

## DE-AT-PL-4MMC Member Tests

The aim of the Member Tests is to simulate production-like conditions to allow market participants to experience new market coupling procedures/processes and timings which will apply as of go-live of the DE-AT-PL-4MMC Coupling Project (also referred to as Interim Coupling or ICP), including Fallback procedures.

During the Member Tests testing environments of Local NEMO systems and central systems (allocation algorithm, TSO central system, JAO) with the set-up as for production shall be used. The tests will be organized jointly by the NEMOs participating in the ICP project with the necessary support of the common TSO system and JAO.

According to the Test Plan the Member Tests will be organized from **31.05.2021 to 07.06.2021**.

The test session will be launched each working day at **13:00 CET**, i.e. after market coupling sessions in 4M MC and MRC are finished<sup>1</sup>.

### Scope of Member Tests

#### Test scenarios:

- **Normal day**
- **Full decoupling** incl. Shadow Auctions performed by JAO
- **Partial decoupling** incl. Shadow Auctions performed by JAO (CZC related reasons)
- **Partial decoupling** incl. Shadow Auctions performed by JAO (OBK related reasons)
- **Second auction**

#### Test plan:

<b>31.05.2021</b>	<b>Normal day</b>
<b>01.06.2021</b>	<b>Full decoupling</b> incl. Shadow Auctions performed by JAO
<b>02.06.2021</b>	<b>Partial decoupling</b> incl. Shadow Auctions performed by JAO (CZC related reasons)
<b>03.06.2021</b>	<b>Partial decoupling</b> incl. Shadow Auctions performed by JAO (OBK related reasons)
<b>07.06.2021</b>	<b>Second auction</b>

### Involvement of ICP Parties

Each ICP NEMO is responsible to open a registration process to ensure their members get all needed information to be able to participate. More information on the registration and further details will be shared by individual Parties in due time. ICP TSOs will not actively participate on Member Tests.

### Involvement of JAO in case of Shadow Auction

JAO will centrally organise the Shadow Auction on all ICP borders. For the purpose of participation on Member Tests a registration is needed to ensure that the participating Market Participants have the necessary rights for shadow auctions. More information on registration and Member Tests is available on [www.jao.eu](http://www.jao.eu).

### New Operational Timings

Please be also aware that as of the Interim go-live, changes of the timings of coupling in all SDAC countries will be implemented.

Please find below a list of the most relevant timing changes (all of them are expressed as CET):

	<b>Current 4MMC timing</b>	<b>Current MRC timing</b>	<b>New timing</b>
<b>Gate Closure Time</b>	11:00	12:00	12:00
<b>Preliminary Results Publication Time (where applicable)</b>	-	12:42	12:45
<b>Final Results Publication Time</b>	11:40	12:54	12:57

<sup>1</sup> Disclaimer: The timing can be adjusted for specific testing sessions e.g. in case it is required by 4M MC and/or MRC operations. Market Participants will be informed about such change accordingly.

<b>Deadline for Partial Decoupling due to missing order books</b>	-	12:40	12:45
<b>Full Decoupling Deadline</b>	12:35	13:50	14:00
<b>Order book reopening for coupled areas after a partial decoupling</b>	-	10 minutes	15 minutes

### Detailed test scenarios

**Note:** Certain processes such as local auctions are governed by local procedures which may differ across bidding zones. Moreover, nominations will not be part of the tests.

Normal Day				
Step	Description	System	Simulation time	Production New Timing
1	Gate Closure Time	Local Trading System	15:00	12:00
2	Preliminary Market Results publication (where applicable)	Local Trading System	15:45	12:45
3	Final Results publication	Local Trading System	15:57	12:57

Full Decoupling				
Step	Description	System	Simulation time	Production New Timing
1	OBK Gate Closure Time	Local Trading System	15:00	12:00
2	Sending of message ExC_02: Delay in Market Coupling Results publication	email	15:45	12:45
3	Sending of message UMM_01a: Delay in final result publication	email	16:05	13:05
4	Sending of message ExC_03b: Further Delay of the Market Coupling Session	email	16:30	13:30
5	JAO informs the Market Participants of possibility of Shadow Auction and the Shadow Auctions bid submission deadline	email	16:30	13:30
6	JAO runs Shadow Auction	e-CAT	16:40	13:40
7	Sending of message ExC_04b: Full decoupling	email	17:00	14:00
8	JAO Shadow Auctions Results Publication	Website	as of 17:00	as of 14:00
9	Expected publication of Results	Local Trading System	As of 17:30	As of 15:30 Latest 20:00

Partial Decoupling (due to CZC related reasons)				
Step	Description	System	Simulation time	Production New Timing
1	OBK Gate Closure Time	Local Trading System	15:00	12:00
2	Sending of message UMM_02: Risk of Partial Decoupling for one or more interconnectors	email	14:15	11:15
3	JAO informs the Market Participants of possibility of Shadow Auction and the Shadow Auctions bid submission deadline.	email	14:15	11:15
4	JAO runs Shadow Auction	e-CAT	14:25	11:25

5	Sending of message UMM_03: One or more interconnectors decoupled	email	14:30	11:30
6	JAO Shadow Auctions Results Publication	Website	as of 14:35	as of 11:35
7	OBK Gate Closure Time	Local Trading System	15:00	12:00
8	Preliminary Market Results publication (where applicable)	Local Trading System	15:45	12:45
9	Final Market Results publication	Local Trading System	15:57	12:57

Partial Decoupling (due to OBK related reasons)				
Step	Description	System	Simulation time	Production New Timing
1	OBK Gate Closure Time	Local Trading System	15:00	12:00
2	Sending of message ExC_03a: Risk of Partial Decoupling	email	15:25	12:25
3	JAO informs the Market Participants of possibility of Shadow Auction and the Shadow Auctions bid submission deadline.	email	15:25	12:25
4	JAO runs Shadow Auction	e-CAT	15:30	12:30
5	JAO Shadow Auctions Results Publication	Website	as of 15:40	as of 12:40
6	Sending of message ExC_04a: Partial Decoupling – Reopening of the Order Books	email	15:45	12:45
7	Sending of message UMM_01a: Delay in final result publication	email	16:05	13:05
8	Sending of message ExC_03b: Further Delay of the Market Coupling Session	email	16:30	13:30
9	Expected publication of Results	Local Trading System	As of 17:30	As of 15:30 Latest 20:00

Second Auction				
Step	Description	System	Simulation time	Production New Timing
1	OBK Gate Closure Time	Local Trading System	15:00	12:00
2	Sending of message ExC_01: Thresholds reached - Reopening of the order books	email	15:27	12:27
3	Sending of message UMM_01a: Delay in final result publication	email	16:05	13:05
4	Sending of message ExC_03b: Further Delay of the Market Coupling Session	email	16:30	13:30