Classification	DER Roadmap Integration Activities	Priority	2021 Q1			2021 Q2			2021 Q3			2021 Q4		
		Rank	J	F	M	Α	M	J	J	A	S	0	N	E
Stakeholder Engagement	DER Progress Updates Share progress on activities, other interrelated initiatives and address stakeholder questions.			Е			Е			Е			E	
Reliability	Data													
	Develop a platform to receive standardized DER static data	М	С			•	I	•	•					
	Assess and implement minimum SCADA data trigger level	Н						I		•				
	Forecasting													
	Forecast DER by technology type	Н		L	ı	С			-1					
	Forecast DER gross generation and gross load separately (AESO internal activity)	L	С								ı			
	Geographical forecast of DER sizes at the POD level (AESO internal activity)	L	Scheduled for 2023											
	Near term/real time forecast to incorporate meteorological data into DER and variable generation (AESO internal activity)	М												
	Enhance AESO forecasting processes and incorporate DFO DER forecast information where appropriate	М	Complete											
	End-to-end forecasting process review from LTO to real time (AESO internal activity)	М	Complete											
	Modelling													
	Energy storage model	Н	Progress will be aligned with AESO Energy Storage Roadmap Schedule – see Phase 2 Long-term Implementation activities											
	Incorporate DFO advancement in real time DER modelling	L	Complete											
	DER model directly connected at 25 kV bus	Н			I									
	Assess feeder impedance to be included into DER models	Н			I									
	Connection Process													

	Review and update the AESO BTF Process - Complete	Н	Complete												
	Coordinated Planning														
	Enhance Transmission planning process in coordination with Transmission/Distribution (Tx/Dx) coordinated planning framework	Н	С												
	Coordinated Operation														
	Incorporate DER into net demand forecasting process (AESO internal activity)	Н						I							
	Enhance real-time operator's supply/demand requirements and displays (AESO internal activity)	М										С	ı		
	Determine DER Trigger on Significant Outage Coordination	Н	A										С		
	Technical Interconnection Requirement														
	Voltage and frequency ride-through requirement	Н	С						I						
	UFLS program	L	Complete												
	Transmission protection and control coordination	М	c c						I						
	Islanding and anti-islanding coordination	М					I								
	Restoration coordination	L					С					I			
	Commissioning and testing requirements	L						С				- 1			
	Cybersecurity requirements	L	С										I		
Market Efficiency	Market Participation and Aggregation	М	Progress will be aligned with AESO Market Related Initiative Time							<u>Fimelin</u>	<u>1e</u>				
	Evaluate and assess options that encourage DER market participation														
Tariff	Tariff Evolve tariff framework that drives effective long-term price signals that encourage efficient use of the Tx and Dx system	М	Progress will be aligned with <u>Bulk and Regional Tariff Design</u>												

Engagement (E)DER Roadmap Priority Rank: H= High Priority, M= Medium Priority, L= Low Priority

The completed phases and planned phases outside of this 12 month period are not shown.