

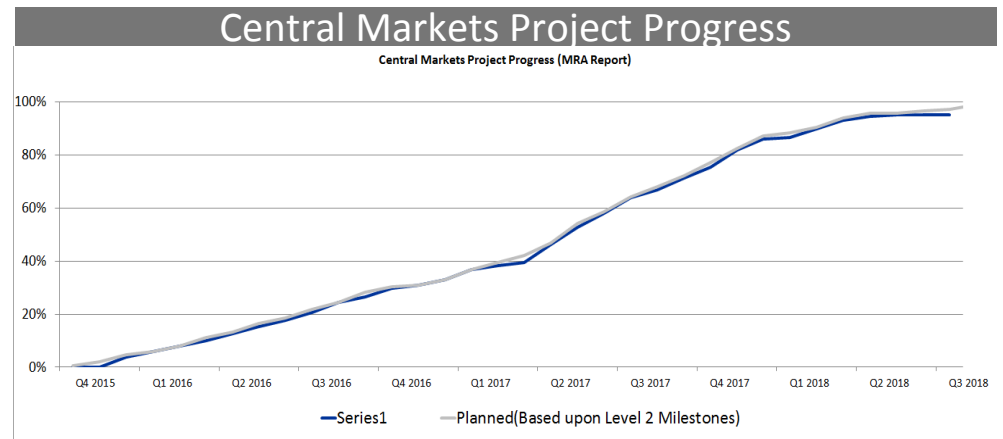
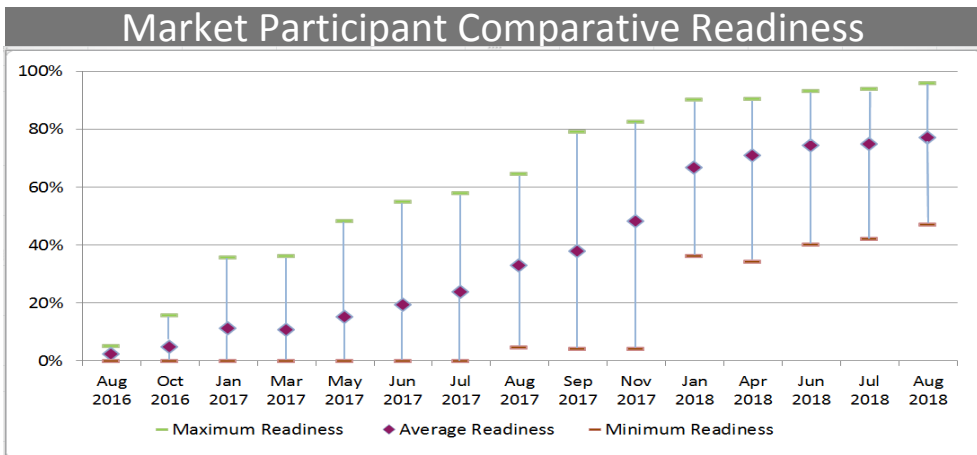
# Market Readiness Assessment Report 10-08-2018

## Comment

The overall picture of I-SEM Readiness looks good, across the entire industry. For each Market Participant Category, the readiness of each Market is reported as very advanced and on track for being ready for a 1 October 2018 Go-Live. None are reported as being at risk and although a limited number of criteria within a Market Participant Category are shown as being risk, none of these are assessed as being sufficient to put at risk the overall readiness for Go-Live. Likewise, although the introduction of the ROI Generator and Supplier Licences remains outstanding, whilst the ramifications of the Appeal Panel's recent decision are worked through, the Regulatory Authorities have advised that they do not consider the Appeal Panel's determination, or any actions which may be required as a result of it, will affect the I-SEM Go-Live date of 1 October 2018. As was the case in the previous survey, fewer impediments to individual Market Participants' readiness are noted in the survey returns, and these might now perhaps be better categorised as concerns. Those concerns are well known and largely relate to maximising the Market Trial experience; they continue to be worked through with Market Participants, receiving ongoing attention and discussion. Slippage in the certification of the Balancing Market Engine is once again noted as being of concern; however, this is now in the final throws of being completed, with a report due next week. Further, it is noted that certification is a requirement for Go-Live and not for the readiness of Market Participants. Other concerns noted are specific to a given Market Participant - for example, concerns regarding the performance of a specific vendor to have that particular Participant's systems completely ready for live-operations. Where appropriate, the TSOs continue to work closely with individual market participants to assist their understanding and mitigate the risks to their readiness associated with such concerns, for example by assisting a participant and its vendor's understanding of technical requirements.

Data Collection Period: 20.07.2018 - 27.07.2018

## Progress



## Readiness Status by Market and Market Participant Category

	Balancing Market & Imbalance Settlement	Day Ahead & Intraday Markets	Capacity Market	FTR Market
Market Participants (Unweighted Data)				
Market Participants (Weighted by Market Share)				
Interconnector Owners				
Meter Data Providers				
System Operators (incl. CM Delivery Body)				
Market Operator (incl. NEMOs)				
Agent of Last Resort (AoLR)				
Market Trial: Planning and Decision Making				

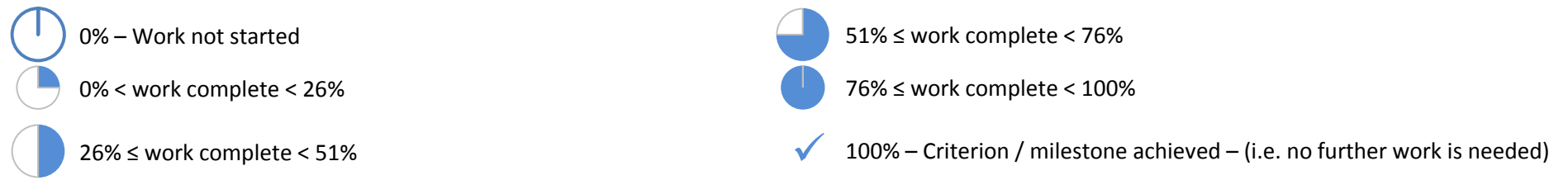
## Readiness of Legal and Contractual Framework: Central Components

			Rules				
Legislation	Licensing	Grid Code	TSC	AoLR	SEMOpX	CMC	HAR

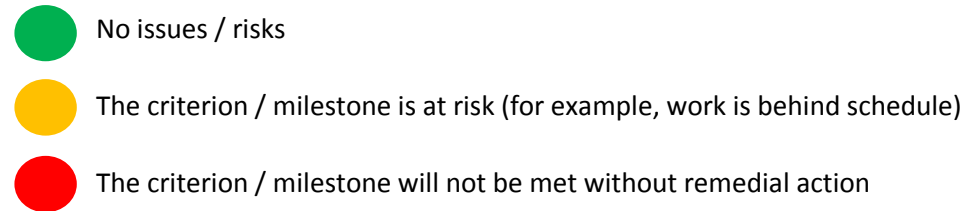
New Comments	Responses
<p>1) Participants are concerned that they've not had the minimum 6 weeks of Clean Market Trial as requested. Some Participants have advised that this is giving them cause for concern regarding their ability to confirm their readiness for Go-Live at the PMG on the 14th August.</p>	<p>The Market Trial has been running since early December 2017. The unscripted phase has been running since March 2018. The key metric that the project has been working towards has been 168 Hrs green across all markets which are measured on a daily scorecard. In the case of SEMOpX the trial has been running consistently green with only a few exceptions since June 18th. In the case of SEMO settlement 168 Hrs have been achieved and the Balancing Market has run 132 Hrs. Note that the TSOs are confident that the 168 Hour metric will be achieved which means that all three elements will run green for a week. TSO's Market Trial team has been working with participants to prioritise and resolve all technical issues with regard to Central Systems which impact on the participants' readiness.</p> <p>The requirement for a minimum of seven weeks of unscripted trialling with all of the priority defects fixed is fully understood and is being delivered. It was a key determinant in the SEMC's decision to extend the I-SEM Go-Live date to 1 October 2018 in order to provide that trialling to Market Participants. Milestone 175 "All Priority Defects Fixed and Deployed into Market Trial" was consequently introduced via Joint Change Request, JCR362, and subsequently this Milestone was achieved in advance of its 1 June 2018 baseline date. This earlier delivery allowed some time to bed down the systems, improve configurations, and manage data issues in advance of the minimum seven weeks of unscripted trialling commencing in June.</p>
<p>2) Participants are concerned that they're not able to fully complete end to end testing due to continuing instability surrounding Settlements and the quality of Settlement reports. This is causing delays in systems readiness for both the Participant and their Vendors.</p>	<p>We appreciate and understand the importance of delivering the settlement reports on time and with high quality. Where there has been a delay in the timing, the SEMO Market Trial team has communicated this openly and honestly through the Market Trial calls. Where an issue impacts the Market Participants, these are reported on in the Known Issues report and discussed in the MTCG and in face-to face meetings with Market Participants.</p> <p>The I-SEM Project has worked closely with the MPs and their third-party technology providers concerning any Known Issues with Settlement Reports. This is to minimise the impact of the Known Issue, thereby allowing MPs to continue with their E2E testing and Market Trialling efforts.</p> <p>Finally, we expect the final Known issues affecting Settlement reports to be resolved in an upcoming patch, scheduled for Tuesday 14 August 2018.</p>
<p>3) Some Participants have expressed concerns around definitive publication times for reports and SEMO bank details.</p>	<p>With respect to definitive publication times, the I-SEM Project has communicated this information via the Market Trial Technical Report Bulletin, now a part of the Weekly Consolidated Market Trial Report. We will provide an updated version of the report publication timings in the Report Bulletin in the next release, scheduled for 14 August 2018.</p> <p>We can confirm that the details for the Market Operator bank accounts (Account Name, IBAN, BIC/SWIFT) and the payment type for each, will be communicated to Participants by the 27/08/2018. If all Anti Money Laundering and Know Your Customer processes are completed by the bank before this date, we will of course provide these details to the Participants at an earlier date. Note that a block will be placed on payments into these accounts until 01/10/2018.</p>
<p>4) Participants are concerned about the impact Balancing Market Certification may have on readiness.</p>	<p>Certification of the Balancing Market Engine is a requirement for Go-Live and is now due to complete on 13 August 2018. Regarding readiness, it should be recognised that certification is a requirement for EirGrid's systems in production, in order to verify compliance of the market scheduling and pricing systems with the Market Rules. It is not a requirement for the readiness of Market Participants and therefore certification should not have any impact on participant readiness. Any compliance issues identified in certification testing which need fixing in the systems prior to certification being achieved will result in improvements to the systems to address; these will only be deployed into Market Trial once they have completed system end-to-end testing.</p>
<p>5) A number of Participants have advised that they have not yet fully completed M7 and ETS Conformance testing.</p>	<p>The I-SEM Project Front Office team, is now coordinating all API Conformance Testing with Members and liaising with EPEX. To date, all but one of the participants that have completed Conformance Testing have passed. The final date for Conformance Testing within the Market Trial is the 14th August. This has been communicated to all Participants.</p>
<p>6) ROI Generator and Supplier Licences are not yet effective. Awaiting RAs response to Appeal decision.</p>	<p>The Regulatory Authorities are reviewing the Appeal Panel's determination and considering the ramifications. The Regulatory Authorities plan to issue a communication in August, noting that they do not consider the Appeal Panel's determination, or any actions which are required following from it, to affect the I-SEM Go-Live date of 1 October 2018.</p>
<p>7) Some participants have expressed concern that the Market Trial has not been fully completed to meet the needs of the market and have requested a more detailed plan for the remainder of the Trial.</p>	<p>The Market Trial is being delivered according to the Market Participant Guide Version 4.0 which was republished in June. Runsheets which are 30 pages long are made available to Market Participants weekly. This gives a very detailed overview of the upcoming period. In addition, twice daily calls talk through any changes to the plan (Runsheet) and a consolidated report which includes detailed metrics is published each week. EirGrid is currently completing a number of exercises including Funds Transfer, Scarcity Pricing and Trading on behalf of, which were rescheduled from earlier in the Trial.</p>

## Harvey Balls & Risk and Issue Status Explanation

Harvey Balls are used to provide a visual summary to rapidly communicate status. The current status of progress towards the achievement of each criterion / milestone is assessed as being at one of the following stages summarised below:



Further, the Harvey Ball is coloured Green, Amber, or Red to summarise the severity of any risk or issues, either current or foreseen relating to the criterion: such issues might include, for example, concerns about the delivery schedule, or concerns about delivering the required functionality:



Readiness Status by Metric and Market Participant Category

Balancing Market & Imbalance Settlement		Market Participants	ICOs	MDPs	Transmission System Operators	Market Operator	EirGrid/SONI as AoLR
<b>Readiness Per Market Participant Category</b>							
A	Readiness of Business Strategy, Planning, and Financial Resources						
B	Readiness of Legal and Contractual Framework: Agreements and Contracts						
C	Readiness of Systems						
D	Readiness of Business Processes and Procedures						
E	Readiness of People and Organisation						
F	Readiness of IT infrastructure and Other Facilities						
G	Registration						
H	Market Trial: Preparation						
I	Market Trial: Management & Reporting						
J	Market Trial: Execution						
K	Deployment of back-end systems to support FTR market						
L	Deployment and Transition to live: Planning & central market processes and systems						
M	Deployment and Transition to live: Market Participants						

Comments		Responses
B1	Participants are concerned that they've not had the minimum 6 weeks of Clean Market Trial as requested. Some Participants have advised that this is giving them cause for concern regarding their ability to confirm their readiness for Go-Live at the PMG on the 14th August.	Please see the response detailed for Comment #1 on the Summary Page
B2	Participants are concerned that they're not able to fully complete end to end testing due to continuing instability surrounding Settlements and the quality of Settlement reports. This is causing delays in systems readiness for both the Participant and their Vendors.	Please see the response detailed for Comment #2 on the Summary Page
B3	Some Participants have expressed concerns around definitive publication times for reports and SEMO bank details.	Please see the response detailed for Comment #3 on the Summary Page
B4	Participants are concerned about the impact Balancing Market Certification may have on readiness.	Please see the response detailed for Comment #4 on the Summary Page

Readiness Status by Metric and Market Participant Category

Day-Ahead & Intraday Markets		Market Participants	ICOs	MDPs	Transmission System Operators	Market Operator (incl. Nemo)	EirGrid/SONI as AoLR
<b>Readiness Per Market Participant Category</b>							
A	Readiness of Business Strategy, Planning, and Financial Resources						
B	Readiness of Legal and Contractual Framework: Agreements and Contracts						
C	Readiness of Systems						
D	Readiness of Business Processes and Procedures						
E	Readiness of People and Organisation						
F	Readiness of IT infrastructure and Other Facilities						
G	Registration						
H	Market Trial: Preparation						
I	Market Trial: Management & Reporting						
J	Market Trial: Execution						
K	Deployment of back-end systems to support FTR market						
L	Deployment and Transition to live: Planning & central market processes and systems						
M	Deployment and Transition to live: Market Participants						

Comments		Responses
D1	A number of Participants have advised that they have not yet fully completed M7 and ETS Conformance testing.	Please see the response detailed for Comment #5 on the Summary Page
D2	Some participants have expressed concern that the Market Trial has not been fully completed to meet the needs of the market and have requested a more detailed plan for the remainder of the Trial.	Please see the response detailed for Comment #7 on the Summary Page

Readiness Status by Metric and Market Participant Category

Capacity Market		Market Participants	ICOs	MDPs	System Operators (incl. CM Delivery Body)	Market Operator (incl. Nemo)	EirGrid/SONI as AoLR
<b>Readiness Per Market Participant Category</b>							
A	Readiness of Business Strategy, Planning, and Financial Resources						
B	Readiness of Legal and Contractual Framework: Agreements and Contracts						
C	Readiness of Systems						
D	Readiness of Business Processes and Procedures						
E	Readiness of People and Organisation						
F	Readiness of IT infrastructure and Other Facilities						
G	Registration						
H	Market Trial/Mock Auction: Preparation						
I	Market Trial/Mock Auction: Management & Reporting						
J	Market Trial/Mock Auction: Execution						
K	Deployment of back-end systems to support FTR market						
L	Deployment and Transition to live: Planning & central market processes and systems						
M	Deployment and Transition to live: Market Participants						

Comments

Responses

Financial Transmission Rights Market		Market Participants	ICOs	MDPs	Transmission System Operators	Market Operator	EirGrid/SONI as AoLR
<b>Readiness Per Market Participant Category</b>							
A	Readiness of Business Strategy, Planning, and Financial Resources						
B	Readiness of Legal and Contractual Framework: Agreements and Contracts						
C	Readiness of Systems						
D	Readiness of Business Processes and Procedures						
E	Readiness of People and Organisation				✓		
F	Readiness of IT infrastructure and Other Facilities				✓		
G	Registration		✓				
H	Trial/Mock Auction: Preparation		✓		✓		
I	Trial/Mock Auction: Management & Reporting						
J	Trial/Mock Auction: Execution				✓		
K	Deployment of back-end systems to support FTR market						
L	Deployment and Transition to live: Planning & central market processes and systems						
M	Deployment and Transition to live: Market Participants						

Comments		Responses
F1	All Harvey Balls are "green"; No specific comments are noted.	