

## Project Milestones- Market Participant 5-Minute Self-Forecast

The following table outlines the timeline for AEMOs API implementation and integration into Dispatch for this project, including indicative times for communication of design documentation and system implementations.

Target Date	Milestone	Action	Description	Implication for participants
<b>July 2018</b>	API Design Document	Document release	<ul style="list-style-type: none"> <li>AEMO to release API technical details via the AEMO API portal (<a href="https://apiportal.prod.aemo.com.au">https://apiportal.prod.aemo.com.au</a>).</li> </ul>	<ul style="list-style-type: none"> <li>Participants will be able to start building their systems to interface with the AEMO API.</li> </ul>
	Implement API in Pre-production	System implementation	<ul style="list-style-type: none"> <li>Participants will be able to start testing that they can interface with AEMOs API in the Pre-production environment (<a href="https://apiportal.preprod.aemo.com.au">https://apiportal.preprod.aemo.com.au</a>).</li> </ul>	<ul style="list-style-type: none"> <li>Note, at this point the API will not be integrated with AEMOs Dispatch systems. However, participants will be able to (a) prove that they can interface with AEMOs systems by submitting forecasts via the API and (b) perform offline analysis to compare the MP5F with AEMOs AWEFS/ ASEFS forecasts.</li> </ul>
	Draft criteria for Participant Forecast assessment	Document release and invitation to comment	<ul style="list-style-type: none"> <li>AEMO will release a draft document containing the minimum set of criteria that each forecast would need to pass before being integrated into AEMO's Dispatch system.</li> </ul>	<ul style="list-style-type: none"> <li>Participants will be given the opportunity to comment on the draft document.</li> </ul>
	Technical Specification with Participant Data Model design	Document release	<ul style="list-style-type: none"> <li>The participant data model is a definition of the interface to participants of data published by AEMO from the NEM system. This document will describe changes to the participant data model as a result of this project (i.e. updates to database tables, etc).</li> </ul>	<ul style="list-style-type: none"> <li>Final specifications of the participant data model available.</li> </ul>

<b>August 2018</b>	Implement API in production	System implementation	<ul style="list-style-type: none"> <li>Participants will be able to interface with AEMOs API in the Production environment (<a href="https://apiportal.prod.aemo.com.au">https://apiportal.prod.aemo.com.au</a>).</li> </ul>	<ul style="list-style-type: none"> <li>Note, at this point the API will not be integrated with AEMOs Dispatch systems. However, participants will be able to (a) prove that they can interface with AEMOs systems by submitting forecasts via the API and (b) perform offline analysis to compare the MP5F with AEMOs AWEFS/ ASEFS forecasts.</li> </ul>
<b>October 2018</b>	Final criteria for Participant Forecast assessment	Document release	<ul style="list-style-type: none"> <li>AEMO will release the final set of criteria that each forecast would need to pass before being integrated into AEMO's Dispatch system. This will incorporate feedback received from the draft criteria released in July 2018.</li> </ul>	<ul style="list-style-type: none"> <li>Final criteria available for how forecasts will be assessed before being fed into AEMO Dispatch systems.</li> </ul>
	Implement Dispatch Integration and Reporting in pre-production	System implementation	<ul style="list-style-type: none"> <li>Forecasts that are submitted via the API (Pre-production) will flow through for use in Dispatch in the Pre-production environment.</li> </ul>	<ul style="list-style-type: none"> <li>Participants will be able to submit forecasts via the API in the Pre-production environment and have that flow through to the NEM Dispatch Engine to inform availability for Semi-Scheduled plant in the Pre-production (test) environment.</li> </ul>
<b>November 2018</b>	Implement Dispatch Integration and Reporting in production	System implementation	<ul style="list-style-type: none"> <li>This is the final stage to bringing the system in to live operation.</li> <li>Forecasts that are submitted via the API (Production) may be used in Dispatch in the Production environment. Forecasts will only be used in Dispatch (Production) after they pass the criteria laid out in the 'Final criteria for Participant Forecast assessment' released in October 2018.</li> <li>AEMO encourages participants to perform MP5F testing and tuning from July 2018 in preparation for the Dispatch integration in November 2018.</li> </ul>	<ul style="list-style-type: none"> <li>The API will be integrated into the NEM Dispatch engine in the operational environment (Production). If the participant forecast has passed all AEMO's assessment criteria, participants will be able to submit forecasts via the API and have that flow through to the NEM Dispatch Engine to inform availability for Semi-Scheduled plant in the Production (live) environment.</li> </ul>