

## SEMOpX Info – 01 April 2025

# 30 MTU SDAC Member Test planned to start on 7th April 2025

### Important information

- **“Go” Decision to start 30 MTU Member Testing on 7<sup>th</sup> April 2025**
- **MATS SIMU2 dedicated simulation environment to embed 30 MTU SDAC Member Tests**
- **Details on planned scenarios for test are available**
- **Register by filling in the [Registration Survey](#) in this communication to confirm interest in participation (deadline on 3<sup>rd</sup> April 2025)**

Dear Member,

The **“Go” decision of the Market Coupling Steering Committee has been confirmed** and the launch of **30 MTU SDAC Member Test will take place from 7 April 2025 until 19 May 2025**. This Member Testing will be **jointly organized by Market Coupling parties<sup>1</sup>**, allowing the Testing of the new SDAC 30 MTU feature in the SEM jointly with all Market Participants across Europe.

As previously communicated, the SEMOpX DAM 30 Min MTU is set to go-live on 11 June 2025, subject to successful testing and member readiness. From the go-live date, **SEMOpX Day-Ahead Market will settle in 30-minute Market Time Unit**. SEMOpX Members **will be able to submit linear and scalable complex orders using 30-minute granularities**.

The **30 MTU SDAC configuration can be tested in MATS SIMU2 environment** which will open during the first week of April 2025.

Please complete the [Registration Survey](#) with the following information to indicate your interest to participate in the SDAC Member Test:

Trader's Full Name (First Name and Surname)	
Email address	
Company Short Name / ECC Code	

- **Registration deadline: 03 April 2025**

<sup>1</sup> The MCSC public communication is available [here](#)

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### Clarification of Terms

- FIT: Functional Integration Tests — testing the integration of all relevant systems in market coupling
- SIT: Simulation Integration Tests — simulating market coupling sessions with operators
- Acceptance tests — further tests to validate the stability in repeated market coupling sessions
- Member tests — market coupling sessions that include members' order books
- SU: System Updates

# 1. Get ready for Member Test

## 1.1 Registration

30 MTU SDAC Member Test is currently planned to take place from **07 April 2025 to 19 May 2025**.

Please complete the [Registration Survey](#) with the following information to indicate your interest to participate in the SDAC Member Test:

Trader's Full Name (First Name and Surname)	
Email address	
Company Short Name / ECC Code	

- **Registration deadline: 03 April 2025**

The registration process is required for members to receive all the Market Messages communication during the SDAC Member Tests.

## 1.2 Simulation environment

The **30 MTU SDAC** can be tested in **MATS SIMU2 environment** which will open during the first week of April 2025. All connectivity details can be found in the ***“SEMOPx MATS SIMU2 Opening Information - 26.03.2025”*** document available within the [SEMOPx Member's Area](#).

Useful materials:

- All materials relating to MATS can be found in the Member's Area on the SEMOPx Website ([LINK](#))

We kindly remind our customers that **current MATS DAM60 SIMU environment remains open for testing MATS with current SDAC configuration**, in parallel of the MATS SIMU2 environment dedicated to SDAC 30' MTU configuration.

Our Expert team remains available at [mats-support-svpx@epexspot.com](mailto:mats-support-svpx@epexspot.com) should you have any questions related to MATS and the SIMU environments.

## 2. Member Tests specifications

### 2.1 Timings applicable to Member Tests

Indicative timings for member tests are as follows:

Step	*Normal Day Test Timings	Normal Day with Specific Instructions	Incident Scenario Maximum Test Target Timings
Order Book Gate Closure Time (OBK GCT)	13:00 BST	**12:30 BST	13:00 BST
Publication of preliminary results	13:55 BST	13:55 BST	15:05 BST
Final release of results	14:05 BST	14:05 BST	15:15 BST

\* The normal day test timings may be adjusted until Member Test start.

\*\* 12:30 Gate Closure Timing (GCT) will only be applied when running the normal day with specific instructions (cf. below) to give NEMOs time to check the submitted orders and potentially modify them to be in line with the scenario. 12:30 GCT is not reflective of production timings + 2 hours.

### 2.2 Input Capacity Data

Production data from production trading day D-7, converted from 60-min MTU to 30-min MTU resolution, will be provided as input capacity data<sup>2</sup>. This will allow market participants to simulate production-like capacity situations.

<sup>2</sup> The SEM Day-ahead Auction is conducted via Multi-Regional Coupling (MRC) with no cross-zonal capacities submitted on the Interconnectors to GB.

## **3. Coordination and Communication**

### **3.1 SEMOpx communication**

- Communication and coordination will be similar to production conditions. Market participants must register to 30 MTU SDAC Member Tests to receive operational market messages (see section 1.2).

### **3.2 TSO and JAO related information**

#### **TSO-Related Information**

TSOs will centrally communicate on registration requirements, nomination processes and organizational details by posting a joint communication on the website of JAO ([www.jao.eu](http://www.jao.eu)).

#### **JAO-Related Information**

JAO has already sent an email to its registered members informing them of registration requirements and deadline for completion. A reminder will be sent shortly before the end of the registration window. It is important to note that JAO will limit registration to members already participating in the shadow auction allocation in the production environment (this means any company not currently registered with JAO will not be able to register to participate in the decoupling sessions of the SDAC 30 MTU member tests). Moreover, the interconnector(s) entitlement(s) will be copied from the production environment, to facilitate the nomination of shadow auction capacity towards the TSOs.

## 4. Member Test scenarios

### 4.1 Re-Execution principles

- TSO cross-border nomination processes and JAO shadow auctions will be active and available only during the first three days of member test<sup>2</sup>, 7-8-9 of April (simulating normal day, partial decoupling of Nordic region and full decoupling):
- For normal day, partial decoupling and full decoupling scenarios on 7-8-9 April, the TSO cross-border nomination platforms will be available.
- For partial decoupling and full decoupling scenarios on 8-9 of April, JAO shadow auctions will be available.

Therefore, it is recommended that market participants actively take part until the end of the process for those three days. If market participants want to have more execution days during which TSOs' platforms have to be available, they need to make the request to their respective NEMOs in order for NEMOs and TSOs to organize it centrally.

- Scenarios are defined in advance, except for the last five days of Member Tests (7-12-13-14-15 May)<sup>2</sup> for which NEMOs and TSOs have planned to perform either normal day or re-execution of failed scenarios.

Failed scenarios are planned by NEMOs and TSOs in case of negative procedural outcomes (e.g. a scenario changed last-minute or the foreseeable timings were not followed). In that case, a second execution will be planned and communicated through the NEMOs using operational messages.

## 4.2 Instructions for specific Normal day scenarios

Week day	Test Execution Date (trading day) <sup>2</sup>	Member Tests (MTs) Scenarios	Instructions for <i>Market Participants</i> : OBK provision and NEMOs potential modifications of OBK
We	23/04	Max / min price reached and curtailment	<p>Market participants <u>should follow the following instructions</u>:</p> <ul style="list-style-type: none"> <li>• <b>For SEMOPx Members - Provide orders with maximum prices.</b></li> <li>• NEMOs would then provide high demand volumes.</li> </ul> <p><i>If market participants do not follow these instructions, either NEMOs will modify the non-compliant OBKs, or NEMOs will provide dummy files to add orders for reaching a high prod-like number of blocks. Additionally, all adjusted OBKs will be made available to the respective market participants so that they can understand the changes made.</i></p>
Th	24/04	No liquidity in a given time resolution	<p>Market participants <u>should follow the following instructions</u>:</p> <ul style="list-style-type: none"> <li>• <b>For SEMOPx Members – normal day 30' MTU orders to be submitted</b></li> <li>• Submitting no orders in 15' MTU for each BZ (except OMIE's BZ for which only 15'MTU is available)</li> </ul> <p><i>If market participants do not follow these instructions, NEMOs will modify the non-compliant OBKs. Additionally, all adjusted OBKs will be made available to the respective market participants so that they can understand the changes made.</i></p>
Mo	05/05	High number of blocks	<p>Market participants <u>should follow the following instructions</u>:</p> <ul style="list-style-type: none"> <li>• <b>For SEMOPx Members – normal day 30' MTU orders to be submitted</b></li> </ul>

Week day	Test Execution Date (trading day) <sup>2</sup>	Member Tests (MTs) Scenarios	<p style="text-align: center;"><b>Instructions for <i>Market Participants</i>:</b></p> <p style="text-align: center;"><b>OBK provision and NEMOs potential modifications of OBK</b></p>
			<ul style="list-style-type: none"> <li>Submitting OBKs with three times the current volume of blocks (although realistic) in 15 min and 60 min resolution.</li> <li>Volumes and prices must be similar to current production levels (e.g., volumes per quarter are similar to volumes in 60 min resolution).</li> </ul> <p>After the registration process is closed, if not enough market participants are registered, individual NEMOs could contact market participants to request an increase in the above multiplication factor.</p> <p><i>If some market participants do not follow these instructions, either NEMOs will modify the non-compliant OBKs, or NEMOs will provide dummy files to add orders for reaching a high prod-like number of blocks. Additionally, all adjusted OBKs will be made available to the respective market participants so that they can understand the changes made.</i></p>
Tu	06/05	Paradoxically Rejected 60' Curves	<p>Market participants <u>should follow the following instructions:</u></p> <ul style="list-style-type: none"> <li><b>For SEMOPX Members – normal day 30' MTU orders to be submitted</b></li> </ul>

<sup>2</sup> According to current Member Test plan



### 4.3 Detailed Scenarios of the Member Test

See following pages.

Week day	Test Execution Date <sup>3</sup>		Member Tests' (MTs) Scenarios	Test Capacity Data		Description	Expected Results for Market Parties
	Trading Day	Delivery Day		Production Reference Trading Day	Production Reference Delivery Day		
Mo	07/04	08/04	Normal day	31/03	01/04	<p>Operation of the day-ahead session without any deviation from normal process.</p> <p>Steps of day-ahead session followed in line with new timings.</p>	<p>Submission of orders.</p> <p>Reception of results for day-ahead market.</p> <p>Post Trading Reports publication on <a href="#">SEMOpX Website</a>.</p> <p>ECC Reports (Trade, Payment, Delivery) publication in <a href="#">SMSS SIMU</a>.</p>
Tu	08/04	09/04	Full decoupling with shadow auction	01/04	02/04	<p>Full decoupling of day-ahead session.</p> <p>Steps of day-ahead session followed in line with new timings.</p>	<p>Submission of orders.</p> <p>Reception of results for day-ahead market.</p> <p>Post Trading Reports publication on <a href="#">SEMOpX Website</a>.</p> <p>ECC Reports (Trade, Payment, Delivery) publication in <a href="#">SMSS SIMU</a>.</p>
We	09/04	10/04	Partial decoupling Nordic region (with Nordic	02/04	03/04	<p>Partial decoupling of EPEX and EMCO in the Nordic region for missing order books followed by Nordic regional coupling.</p>	<p>Submission of orders.</p> <p>Reception of results for day-ahead market.</p>

Week day	Test Execution Date <sup>3</sup>		Member Tests' (MTs) Scenarios	Test Capacity Data		Description	Expected Results for Market Parties
	Trading Day	Delivery Day		Production Reference Trading Day	Production Reference Delivery Day		
			regional coupling)			Steps of day-ahead session followed in line with new timings.	Post Trading Reports publication on <a href="#">SEMOpX Website</a> . ECC Reports (Trade, Payment, Delivery) publication in <a href="#">SMSS SIMU</a> .
Th	10/04	11/04	Second calculation due to bidding error management	03/04	04/04	Simulation of a bidding error for one market participant leading to a second calculation. Steps of the day-ahead session followed in line with new timings.	Submission of orders. Reception of results for day-ahead market.
Mo	14/04	15/04	System Updates	07/04	08/04	Day booked to allow market participants to update their systems as needed.	
Tu	15/04	16/04	System Updates	08/04	09/04	Day booked to allow market participants to update their systems as needed.	
We	16/04	17/04	System Updates	09/04	10/04	Day booked to allow market participants to update their systems as needed.	

Week day	Test Execution Date <sup>3</sup>		Member Tests' (MTs) Scenarios	Test Capacity Data		Description	Expected Results for Market Parties
	Trading Day	Delivery Day		Production Reference Trading Day	Production Reference Delivery Day		
Th	17/04	18/04	System Updates	10/04	11/04	Day booked to allow market participants to update their systems as needed.	
Mo	21/04	22/04	<i>Public holiday</i>	14/04	15/04	N/A	N/A
Tu	22/04 is the execution trading day  25/10/2025 is the LTS trading day	23/04 is the execution delivery day  26/10/2025 is the LTS delivery day	Daylight Saving Time (Long Clock Change)	26/10/2024	27/10/2024	Operation of the day-ahead session without any deviation from normal process for the DST LCC 2025.  Steps of day-ahead session followed in line with new timings.	Submission of orders with DST LCC content.  Reception of results for day-ahead market with DST LCC content.
We	23/04	24/04	Max / min price reached and curtailment	16/04	17/04	Operation of the day-ahead session without any deviation from normal process.	Submission of orders with specific instructions (cf. chapter instructions for specific Normal Day scenarios).  Reception of results containing max and min price reached for at least 2 separate time units

Week day	Test Execution Date <sup>3</sup>		Member Tests' (MTs) Scenarios	Test Capacity Data		Description	Expected Results for Market Parties
	Trading Day	Delivery Day		Production Reference Trading Day	Production Reference Delivery Day		
						Steps of day-ahead session followed in line with new timings.	for each Bidding Zone (BZ) and curtailment for day-ahead market.
Th	24/04	25/04	No liquidity in a given time resolution	17/04	18/04	Operation of the day-ahead session with a potential extended calculation time. Steps of day-ahead session followed in line with new timings.	Submission of orders with specific instructions (cf. chapter instructions for specific Normal Day scenarios). <b>Scenario not applicable to SEMOPx, therefore a normal day scenario will be run.</b>
Mo	28/04	29/04	Normal day	21/04	22/04	Operation of the day-ahead session without any deviation from normal process. Steps of day-ahead session followed in line with new timings.	Submission of orders. Reception of results for day-ahead market.
Tu	29/04	30/04	Normal day	22/04	23/04	Operation of the day-ahead session without any deviation from normal process.	Submission of orders. Reception of results for day-ahead market.

Week day	Test Execution Date <sup>3</sup>		Member Tests' (MTs) Scenarios	Test Capacity Data		Description	Expected Results for Market Parties
	Trading Day	Delivery Day		Production Reference Trading Day	Production Reference Delivery Day		
						Steps of day-ahead session followed in line with new timings.	
We	30/04	01/05	Normal day	23/04	24/04	<p>Operation of the day-ahead session without any deviation from normal process.</p> <p>Steps of day-ahead session followed in line with new timings.</p>	<p>Submission of orders.</p> <p>Reception of results for day-ahead market.</p>
Th	01/05	02/05	<i>Public holiday</i>	24/04	25/04	N/A	N/A
Mo	05/05	06/05	High number of blocks	28/04	29/04	<p>Operation of the day-ahead session with a potential extended calculation time or a full decoupling.</p> <p>Steps of day-ahead session followed in line with new timings.</p>	<p>Submission of orders with specific instructions (cf. chapter instructions for specific Normal Day scenarios). <b>Scenario not applicable to SEMOpx, therefore a normal day scenario will be run.</b></p> <p>Reception of results for the day-ahead coupled borders or the shadow auctions and Nordic regional coupling ones.</p>

Week day	Test Execution Date <sup>3</sup>		Member Tests' (MTs) Scenarios	Test Capacity Data		Description	Expected Results for Market Parties
	Trading Day	Delivery Day		Production Reference Trading Day	Production Reference Delivery Day		
Tu	06/05	07/05	Paradoxically Rejected 60' Curves	29/04	30/04	Operation of the day-ahead session without any deviation from normal process. Steps of day-ahead session followed in line with new timings.	Submission of orders with specific instructions (cf. chapter instructions for specific Normal Day scenarios). <b>Scenario not applicable to SEMOPx, therefore a normal day scenario will be run.</b>
We	07/05	08/05	Re-execution or Normal day	30/04	01/05	Depending on NEMOs/TSOs alignment (cf. re-execution principles)	
Th	08/05	09/05	<i>Public holiday</i>	01/05	02/05	N/A	N/A
Mo	12/05	13/05	Re-execution or Normal day	05/05	06/05	Depending on NEMOs/TSOs alignment (cf. re-execution principles)	
Tu	13/05	14/05	Re-execution or Normal day	06/05	07/05	Depending on NEMOs/TSOs alignment (cf. re-execution principles)	

Week day	Test Execution Date <sup>3</sup>		Member Tests' (MTs) Scenarios	Test Capacity Data		Description	Expected Results for Market Parties
	Trading Day	Delivery Day		Production Reference Trading Day	Production Reference Delivery Day		
We	14/05	15/05	Re-execution or Normal day	07/05	08/05	Depending on NEMOs/TSOs alignment (cf. re-execution principles)	
Th	15/05	16/05	Re-execution or Normal day	08/05	09/05	Depending on NEMOs/TSOs alignment (cf. re-execution principles)	

Please do not hesitate to contact us at [info@semopx.com](mailto:info@semopx.com) should you require any further information.

Kind regards,  
SEMOpX Team