

Classification	DER Roadmap Integration Activities	Priority Rank	2021 Q3			2021 Q4			2022 Q1			2022 Q2		
			J	A	S	O	N	D	J	F	M	A	M	J
Stakeholder Engagement	DER Progress Updates Share progress on activities, other interrelated initiatives and address stakeholder questions.				E			E			E			E
Reliability	Data													
	Assess and implement minimum SCADA data trigger level	H	I											
	Forecasting													
	Forecast DER gross generation and gross load separately (AESO internal activity)	L							C			I		
	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)	M	Complete											
	Modelling													
	Energy storage model	H	Progress will be aligned with AESO Energy Storage – see Phase 2 Long-term Implementation activities											
	DER model directly connected at 25 kV bus	H	Complete											
	Assess feeder impedance to be included into DER models	H	Complete											
	Coordinated Planning													
	Enhance Transmission planning process in coordination with Transmission/Distribution (Tx/Dx) coordinated planning framework	H	Progress will be aligned with Tx/Dx Initiative											
	Coordinated Operation													
	Incorporate DER into net demand forecasting process (AESO internal activity)	H	I											
	Enhance real-time operator's supply/demand requirements and displays (AESO internal activity)	M							C	I				
Determine DER Trigger on Significant Outage Coordination	H	Complete												

	Technical Interconnection Requirement																				
	Voltage and frequency ride-through requirement	H	I																		
	Transmission protection and control coordination – Effective Grounding	M	C				I														
	Islanding and anti-islanding coordination	M	C				I														
	Restoration coordination	L						C													
	Commissioning and testing requirements	L	C				I														
	Cybersecurity requirements	L	C				I														
Market Efficiency	Market Participation and Aggregation Evaluate and assess options that encourage DER market participation	M	Progress will be aligned with 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	M	Progress will be aligned with Bulk and Regional Tariff Design																		

DER Roadmap Implementation Phases: Analysis (A), Conception (C), Development (D), Regulatory (R) Implementation (I), 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.