Project Milestones- Market Participant 5-Minute Self-Forecast

As at 13 November 2018

The following table outlines the timeline for AEMO's 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
July 2018	API Design Document	Document release	• AEMO to release API technical details via the AEMO API portal (https://apiportal.prod.aemo.com.au).	• Participants will be able to start building their systems to interface with the AEMO Dispatch API.
	Implement Dispatch API in Pre-Production	System implementation	• Participants will be able to start testing that they can interface with AEMO's Dispatch API in the Pre-Production environment (https://apiportal.preprod.aemo.com.au).	**In Pre-Production:** • Participants will be able to (a) prove that they can interface with AEMO's systems by submitting forecasts via the Dispatch API and (b) perform offline analysis to compare the participant forecasts with AEMO's AWEFS/ASEFS forecasts. • However, the participant forecasts are not integrated with AEMO's Dispatch systems at this point.
	Draft "Semi-Scheduled Generation Self-Forecast – Assessment Procedure"	Document release and invitation to comment	• AEMO will release a draft document containing the minimum set of criteria that each participant forecast would need to pass before being integrated into AEMO's Dispatch system.	• Participants will be given the opportunity to comment on the draft document.
	Draft Participant Data Model design	Document release	• The participant data model is a definition of the interface to participants of data published by AEMO from the NEM system. This draft document will describe changes to the participant data model as a result of this project (i.e. updates to database tables, etc).	• Draft design of the participant data model available.

August 2018	Implement Dispatch API in Production	System implementation	• Participants will be able to interface with AEMO's Dispatch API in the Production environment (https://apiportal.prod.aemo.com.au).	**In Production:** • Participants will be able to (a) prove that they can interface with AEMO's systems by submitting forecasts via the Dispatch API and (b) perform offline analysis to compare the participant forecasts with AEMO's AWEFS/ASEFS forecasts. • However, the participant forecasts are not integrated with AEMO's Dispatch systems at this stage.
September 2018	Technical Specification with Participant Data Model design	Document release	• 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, reports, etc).	• Technical specifications of the participant data model and associated reports available.
November 2018	Second Draft "Semi-Scheduled Generation Self-Forecast – Assessment Procedure"	Document release and invitation to comment	• AEMO will release a second draft document containing the minimum set of criteria that each participant forecast would need to pass before being integrated into AEMO's Dispatch system.	• Participants will be given the opportunity to comment on the second draft document.
December 2018	Final "Semi-Scheduled Generation Self-Forecast – Assessment Procedure"	Document release	• AEMO will release the final set of criteria that participant forecast would need to pass before being integrated into AEMO's Dispatch system. This will incorporate feedback received from the draft criteria.	• Final criteria available for how participant forecasts will be assessed before being fed into AEMO Dispatch systems.
	Participant Data Model in Pre-Production	System implementation	• Participants will be able to interface with the participant data model in the Pre-Production environment	**In Pre-Production:** • Participants will be able to confidentially view their own forecasts on the day, while everyone else would be able to see both participant and AWEFS/ASEFS forecasts the next trading day. • However, the participant forecasts are not integrated with AEMO's Dispatch systems at this point.

	Implement Dispatch Integration and Reporting in Pre-Production	System implementation	• Forecasts that are submitted via the Dispatch API (Pre-production) will flow through for use in Dispatch in the Pre-production environment.	**In Pre-Production:**
				• Participants will be able to submit forecasts via the Dispatch API and have those forecasts used in the AEMO Dispatch systems.
				• All participants will be able to view:
				  ○ After each Dispatch run, whether Dispatch used the Participant forecast, the AWEFS/ASEFS forecast or (by default) SCADA
				  ○ Next trading day, also the Forecast MW of the forecast used in Dispatch.

January 2019	Participant Data Model on Production	System implementation	• Participants will be able to interface with the participant data model in the Production environment	**In Production:** • Participants will be able to confidentially view their own forecasts on the day, while everyone else would be able to see both participant and AWEFS/ASEFS forecasts the next trading day. • However, the participant forecasts are not integrated with AEMO's Dispatch systems at this point.

	Implement Dispatch Integration and Reporting in Production	System implementation	• This is the final stage to bringing the system into live operation.
			• Forecasts that are submitted via the Dispatch 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 "Semi-Scheduled Generation Self-Forecast - Assessment Procedure" released in October 2018.
			• AEMO encourages participants to perform participant forecast testing and tuning from July 2018 in preparation for the Dispatch integration in January 2019.
				In Production:
				• Participants will be able to submit forecasts via the Dispatch API and have those forecasts used in the AEMO Dispatch systems.
				• All participants will be able to view:
				  ○ After each Dispatch run, whether Dispatch used the participant forecast, the AWEFS/ASEFS forecast or (by default) SCADA
				  ○ Next trading day, also the Forecast MW of the forecast used in Dispatch