

NOVITA Market Management System

# Scheduling System Manual for Market Participants

#### MARKET MANAGEMENT SYSTEM

# Scheduling System Manual for Market Participants

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# **Revision History**

Date	Author	Changes
5. 11.2019	Novita	
20.11.2019	Novita	Intraday ATC reservation updated

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# **Application Basics**

Scheduling System for Market Participants (Web Application) is web based application. It is available on: <u>https://prod.kostt-mms.com/External-Scheduling-Client</u>.

Its functionalities are implemented according to documents and definitions produced by the ENTSO-E Electronic Data Interchange (EDI) Working Group. Links to particular documents are available bellow, but you can check the entire <u>EDI Library</u>.

Scheduling Web Application is html application compatible with the following browsers:

- Chrome
- Microsoft Edge
- Internet Explorer 11
- Firefox
- Opera
- Vivaldi
- ...

#### Login

The user is required to use username and password to logon. Once you are logged in, the applicaton will be synchronized with the server.

Scheduling Web Client × +		- 🗆 X
← → C △ ▲ https://mms.pp.nam	ana ay Este sal-Schulading Clamby/Anglebata etild (SAF dassenaetis	☆ <b>0</b> :
	Login Log In to your account	
	L Username	
	Password	
	Login	

Logout option is available in right upper corner.



Scheduling Web Application supports following functions, available on the left side navigation tree:

- **Documents** all Balance Responsible Schedule related documents;
- **Transmission Rights Portfolio** the document with a complete portfolio of Market participant (Party) transmission capacity rights;
- User Profile.

### **Documents**

Documents view is a main view of provided Balance Responsible Schedules and related documents. On the top filter is available with Time Interval and Documents Type options. In the table below from the right first Edit and View options are available. Balance Responsible Schedules can be edited, all other responses can be reviewed. Following Document Identification, Processed date and time, Document Type, Time Interval, Sender and Receiver information is available. Next Reason Codes data are available, with following logic used:

• **Balance Responsible Schedules** (BRS) have link to related latest Acknowledgement, Confirmation and Anomaly reports, with related document Reason Code and time of creation displayed. While using "mouse over" function, additional Reason Text is displayed and with clicking on hyperlink next to it, related document is opened;

	Document Identification	T I	Processed	T I	Document Type	Ŧ	Time Interval	T	Sender	ĻΨ	Receiver	Ŧ	Process Type	Ŧ	Acknowledgement
Edit	20191109_BRS_EZPADA101618 (2)	(	06. 11. 2019 10:28		Ast - Balance responsible schedule		09. 11. 2019		EZPADA-RS (34XEZPADAHANDEL9)		KOSTT (10XRKS-KOSTT-007)		A17 - Schedule day		Message fully accepted
Edit	20191109_BRS_EZPADA105854 (1)	0	06. 11. 2019 11:10		Aa1 - Balance responsible schedule		09. 11. 2019		EZPADA-RS (34XEZPADAHANDEL9)		KOSTT (10XRKS+KOSTT-007)		A17 - Schedule day		E01 - 06. 11. 2019 11:10

• All other documents (BRS related documents) have just their own code displayed.

Users can download all documents as XMLs using <sup>d</sup> button. Data can be filtered in grid table also by all available columns.

ne / Documents										
Document 20181004_BRS_12XEFT135	256 (ver. 2) has been upd	ated. Please see the following <b>acknowled</b>	lgement document f	or more information.						
+ Create 🕹 Upload										
me Interval From				Time Inter-	val Thru					
03. 10. 2018				m 10	. 10. 2018					
ocument Types										
Select document types									-	9.5
Document Identification	T Processed	Document Type	Time Interval	T Sender	T Receiver	Process Type	T Acknowledgement	Confirmation	Anomaly	
dit 20181004_BR5_12XEFT135256 (2)	03. 10. 2018 14:05	- Balance responsible schedule	04. 10. 2018	IT OF TRACKS (DOPT OF TANK)	INTERPORTATION	ATT - Schedule day	A11 - 03. 10. 2018 14:05			
ew 20181004_ACK_EFT-SWITZERL_00005	03. 10. 2018 14:05	117 - Acknowledgement Document	04. 10. 2018	THE PHILOS SEMILITION	PT OV DRUGAD ( DRY DAT 200.0)		A11			
ew 20181004_BRS-CNF_EFT-SWITZERL_00001	03. 10. 2018 14:00	(457) - Intermediate confirmation report	04. 10. 2018	INS PRINCE-SERBICISOR	ETLOWTEDRAND HERET-OWTZERA	asz - Schedule day		600		
ew 20181004_BRS-ANO_EFT-SWITZERL_00001	03. 10. 2018 14:00	(A16) - Anomaly Report	04. 10. 2018	INTERNAL COMPACTION	BYT DAY DERLAND ( LONP'S SAVE \$500.0)				A28	
few 20181004_ACK_EFT-SWITZERL_00004	03. 10. 2018 14:00	(117) - Acknowledgement Document	04.10.2018	THE PHILOS SERIES (TEOR	ITT OVERHAND (CORT-INTERNAL		612			
iew 20181004_ACK_EFT-SWITZERL_00003	03. 10. 2018 13:53	(117) - Acknowledgement Document	04. 10. 2018	ING PRINCI-SERBATION	BT SWITZOR, AND PEDROT SWITZER, R		A01			
few 20181003_ACK_EFT-SWITZERL_00005	03. 10. 2018 13:48	Acknowledgement Document	03.10.2018	INTERNAL OF ADDRESS OF	IT OF DRAMAN (DRAMAN)		A02			
few 20181003_ACK_EFT-SWITZERL_00004	03. 10. 2018 13:48	(117) - Acknowledgement Document	03. 10. 2018	THE PHONE SPREATEOR	PT SAVERILLAND (SERVER SAVERIES)		A52			
few 20181004_ACK_EFT-SWITZERL_00002	03. 10. 2018 13:16	(1) - Acknowledgement Document	04. 10. 2018	ING PRINCI-SERBICTION	BTE DWTERLAND (12007) OWTERLAS		A82			
few 20181004_ACK_EFT-SWITZERL_00001	03. 10. 2018 13:16	(1) - Acknowledgement Document	04. 10. 2018	INTERVISION OF ADDRESS	BYT DAY TERM, AND Y TERMY DAVID DOM: N		A12			
few 20181003_ACK_EFT-SWITZERL_00003	03. 10. 2018 11:46	(A17) - Acknowledgement Document	03. 10. 2018	EMS (189405-SERBATION)	BT SATURAN (SHOT MATERIA)		All			
few 20181003_BRS-ANO_EFT-SWITZERL_00003	02. 10. 2018 12:00	(415) - Anomaly Report	03. 10. 2018	ING PRINCS-SERB-RISON	BT SWITZER, AND HERET SWITZER, R				834	
few 20181003_BR5-CNF_EFT-SWITZERL_00002	02. 10. 2018 10:13	610 - Final confirmation report	03. 10. 2018	IND PRINCE-GRAIN-PRIOR	IT OF DRAME AND DESIGN AND DRAMES	817 - Schedule day		A16		
Edit 20181003_BRS_EFT-SWI_153700 (2)	02. 10. 2018 10:12	Balance responsible schedule	03. 10. 2018	THE OWNERS AND LEDGED OWNERS.	Int. (IRROL-SERBATION)	A17 - Schedule day	Ast - 02. 10. 2018 10:12	ASS - 02. 10. 2018 10:13		
20181003_ACK_EFT-SWITZERL_00002	02. 10. 2018 10:12	Acknowledgement Document	03. 10. 2018	INS PRINCE-SERBICISON	BT DWIDDLAND HDRFT-DWITZDLB		A01			
few 20181003_BRS-CNF_EFT-SWITZERL_00001	02. 10. 2018 09:52	Final confirmation report	03. 10. 2018	THE PRICE GRADUTING	IT OF DRAME (DRAME)	A17 - Schedule day		AIG		
few 20181003_ACK_EFT-SWITZERL_00001	02. 10. 2018 09:47	Att - Acknowledgement Document	03. 10. 2018	ENEL/WIRCL-SERMATION	91 041206-140 (12691 046206.0)		(833)			

#### **Balance Responsible Schedules**

A **Balance Responsible Schedule** is the only document to be entered manually via GUI in Scheduling Web Application Documents section. It provides the position of a Market participant (Party) or a Domain related to some market information (i.e. Document Type). It includes a set of time series schedules.

It is required, that one schedule document (attributes checked are: *Domain*, *In/Out Area*, *In/Out Party*, *Capacity Contract Type* and *Capacity Agreement Identification*) is exchanged for a date and role, which means that if there are additions, modifications or suppressions to the set of time series

within the schedule document, the Document Identification remains unchanged but the version number must be increased. In Scheduling Web Application the version number is automatically increased, when user changes and confirms schedule document.

To enter new Balance Responsible Schedule, click on +ceede button in the upper left corner of Documents section. Most of the data required by ESS standard is already pre-entered and cannot be changed.

Time Series       Document Identification       20181004_BRS_12XEFT_120926       Time Interval Thru       Ime Interval Thru				
Ocument Identification           20181004_BRS_12XEFT_120926           Time Interval From           Im 0.10.2018           Im 0.10.2018           Ocument Type           A01 - Balance responsible schedule           Im enterval From           Im 0.10.2018           Im 0.10	General Time Series			
20181004_BRS_12XEFF_120926     Time Interval Thru       Ime Interval From     Ime Interval Thru       Ime Interval From     Process Type       A01 - Balance responsible schedule     A17 - Schedule day       Ime Interval From     Receiver       Ime Interval From     Receiver       Ime Interval From     A04 - System operator       Ime Interval From     Classification	Document Identification			
Time Interval From     Time Interval Thru	20181004_BRS_12XEFT120926			
••• 04. 10. 2018         ••• 04. 10. 2018           bocument Type         ••• oress Type           A01 - Balance responsible schedule         A17 - Schedule day           aender         Receiver           aender Role         Receiver Role           A08 - Balance responsible party         Classification	Time Interval From		Time Interval Thru	
Document Type     Process Type       A01 - Balance responsible schedule     A17 - Schedule day       einder     Receiver       Image: Status Schedule     Receiver       Image: Schedule Schedule     Receiver Role       A08 - Balance responsible party     A04 - System operator       Domain     Classification	04. 10. 2018		04. 10. 2018	
A01 - Balance responsible schedule     A17 - Schedule day       einder     Receiver       iender Role     Receiver Role       A08 - Balance responsible party     A04 - System operator       comain     Classification	Document Type		Process Type	
ierder     Receiver       ierder Role     Receiver Role       A08 - Balance responsible party     A04 - System operator       bornain     Classification	A01 - Balance responsible schedule	Ψ.	A17 - Schedule day	~
iender Role     Receiver Role       A08 - Balance responsible party     A04 - System operator       bornain     Classification	Sender		Receiver	
ierder Role Receiver Role A08 - Balance responsible party × A04 - System operator Domain Classification	ET SATELA, AND CONTRACTOR	Ψ.	0.05.0003.00045008	~
A08 - Balance responsible party  A04 - System operator Domain Classification	Sender Role		Receiver Role	
Domain Classification	A08 - Balance responsible party	Ŧ	A04 - System operator	Ŧ
	Domain		Classification	
<ul> <li>A01 - Detail type</li> </ul>		~	A01 - Detail type	~
				× Cancel + Cre

Schedule time series entry is available on the **Time Series** tab. Users can create a new one with clicking *\*Add* button or edit an existing with click on it in the left part of the Time Series view. On the Schedule Time Series dialog some data are (pre)entered automatically and cannot be changed according to ENTSO-e rules. Capacity Contract Type (CCT) and Capacity Agreement Identification (CAI) are mandatory information, when Business type A03 (External trade explicit capacity) is selected. Schedule messages without required or with irregular data will be rejected. See <u>ESS Implementation Guide</u> for more information about Schedule documents.

Time series quantity entry is available on **Intervals** tab. User can type values directly, use copy (Ctr+C) / paste (Ctr+V) functions or alternatively, the values can be set in bulk by using the **Position Setter** tool, available by clicking the button in right corner. While clicking Position Setter, **Standardized Product** options dialog is opened. It allows choosing the delivery profile for time interval predefined on General tab using predefined products (Base, EU Peak, EU Off-peak, Peak, Off-peak) or entering each value individually. When CONFIRM button is pressed, the values are copied into the main grid.

If **Ignore empty values** option is checked, CONFIRM will not copy empty cells as 0 to the main grid – it will leave the original data in those positions unchanged. For example:

First document version has BASE time interval Qty (10);

- In second document version user wants to reduce EU OFF-PEAK Qty to 5. This can be simply done with Position Setter – add Qty 5, then use EU OFF-PEAK option and finally Ignore empty values option, so non EU OFF-PEAK values remains unchanged on Intervals grid.

You can select to have **Quantities as difference** (offsets) from the existing time series intervals. For example, if you would like to lower quantities for the whole time series for 1MW, you could enter quantity -1. After confirming the dialog 1 MW will be subtracted from intervals.



Document entry is finished by pressing **\***core button. System immediately respond with <u>Acknowledgement document</u> (ACK) and if everything was ok, the Balance Responsible Schedule appears in the Documents list. If there was any problem, complete document is rejected and negative ACK or system message is provided to user. In this case user need to reenter/resubmit file once again.

Additionally prepared XML file can be sent by clicking on function. Once file is chosen, its uploaded (sent) to system operator automatically and system also immediately respond with the ACK message.

#### **Acknowledgement Documents**

The **Acknowledgement document** is used in conjunction with the transmission of all electronic documents defined in the ETSO process for technical or application acknowledgement. A document is checked by the system in two levels:

- It is first controlled at system level to detect **syntax errors** (XML parsing errors, file, processing errors, etc.);
- Next it's controlled at the application level to detect any **semantic errors** (invalid data, wrong process, etc.).

All Acknowledgment documents are available as other documents in Documents view, but while entering BRS system immediately responds with message and link to acknowledgement document as shown on picture below:

```
Document 20181004_BRS_12XEFT-_135256 (ver. 2) has been updated. Please see the following acknowledgement document for more information.
```

Document 20181003\_BRS\_EFT-SWI\_153700 (ver. 3) has been rejected. Please see the following acknowledgement document for more information.

If there is a problem encountered at the first level then a technical acknowledgement may be sent to inform the originator of the problem. If errors are encountered at the second level or if the application can successfully process the information then an application acknowledgement may be sent to inform the originator of the situation. See <u>ESS Implementation Guide</u> and <u>EAD</u> <u>Implementation Guide</u> for more information about Acknowledgements documents.

With the Web Application all of Acknowledgement documents sent to particular party in question can be reviewed. On the **General tab** detailed information about original document, parties, date/time and acknowledgement reason (*A01 – Message fully accepted* or *A02 – Message fully rejected*) are displayed. Time Series tab can provide more information about rejected time series and the reasons of the rejections.

nowledgement Document: 20181004_ACK_EFT-SWITZERL	.00002		Acknowledgement Document: 20181004_ACK_EFT	-SWITZERL_00002	
General Time Series (1)			General Time Series 🕦		
Document Identification		<u> </u>	Time Series Identification	Reasons	
20181004_ACK_EFT-SWITZERL_00002				CCC - Mandatory attributes missing	
Time Interval From	Time Interval Thru			Quantity is required.	
04. 10. 2018	04, 10, 2018			Quantity is required.	
Document Type				Mandatory attributes missing	
A17 - Acknowledgement Document	*			Quantity is required.	
Sender	Receiver			Outently is required.	
DRIVORD-IBRATION	* EFT-SWITZERLAND (12XEFT-SWITZERLR)			Our Mandatory attributes missing Quantity is required.	
A04 - System operator	Receiver Role     A08 - Balance responsible party			Mandatory attributes missing     Outputs is required	
Referenced Document Identification	Referenced Document Version		1500001	Mandatory attributes missing	
20181004_BRS_12XEFT120926	1			- Mandatory attributes mission	
Referenced Document Type	Referenced Document Date/Time			Quantity is required	
A01 - Balance responsible schedule				Mandatory attributes missing     Quantity is required	
Created	Processed			Mandatory attributes missing	
03. 10. 2018 13:16	03. 10. 2018 13:16			Quantity is required.	
Reasons				Quantity is required.	
Message fully rejected Message fully rejected				Com – Mandatory attributes missing Quantity is required	
Message contains errors at the time series level     Message contains errors at the time series level					

#### **Anomaly Reports**

An **Anomaly report** contains the time series that have been identified as being in error (mismatched) for the party in question. It is generated as soon as the system operator has all the necessary information in his possession.

Time series found to be in error need to be resent via the retransmission of the applicable schedule message (with a new message version) containing the corrected time series (with the version number of the retransmit message) by provider or provider counter party. The retransmitted schedule message will also include all the non-erroneous time series that were sent with the message. These should maintain the version number of their last clean transmission. See <u>ESS</u> <u>Implementation Guide</u> for more information about Anomaly reports.

With the Web Application all of anomaly reports sent to a particular interconnection trade responsible (ITR)/Balance Responsible Party (BRP) can be reviewed. On the **General tab** sender, receiver and date/time information are available. **Time series tab** provides detailed information about time series in error.

Anomaly Report: 20181003_BRS-ANO_EFT-SWITZERL_00003				Anomaly Report: 20181003_BRS-A	ANO_EFT-SW	/ITZERL_00003			
General Time Series (1)				General Time Series (1)					
Sourcert liverification           20110102, 2015, 2017, 2017 (2017, 2010)           Thre Internal From           Bit Sourcert liverification           Dockmert Type           Alik - Arroung Mysent           Souther Source Reservice           Dockmert Type           Alik - South Rypert           Souther South Reservice           Dockmert Reservice           Dockmert Reservice           Dockmert Reservice           Dockmert Reservice           Dockmert Reservice           Dock 102, 2018, 12:00	•	Document Version	* * * *	Add     POSITION     Mark System     Add Mark System     The State State System     The State State State     The State     The State State     The State     The State     The State	IT THEAD	Enternal Internals Enternal Occurrent Strafer Enternal Occurrent Strafer Enternal Occurrent Strafer Enternal Control Control Control Enternal Control Enternal Control Enternal Control Enternal Control Enternal Control Enternal Control Enternal Control Enternal Control Enternal Control Enternal Control Enternal Control Enternal Control Enternal Control Enternal Control Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal Enternal	*	Referenced Document Version 1 Version 2 Product Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Version Vers	•

#### **Confirmation Reports**

The **Confirmation report** contains all the time series that have been sent in the schedule document. It may include one or several time series that the system operator has imposed on the market participant in compliance with market rules. Balance Responsible Schedule can either be globally confirmed, or in the case of discrepancies, you will be informed of what aspects of your time series have been accepted. System generates intermediate confirmation reports and final confirmation report (last after cutoff time). See <u>ESS Implementation Guide</u> for more information about Confirmation reports.

On the main **Documents** view first Confirmation Reason Code (A06 - Schedule accepted, A07 - Schedule partially accepted or A08 - Schedule rejected) is available.

+0	reate 🛓 Upload										
Time I	nterval From				Time I	nterval Thru					
m	06. 11. 2019				0	13. 11. 2019					
Docur	nent Types										
×	AD8 - Final confirmation report									× *	Q Search
	Document Identification	Processed	Document Type	Time Interval	T Sender	↓ ▼ Receiver	Process Type	Acknowledgement	Confirmation	Anomaly	
View	20191106_BRS-CNF_EFTCH_00001	04.11.2019 13:05	601 - Final confirmation report	06. 11. 2019	KOSTT (100RKS-KOSTT-007)	EFT_CH (12XEFT-SWITZERLR)	A17 - Schedule day		8.06		
View	20191106_BRS-CNF_EFTCH_00003	04.11.2019 15:28	nos - Final confirmation report	06. 11. 2019	KOSTT (10XRKS-KOSTT-007)	EFT_CH (12XEFT-SWITZERLR)	A17 - Schedule day		ADD		±
View	20191106_BRS-CNF_EFTCH_00004	04. 11. 2019 15:39	601 - Final confirmation report	06. 11. 2019	KOSTT (10XRKS-KOSTT-007)	EFT_CH (12XEFT-SWITZERLR)	Asso - Schedule day		A06		*
View	20191106_BRS-CNF_EFTCH_00005	04.11.2019 16:02	601 - Final confirmation report	06. 11. 2019	KOSTT (10XRKS-KOSTT-007)	EFT_CH (12XEFT-SWITZERLR)	A17 - Schedule day		8.06		*
View	20191106_BRS-CNF_EFTCH_00011	04.11.2019 16:06	600 - Final confirmation report	06. 11. 2019	KOSTT (10XRKS-KOSTT-007)	EFT_CH (12XEFT-SWITZERLR)	Image: Schedule day		8.06		*
View	20191107_BRS-CNF_EFTCH_00002	05.11.2019.09:15	(ADD) - Final confirmation report	07. 11. 2019	KOSTT (10XRKS-KOSTT-007)	EFT_CH (12XEFT-SWITZERLR)	A17 - Schedule day		A06		*
View	20191107_BRS-CNF_EFTCH_00003	05.11.2019 10:24	(201) - Final confirmation report	07. 11. 2019	KOSTT (10XRKS-KOSTT-007)	EFT_CH (12XEFT-SWITZERLR)	A17 - Schedule day		8.06		*
View	20191107_BRS-CNF_EFTCH_00007	05.11.2019 10:27	600 - Final confirmation report	07. 11. 2019	KOSTT (10XRKS-KOSTT-007)	EFT_CH (12XEFT-SWITZERLR)	A17 - Schedule day		ADG		*
View	20191107_BRS-CNF_EFTCH_00008	05. 11. 2019 10:27	603 - Final confirmation report	07. 11. 2019	KOSTT (100RKS-KOSTT-007)	EFT_CH (12XEFT-SWITZERLR)	ATT - Schedule day		ADD		*
View	20191107_BRS-CNF_EFTCH_00010	05.11.2019 10.44	601 - Final confirmation report	07.11.2019	KOSTT (10XRKS-KOSTT-007)	EFT_CH (12XEFT-SWITZERLR)	Asso - Schedule day		8.06		*
View	20191109_BRS-CNF_EFTCH_00001	06.11.2019 10:27	100 - Final confirmation report	09. 11. 2019	KOSTT (10XRKS-KOSTT-007)	EFT_CH (12XEFT-SWITZERLR)	A17 - Schedule day		8.06		*
View	20191109_BRS-CNF_EFTCH_00006	06. 11. 2019 10:57	Final confirmation report	09. 11. 2019	KOSTT (100RKS-KOSTT-007)	EFT_CH (12XEFT-SWITZERLR)	(A17) - Schedule day		800		*

Next on the **General tab** Of Confirmation Report information about Document Type (Intermediate or Final Confirmation Report), Sender, Receiver, Referenced Document Identification, Referenced Document Version, Referenced Document Type and processed date/time are displayed.

Final confirmation report: 20181003_BRS-CNF_EFT-SWITZERL_000	002			Final confirmation report:	20181003_BRS+CNF_E	T-SWITZERL_00002			
General Time Series (2)				General Time Series					
Doument Identification [201100].386:045:171:547(2381,0002) Time Interrul Prof (0.133.2010) Doument Type Adl: Fried confermation report Sender	×	Socialment Version 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		+ J TS00001 Builess Type AC2 - Cancel built and expl Out Anse BUIL COT BUIL Anse CCT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT BUILT	Add of capacity in Party ETT, GLOBAL in Area CAU	General Intervals Identification 150000 Business Type A00 - External trade explicit capacity Out Area The Interval Table	Ÿ	Version 1 B7604ct In Area	v
Sender Role AG4 - System operator Referenced Document Identification 2011000, IBC/17400, IS3100 Referenced Document Type AG1 - Raleware representies etholder	*	Additional Research Control of State	*	TS00002 Business Type A03 - External trade expli Out Party BT-SWITZBLAND Out Area	cit capacity In Party EFT_GLOBAL In Area	Out Party BT-SWITZERLAND (124EFT-SWITZERLR) Capacity Contract Type Add:maily CRiject Aggregation AddAggregation AddAggregation	¥ ¥	In Party EFT_GLOBAL (25KEFT-SR000000L) Capacity Agreement Identification PRI: 44: 44: 44: 45: 45: 45: 45: 45: 45: 45	*
Domain Iso, (1910): 3008(8410)(16) Control (10): 100, 100, 2018(10)(15) (10): 100, 100, 2018(10)(15) (10): 100, 100, 100, 100, 100, 100, 100, 100	v	Saadicadon	•	CCT dill - Racing	CA 178-10-028- -(244)-N288- 801	Measurement Unit MAW - meganant	¥		

**Time series tab** provides detailed information about confirmed series and decreased or increased quantities in case of mismatches on Interval tab. Each time series with any kind of mismatched or modifications is clearly marked with corresponding Reason Codes on General tab, as on example below:

	Version 1	
	Product	
*	8716867000016 - Active power	Ŧ
	In Area	
~	64 (19964-90C0)	Ŧ
	In Party	
*	GEN-I_BIH (36X-GEN-I-BIH7)	Ŧ
	Capacity Agreement Identification	
-	6,2117,363-605-1084-1,850A	~
	Resolution	
*	60 min	Ŧ
~		
	* * *	Version         1         Product         a         In Area         In Party         GBN-18H (Mot GBN-48H-77)         Capacity Agreement Identification         a         Bertimise State - These         Resolution         So Train

## **Intraday Capacity**

#### **Available Transfer Capacity**

Available Transmission Capacity (ATC) is the part of NTC that remains available after the allocation procedure, and is used for further commercial activity. ATC is calculated by the following equation: ATC = NTC - AAC + counter confirmed trades, where NTC (Net Transfer Capacity) corresponds to the maximum exchange between two areas and AAC (Already Allocated Capacity) to the total amount of allocated transmission rights. In this section user can also review nominated quantities.

SCHEDUI	ING WEB																	🛔 gen
Horr	e / Intraday Capa	icity																
=																		
Sc	nedule Date			_														
<b>1</b> 34	20. 11. 2019			۹	Search 😨 R	leserve												
	Time	XK - AL		AL - XX			XK - ME		ME - XK		X3	( - MK	h	IK - XK	XK	- RS	RS	- XK
-		ATC AAC Nominated	ATC	AAC	Nominated	ATC	AAC Nominated	ATC A	AC Nomi	inated /	TC AAC	Nominated	ATC AAG	Nominated	ATC AAC	Nominated	ATC AAC	Nominated
0	00:00 - 01:00	500	500	0	0	250		250			00		300		400		400	
0.	01:00 - 02:00	500	500	0	0	250		250		3	00		300		400		400	
0	8 02:00 - 03:00	500	500	0	0	250		250		3	00		300		400		400	
0	4 03:00 - 04:00	500	500	0	0	250		250		3	00		300		400		400	
0	6 04:00 - 05:00	500	500	0	0	250		250			00		300		400		400	
0	5 05:00 - 06:00	500	500	0	0	250		250		1	00		300		400		400	
0	7 06:00 - 07:00	500	500	0	0	250		250			00		300		400		400	
0	8 07:00 - 08:00	500	500	0	0	250		250		3	00		300		400		400	
0	08:00 - 09:00	500	500	0	0	250		250		3	00		300		400		400	
1	0 09:00 - 10:00	500	500	0	0	250		250		3	00		300		400		400	
1	10:00 - 11:00	500	500	0	0	250		250		3	00		300		400		400	
1	2 11:00 - 12:00	500	500	0	0	250		250		3	00		300		400		400	
1	8 12:00 - 13:00	500	500	0	0	250		250		3	00		300		400		400	
1	13:00 - 14:00	500	500	0	0	250		250		3	00		300		400		400	
1	5 14:00 - 15:00	500	500	0	0	250		250		3	00		300		400		400	
1	5 15:00 - 16:00	500	500	0	0	250		250		3	00		300		400		400	
1	7 16:00 - 17:00	500	500	0	0	250		250		3	00		300		400		400	
1	8 17:00 - 18:00	500	500	0	0	250		250		3	00		300		400		400	
1	18:00 - 19:00	500	500	0	0	250		250		3	00		300		400		400	
2	0 19:00 - 20:00	500	500	0	0	250		250		3	00		300		400		400	
2	20:00 - 21:00	500	500	0	0	250		250		3	00		300		400		400	
2	21:00 - 22:00	500	445	55	50	250		250		3	00		300		400		400	
2	8 22:00 - 23:00	500	500	0	0	250		250		3	00		300		400		400	
2	23:00 - 00:00	500	500	0	0	250		250		3	00		300		400		400	
	TOTAL [MWh]	12,000	11,945	55	50	6,000		6,000		7,2	00		7,200		9,600		9,600	
> Novit	a d.o.o. © 2019																	v1.0.0

Capacity traders can reserve desired quantity by sending or entering a **Bid document** – in Web Application by clicking the **Reserve** button (see below). A Bid document is a document which contains a set of bids (represented by time series). The bid time interval and the domain define the period for which the capacity is requested. There may be several Bid documents submitted by the Sender for the same bid period and subject party (Capacity Trader). Bid price must not be specified. As reservations are either accepted or rejected immediately, only one version of each bid document is allowed. See <u>ECAN Implementation Guide</u> for more information about Bid documents.

**Manual Bid Entry**: Web Application application enables participants to place ATC reservation bids by selecting appropriate schedule date from the status view, and then clicking the **Reserve** button.

A dialog for the Bid Document opens, with prefilled fields. Participant only has to specify In/Out Area and one or more hourly quantities they intend to reserve.

Bid document: 20191120,BID_GEN-IR5,143542				Bid document: 20191120_BID_GEN-IRS_143542						
General Time Series (1)				Gen	eral Time	Series (1)				
Document Identification							Count I takent			
20191120_BID_GEN-IRS_143542						• Add	General Intervals			
Time Interval From		Time Interval Thru		TS			Identification		Version	
20. 11. 2019		20. 11. 2019			<mark>business Type</mark> AD3 - External Inac		T500001		1	
Document Type				•			Dusiness Type			
A24 - Bid document	~				AL Divisible	JX Block Bid	A03 - External trade explicit capacity	~		
Sender		Receiver					Out Area		In Area	
GEN-I_RS (34XGENI-BEOGRADH)	v	KOSTT (10XRKS-KOSTT-007)	v				AL (10VAL-KESH5)	× *	XK (10/1001A1001A60R)	× *
Sender Role		Receiver Role					Auction Identification			
A29 - Capacity Trader	~	A07 - Transmission capacity allocator	v				ATC			
Domain							Measurement Unit			
XK (10V1001A1001A608)	v						M4W - megawatt	v		
Subject Party		Subject Role					Divisible		Block Bid	
GEN-LRS (HRGENI-BEOGRADH)	Ŧ	A29 - Capacity Trader	Ψ.				A02 - NO	v	A01 - YES	Ψ.
			X Cancel Create							* Cancel

**XML Document**: Participant with implemented back office support can also directly send an ECAN Bid Document to the system. Document may be transmitted via any configured channel (e-mail, ftp ...). It is also possible to upload externally prepared XML document via the Web Application application.



Allocation of ATC is based on algorithm first come first served and can be reserved during intraday, when local market rules do not require an auction allocation.

The system supports automatic use-it-or-lose-it process. For each border, the administrator may specify the maximum reservation time. If the allocated intraday capacity has not been nominated until the expiration of this period, the unused portion will be **automatically released**.

When capacity is released, all Rights Documents created for the allocation are updated to the next version.

Additionally, at the end of a matching cycle, all intraday contracts which are not at least partially nominated, are released in the positions which can no longer be nominated.

**Allocation Process**: The system checks if requested capacity is available. There are three possible situations:

- ATC is sufficient to completely satisfy the asked quantity. System will allocate total requested capacity with A73 Bid accepted reason code.
- ATC is only partially sufficient and the bidder has specified a divisible bid. The requested capacity will be only partially allocated with A72 Original bid divided to permit acceptance reason code.
- ATC is either not available or is insufficient and the bidder did not specify a divisible bid. No capacity will be allocated with A27 Cross border capacity exceeded reason code.

When capacity is allocated, the system creates a new capacity agreement with contract type A07 – Intraday contract, and identification in the following format:  $AA\_RES-ATC\_A1-A2\_yyyyMMdd\_cccccc$ 

where:

- AA short code of the local balance area
- A1 short code of out area
- A2 short code of in area
- yyyyMMdd schedule date (time interval from)
- cccccc incremental counter (6 digits, zero padded)

When no capacity is allocated, the capacity agreement identification for the ARD document will be "NONE" (XML schema designates this element as mandatory).

After each successful allocation, the updated ATC is published with appropriate documents (no specific processing for the intraday process).

#### **Output Documents**

As a result of allocation process, the following output documents are created for Capacity Trader:

- ECAN Allocation Result Document: Contains the results of allocation and is sent to the bidding participant (Capacity Trader). This document is sent even when no capacity was allocated. The document contains a single time series with allocated quantities (possibly all zero) with appropriate reason code.
- ECAN Rights Document for the Capacity Trader.

The rights documents are only created when there was a successful (full or partial) allocation.

**Nomination**: There are no differences in nomination for contracts allocated within Scheduling System and contracts allocated externally (imported Rights Documents).

Input document **A24 – Bid Document** and two output documents **A25 – Allocation result document** and **A23 – Allocations** are available in <u>Documents</u> section.



## **Transmission Rights Portfolio**

Transmission Rights Portfolio (TRP) option provides **Rights document** with document type **A22: Transmission Rights Portfolio**, business type **A34: Capacity rights** and it informs Capacity trader about the allocated capacity rights. The document is created upon user request, and user can request new document with **Request New** button. If there is already TRP created for the day in the question, a new version of already existed document will be created.

The document contains a complete portfolio of transmission capacity rights, whether allocated by KOSTT or by any other capacity allocator (if rights documents have been transmitted to KOSTT).

Transmission rights portfolio: 20181003_TRP_EFT-SWI_4Z3CO7LVDQKJUG				Transmission rights portfolio: 20181003_TRP_EFT-SWL4Z3C07LVDQKUUG							
General Time Series (8)				General Time Se	ies 🛞						
Document Identification 20181003_TRP_EFT-SWI_4Z3C07LVDQKIUG		Document Version			► Add	General Intervals					
Time Interval From  O3. 10. 2018		Time Interval Thru 03. 10. 2018		TS00001 Business Type A34 - Capacity rights		Identification TS00001		Version			
Document Type A22 - Transmission rights portfolio	÷	Process Type	÷	Out Area		Business Type A34 - Capacity rights	÷	Product	v		
Sender BHI (FIRC)- BABATION	v	Receiver EFT-SWITZERLAND (12XEFT-SWITZERLR)	v	CCT	CAL MELINIEL HOLE LINET? MARCINES, AND	Out Area	×	In Area Inc. procession and account	×		
Sender Role A07 - Transmission capacity allocator	¥	Receiver Role A29 - Capacity Trader	¥	TS00002 Business Type		Out Party	¥	in Party	×		
Domain	÷	Classification	Ŧ	A34 - Capacity rights Out Area	In Area	Rights Holder EFT-SWITZERLAND (12XEFT-SWITZERLR)	×				
Created 03. 10. 2018 11:46		Processed 03. 10. 2018 11:45		Eights Holder EFT-SWITZERLAND CCT	CAI	Capacity Contract Type	×	Capacity Agreement Identification RELEARCHER.LENET-ENETGENUL.EITE	Ÿ		
				700003	040304,018	Object Aggregation	Ŧ	Resolution 60 min	Ŧ		
				Business Type A34 - Capacity rights Out Area	in Area	Measurement Unit MAW - megawatt	Ŧ				

**Please Note**: Each Market Participant (Party) can receive (or view in drop box while manually entering Balance Responsible Schedules) only their own allocated capacity rights (CCTs+CAIs). Capacities owned from cross-border counter party are not displayed and need to be provided from counter party (and entered manually while entering Balance Responsible Schedules via Web Application).

It is possible to send **Status Request** document also as XML document via email or upload it. See <u>ETSO Status Request Implementation Guide</u> for more information about Status Request documents.

## **User Profile**

On User Profile page, users can review information about their profile (username, associated party etc.). Last password change time, password expiration time and change password options are also available.

User Profile
Username
EFT_T
Display Name
EFT_Test
User Party Display Name
EFT-SWITZERLAND (12XEFT-SWITZERLR)
Password Last Changed
3. 10. 2018 11:46
Password Expires
01.01.2019 10:46
Change Password

## Remarks

Access to Scheduling Web Application is only allowed to Balance Responsible Parties (BRPs) according to national Grid Code and Market Code. Market roles used is the Manual are in case of KOSTT included in role of BRP.