

I-SEM Market Trial Detailed Run Sheet

Scenario 4 – Full Market Easy Functions

**Week 1 – DAM Submissions, Balancing Market
Submissions, IDA Submissions, Execution & Result
Publication**

Version 1.1

Introduction and Purpose

This document sets out the activities to be performed by market participants for Scenario 4, Week 1 of the Market Trial. This week is focused on the introduction of the uncoupled Intraday Auctions (IDA) alongside the running of the Balancing Market following an uncoupled Day-Ahead Market Auction (DAM) which will require all participants to submit their own Commercial Offer data into the DAM, IDA and BM throughout the week. Alongside these activities, the Intra Day Continuous Trading platform will also be available to market participants.

The Run Sheets are specific to each day of the week commencing on Monday 29th January 2018 through to Friday 2nd February 2018 and are formatted as follows:

Time:	This defines the time period during which the activity is due to take place. Where a specific time is shown this indicates the latest time for the activity
Participants:	This will detail the 'Actors' that should participate in the Activity, where this is not set to 'All' it will highlight the specific 'Actors' as defined in the Market Participant Guide Book
Activity:	This details the activity that the participants should perform during this time period
Inputs:	This details all of the inputs required for the defined activity
Outputs:	This details all outputs from the defined activity

Data Submissions to support Scenario 4

For Scenarios 1 through 3, the Market Trial team provided participants with pre-defined data submissions into both the Day Ahead and Balancing Markets; this was to allow the Market Trial Team to influence the data submissions whilst the systems were being established. From Scenario 4 onwards as previously advised to market participants, the responsibility for the creation and submission of data will be handed back to the participants to allow more realistic trading activity to be undertaken.

In order to provide successful outcomes for this and remaining scenarios the following principles should be followed:

1. Commercial Offer Data submitted to the Day Ahead market should be aligned as much as possible to the existing submissions to the Live SEM Market.
2. Trading in the Intra Day Market that is being introduced for this scenario is encouraged and should be based on the results of the DAM.
3. Commercial Offer Data submitted to the Balancing market should be based on individual trading strategies and should include both Pricing and forecast availability.
4. PN Submissions have until now been submitted to the balancing market containing a zero value therefore the initial PN submissions must take a start point of 0 and increase to a more realistic value for each required unit. Any subsequent PN submissions must maintain a continuous curve.
5. Initial PN Submissions are Mandatory for all dispatchable generators and must be submitted for every trading day prior to the 13:30 deadline (These can be submitted in advance for future trading days, if required).

6. Initial PN Submissions will also be required for trading days where there is currently no scripted activity (e.g. Friday through Sunday) and therefore these should be submitted in advance if not able to submit on the day.
7. Failure to submit mandatory PN's will result in the balancing market being unable to produce a schedule and therefore will impact on market results for all participants.

Market Trial Environment Availability

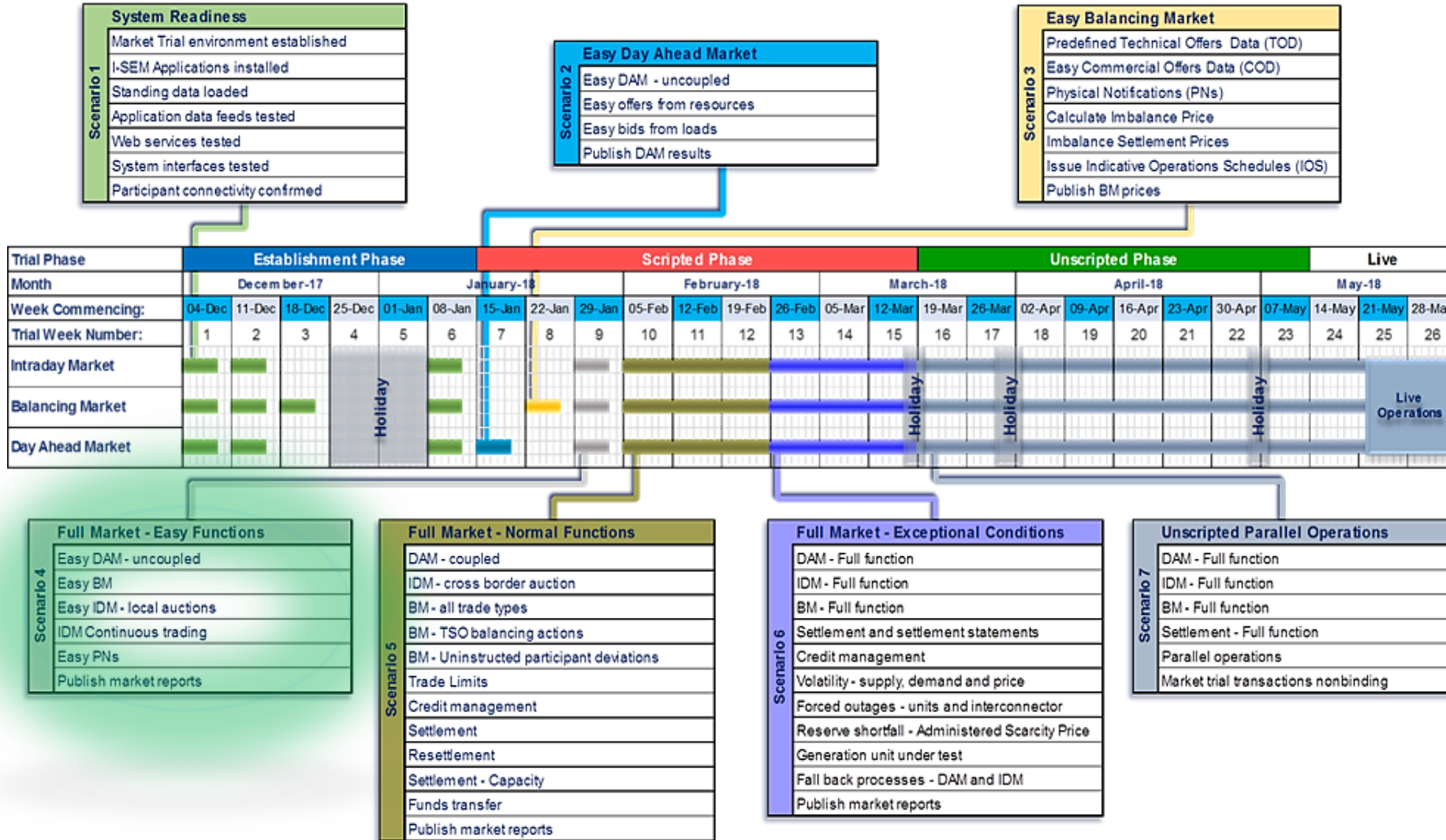
Note: In order to ensure that the Market Trial Environment is maintained and stable for the duration of the trial it will be necessary from time to time to refresh various elements of the environment. Wherever possible this will be done at a time to minimise any impact on the trial participants and as such we have built in contingency on Friday's throughout the trial for this activity when required. Any planned outages will be communicated on the Friday morning conference call.

Participant Conformance Testing

Note: It is appreciated that a number of the participant organisations are currently planning their own conformance testing with SEMOpX and therefore to avoid any conflicts with the scripted DAM submissions we would request that any planned conformance testing uses the next available Sunday as the Trade Date for such tests.

Market Trial Timeline

The chart below provides a visual summary of the Trial timeline



Day 1 – Monday 29th January 2018 – Execution of Full Market – Easy Functions

The planned activities for Monday 29th January are for all applicable participants to submit Commercial Offer Data to the Day Ahead Auction for the following trading day (as per Scenario 2) and also into the Balancing Market for the current and subsequent Trading Day for which the Day Ahead Auction has been completed (as per Scenario 3) and additionally into one of the Intraday Auctions (IDA3). All Commercial Offer data into the DAM must be submitted ahead of the DAM order book closure whilst submissions to the BM can happen throughout the current trading day.

As the IDA3 data submissions should be based on the results of the previous days DAM which is not available for today the IDA3 data submissions will just be a trial of the process to connect and submit data into IDA3. No IDA3 Auction will be run and the full end to end process will be established from Tuesday based on the outputs from Today’s DAM.

Day 1 - Monday 29th January 2018				
Time	Participants	Activity	Inputs	Outputs
09:30 - 10:00	All	Conference Call	MT Team provide briefing of the day’s activities and ensure that run sheet is available to all participants	Run Sheet Readiness to participate in Scenario
10:00 - 11:00	D-Gen O-Gen AU Sup DSU	DAM – Data Submissions Participants connect to SEMOpx and submit Bid / Offer Data	1. ETS Credentials for Market Trial 2. Commercial Offer Data submitted by participants	1. Successful Log-In 2. ETS System has returned a successful response
11:00	SEMOpx	Order Book Closes and DAM runs	1. Exchange Rate Report 2. Cross Border Capacity File 3. Commercial Offer Data submitted by participants	Preliminary DAM Results for TSO Approval
12:00	SEMOpx	Issue Confirmation and Publish Results	Approved DAM Results File	1. Confirmation Sent 2. Results are Published on ETS
13:00 – 14:00	D-Gen O-Gen AU Sup DSU	IDA3 – Data Submissions Participants connect to SEMOpx and submit Bid / Offer Data	1. ETS Credentials for Market Trial 2. Commercial Offer Data submitted by participants	1. Successful Log-In 2. ETS System has returned a successful response
13:30	D-Gen	BM – Data Submissions Participants connect to the Balancing Market Interface and submit Complex Commercial Offer Data.	1. BMI Application Credentials for Market Trial 2. Commercial Offer Data submitted by participants	1. Successful Log-In 2. MMS System has returned a successful response
13:30	D-Gen	BM – Physical Notifications Participants connect to the Balancing Market Interface and submit Physical Notifications	1. BMI Application Credentials for Market Trial 2. Physical Notifications submitted by participants	1. Successful Log-In 2. MMS System has returned a successful response

Day 1 - Monday 29th January 2018 (Continued)				
Time	Participants	Activity	Inputs	Outputs
15:30	ECC	Nominations File Generated by ECC and sent to MMS	Approved DAM Results Trade File	Nominations File Created and sent to MMS
16:00	All	BM – Market Results Available Participants connect to the Balancing Market Interface and download available reports	Balancing Market Run has completed and specified reports are available (See table below)	BM Reports are downloaded
16:30 - 17:00	All	Conference Call	Highlight any issues / concerns: Market Trial Team provides update on any issues and issue Run Sheets for next day	Market Participant Survey

Please note: Alongside these activities the Intra Day Continuous Trading platform will be available to market participants.

Balancing Market – Available Reports

Day 3 - Wednesday 24th January 2018 – Balancing Market Reports	
The Following subset of the Balancing Market Reports will be available to all registered participants during Scenario 3	
Report Identifier	Report Name
REPT_078	Aggregated Contracted Quantities for Generation
REPT_079	Aggregated Contracted Quantities for Demand
REPT_080	Aggregated Contracted Quantities for Wind
REPT_052	Physical Notifications
REPT_089	Final Physical Notifications
REPT_077	Aggregated Physical Notifications
REPT_001b	LTS Operational Schedule Report, Member Public
REPT_008	Imbalance Price Report
REPT_009	Imbalance Price Report (Imbalance Settlement Period)
REPT_050	Imbalance Price Supporting Information Report
REPT_041	Balancing & Imbalance Market Cost

Day 2 – Tuesday 30th January 2018 – Execution of Full Market – Easy Functions

The planned activities for Tuesday 30th January are for all applicable participants to submit Commercial Offer Data to the Day Ahead Auction for the following trading day (as per Scenario 2) and also into the Balancing Market for the current and subsequent Trading Day for which the Day Ahead Auction has been completed (as per Scenario 3) and additionally into one of the Intraday Auctions. All Commercial Offer data into the DAM and the IDA must be submitted ahead of the corresponding order book closure whilst submissions to the BM can happen throughout the current trading day.

Day 2 – Tuesday 30th January 2018				
Time	Participants	Activity	Inputs	Outputs
09:30 - 10:00	All	Conference Call	MT Team provide briefing of the day's activities and ensure that run sheet is available to all participants	Run Sheet Readiness to participate in Scenario
10:00 - 11:00	D-Gen O-Gen AU Sup DSU	DAM – Data Submissions Participants connect to SEMOpx and submit Bid / Offer Data	1. ETS Credentials for Market Trial 2. Commercial Offer Data submitted by participants	1. Successful Log-In 2. ETS System has returned a successful response
11:00	SEMOpX	Order Book Closes and DAM runs	1. Exchange Rate Report 2. Cross Border Capacity File 3. Commercial Offer Data submitted by participants	Preliminary DAM Results for TSO Approval
12:00	SEMOpX	Issue Confirmation and Publish Results	Approved DAM Results File	1. Confirmation Sent 2. Results are Published on ETS
13:00 – 14:00	D-Gen O-Gen AU Sup DSU	IDA3 – Data Submissions Participants connect to SEMOpx and submit Bid / Offer Data	1. ETS Credentials for Market Trial 2. Commercial Offer Data submitted by participants	1. Successful Log-In 2. ETS System has returned a successful response
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Day 2 - Tuesday 30th January 2018 (Continued)				
Time	Participants	Activity	Inputs	Outputs
13:30	D-Gen	BM – Physical Notifications Participants connect to the Balancing Market Interface and submit Physical Notifications	1. BMI Application Credentials for Market Trial 2. Physical Notifications submitted by participants	1. Successful Log-In 2. MMS System has returned a successful response
14:00	SEMOpX	IDA3 Order Book Closes and IDA3 Auction runs	1. Commercial Offer Data submitted by participants	IDA3 Market Results Produced
14:30	SEMOpX	IDA3 – Market Results Available Participants access SEMOpX client and download available reports	1. IDA3 Market Results	IDA3 Market Results Published
15:30	ECC	Nominations File Generated by ECC and sent to MMS	Approved DAM Results Trade File	Nominations File Created and sent to MMS
16:00	All	BM – Market Results Available Participants connect to the Balancing Market Interface and download available reports	Balancing Market Run has completed and specified reports are available (See table below)	BM Reports are downloaded
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Day 3 – Wednesday 31st January 2018 – Execution of Full Market – Easy Functions

The planned activities for Wednesday 31st January are for all applicable participants to submit Commercial Offer Data to the Day Ahead Auction for the following trading day (as per Scenario 2) and also into the Balancing Market for the current and subsequent Trading Day for which the Day Ahead Auction has been completed (as per Scenario 3) and additionally into one of the Intraday Auctions. All Commercial Offer data into the DAM and the IDA must be submitted ahead of the corresponding order book closure whilst submissions to the BM can happen throughout the current trading day.

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Time	Participants	Activity	Inputs	Outputs
09:30 - 10:00	All	Conference Call	MT Team provide briefing of the day's activities and ensure that run sheet is available to all participants	Run Sheet Readiness to participate in Scenario
10:00 - 11:00	D-Gen O-Gen AU Sup DSU	DAM – Data Submissions Participants connect to SEMOpx and submit Bid / Offer Data	1. ETS Credentials for Market Trial 2. Commercial Offer Data submitted by participants	1. Successful Log-In 2. ETS System has returned a successful response
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Day 3 - Wednesday 31st January 2018 (Continued)				
Time	Participants	Activity	Inputs	Outputs
13:30	D-Gen	BM – Physical Notifications Participants connect to the Balancing Market Interface and submit Physical Notifications	1. BMI Application Credentials for Market Trial 2. Physical Notifications submitted by participants	1. Successful Log-In 2. MMS System has returned a successful response
14:00	SEMOpX	IDA3 Order Book Closes and IDA3 Auction runs	1. Commercial Offer Data submitted by participants	IDA3 Market Results Produced
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Day 4 – Thursday 1st February 2018 – Execution of Full Market – Easy Functions

The planned activities for Thursday 1st February are for all applicable participants to submit Commercial Offer Data to the Day Ahead Auction for the following trading day (as per Scenario 2) and also into the Balancing Market for the current and subsequent Trading Day for which the Day Ahead Auction has been completed (as per Scenario 3) and additionally into one of the Intraday Auctions. All Commercial Offer data into the DAM and the IDA must be submitted ahead of the corresponding order book closure whilst submissions to the BM can happen throughout the current trading day.

Day 4- Thursday 1st February 2018				
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09:30 - 10:00	All	Conference Call	MT Team provide briefing of the day's activities and ensure that run sheet is available to all participants	Run Sheet Readiness to participate in Scenario
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Day 5 – Friday 2nd February 2018 – Weekly Conference Call

The planned activities for Friday 2nd February is for all participants to complete the Market Participant Survey and attend the weekly conference call to discuss the weeks activities and review all open issues from Scenario 4 prior to making the decision to progress to Scenario 5.

Day 5 - Friday 2nd February 2018				
Time	Participants	Activity	Inputs	Outputs
09:30 - 10:30	All	Conference Call	MT Team provides a briefing of the week's activities and discusses all relevant open issues. Decision Point to proceed to Scenario 5 Run Sheet for the week commencing Monday 5 th February 2018 will be discussed and issued	Decision to proceed to Scenario 4 Run Sheet Issued for week commencing 5 th February 2018 Market Participant Survey Completed
Prior to 13:30	D-Gen	BM – Physical Notifications Participants connect to the Balancing Market Interface and submit Physical Notifications Trade Date: Saturday, 3 rd February 2018	1. BMI Application Credentials for Market Trial 2. Physical Notifications submitted by participants	1. Successful Log-In 2. MMS System has returned a successful response
Prior to 13:30 on Sat, 3 rd Feb 2018	D-Gen	BM – Physical Notifications* Participants connect to the Balancing Market Interface and submit Physical Notifications for Trade Date: Sunday, 4 th February 2018	1. BMI Application Credentials for Market Trial 2. Physical Notifications submitted by participants	1. Successful Log-In 2. MMS System has returned a successful response
Prior to 13:30 on Sun, 4 th Feb 2018	D-Gen	BM – Physical Notifications* Participants connect to the Balancing Market Interface and submit Physical Notifications for Trade Date: Monday, 5 th February 2018	1. BMI Application Credentials for Market Trial 2. Physical Notifications submitted by participants	1. Successful Log-In 2. MMS System has returned a successful response

* Initial PN Submissions are required for trading days where there is currently no scripted activity (e.g. Friday through Sunday) and therefore these should be submitted in advance, if not able to submit on the day.

Please note: Alongside these activities the Intra Day Continuous Trading platform will be available to market participants.