Clock change on 28 October 2018 – Procedure on SEMOpx Day-Ahead and Intraday Auction

Important information – Action required

- Long Clock Change Member test organization
- ETS API Mandatory Mass Conformance Test
- Impact on ETS client, ETS API and REMIT reporting

Dear SEMOpx Member,

On Sunday 28 October 2018, the time will be set back one hour from 2 am (BST) to 1 am (GMT) due to the transition from daylight-saving time (DST) to normal time. Hence, 25 hours will be available for trading instead of 24 hours.

Please note the following special trading procedures on trading day Saturday, 27 October 2018 for delivery day Sunday, 28 October 2018.

Please make sure to participate in the member tests that will take place on 8 and 9 October 2018.

1.   Long Clock Change Member Test Organization

A long clock change auction scenario (DST 25) will be run on 8 and 9 October 2018. On these dates, SEMOpx will run the auctions for the delivery date 28 October 2018.

Please find below the auctions that will be run and their respective orderbook closure times expressed in CEST. Local market results will be published shortly afterwards.

Dates	Scenarios	DAM (Local)	IDA1 (Local)
08/10/18	DST 25	15:00	16:30
09/10/18	DST 25	15:00	16:30

The Member Test session on 8 October will be open to all market participants. The session on 9 October 2018 will be dedicated to API Conformance Tests.

Please note:

- In ETS, you will have to select auction date 27 October for delivery date 28 October to submit orders and retrieve market results.

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- To facilitate Member Tests, the simulation environment configuration will be adjusted so that it is possible to submit orders 45 days before the auction instead of 14. As a result, order submission for delivery on 28 October is already opened.

Concerning market result availability:
- Auction market results from the member test run on 8 October will remain available until 9 October at 09:00 CEST.
- On 9 October at 09:00, auction results run on 8 October will be cancelled so that a new auction can be run for delivery day 28 October.
- Please note that only market results will be cancelled. Existing orders for delivery on 28 October submitted on 8 October will remain in the order book.

The Member Tests for SEMOpx markets will take place using the following environment.

2.	Environment	3.	Simulation 3
4.	ETS version	5.	3.2.1
6.	Server address	7.	ets-simu3.svpx.epexspot.com
		8.	port 4443
9.	API server address	10.	The server address provided to you during the market trial
11.	WSDL version	12.	3.2.1

Prior to the Member Tests, we kindly ask you to verify that you have all the required credentials.

13. ETS API Mandatory Mass Conformance Tests

All customer API applications must pass a Conformance Test for the Long Clock Change Day. As mentioned above, the session on **9 October 2018** will be **dedicated to API Conformance Tests**.
Its purpose is to ensure that your application is ready in terms of order submission (for read write applications) and market results retrieval.

The market operations team will support you during this test but please note that <u>no appointment is required with a market operator</u>.

At the end of your test you are requested to send an e-mail to marketops@ops.semopx.com including the following documents:
- the market results your API application could retrieve:
  - the XML response to the RetrieveMarketResultsFor request
  - or alternatively the content of the <ns:marketResultExport> tag in a CSV file
- the attached API Acceptance Matrix filled in for DST25

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If you have passed the DST25 conformance test, Market Operations will verify your results and validate them. You will receive a validation email in the 5 working days following the Mass Conformance Tests.

For members who can't participate in or do not pass the Mass Conformance Test of 9 October, we plan on carrying out an additional session on 18 October.

14.   Impacts on ETS Client, ETS API and REMIT

14.1   ETS Client

14.1.1   Day-Ahead Market

Please note that **hour 02 and 02X will be traded independently from each other**, i.e. there is **no automatic duplication with the same values**.
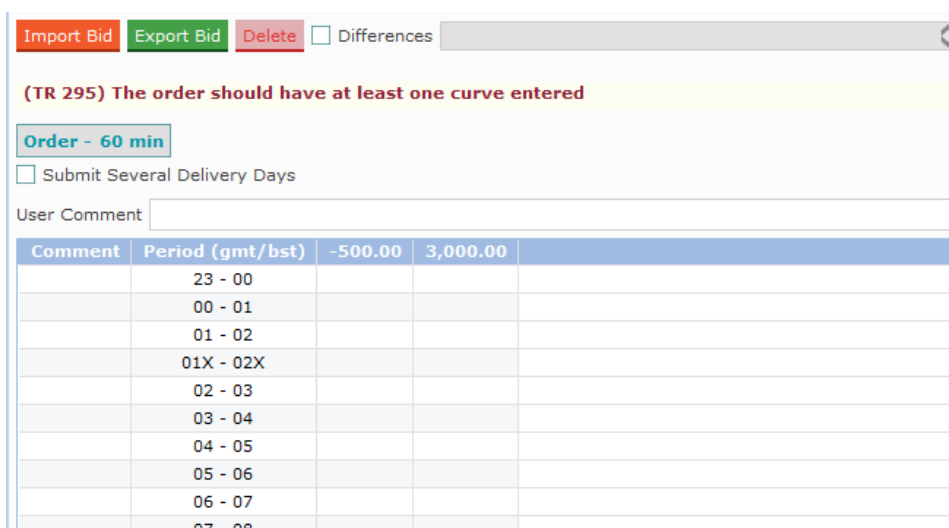
Orders submission

In SEMOpx Trading System (ETS) the 'double hour' is indicated by an extra row, which may contain independent values.

Paste from Excel
For the Long Clock Change session, a full 25 hour Excel paste template is needed with hour 02 and 02X having their own values.

Linear Bids

Submitting Several Days, including the Long Clock Change delivery day, is not possible. A warning message *'Orders Submission for several days is not possible because one of the Delivery Days is a Long DST Day'* is presented if this is attempted.

Complex orders

The same principle as for linear bid applies.

Market results

On the Long Clock Change delivery day, the Market Result overview will include the results of the extra hour as follows

Period (gmt/bst)	MCP (EUR/MWh)	MCV(
23 - 00		
00 - 01		
01 - 02		
01X - 02X		
02 - 03		
03 - 04		
04 - 05		
05 - 06		
06 - 07		
07 - 08		

'Exports to Excel' or to 'Export … CSV' will also include the extra hour.

An example csv MarketResult file generated on the server side is also available in attachment for illustration purposes.

14.1.2 Intraday Auction 1

All 30 min. periods will be traded independently from each other, i.e. there is no **automatic duplication with the same values.**

Orders submission

In ETS, the double hour is indicated by two extra rows, which may contain independent values.

Paste from Excel
A full 50 period Excel paste template is needed for Long Clock change session, with period 01:00X-01:30X, 01:30X-02:00X having their own values.

Linear Bids

Submitting Several Days, including the Long Clock Change delivery day, is **not** possible. A warning message *'Orders Submission for several days is not possible because one of the Delivery Days is a Long DST Day'* is presented if this is attempted.

Market results

On the Long Clock Change delivery day, the Market Result overview will include the results of the extra half hours as follows.

There will be 50 periods in the Market Results:

14.2   ETS API messages

For this Long Clock Change day, API messages will contain the following number of periods:

15.		16.	Number of periods	17.	Numbering of the period
18.	Day-Ahead	19.	25	- period #4 corresponds to 01X-02X, - period #25 corresponds to 22-23	
20.	Intraday Auction 1	21.	50	- period #4 corresponds to 01:00X-01:30X - period #4 corresponds to 01:30X-02:00X 22. period #50 corresponds to 23:45-00:00	

Sample API requests and responses are provided in the attached sample zip file for the impacted messages:

- EnterOrderRequest_LongDST.xml
- EnterOrderResponse_LongDST.xml
- EnterBlockOrderBatch_Request_LongDST.xml
- EnterBlockOrderBatch_Response_LongDST.xml
- RetrieveMarketResultsFor_Request_LongDST.xml
- RetrieveMarketResultsFor_Response_LongDST.xml

22.1 REMIT files reporting

Times reported in REMIT files related to the delivery time of a product are always reported in the local timezone of the respective market area.

For the Long Clock Change this means that the time period between 01:00 and 02:00 will be reported with both the UTC+0 and UTC+1 offsets.

e.g.

If taking place in the **first Hour 02** time will reported as:

> *<loadDeliveryStartTime>01:00:00+01:00</loadDeliveryStartTime>*
> *<loadDeliveryEndTime>02:00:00+01:00</loadDeliveryEndTime>*
>
> *<intervalStartTime>01:00:00+01:00</intervalStartTime>*
> *<intervalEndTime>02:00:00+01:00</intervalEndTime>*

If taking place in the **second Hour 03** time will reported as:

> *<loadDeliveryStartTime>01:00:00+00:00</loadDeliveryStartTime>*
> *<loadDeliveryEndTime>02:00:00+00:00</loadDeliveryEndTime>*
>
> *<intervalStartTime>01:00:00+00:00</intervalStartTime>*
> *<intervalEndTime>02:00:00+00:00</intervalEndTime>*

Please do not hesitate to contact us should you require any further information.

Yours faithfully,

SEMOpx Team

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