

Classification	DER Roadmap Integration Activities	Priority Rank	2020 Q3			2020Q4			2021 Q1			2021 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														
	Develop a platform to receive standardized DER static data	M	C						I						
	Assess minimum SCADA data trigger level	H	C						I						
	Forecasting														
	Forecast DER by technology type	H	C												
	Forecast DER gross generation and gross load separately (ASESO internal activity)	L							C						
	Geographical forecast of DER sizes at the POD level (internal activity)	L							C						
	Near term/real time forecast to incorporate meteorological data into DER and variable generation (internal activity)	M	I												
	Enhance AESO forecasting processes and incorporate DFO DER forecast information where appropriate	M	C									I			
	End-to-end forecasting process review from LTO to real time (internal activity)	M	I												
	Modelling														
	Energy storage model	H	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	C						I							

DER model directly connected at 25 kV bus	H	C	I								
Assess feeder impedance to be included into DER models	H	C	I								
Connection Process											
Review and update the AESO BTF Process	H	C	I								
Coordinated Planning											
Enhance Transmission planning process in coordination with DFO/TFO coordinated planning framework	H	C	I								
Coordinate Operation											
Incorporate DER into net demand forecasting process (internal activity)	H	I									
Enhance real-time operator's supply/demand requirements and displays (internal activity)	M									I	
Determine DER Trigger on Significant Outage Coordination	H	A	C								
Technical Interconnection Requirement											
Voltage and frequency ride-through requirement	H	C	I								
UFLS program	L	I									
Transmission protection and control coordination	M	C	I								
Islanding and anti-islanding coordination	M	C	I								
Restoration coordination	L									C	
Commissioning and testing requirements	L									C	
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 AESO Market Related Initiative Timeline
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 align with Bulk and Regional Tariff Design