.2010							
butt (ti	., 3.3.2010							
Time	: (EET)		Int	ernal Schedules	Availa	bility Declarations	Gene	eration Schedules
Time Date	e (EET) Hour	Used	Int State	ernal Schedules Time of Closure (EET)	Availa State	bility Declarations Time of Closure (EET)	Gene	eration Schedules Time of Closure (EET)
Date 03.03.2010	(EET) Hour 00:00 - 01:00	Used	Int State Open	Time of Closure (EET)	Availa State Open	bility Declarations Time of Closure (EET) 03.03.2010 00:00	Gene State Open	Time of Closure (EET)
Time Date 03.03.2010 03.03.2010	e (EET) Hour 00:00 - 01:00 01:00 - 02:00	Used I	Int State Open Open	Time of Closure (EET) 02.03.2010 20:00 02.03.2010 21:00	Availa State Open Open	bility Declarations Time of Closure (EET) 03.03.2010 00:00 03.03.2010 01:00	Gene State Open Open	Time of Closure (EET) 02.03.2010 20:00 02.03.2010 21:00
Time Date 03.03.2010 03.03.2010 03.03.2010	: (EET) Hour 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00	Used I	Int State Open Open Closed	Time of Closure (EET) 02.03.2010 20:00 02.03.2010 21:00 02.03.2010 21:00	Availa State Open Open Closed	bility Declarations Time of Closure (EET) 03.03.2010 00:00 03.03.2010 01:00 03.03.2010 02:00	Gene State Open Open Closed	Time of Closure (EET) 02.03.2010 20:00 02.03.2010 21:00 02.03.2010 21:00 02.03.2010 22:00
Time Date 03.03.2010 03.03.2010 03.03.2010 03.03.2010	e (EET) Hour 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00 21:00 - 22:00	Used Used	Int State Open Open Closed Closed	Time of Closure (EET) 02.03.2010 20:00 02.03.2010 21:00 02.03.2010 22:00 03.03.2010 17:00	Availa State Open Open Closed Closed	bility Declarations Time of Closure (EET) 03.03.2010 00:00 03.03.2010 01:00 03.03.2010 02:00 03.03.2010 21:00	Gene State Open Open Closed Closed	Time of Closure (EET) 02.03.2010 20:00 02.03.2010 21:00 02.03.2010 22:00 03.03.2010 17:00
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Picture: Intraday Intervals Overview - some intraday intervals (hours) are deselected; actual time has already passed gate closure of the first hour (BRP may not change this hour as well, since now).

F				Intraday Interv	als Over	view		Đ 🛙 🗃
sectrica user: EDISON_TRAD	E (11XEDISON-TRADES)	0						28.1.2010, 19:
2 (=								🕚 🔆 🚌
Date (EE	т) Т 🔇 3.3.20	10 🔰		Show data				
Date (EE	T) 3.3.2010							
Time	≥ (EET)		Int	ernal Schedules	Availa	bility Declarations	Gene	eration Schedules
Time	e (EET) Hour	Used	Int State	ernal Schedules Time of Closure (EET)	Availa State	bility Declarations Time of Closure (EET)	Gene	ration Schedules Time of Closure (EET)
Time Date 03.03.2010	e (EET) Hour 00:00 - 01:00	Used	Int State Closed	ernal Schedules Time of Closure (EET) 28.01.2010 19:00	Availa State Closed	bility Declarations Time of Closure (EET) 28.01.2010 19:00	Gene State Closed	Time of Closure (EET) 28.01.2010 19:00
Time Date 03.03.2010 03.03.2010	e (EET) Hour 00:00 - 01:00 01:00 - 02:00	Used V	Int State Closed Open	Time of Closure (EET) 28.01.2010 19:00 28.01.2010 20:00	Availa State Closed Open	bility Declarations Time of Closure (EET) 28.01.2010 19:00 28.01.2010 20:00	Gene State Closed Open	Time of Closure (EET) 28.01.2010 19:00 28.01.2010 20:00
Time Date 03.03.2010 03.03.2010 03.03.2010	e (EET) Hour 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00	Used V	Int State Closed Open Closed	Time of Closure (EET) 28.01.2010 19:00 28.01.2010 20:00 28.01.2010 21:00	Availa State Closed Open Closed	Time of Closure (EET) 28.01.2010 19:00 28.01.2010 20:00 28.01.2010 21:00	Gene State Closed Open Closed	Time of Closure (EET) 28.01.2010 19:00 28.01.2010 20:00 28.01.2010 21:00
Time Date 03.03.2010 03.03.2010 03.03.2010 03.03.2010	e (EET) Hour 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00 21:00 - 22:00	Used V	Into State Closed Open Closed Closed	Time of Closure (EET) 28.01.2010 19:00 28.01.2010 20:00 28.01.2010 21:00 28.01.2010 21:00	Availa State Closed Open Closed Closed	Time of Closure (EET) 28.01.2010 19:00 28.01.2010 20:00 28.01.2010 21:00 28.01.2010 21:00	Gene State Closed Open Closed Closed	Time of Closure (EET) 28.01.2010 19:00 28.01.2010 20:00 28.01.2010 21:00 29.01.2010 16:00
Time Date 03.03.2010 03.03.2010 03.03.2010 03.03.2010 03.03.2010	e (EET) Hour 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00 21:00 - 22:00 22:00 - 23:00	Used Used	Inte State Closed Open Closed Closed Open	Time of Closure (EET) 28.01.2010 19:00 28.01.2010 20:00 28.01.2010 21:00 29.01.2010 12:00 29.01.2010 16:00 29.01.2010 17:00	Availa State Closed Open Closed Closed Open	Jime of Closure (EET) 28.01.2010 19:00 28.01.2010 20:00 28.01.2010 21:00 29.01.2010 16:00 29.01.2010 17:00	Gene State Closed Open Closed Closed Open	Time of Closure (EET) 28.01.2010 19:00 28.01.2010 20:00 28.01.2010 21:00 29.01.2010 16:00 29.01.2010 17:00

(DAMAS)

2.9.6. **Schedules Overview in EET**

Description





Schedules Overview in EET (accessible via **Internal Scheduling -> Schedules Overview in EET**) displays the balance on Romanian borders differentiated by hour of the day. The form is available for BRP in read-only mode.

The balance includes internal schedules sent as bilateral contracts between BRPs, cross-border schedule types (long-term, daily) and production / consumption of power units / consumptions of given BRP.

Steps

(1)Choose the Internal Scheduling -> Schedules Overview in EET menu item

(2)Enter input parameters:

a. Date (EET) – selection of the respective business day

(3)Click the Show Data button to display the form.

Schedules Overview in EET:

5		5	Schedules Overvi	ew in EET				Ð
Administrator A (TEL M	lanagen)						B 6-6	36.11.2009, 1
	10003							
BRD	BRP3	×.						
Date (CET)*	19.11.2009	2 (1)	Show da	ta				
Date (CET)	19.11.2009							
Date (CET) BRP	19.11.2009 BRP 3 (10XTRAI	DER01)						
Date (CET) BRP Time	19.11.2009 BRP 3 (10XTRAI	DER01)	Internal	Exchange	Cross-borde	er Exchange	P	
Date (CET) BRP Time Date	19.11.2009 BRP 3 (10XTRAI (EET) Hour	DER01) Balance [HW]	Internal Export [HW]	Exchange Import [HW]	Cross-borde Export [HW]	er Exchange Import [HW]	Production [HW]	Consumption [HW
Date (CET) BRP Time Date 19.11.2009	19.11.2009 BRP 3 (10XTRAI (EET) Hour 00:00 - 01:00	Balance [HW] -473.000	Internal Export [HW] 301.000	Exchange Import [HW] 774.000	Cross-borde Export [HW] 301.000	er Exchange Import [HW] 774.000	Production [HW] 14.000	Consumption [PfW 760.000
Date (CET) BRP Date 19.11.2009 19.11.2009	19.11.2009 BRP 3 (10XTRAI (EET) Hour 00:00 - 01:00 01:00 - 02:00	Balance [HW] -473.000 -473.000	Internal Export [HW] 301.000 301.000	Exchange Import [HW] 774.000 774.000	Cross-borde Export [HW] 301.000 301.000	er Exchange Import [HW] 774.000 774.000	Production [HW] 14.000 14.000	Consumption [PHW 760.000 760.000
Date (CET) BRP Time Date 19.11.2009 19.11.2009 19.11.2009	19.11.2009 BRP 3 (10XTRAI (EET) Hour 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00	Balance [HW] -473.000 -473.000 105.000	Internal Export [14W] 301.000 301.000 814.000	Exchange Import [HW] 774.000 774.000 709.000	Cross-borde Export [HW] 301.000 814.000	er Exchange Import [HW] 774.000 774.000 709.000	Production [HW] 14.000 14.000 45.000	Consumption [HW 760.000 760.000 414.000
Date (CET) BRP Date 19.11.2009 19.11.2009 19.11.2009 19.11.2009	19.11.2009 BRP 3 (10XTRAI (EET) Hour 00:00 - 01:00 02:00 - 02:00 02:00 - 02:00 21:00 - 22:00	Balance [FW] -473,000 -473,000 105,000 -521,000	Internal Export [190] 301.000 814.000 22.000	Exchange Import [HW] 774.000 779.000 533.000	Cross-bord Export [HW] 301.000 814.000 22.000	er Exchange Import [HW] 774.000 709.000 543.000	Production [HW] 14.000 14.000 45.000 916.000	Consumption [PHW 760.000 760.000 414.000 430.000
Date (CET) BRP Time Date 19.11.2009 19.11.2009 19.11.2009 19.11.2009	19.11.2009 BRP 3 (10XTRAI (EET) 00:00 - 01:00 01:00 - 02:00 02:00 - 03:00 21:00 - 22:00 22:00 - 23:00	Balance [4147] -473,000 -473,000 105,000 -521,000 125,000	Internal Export [HW] 301.000 301.000 814.000 22.000 677.000	Exchange Import [NW] 774.000 774.000 774.000 574.000 543.000 5502.000	Cross-bord Export [HW] 301.000 301.000 814.000 22.000 677.000	er Exchange Import [HW] 774.000 774.000 709.000 543.000 502.000	Production [FIW] 14.000 14.000 45.000 916.000 513.000	Consumption [PHW 760.000 760.000 414.000 430.000 462.000
Date (CET) BRP Date 19.11.2009 19.11.2009 19.11.2009 19.11.2009 19.11.2009	19.11.2009 BRP 3 (10XTRAI 00:00 - 01:00 01:00 - 03:00 02:00 - 03:00 21:00 - 22:00 22:00 - 23:00 22:00 - 00:00	Balance [FWV] 473.000 473.000 105.000 -521.000 -521.000 -521.000	Internal Export [HW] 301.000 301.000 814.000 22.000 677.000 353.000	Exchange Import [PW] 774.000 779.000 590.000 543.000 502.000 404.000	Cross-bords Export [HW] 301.000 301.000 814.000 22.000 677.000 333.000	er Exchange Import [HW] 774.000 779.000 590.000 543.000 502.000 404.000	Production [HW] 14.000 14.000 916.000 916.000 513.000 269.000	Consumption [PW 760.000 760.000 414.000 430.000 452.000

