

Easy Commodity Trader

User Guide

Version 2.0





Welcome to ECT.

We would like to thank you for choosing ECT as your means of doing business with RWE Supply & Trading GmbH. You'll find the new application with features that will enhance your experience and make trading effortless.

Via ECT we try to constantly show you our trading desire directly from our trading floor in Essen. We cannot always guarantee the best price, but we try very hard to source fair market prices set outside of ECT.

The new ECT's primary focus is to provide greater clarity and a well-guided experience. The other critical areas of enhancement are the following:

- 1. Understanding our users
- 2. Make the most frequent tasks easy and the less frequent achievable
- 3. Make choices more straightforward and accessible
- 4. A smarter approach to placing and monitoring orders
- 5. Clearer confirmations of actions

In addition to our price level we also hope that the great features of ECT prove your decision right. We invested a lot of time and creativity into our offering in order to meet your requirements. We know that screen space is limited!

ECT continually has and will evolve with the markets and participants to stay current and responsive. As we mature and grow, we are confident that our constant development will bring further enhancements and markets onto ECT providing you with a central source of a wide range of prices and features.

A live trading application is not the best environment to play with new functionality. So we have created a user guide to quickly guide you through the features ensuring you have the insight to decide what works best for you.

In this regards, we have to tell you, that RWE Supply & Trading will not take any responsibility for mistrades or losses occurred through faulty usage of ECT: We expect every user to only use functionalities, he/she feels save to use. Using order types like GTC can create risks that every user needs to be self-aware of.

We always strive to improve the functionality and design of the ECT application. The most important part of that work is to get feedback, improvement suggestions and comments from our users. If you have any questions or complaints, please contact business@ect.energy or admin@ect.energy.

Thanks in advance!





Index

Welcome to ECT2
Your access to ECT5
Change or Reset your password6
Agree to our legal documents7
The "Marketview"8
Get Started – Directly after login9
Create your custom Marketview10
Create a custom Marketview continued
Create a custom Marketview continued
Create a custom Marketview continued
Edit Marketview14
Offer Depth15
Context menu16
Trigger an offer17
Offers in Marketview18
Add-On: Focus Offer19
Offer Management from Grid20
Offer Management from Offer Blotter21
Offer Blotter continued
Trade Blotter
Toast Notification
General & Offer Settings25
Workspace Management
About & Help27
F·A·Qs
Appendix: List of predefined Marketviews
Glossar



1st Edition English 04/2018 Documentation © 2018 RWE Supply & Trading GmbH, Germany.

All rights reserved. No part of this manual may be reproduced, duplicated or processed in any form without the written consent of the publisher. It is possible that this manual still has printing defects or printing errors. However, the information in this manual will be reviewed regularly and corrections will be made in the next edition. We accept no liability for technical or printing errors and their consequences. All trademarks and industrial property rights are acknowledged. Changes may be made without prior notice.

RWE Supply & Trading GmbH - Altenessener Str. 27 - 45141 Essen Germany

ECT User Guide 2.0 (external version)



Your access to ECT

Login to the ECT trading application

The login page

As ECT is provided as an internet application, accessing it is that easy. Navigate to <u>https://live.ect.energy</u> and enter your credentials.

Before doing so, we would advise to carefully read your onboarding email. It is full of useful information, which will help ease the initial setup process.



First time user

The above illustration shows the login dialogue, where you will have to provide the following details to be able to log into the ECT trading application.

Your Usename

This is your business email address.

Your Password

You should have received instructions in an email during our onboarding process.

If you log in for the first time or after your password was reset, you will be asked to enter a new password that is only know to you.

2-Factor Authentication

To provide a maximum of security we require a 2nd factor to verify your login. This factor is currently provided via a third party, which specialises in these services. During our onboarding procedure, we already created an account for you. All you have to do is to follow our instructions in the onboarding email.



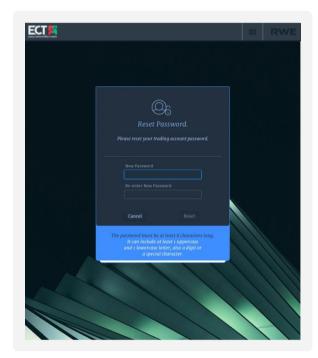
In addition to the apps for iOS, Android and Desktop (via Chrome), we also allow SMS-Token. In order to receive a SMS token, you have to request this via the link on the login dialogue.

SMS is only possible if you have not signed up for one of the other services.



Change or Reset your password

You can change your password for security reasons or reset it if you forget it.



First time user

As a new user, you will be sent a temporary password as part of the onboarding process.

Once you have completed the first stage of access successfully, you will be instructed to reset the original password.

Password reset

In future, the reset password can be found in the settings menu in the general section accessible from the top.

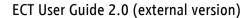
	*
Workspace <	
General	
Orders	
Monitor	

Your password must satisfy the

following rules:

- >>> It must be at least eight characters long.
- It must contain at least one uppercase character.
- It must contain at least one lowercase character.
- It must contain at least one number or special character from the following list:
 ! @ # \$ % ^ & * ? _ ~ £()
- It must be different from the last 12 passwords.

Please note you cannot change your password more than once every 24 hours.





Agree to our legal documents

The rules by which one must agree to abide by to use our services.

The first time you successfully log in, and subsequently, every time there is a new version of the Terms and Conditions or Data Protection document, you will be asked to accept the new terms before accessing the application.

Terms and Conditions

The latest version of our Ts & Cs is always accessible via the internet:

https://live.ect.energy/legal/terms_of_service_en.ht ml



Data Protection Clause

The latest version of our Data Protection Clause is always accessible via the internet: <u>https://live.ect.energy/legal/privacy_policy_en.html</u>



The "Marketview"

Is a grid with the streaming internal market data.

Marketview ——	Instrument Name — Marketview	NBP		Setting	s & edit (grid -		• ו	Close grid or when multiple instruments are shown remove a single instrument from Marketview
Column Names ———	PRODUCT	СРТҮ	QTY	BID	ASK	c	QTY	СРТҮ —	
Product Row	• WD	W001	150	↓ 52.900	52.900	^ 1	150	W001	column can be customised via settings
ſ		W02B		↑ 52.500	52.850	<u>ተ</u> 1		W02B	,
Market Depth ———		W02B		↓ 52.900	54.250	^ 1		W02B	
		W02B		↓ 52.500	54.500	↓ 1		W02B	
	DA	W003	* 100	↑ 55.075	55.075	↓ 1	100	W003	
	Nov 17 BOM	W02B	25	↑ 53.800	54.250	¥	25	W02B	— Tenor Dividers
	Dec 17	W02B	25	ক 54.400	54.500	↑	25	W02B	Tento Dividers
	Jan 18	W02B	25	↑ 55.600	55.790	≁	25	W02B	
	Feb 18								
	Mar 18								
	Q1 18	WOS6	25	↓ 55.025	55.075	¥	25	WOS6	– Custom highlight on specific orders
	Q2 18								Yours or desks
	Q3 18								
	Q4 18								
	Sum 18	W001	25	↓ 44.950	45.075	≁	25	W001	
	Win 18	W000	25	↓ 52.400	52.550	۰	25	W000	
	Sum 19	W02B	25	↑ 42.925	43.220	¥	25	W02B	
	Win 19	W001	25	↓ 50.400	50.450	↑	25	W001	 All or nothing order type indication.
	Sum 20	W02B	25	ক 40.466	41.500	¥	25	W02B	
	Win 20	W02B	25	↑ 45.406	49.500	¥	25	W02B	



Get Started – Directly after login

You can select from a predefined set of Marketviews to be ready for trading within seconds.

	Welcome to ECT.
To g	et you up and running quickly, we have created a set of default workspaces for you.
P	lease select from the below list of predefined workspaces to get started.
	Gas All
	Gas DE Curve
	Gas DE Prompt
	Gas DE Intraday
	Gas Europe Curve
	Gas Europe Prompt
	Power DE Curve
	Power DE Intra H
	Power DE Intra QH
	ou prefer to create your own custom view, click on ' == ' on the top right of the header bar to launch widgets or to create a custom Marketview.

ECT's homescreen

We created a homescreen which enables our users to create a Marketview within just one click. The list of templates shows a variety of typical Marketview compositions.

The list of templates is also available within the "Workspace" menu accessible from the navigation

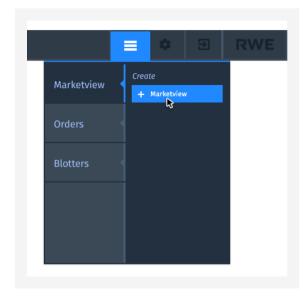
bar. Here we show the templates as "Shared Workspaces" shared from *System*.

	😑 💠 🦻 RW
Workspace 🤇	Save current Workspace
General	Name Gas All (Copy) Set as default 🗸 🗸 🗸 🗸 🗸 🗸 🗸 🗸 🗸 🗸 🗸 🗸 🗸
Orders	Set as default Share with others Rename & Replace
Monitor	Cancel Save
	Saved Workspaces UNTITLED — Gas All (Copy)
	Shared Workspaces
	System 🗸
	Gas DE Curve Gas DE Prompt
	Gas DE Intraday Gas Europe Curve
	Gas Europe Prompt Power DE Curve
	Power DE Intra H



Create your custom Marketview

You can create a custom Marketview with the desired instruments and products.



To launch the Marketview creator, click on the hamburger icon in the top right area of the application header bar.

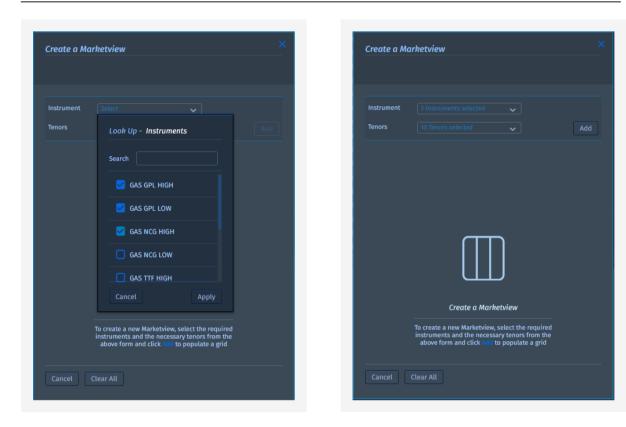
Create a product grid	
To create a new grid select the required	

Create a Marketview will launch the creation screen with instructions on how to create a custom Marketview.



Create a custom Marketview continued ...

You can create a custom Marketview with the desired instruments and products.



Select instrument & tenors

The instrument lookup tool can be accessed via the dropdown menu, once selected the tenor lookup will display all possible corresponding tenors to the chosen instruments.

Add

Once you have selected the desired instruments and tenors the summary of what has been chosen is shown on the respective button. Now you are ready to add them.



11

Create a custom Marketview continued ...

You can create a custom Marketview with the desired instruments and products.

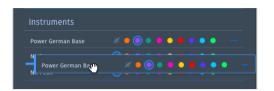
Create a Market				
Instrument 3				
Tenors 11				Add
GAS GPL HIGH		••••	•••	
GAS GPL LOW	× •C		•••	
GAS NCG HIGH			•••	
Saturday				
Sunday		JUN 18		
Balance Of Week		JUL 18		
Weekend		2 A00 10		
Balance Of Month				
Month				
Quarter				
Season				
Year				

Product selection

The chosen instruments are listed with the ability to apply a custom colour, which appears as a bar below the instrument name.

Remove an instrument

The instruments can be removed via the "-" icon, this in some instances requires a review of the available tenors.



Arrange instruments

To re-order the instruments, you can drag & drop to place to achieve the correct order.

Tenors

The selected tenors are listed in the left column and act as tabs revealing associated products. On selection, all products will be selected as default. However, you can unselect as necessary.



Build Marketview

Once you have selected the desired instruments and tenors, click on the 'Build Marketview' button.



Create a custom Marketview continued ...

You can create a custom Marketview with the desired instruments and products.

Marketview insitu

The new Marketview will be displayed below the application header, displaying all selected instruments across the top and their products on the left.

												GAS GF				
	CODE	QTY	BID	QTY	CODE				CODE						CODE	QT
			19.625													
SATURDAY																
SUNDAY																
W/END																
BOM																
JUL 18																
WIN 19-20																

Did you know that you can hide the navigation bar? Just go to the top of the application. There is a thin line which will turn "blue" to indicate that feature. A tool tip will also appear! Go for it and maximise your screen!

Edit Marketview

You can edit a Marketview with the desired instruments and products.

Marketview	GAS GP	l HIGH				\$	
		QTY	BID				
			44.02(Switch to Ti	le View		
SATURDAY	GPSTT		45.00(Hide Colum	n Header		
SUNDAY			45.00(Hide Code			
BOW	GPSTT		45.00(Edit Market	view		
W/END			44.89(Increase De	oth Bu		
BOM	GPSTT		45.00(increase be	.pcii by		
MAY 18	GPLTT		45.00(Levels			
	GPLTT		45.000	46.530			лт
JUN 18	GPETT						
JUN 18 JUL 18	GPLTT		45.000	46.000		GPI	

Settings

You can access the edit Marketview option from the settings icon on the top right of a Marketview.

Edit Marketview	×
Instrument 3 Instruments selected	
Tenors 10 Tenors selected	× Add
Instruments	
GAS GPL HIGH 🥢 🔴 🕒 🌒 🌘	
GAS GPL LOW 🥢 🔴 🕒 🌒	•••••
GAS NCG HIGH	
	DA
Day Ahead Saturday	
Sunday	
Balance Of Week	
Weekend	
Balance Of Month	
Month	
Cancel Clear All	Apply Changes
	ApplyChanges

Edit

Additional instruments can be added to the existing market grid in the "Edit Marketview" window.

Once you are happy with the amendments, click on the 'Apply Changes' button on the bottom right to action them.



Offer Depth

Expand and collapse offer book's depth to see/hide additional levels.

		W001		♦ 52.900	52.900 🛧		W001
Mouseove	r reveals m	arket de	pth ico	ons			
PRODUCT		СРТҮ	QTY	BID	ASK	QTY	СРТҮ
wD	✓ - +	W001	150	↓ 52.900	52.900 🛧	150	W001
-0							
The add ic	on expands	s product	by a :	single ord	er book lev	/el	
WD	· ~ − <mark>·</mark>	W001	150	v 52.900	52.900 🛧	150	W001
Market de	oth increas	ed by a s	ingle	level at a t	ime		
PRODUCT		СРТҮ	QTY	BID	ASK	QTY	СРТҮ
WD	×	W001	150	♦ 52.900	52.900 🛧	150	W001
	-1	W02B		1 52.500	52.850 🛧		W028
Market de	oth increas	ed by mu	ultiple	levels			
PRODUCT		СРТҮ	QTY	BID	ASK	QTY	СРТҮ
	×	W001	150	♦ 52.900	52.900 🕇	150	W001
WD		2			50.050		W02B
WD	-4	W02B		† 52.500	52.850 🛧		
WD	-4	W02B W02B		◆ 52.500◆ 52.900	52.850 •		W02B
WD	- L						
	pth decreas	W02B W02B	150 150	↓ 52.900↓ 52.500	54.250 🛧		
	pth decreas	W02B W02B	150 150	↓ 52.900↓ 52.500	54.250 🛧		
Market de	pth decreas	W02B W02B se by a si	150 150 ngle le	 ✓ 52.900 ✓ 52.500 evel 	54.250 ↑ 54.500 ↓	150 150	W02E W02E CPTY
Market de	pth decreas	W02B W02B se by a si CPTY	150 150 ngle le קדץ	 ✓ 52.900 ✓ 52.500 evel BID 	54.250 ↑ 54.500 ↓ ASK	150 150 QTY	W02B W02B

Increase/ decrease depth

By default, the Marketview shows one level of offer book, i.e. the top of the offer range. You can expand the given offer range (per instrument/tenor intersection) by one additional level using the plus button.

Once the offer range is expanded, the second level of offer range will show the next best offers of ask and bid depth according to the matching engine's time price priority. You can collapse order book's depth using the minus button until the top of the order book is reached. You can collapse and expand all levels using the down and up arrow respectively. The arrows are disabled when there is a single level of the order book only.

> The number of displayed order book levels is restricted by the number of maximum levels of the actual order book.

	NBP				
	СРТҮ		Switch to Til	e View	,
	W001	↓ 52.	Hide Columr	n Headers	: 01
	W02B	个 52.	Hide Counte		28
	W02B	↓ 52.	Edit Marketv		2B
		↓ 52.	Edit Order M	lonitor	2B
	W003	个 52.	Increase De	epth By	
Nov 17 BOM	W02B	个 53.3			2В
	W02B	个 54.	Levels	4	28
	W02B	个 55.6 0	00 55.790 4	î► 25	W02B
Feb 18					
Q1 18	WOS6	↓ 55.0	25 55.075 \	25	WOS6
Q2 18					
Q3 18					
Sum 18	W001	↓ 44.9	50 45.075 /	↑ 25	W001
	W000	↓ 52.40	00 52.550		W000
	W02B	个 42.9	25 43.220		W02B
	W001	↓ 50.40	50.450	↑ 25	W001
	W02B	个 40.4	66 41.500 🗸		W02B
Win 20	W02B	个 45.40	06 49.500 🗸	25	W02B

Increase offer depth on all products

To save time you can increase and decrease the depth levels of all products via the settings dropdown menu. A positive number will increase the depth displayed. A negative number will decrease the level of depth displayed.



Context menu

Accessed via a right click on your mouse.

Marketvie		GAS TI	FHIGH			- 🌣 🗙
ROD				19.625		
	Rem	nove 'ROD	26BKV			
	Hide	e Column	Headers			
	Hide	e Code				
	Edit	Marketvi	ew			
DA						
SATURDAY						
SUNDAY						
BOW						
W/END						
BOM						
MAY 18		RWE				RWE
JUN 18						
JUL 18						
Q3 18		RWE		18.330		RWE
Q4 18						
Q1 19		RWE				RWE
WIN 18-19		RWE				
SUM 19						
WIN 19-20						
2019						RWE
2020						
2021						

Vital functions on demand

You can quickly edit an object or data by choosing commands directly from the context menu.

You can access Marketview's centric functions such as:

>>>	Remove	a Product

- Mide the Column Headers
- >>> Hide Counterparty Code

Trend Arrows

Top of the offer range bid and ask offers/prices will have a price trend arrow:

Up arrow will indicate that the corresponding top of range bid or ask prices have increased compared to the previous offer's price. The down arrow will indicate a decrease in the price. Arrows are transiently shown only on a change in price.



Trigger an offer

Raise an instant or a limit offer.

Marketview	GAS TT	FHIGH				
	CODE	QTY	BID	ASK	QTY	CODE
ROD			19.625			
			19.525			
				19.7		
DA						RWE
SATURDAY						
SUNDAY						
BOW						
W/END						
BOM						
MAY 18	RWE					RWE
JUN 18						
JUL 18						
Q3 18	RWE					RWE
Q4 18						
Q1 19						
WIN 18-19	RWE					RWE
SUM 19						
WIN 19-20						
2019						RWE

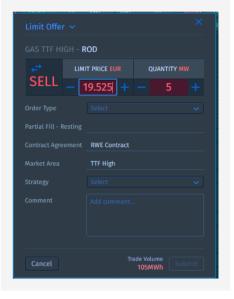
Launch New Offer or Aggress Another

The offer ticket can be opened by clicking on buy or sell section of a product instance in the Marketview. The ticket can be opened even if there is no price for the product. You can also aggress offers initiated by others.

> The offer ticket has a smart focus. You can leave a ticket open all time and it will automatically adjust if you click on other offers in the grid.

	- ROD	
SELL	price eur 19.525	QUANTITY MW
	nt RWE Contract	
	TTF High	
Cancel		Trade Volume 105MWh

ECT User Guide 2.0 (external version)



Offer Type

Four limit order types are available.

- 1. Fill or Kill labelled as FOK
- 2. Immediate or Cancelled labelled as IOC
- 3. All or Nothing labelled as AON
- 4. Good till Cancelled labelled as GTC

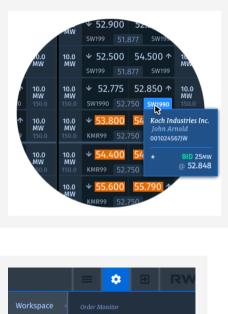
One more thing: You can also manipulate price and quantity with the scroll wheel of your mouse. Just hover over the field and scroll.

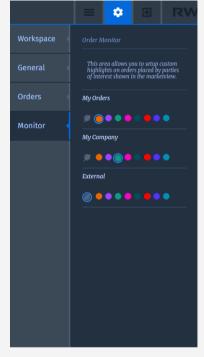


17

Offers in Marketview

Customise your focus.





In Marketview

The counterparty code is shown in the grid which represents the counterparty/desk of each offer. The name of the trader is only shown for the own counterparty. Offers from RWE will never contain the name of the trader managing the offer.

Counterparty code	RWE270 R W E Ener Sebastian I 001024567J		Counterparty or Desk Name of Trader Order ID
All or None Icon	•*	BID 25мw - ⊚ 52.848 -	Direction and Quantity Limit Price

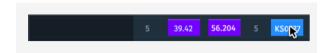
Settings

To follow the progress of offers belonging to clients or desks of interest, you can apply custom colours to distinguish between them and other orders in the Marketview. Simply go to Settings/Monitor where you can apply a suitable colour to represent the offer.



Add-On: Focus Offer

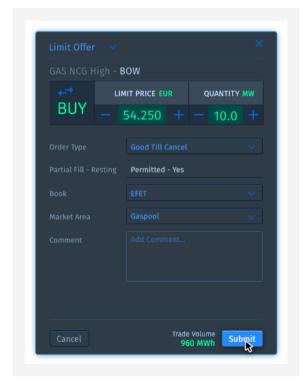
Use the "Focus Order" feature to cherry-pick an order from the market depth.



From Marketview

If you have increased the depth which is shown in Marketview by some steps or even to the full extend, you will be able to see offers that are different from the general offer range (e.g. AON). If you find an offer within the depth that attracts your interest you will be able to aggress this specific offer by pointing the courser onto the offer and click right. From the menu which opened you can choose the "Aggress with Focus Offer" function.

After selecting this option the order ticket opens with the depth already present and a highlight on the counterparty code. This indicates that you are not aggressing a set of offers in the offer range, but a specific offer.



ECT User Guide 2.0 (external version)

From offer ticket

If you already have a ticket open, you can also select a specific offer directly from the ticket. In order to do so, you have to click on the counterparty code of that specific offer on the very right hand side of the table, which shows the depth, on the offer ticket.

	I - ROD						
€.	PRICE EUR	QUANTITY					
BUY	19.715	- 20					
						19.700	RWE
	nent RWE Contrac				19.712	19.715	RWE
	TTF High						RWE
						19.750	RWE
							RWE
						19.780	RWE
						19.850	RWE
						20.000	RWE
						20.075	RWE
						20.100	RWE
		Trade Volume				20.200	RWE
		420MWh	Buy				Max Qt 70MV



Offer Management from Grid

Update, withdraw, cancel and takeover offers.

Manage your and your colleagues' offers from the grid

Users are able to select all offers owned by them or their colleagues from the grid. A single click is enough. A tickets always opens as not editable.

Fills 0		
	GH - W/END	
SELL	LIMIT PRICE EUR	QUANTITY MW
SELL		
	GTC	
	sting Permitted - Re	esting
	ment Test Contract	
	NCG High	
Comment		
Withdraw		Trade Volume 1,440MWh

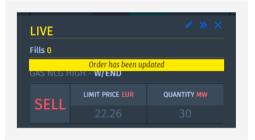
An offer can be edited in "LIVE" or in "WITHDRAWN" mode. To edit the order the user has to click on the pencil icon in the top right corner of the ticket.



All executed changes have to be accepted by clicking of "Apply Changes". If someone applies changes to the ticket who was not owner of the ticket before, he/she becomes the new owner.

Discard Changes	Trade Volume 1,440MWh	Apply Changes
	Cancel Order	

After applying changes, the ticket will show a notification indicating that changes have been applied.



If editing is performed in "LIVE" mode the offer will match with the "old" price until the updates have been applied!

All changes of an offer are shown on the ticket in the "History" tab, which is accessible via the extend ticket button next to pencil icon.

Next to the "History" tab the user can select the "Fills Done" tab, which will show all fills done while the offer was resting in "LIVE" mode in the system.

6MW	Updated		Sebastian Held	
			Rudiger Weritz	
			Sebastian Held	
FY MW				
0 +				
1212700				
langes				

ECT User Guide 2.0 (external version)



Offer Management from Offer Blotter

Manage your own and your colleagues' offers from the offer blotter and be always aware of the status of each and every offer.

						Manage Orders		∠ ९ ≡ ⊠	
•									
•									
•									
•									
•									

To configure an Offer Blotter into the workspace, it has to be started from the hamburger menu.

	=	¢	8
Marketview			
Blotters			
About			

Ord		Active		
•	LIVE		100.0	
•	LIVE		100.0	
•	LIVE			

The Offer Blotter consists of three tabs:

- ACTIVE: shows orders with "LIVE" or "WITHDRAWN" status
- COMPLETED: shows orders with "CANCELLED" or "DONE" status
- UNSUCCESSFUL: shows orders in "FAILED" or "CANCELLED BY SYSTEM" status

Manage Orders 💙	Owner(s) All	~ Q ≡	= = o ×
DELIV START	DELIV END	TIME ZONE	STRATEGY
01 Apr 2018 06:00	01 May 2018 06:00	W. Europe Sta	

ECT User Guide 2.0 (external version)

Management of offers is also possible from the Offer Blotter. By double-clicking on single orders the already known trade ticket opens. By using right-click on an order, a dialogue opens with order management functions and a grouping function.



The "Manage Orders" drop down allows the user to manage a selection or all orders very easily. This can also act as a panic button in fast markets.



If the size of the blotter is reduced to a certain size, the manage orders functionalities are moved into the hamburger icon.

> Selection of a custom set of offers is done by holding CTRL + selecting the relevant offers.



21

Offer Blotter continued ...

Manage your and your colleagues' offers from the offer blotter and be always aware of the status of each and every offer.

Customize the "Offer Blotter" to your needs



The blotter, if activated, is part of the workspace and by this part of the stored workspace. Any user can create his "own" blotter setup in order to meet his range of information needed or to have a standardized export format which can then be picked up by internal downstream systems.

In offer to configure your blotter, activate the menu by clicking on the cog icon in the blotter.

UNIT	
PRICE	

After selection of relevant columns, the blotter can further be customized. You are able to select a grouping by clicking on the filter icon.



The hamburger icon on the left of the filter icon allows the user to select exporting.



The menu is dynamic and displays options in context to the user's interaction in the blotter. This means that various options are shown, if certain rows have been selected from the blotter.





Trade Blotter

See all trades in a customizable table that can also serve as simple way of extracting trade information for relevant post-trade processes.

	Trades								
		17.66							
		22.05							
CNT - 000010008			GPL L - Gas - Seasons - Win 18 - 18		Contract 1234	01 Jul 2018 06:00	01 Oct 2018 06:00	Rudiger Weritz	Praesent q

Customize the "Trade Blotter" to your needs



The blotter, if activated, is part of the workspace and by this part of the stored workspace. Any user can create his "own" blotter setup in order to meet his range of information needed or to have a standardized export format which can then be picked up by internal downstream systems.

In order to configure your blotter, activate the menu by clicking on the cog icon in the blotter.



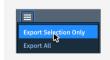
After selection of relevant columns, the blotter can further be customized. You are able to select a grouping by clicking on the filter icon.

	,	Ţ ♥ _ Ľ ×
амр	TRADER	
12:00	Sebastian He	Product
	Jebuscium	Company
11:50	Sebastian He	Company Group
40	Lance Roy	Direction
	Hugh Luarie	Market Area
ilugii Luaire		Traders
	" Hol	inca

The hamburger icon on the left of the filter icon allows the user to select between printing or exporting.



The menu is dynamic and displays options in context to the user's interaction in the blotter. This means that various options are shown, if certain rows have been selected from the blotter.





Toast Notification

Instant notifications inform you on the actions.

Stay on track of your trading by instant notifications

In addition to the information which can be retrieved from the blotters, toast notification are the direct way of getting information on the status of your order.

The system currently supports a basic set of notifications that are shown only to the person responsible for the respective offer:

- >>> DONE: order was successfully executed/aggressed.
- *FILL DONE*: order is resting with possibility to be partially filled and a fill took place.
- **REJECTED:** order was rejected by the system. This can take place when your limit is not sufficient any more.
- >>> FAILED: order was not able to match based on configuration (FOK, IOC).
- >>> CANCELLED BY SYSTEM: an action was performed by the system that led to a cancellation of the order for security reason.

📄 🗳 🤁	RWE
✓ DONE Dec 18	13:22:00
BUY 10.0MW @ 15.675 EUR	Trade Vol 87,600
CANCELLED BY SYSTEM -Dec 18-	
-BUY 10.2MW @ 15.650 EUR-	-Trade Vol 87,600
WITHDRAWN Dec 18	
BUY 10.2MW @ 15.650 EUR	Trade Vol 87,600
A REJECTED Dec 18	
GTC - BUY 10.2MW @ 15.650 EUR	Trade Vol 87,600
✓ FILL DONE Dec 18	
BUY 4MW @ 15.650 EUR	Trade Vol 87,600
FAILED Dec 18	
BUY 10.2MW @ 15.650 EUR	Trade Vol 87,600



General & Offer Settings

Customize and pre-define as much as possible via settings in order to simplify trading.

ECT offers a set of settings to minimise on-the-fly action

In the settings menu you find "General" and "Orders" as two separated sections. In these two section you can configure settings that meet your main preferences.

General settings

The "General" settings sections lets you define your preferred language and reset your current password.

If you select "Reset Password" the system will show you the "set a new password" dialogue which has been shown at your first login.

	•
Workspace <	Language
General	English V Password
Orders	Reset Password
Monitor	

Offer settings

The "Orders" allows to predefine the portfolios per commodity that are mainly used for deal bookings. Furthermore, main trading area for power and a default strategy can be selected.

Selections will then be present when an order ticket is opened.

	•				
Workspace <	Book to	Book to			
General	Gas Power	Portfolio Gas \vee Portfolio Power 🗸			
Orders	Market A	rea			
	Power	Amprion 🗸			
Monitor	Strategy Default				



Workspace Management

Create different workspaces and share them amongst your colleagues.

Your view, on any device!

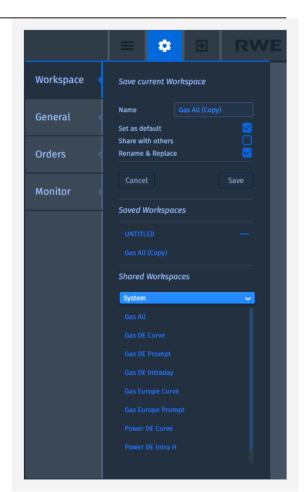
ECT allows the user to store his/her workspaces on our servers. This feature creates the freedom to have the same view from any device and any browser.

After a workspace has been created, the user is able to save the current workspace via the settings menu. Saving has 3 features included:

- Set as default": the workspace is selected as default workspace and will be opened at any new session.
- Share with others": the workspace will be published to other users. If another user selects the shared workspace, a copy will be assigned to the user. By this no one is able to make changes to the shared workspace other than the user who shared it.
- "Rename & Replace": if activated the current name and the current state of the workspace will be overwritten. If a user wants to create a new workspace the tick box needs to be de-selected.

Saved Workspaces

Saved workspaces are shown in "Saved Workspaces". If the user wants to open one of the saved workspaces, he/she just has to click on the name. If a workspace is not needed anymore or was not created on purpose, it can be deleted by clicking on the minus symbol.



Shared Workspaces

In order to open a shared workspace, the user first needs to select the user who owns the wanted workspace. After selecting the user, the system will present a list of all shared workspace by that user. The selection of a shared workspace will create a copy which is then own by the selecting user.

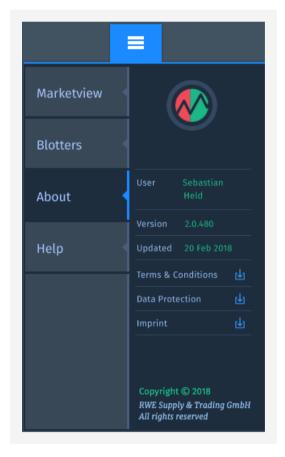


About & Help

If you need guidance, please have a look here ...

About

For various reasons the user needs to be aware of the version and the last update of the application. This is shown in the "About" section, which can be accessed via the mamburger menu. In addition to version and update information, the user will also find links to the latest versions of Ts&Cs, Data protection and Imprint.



Help

We assume the user guide to be the initial source of help for any user. For this we also included some *"Frequently Asked Questions"* on the next pages. If the user guide does not solve your issue, please contact us.

	=
Marketview	
Blotters	
About	
Help	24/7-Support RWE Supply & Trading GmbH Altenessener Straße 27 45141 Essen +49 (0)201-5179-3300
	support@ect.energy
	Business Support RWE Supply & Trading GmbH Altenessener Straße 27 45141 Essen
	+49 (0)201-5179-3301 business@ect.energy



F•A•Qs

Here are some of the common problems our customers encounter.

I cannot reach live.ect.energy via my desktop. Instead I receive an error message.

Some problems are out of your reach. If you cannot get to live.ect.energy, it might be that your firewall settings prevent you from this. In this case please contact your IT and ask from activation by reconfiguration of Port XX.

I'm trying to log in via live.ect.energy but the system rejects me from doing so. What is wrong?

If you are a newly onboarded customer it is possible that your initial password has expired. The initial password has a validity of 7 days. In this case please contact your technical support and ask for a reset of your password.

I wanted to place an offer "GTC" but I cannot see it in the offer blotter as an active order?

Offers never get lost, so there might be a very good reason why you are not seeing your offer as an active offer.

In order to "find" your offer you should at first have a look in the other tabs of the offer blotter. It is possible that the offer is in the "Completed" tab. This would be that the offer rested in the offer range, but directly matched in terms of price and quantity to other offers in the offer range.

If your offer is not there, it could be in the "Unsuccessful" tab. It could be the case that your offer was unintentionally not submitted as a "GTC" offer. If the offer was submitted as an "FOK" or "IOC", there was no other offer or set of offers that match with your covet in terms of price and volume.

Bla? Blubb

Bla? Blubb

If this FAQ did not solve your problem, we are happy to help you. Please contact us:

Technical Support: ECT 24/7 Support support@ect.enery +49 - 201 - 5179 - 3300

Business Support: ECT Business Support Business@ect.energy +49 - 201 - 5179 - 3301



Appendix: List of predefined Marketviews

Select one that suits your needs best and be ready within seconds!

Templates for GAS

Gas All

Instruments: TTF High, NCG High, NCG Low, GPL High, GPL Low

<u>Products:</u> RoD, DayAhead, Saturday, Sunday, Weekend, BoM, Months, Quarters, Seasons, Years

Gas DE Curve

Instruments: NCG High, NCG Low, GPL High, GPL Low

<u>Products:</u> RoD, DayAhead, Saturday, Sunday, Weekend, BoM, Months, Quarters, Seasons, Years

Gas DE Prompt

<u>Instruments:</u> NCG High, NCG Low, GPL High, GPL Low

Products: RoD, DayAhead, Saturday, Sunday, Weekend, BoM

Gas DE Intraday

Instruments: NCG High, NCG Low, GPL High, GPL Low

<u>Products:</u> RoD, Current Hour, Hours

Gas Europe Curve

Instruments: TTF High, NCG High, NCG Low, GPL High, GPL Low

<u>Products:</u> RoD, Current Hour, Hours

Gas Europe Prompt

Instruments TTF High. NCG High, NCG Low, GPL High, GPL Low

Products:

RoD, Current Hour, Hours

ECT User Guide 2.0 (external version)

Templates for POWER

Power DE Curve

Instruments: German Power in Amprion, 50 Hertz, Tennet, TransnetBW

<u>Products:</u> Days, Weeks, Weekends, Months, Quarters, Years

Power DE Intra H

Instruments: German Power in Amprion, 50 Hertz, Tennet, TransnetBW

<u>Products:</u> Hours

Power Europe Intra H

Instruments: German Power (in Amprion, 50 Hertz, Tennet, TransnetBW), Belgium Power (in Elia), Dutch Power (in TennetNL)

<u>Products:</u> Hours

Power DE Intra QH

Instruments: German Power in Amprion, 50 Hertz, Tennet, TransnetBW

<u>Products:</u> RoD, DayAhead, Saturday, Sunday, Weekend, BoM, Months, Quarters, Seasons, Years



Glossar

API

An **A**pplication **P**rogramming Interface serves as a connection point between different systems.

AON

All-Or-Nothing is an execution type which rests in the order book. AON does not allow for partial execution. It will rest in the order book until it is withdrawn, cancelled, executed or the underlying product is expired.

FOK

Fill-Or-Kill is an execution type which does not rest in the order book. FOK does not allow for partial execution.

GTC

Good-**T**ill-**C**ancelled is an execution type which rests in the order book. GTC does allow for partial execution. It will rest in the order book until it is withdrawn, cancelled, executed or the underlying product is expired.

IOC

Immediate-**O**r-**C**ancelled is an execution type which does not rest in the order book. IOC does allow for partial execution.

