



Five-minute settlement and global settlement

September 2020

Market Readiness Report - Round 3

Background

To monitor the industry's level of readiness for the various SMS and GS transitional activities and commencements, AEMO will co-ordinate readiness reporting across the industry in accordance with the Readiness Reporting Plan.¹ NEM participants are invited to submit readiness information on a periodic basis through a Readiness Assessment Questionnaire. The results from these surveys are presented in this Market Readiness Report.

Readiness criteria

Participants' level of readiness will be assessed through general readiness criteria, specific readiness criteria, and also their status against the Metering Transition Plan (MTP).²

Criteria	Overview	Response options	Results presentation
General Readiness Criteria	Criteria related to the level of program establishment of participant programs.	Participants are asked to provide Yes / No responses to a set of program establishment questions e.g. if funding is secured.	All Yes and No responses are presented in a bar chart. All responses are unweighted.
Specific Readiness Criteria	Criteria that tracks the implementation of specific market commencement requirements for each participant type. Hence, each participant type will have their own set of specific readiness criteria e.g. generators' ability to submit 5 min bids by 1 October 2021, retailers ability to receive and reconcile 5 minute data.	Participants (including AEMO) are asked to report their status towards fulfilling these requirements by market commencement (on track, at risk or late), and also report on progress in 25% increments.	Participants' status and progression towards specific criteria are illustrated in a bar chart. Each segment of the bar represents 25% progress. The bar will progressively fill with solid colours as the criteria is completed. The bar chart will be coloured red, amber or green based on if the criteria is on track, at risk or late. All responses are unweighted.
Metering Transition Plan Status	Status monitoring of defined activities in the MTP. The MTP outlines the expected activities, responsibilities, timeframes, as well as other necessary elements required for completion of the SMS and GS metering transition.	Participants are asked to provide their status towards completing activities by the transition end date for each defined sub-category in the MTP (Complete, On track (started), On track (not started), At risk, Late, n/a). Given that a sub-category has multiple activities supported by various participant types, respondents were only expected to provide status reporting for activities that were relevant to their participant type.	All responses are presented in a bar chart. All responses are unweighted.

Participant industry coverage

The approach to gauging industry coverage for each readiness report is described below for each participant type.

Participant type	Industry coverage methodology	Data source
Generator	Generator respondents' capacity / NEM capacity	AER 2019 state of the market report - generation capacity data
Retailer	Retailer respondents' settlement vol. / NEM vol.	AEMO settlement data - 2019 calendar year
MP	MP respondents' total type 1-4 NMIs/ total type 1-4 NMIs	AEMO metering data
MDP	MDP respondents' total type 1-4 NMIs/ total type 1-4 NMIs	AEMO metering data
MC	MC respondents' total type 1-4 NMIs/ total type 1-4 NMIs	AEMO metering data
DNSP	Number of DNSPs survey respondents / Total DNSPs	AER 2019 state of the market report - DNSP data
TNSP	Number of TNSPs survey respondents / Total TNSPs	AER 2019 state of the market report - TNSP data

¹ Readiness documents, including the Industry Readiness Reporting Plan, and Metering Transition Plan can be accessed at: <https://www.aemo.com.au/initiatives/major-programs/nem-five-minute-settlement-program-and-global-settlement/readiness-workstream/key-readiness-documents>

² Ibid

Essential industry capabilities for SMS and GS commencements

The essential minimum capabilities for SMS and GS commencements are described below for each relevant participant type.

Essential capability	Relevant participant	Reporting Criteria
Generators and MNSPs are able to submit 5-min offers	Generators / MNSPs	a) Generators representing >80% of regional load are responding to Industry Readiness Surveys, and; b) Generators representing >80% of regional load are reporting 'On-track' to be able to submit 5-minute granularity offers
All essential meters* are able to produce and store 5-min data	MPs	a) 100% of MPs associated to essential metering are responding to Industry Readiness Surveys, and; b) 100% of MPs associated to essential metering are reporting 'On-track' for all applicable MTP activities
All essential meters* are able to produce and store 5-min data	MCs	a) 100% of MCs associated to essential metering are responding to Industry Readiness Surveys, and; b) 100% of MCs associated to essential metering are reporting 'On-track' for all applicable MTP activities
All essential meters* are able to deliver 5-min metering data	MDPs	a) 100% of MDPs associated to essential metering are responding to Industry Readiness Surveys, and; b) 100% of MDPs associated to essential metering are reporting 'On-track' for all applicable MTP activities (S01)
The 5-minute bidding and dispatch solution, including the web bidding interface is deployed	AEMO	a) AEMO reporting 'On-track' for all Bidding/Dispatch reporting criteria and milestones
The Metering Data Management (MDM) solution is deployed	AEMO	a) AEMO reporting 'On-track' for all MDM Milestones
The 5-minute settlements solution is deployed	AEMO	a) AEMO reporting 'On-track' for all Settlement Milestones

Disclaimer

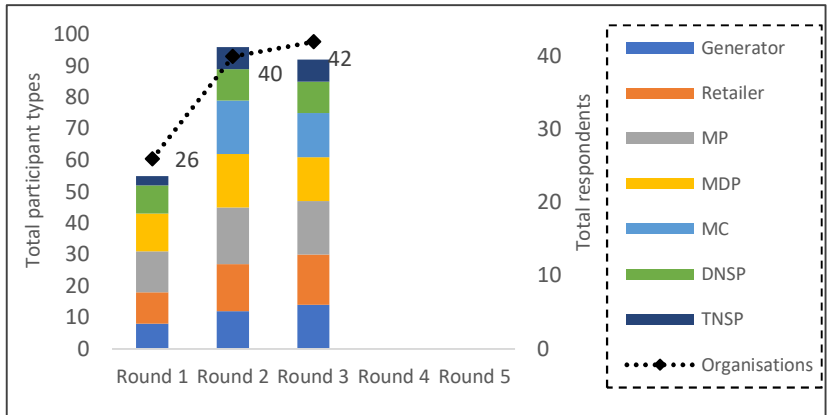
This market readiness report has been prepared by AEMO at the request of the industry for the purpose of tracking and monitoring the industry's level of readiness for SMS and GS. This report contains self-reported readiness information provided by participants, and may not be free from errors or omissions. Accordingly, to the maximum extent permitted by law, AEMO makes no representation or warranty, express or implied, as to the currency, accuracy, reliability or completeness of the information published here; and are not liable (whether by reason of negligence or otherwise) for any statements, opinions or other matters contained in or derived from this information, or any omissions from it, or in respect of a person's use of the information.

5MS GS Market Readiness Report - Round 3

Submissions

Strong survey coverage, with 42 respondents representing 95-100% of the industry. Response rate across all participant types provides representative industry coverage.

	This round	Prev. round	Δ (#)	Trend
Respondents	42	40	2	↑
Participant types	92	96	-4	↓
Generator	14	12	2	↑
Retailer	16	15	1	↑
MP	17	18	-1	↓
MDP	14	17	-3	↓
MC	14	17	-3	↓
DNSP	10	10	0	-
TNSP	7	7	0	-



Industry coverage

	% Industry coverage	Industry coverage methodology
Generator	95.1%	Generator respondents' capacity / NEM capacity
Retailer	97.6%	Retailer respondents' settlement vol. / NEM vol.
MP	99.8%	MP respondents' total type 1-4 NMIs/ total type 1-4 NMIs
MDP	99.9%	MDP respondents' total type 1-4 NMIs/ total type 1-4 NMIs
MC	99.7%	MC respondents' total type 1-4 NMIs/ total type 1-4 NMIs
DNSP	100%	Number of DNSP survey respondents / Total DNSPs
TNSP	100%	Number of TNSP survey respondents / Total TNSPs

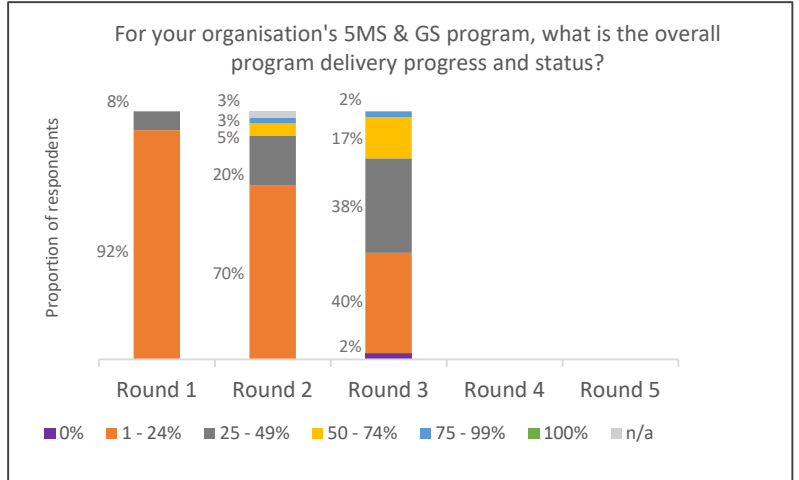
#	Topic	Observation / Actions
1	Response rate, All participant types	A total of 42 organisations responded to the third round of readiness reporting, representing an even mix of participant types. Response rate across all participant types provides representative industry coverage.
2	Response rate, All participant types	Coverage across the industry for all participant types ranges from 95% to 100%. This exceeds the 80% coverage threshold for reporting against essential criteria.
3	Decrease in Participant Numbers	Although number of respondent organisations increased by 2 there was a reduction in MP, MDP and MC responses, due to 3-4 organisations responding as MP, MDP and MC in the previous round but not this round. Any impacts are expected to be identified at the specific criteria level rather than at the overall program level. Action: AEMO to follow up with participants that are not representing all of their organisations participant types.

5MS GS Market Readiness Report - Round 3

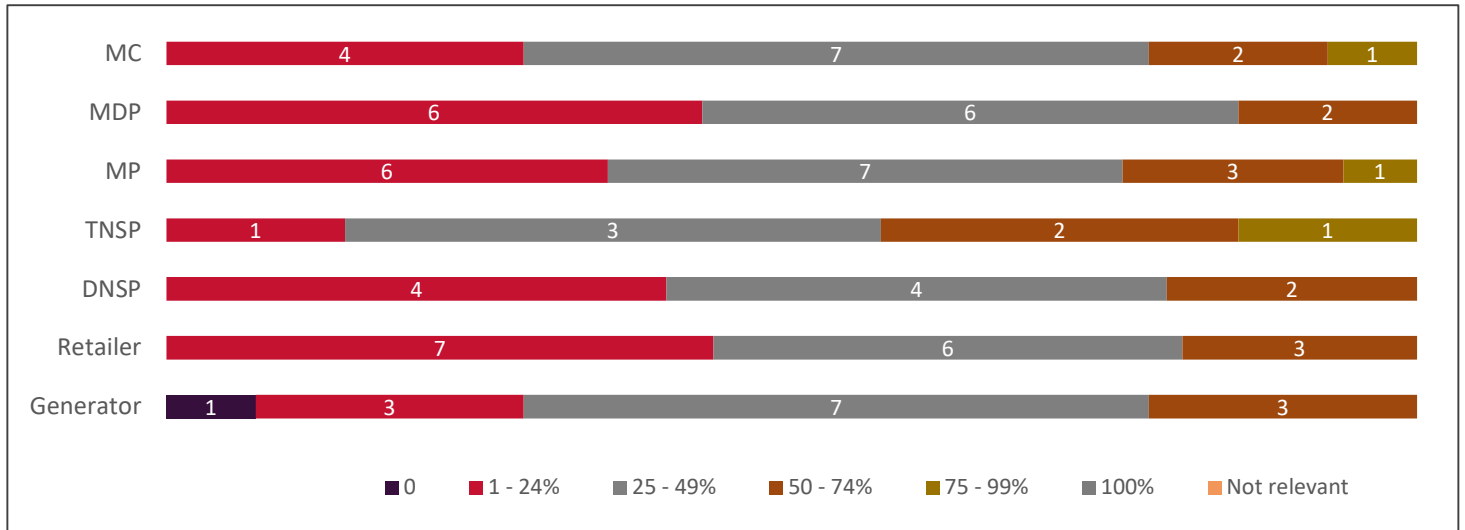
Overall program delivery progression, by reporting round

Although there has been a significant shift in progress reported between survey two and three, with more than half of respondents now focused on implementation, there are still 42 % of respondents in the scoping and design phase of their programs. All except one respondents noted that they are on track.

	Round 1	Round 2	Round 3	Round 4	Round 5
0%	0%	0%	2%		
1 - 24%	92%	70%	40%		
25 - 49%	8%	20%	38%		
50 - 74%	0%	5%	17%		
75 - 99%	0%	3%	2%		
100%	0%	0%	0%		
n/a	0%	3%	0%		
Total	100%	100%	100%		



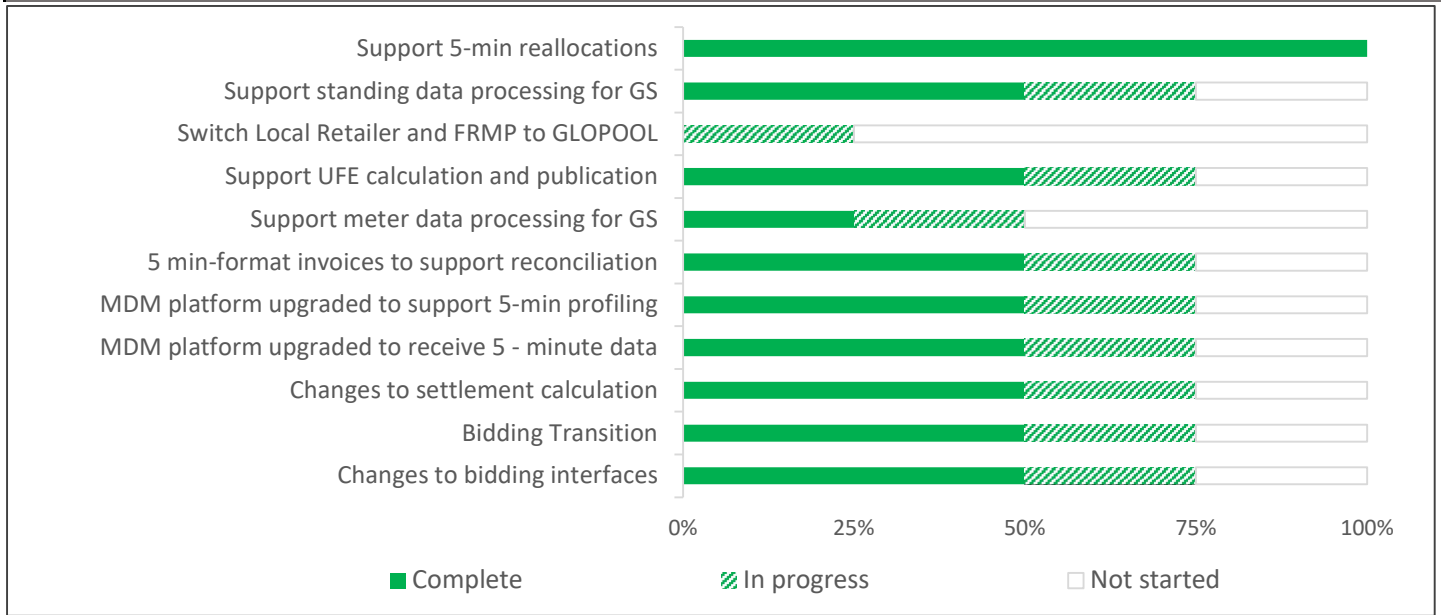
Participants' overall program delivery progression, by participant type - Round 3



#	Topic	Observation / Actions
4	Overall Participant Program Progress	Although there has been a significant shift in progress reported between survey two and three, with more than half of respondents now focused on implementation, there are still 42 % of respondents in the scoping and design phase of their programs.
5	Overall Participant Program Status	Participants overall are reporting that they are on track, reflecting replanning activity against the deferred rule commencement dates. One organisation flagged that their overall program is 'late', noting that they were impacted by the AEMC's deferral decision. Action: AEMO to follow up to understand 'late' status and establish level of remediation expected

5MS GS Market Readiness Report - Round 3

AEMO Readiness Criteria



#	Topic	Observation / Actions
6	AEMO Readiness Criteria	AEMO is on track to deliver the market systems, and has completed development milestones over this period. However, pressures remain on the delivery schedule, with regards to the execution of systems testing within the scheduled timeframes. Focus of the program is now on system testing and AEMO business readiness.

5MS GS Essential Industry Capabilities

Essential capability	Relevant participants	Reporting criteria met	Number of participants					
			On-Track	At-Risk	Late	Not responded	Remediation Plan?	Escalation Required?
Generators and MNSPs are able to submit 5-min offers	Generators / MNSPs	No	11	1	2	6	No	No
All essential meters* are able to produce and store 5-min data	MPs	Yes	10	0	0	0	No	No
All essential meters* are able to produce and store 5-min data	MCs	Yes	14	0	0	0	No	No
All essential meters* are able to deliver 5-min metering data	MDPs	Yes	3	0	0	0	No	No
The 5-minute bidding and dispatch solution is deployed, including the web bidding interface	AEMO	Yes	1	0	0	0	No	No
The Metering Data Management (MDM) solution is deployed	AEMO	Yes	1	0	0	0	No	No
The 5-minute settlements solution is deployed	AEMO	Yes	1	0	0	0	No	No

* Essential meters are defined as transmission connected types 1-4 meters

* Please see background section at the start of this report for more information on the reporting criteria for essential industry capabilities

#	Topic	Observation / Actions
7	Submit 5 min offers, Generators	Two generators reported late, and one reported that their readiness to submit 5-min offers is at risk. Action: AEMO to establish with generators 'at risk' and 'late' if a remediation plan or escalation is required at present, given the timeframe remaining until 5 MS rule commencement.
8	Submit 5 min offers, Generators	Six generators that contribute materially (>1%) to NEM regions did not respond to the survey. However, generators that responded in Round 3 represent over 80% of capacity and load in each NEM region (using 2019 data), therefore satisfying the coverage criteria.
9	Essential meters, MP	All MPs, MDPs, and MCs are reporting on track. However, two participants reported 'on-track' but not started. However activities in S01 and S13 should have been commenced according to the defined MTP transition windows. Action: AEMO to follow up with MPs that should have commenced metering transition activities to confirm overall status of program. Action: AEMO to cross reference participant survey responses with participant submitted roll-out plans.

5MS GS Market Readiness Report - Round 3

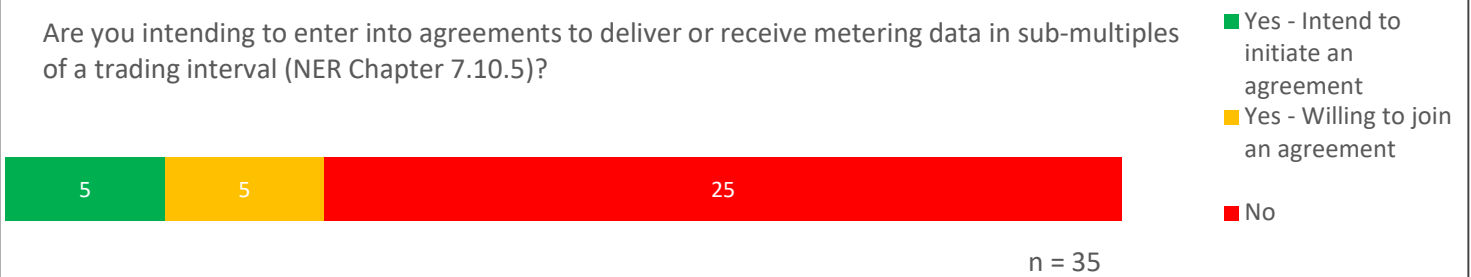
COVID-19 Response

Compared to your response in the previous reporting round (April 2020), have recent developments in the COVID-19 situation or your program's response changed your ability to implement 5MS and GS?

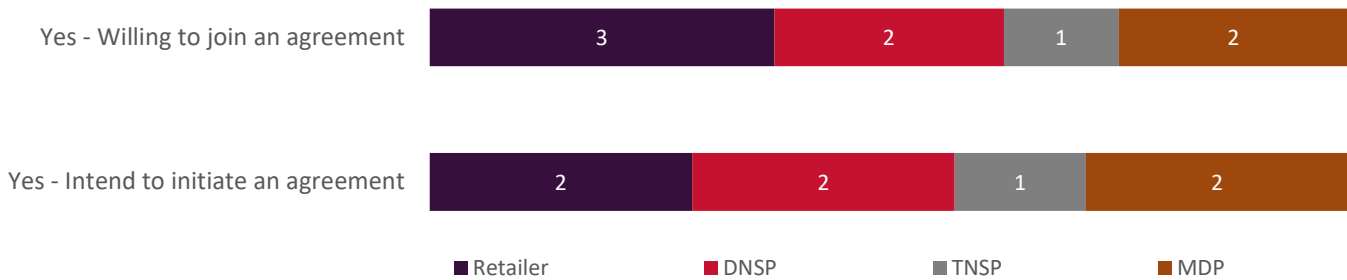


Early Delivery of 5-minute Data

Are you intending to enter into agreements to deliver or receive metering data in sub-multiples of a trading interval (NER Chapter 7.10.5)?



Participants intending to enter into agreement to deliver or receive metering data in sub-multiples of a trading interval, by participant type.



#	Topic	Observation / Actions
10	COVID-19 Response, All participants	Compared to the previous round of reporting, more than half of participants are not experiencing any change in their ability to implement 5MS and GS due to COVID-19. One in three are experiencing minor changes, noting increased challenges associated with vendors working on-site, staff onboarding, and resourcing due to additional focus on BAU activities. These findings are consistent with the results of the special readiness survey issued in August.
11	Early delivery of 5-minute data, (Retailers, DNSPs, TNSPs, MDPs)	Among retailers, network service providers and MDPs, a minority noted that they intend to enter into agreements to deliver or receive metering data in sub-multiples of a trading interval. Participants are flagging that Q1 and Q2 2021 is when they expect to initiate or enter into agreements. Action: AEMO to raise implications of early delivery of 5-minute data on participant programs with RWG.

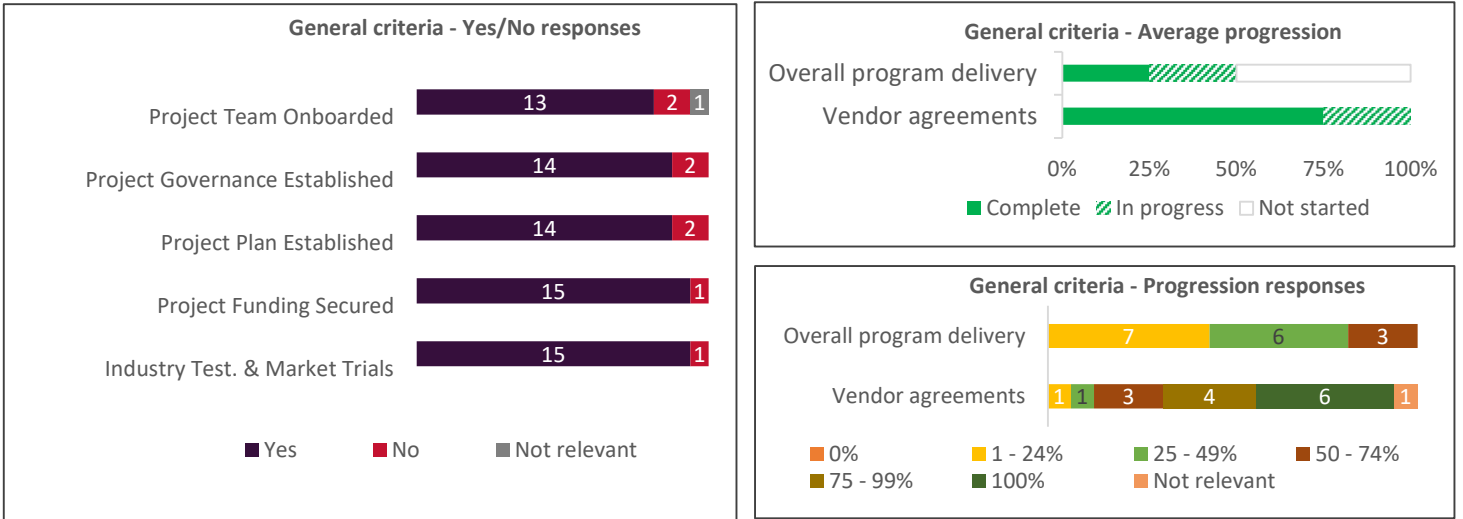
Retailers

Number of respondents	16	% Industry coverage	98%
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Overall Progress and Status

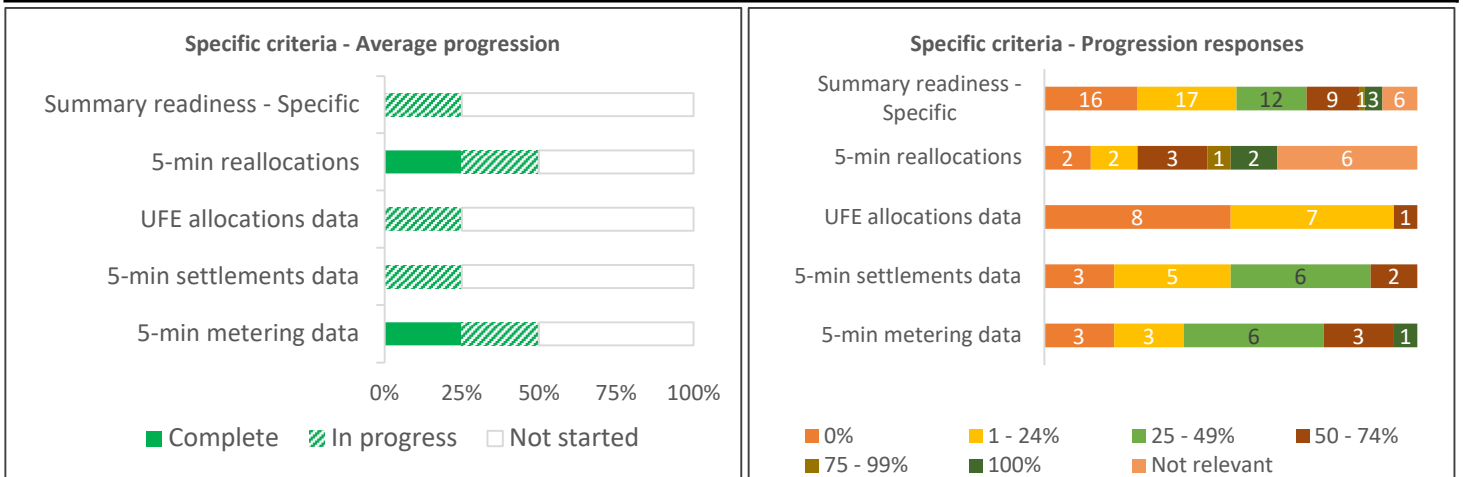
Retailers have well established programs, and are mostly reporting as on track. One organisation noted that their implementation timeline is now late as they were impacted by the AEMC's decision to defer 5MS and GS.

General Readiness Criteria



#	Topic	Observation / Actions
12	General criteria, Retailers	Retailers generally have well established programs, with two retailers currently revising project plans and re-mobilising teams to reflect the revised program delivery dates.
13	General criteria (Overall program delivery), Retailers	Retailers are on average 25-49% progressed with their overall 5MS and GS program, with 3 retailers noting that they are 50-74% progressed.

Specific Readiness Criteria



#	Topic	Observation / Actions
14	Specific criteria, Retailers	Retailers are reporting a wide range of responses when reporting on progression towards developing specific capabilities for 5MS and GS. They are 1-24% progressed on average, and are generally on track. One organisation noted that their implementation timeline is now late as they were impacted by the AEMC's decision to defer 5MS and GS. Action: AEMO to establish with impacted participants if a remediation plan or escalation is required.
15	Specific criteria, Retailers	The average progression on 5-minute reallocations increased by one quadrant, however the average progression of other retailer specific criteria remains the same as the previous readiness survey

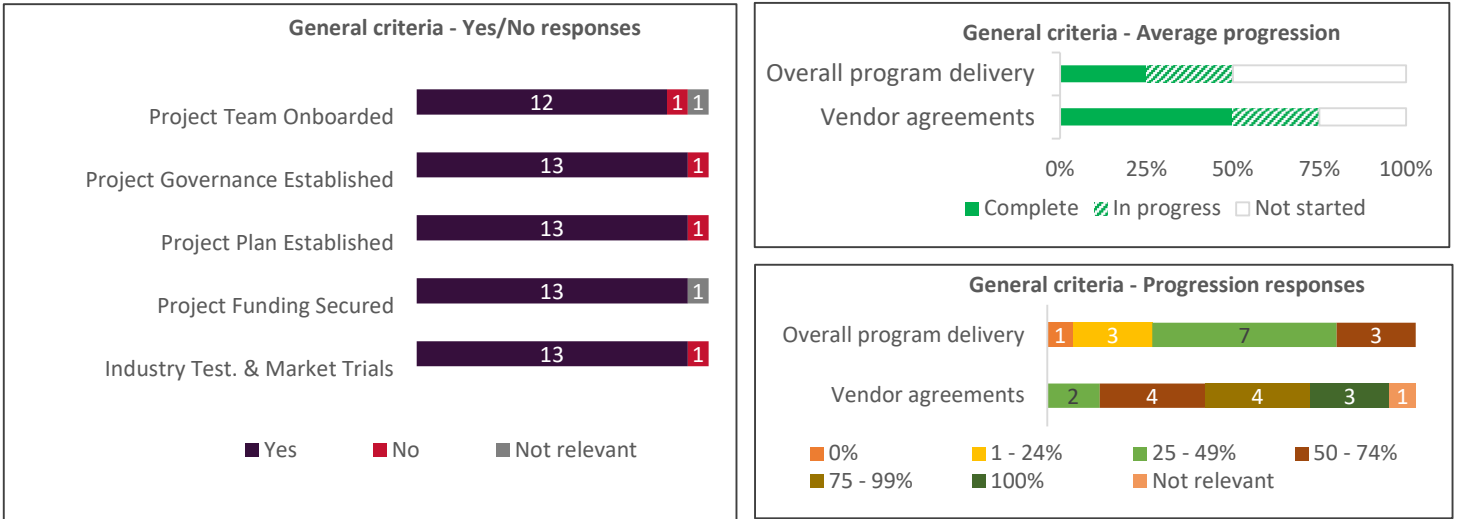
Generators

Number of respondents	14	% Industry coverage	95%
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Overall Progress and Status

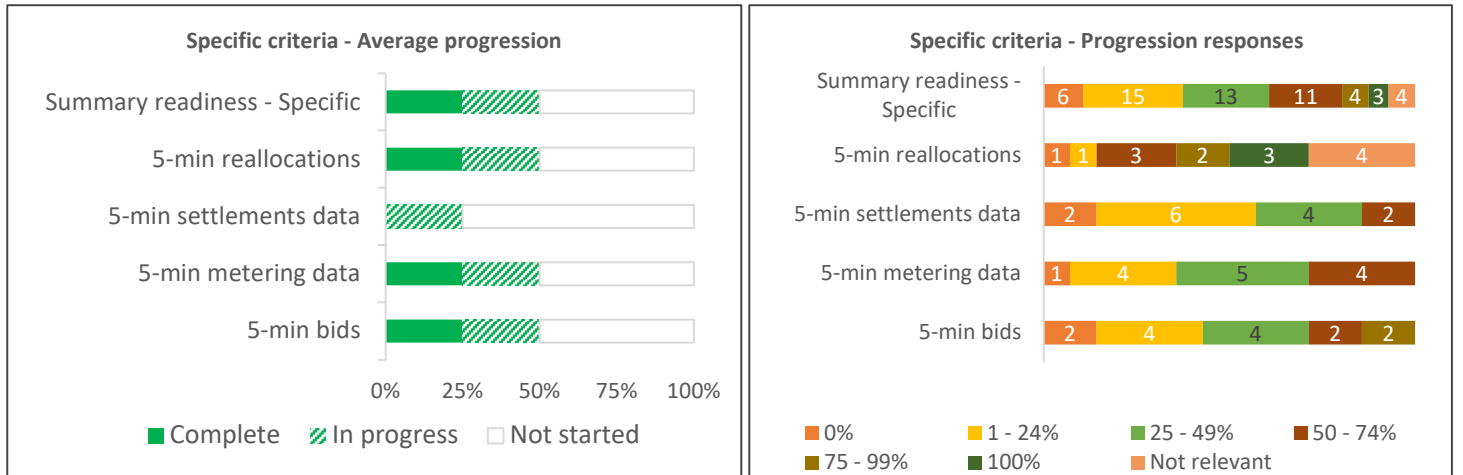
Generators have well established programs, and are generally reporting as on track. Three generators reported that they were late or at risk, due to the deferral rule change and the required time to engage vendors.

General Readiness Criteria



#	Topic	Observation / Actions
16	General Criteria, Generators	Generators generally have well established programs. One generator noted that the time required to complete the tender process for vendors is adding schedule pressure. Another organisation noted that their implementation timeline is now late as they were impacted by the AEMC's decision to defer 5MS and GS.

Specific Readiness Criteria



#	Topic	Observation / Actions
17	Specific criteria, Generators	Generators are reporting a wide range of responses when reporting on progression towards developing specific capabilities for 5MS and GS. They are 25-49% progressed on average, and are generally on track. Three generators reported a late or at risk status, due to the deferral rule change and schedule pressures from the time required to complete the tender process for vendors. Action: AEMO to establish if a remediation plan or escalation is required.
18	Specific criteria, Generators	The average progression on 5-minute metering data increased by one quadrant, however the average progression of other generator specific criteria remains the same.

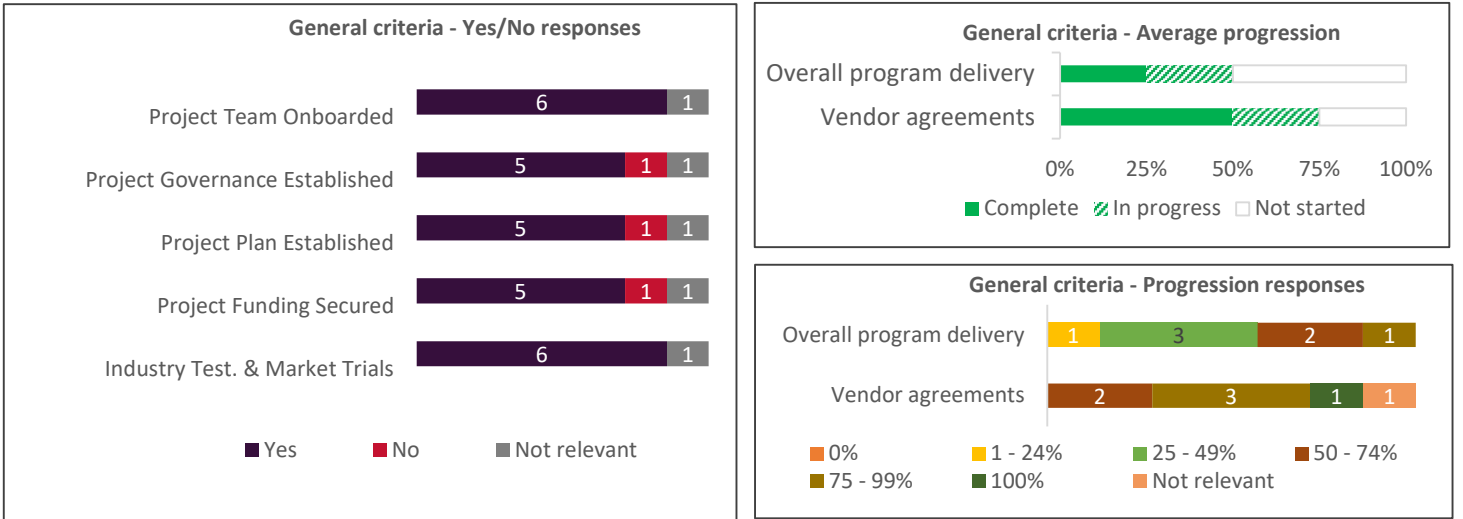
TNSPs

Number of respondents	7	% Industry coverage	100%
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Overall Progress and Status

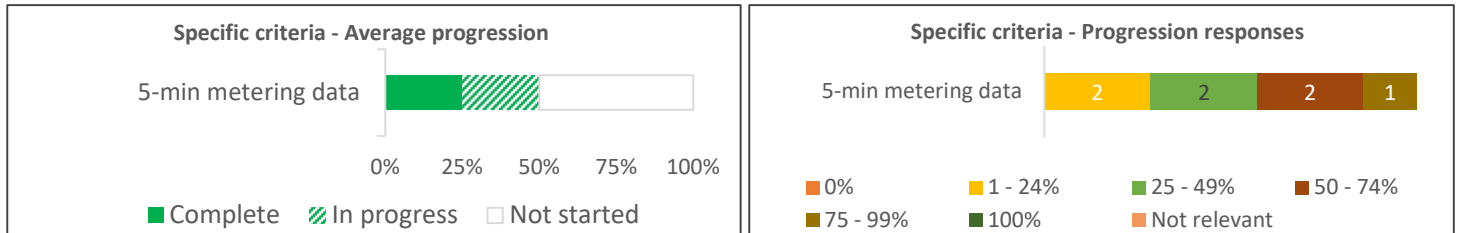
TNSPs have well established programs, and are reporting as on track.

General Readiness Criteria



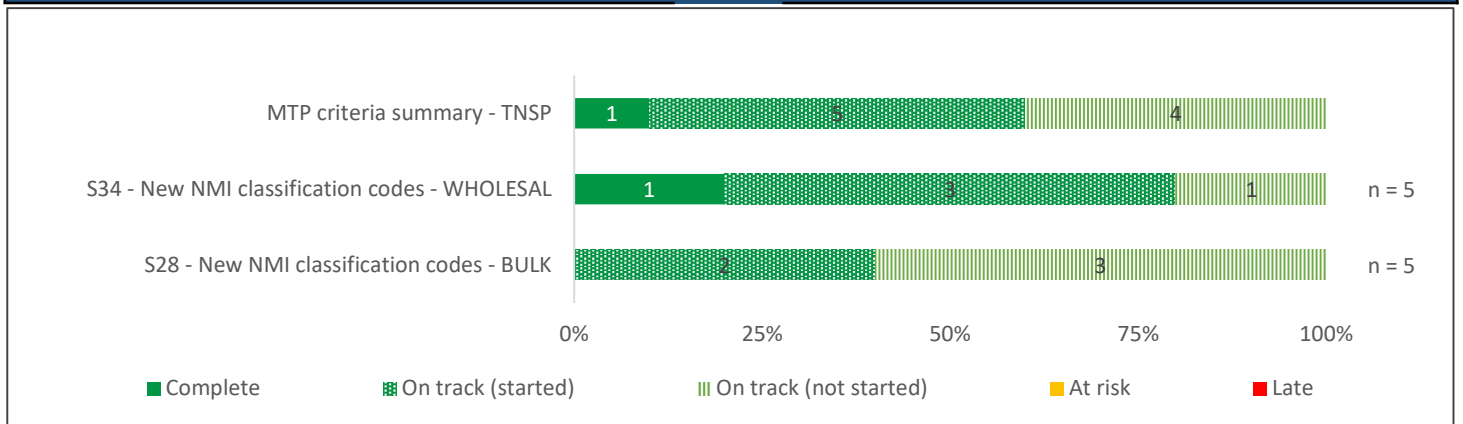
#	Topic	Observation / Actions
19	General Criteria, TNSPs	TNSPs generally have well established programs and are reporting on track.

Specific Readiness Criteria



Metering Transition Plan Criteria

MSATS Standing Data Creation and Maintenance



#	Topic	Observation / Actions
20	Specific Criteria, TNSPs	TNSPs are reporting a wide range of responses when reporting on progression towards developing specific capabilities for 5MS and GS. They are 25-49% progressed on average, and are all reporting on track.
21	Specific Criteria, TNSPs	The average progression on 5-minute metering data increased by one quadrant.
22	MTP Criteria, TNSPs	TNSPs are reporting that MTP activities are all on track. MTP transition windows have been adjusted in line with the new commencement dates. Note if a TNSP responded that a MTP sub-category is not relevant to them their response is omitted from the results.

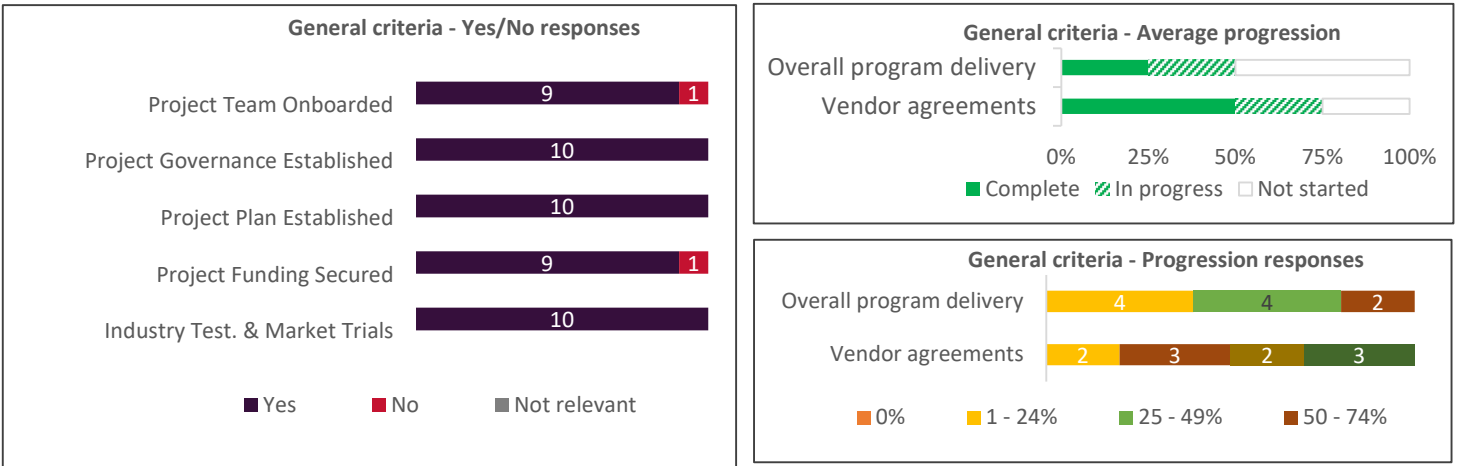
DNSPs

Number of respondents	10	% Industry coverage	100%
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Overall Progress and Status

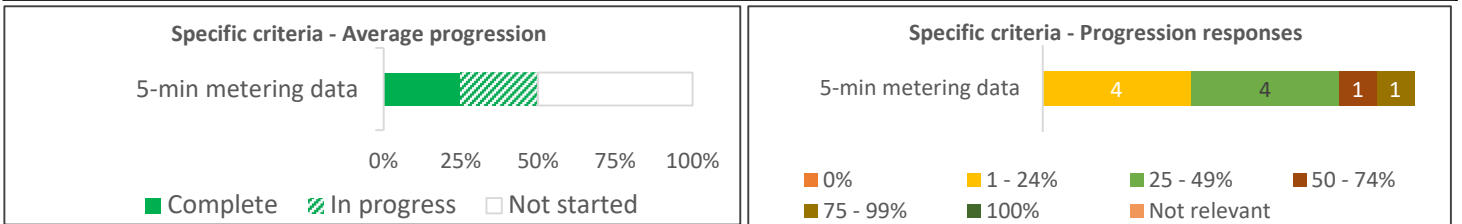
DNSPs have well established programs, and are generally reporting as on track.

General Readiness Criteria



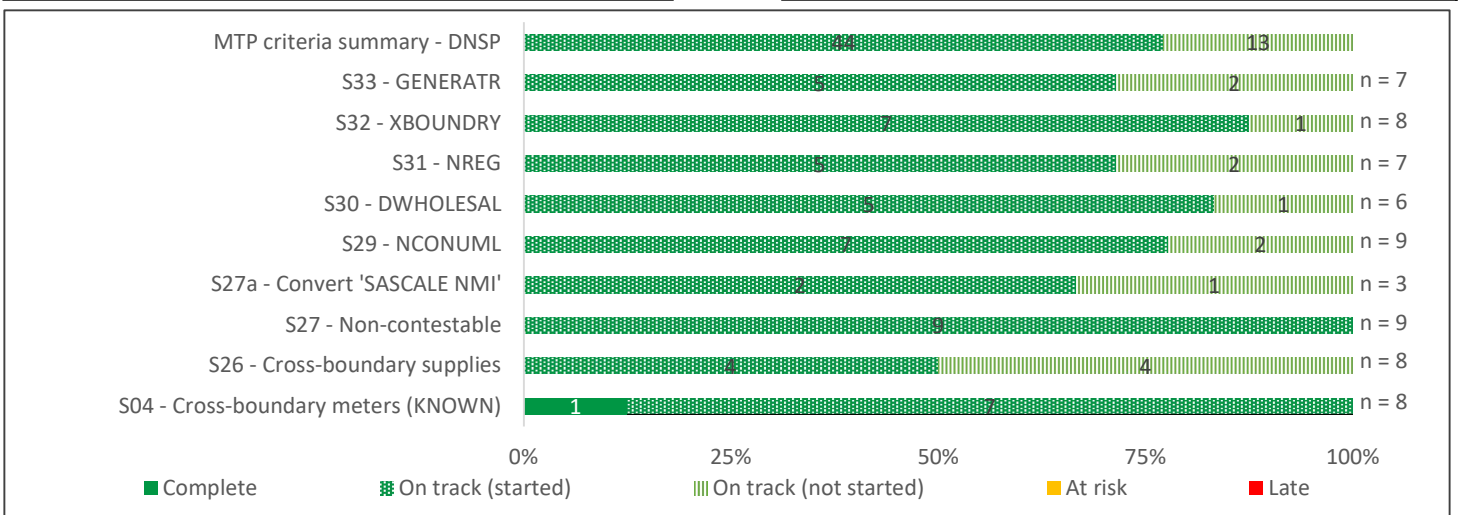
#	Topic	Observation / Actions
23	General Criteria, DNSPs	DNSPs generally have well established programs and are reporting on track.

Specific Readiness Criteria



Metering Transition Plan Criteria

MSATS Standing Data Creation and Maintenance



#	Topic	Observation / Actions
24	Specific Criteria, DNSPs	Eight out of 10 DNSPs were 1-24% or 25-49% progressed with their readiness for 5-min metering data. All DNSPs are reporting on track.
25	MTP Criteria, DNSPs	DNSPs are reporting that MTP activities are all on track. MTP transition windows have been adjusted in line with the new commencement dates. On track not started statuses will be monitored to confirm preparatory tasks are in train. Note if a DNSP responded that a MTP sub-category is not relevant to them their response is omitted from the results.

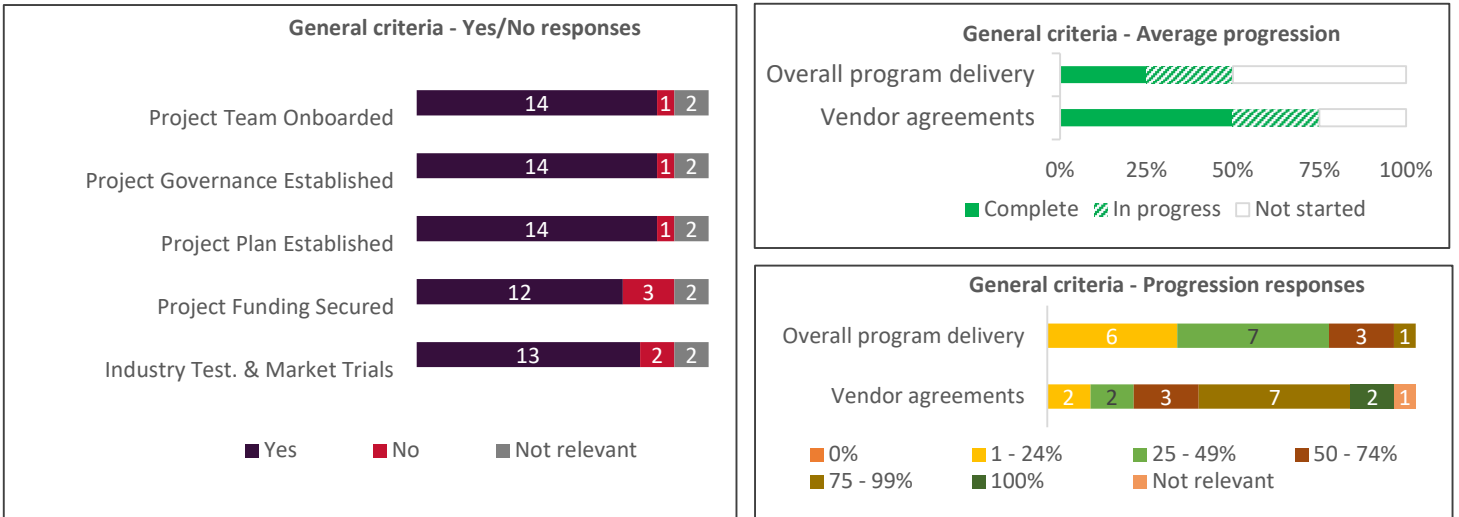
MPs

Number of respondents	17	% Industry coverage	100%
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Overall Progress and Status

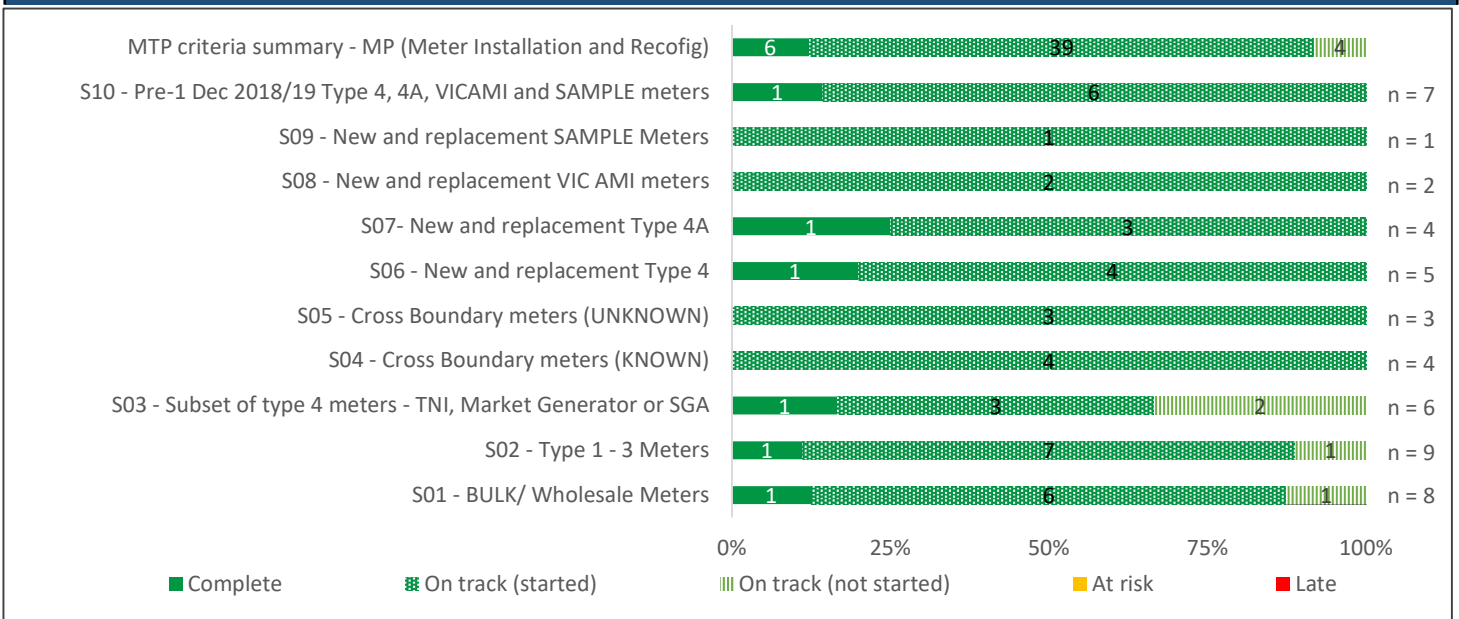
MPs have well established programs, and are generally reporting as on track. Some MPs are reporting 'on-track but not started' for MTP sub-categories where activities should have commenced. AEMO will follow up and seek clarification.

General Readiness Criteria



Metering Transition Plan Criteria

Meter Installation and Reconfiguration



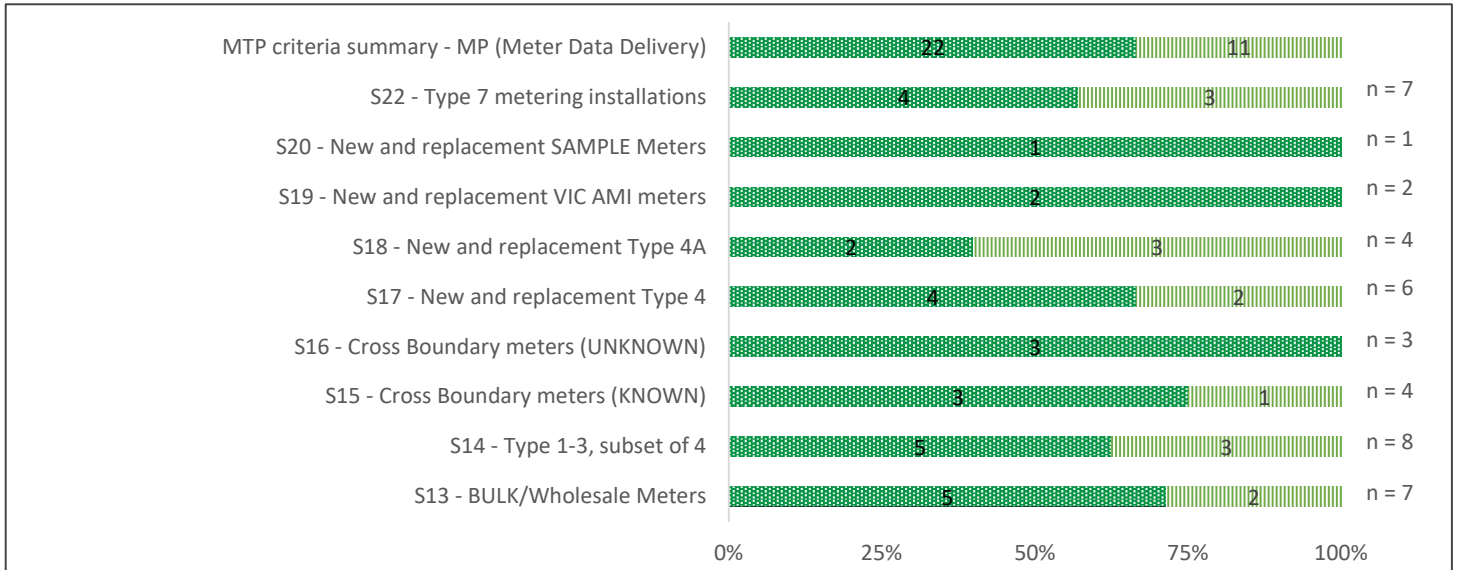
#	Topic	Observation / Actions
26	Coverage, MPs	There was a reduction in MP responses compared to the previous round, due to three organisations not responding to the survey, or not providing responses for their MP business in this round of reporting. Action: AEMO to follow up with participants that are not representing all of their organisations participant types.
27	General Criteria, MPs	MPs generally have well established programs and are reporting on track, with a minority reporting funding yet to be approved for the project.
28	MTP Criteria (Meter Installation and reconfiguration), MPs	MPs are reporting that all MP related meter installation and reconfiguration activities are on track. Some MPs are reporting 'on-track' but not started, however activities in S01, S02 and S03 should have been commenced according to the defined MTP transition windows. Action: AEMO to follow up with relevant MPs regarding the status of S01, S02, S03.

MPs

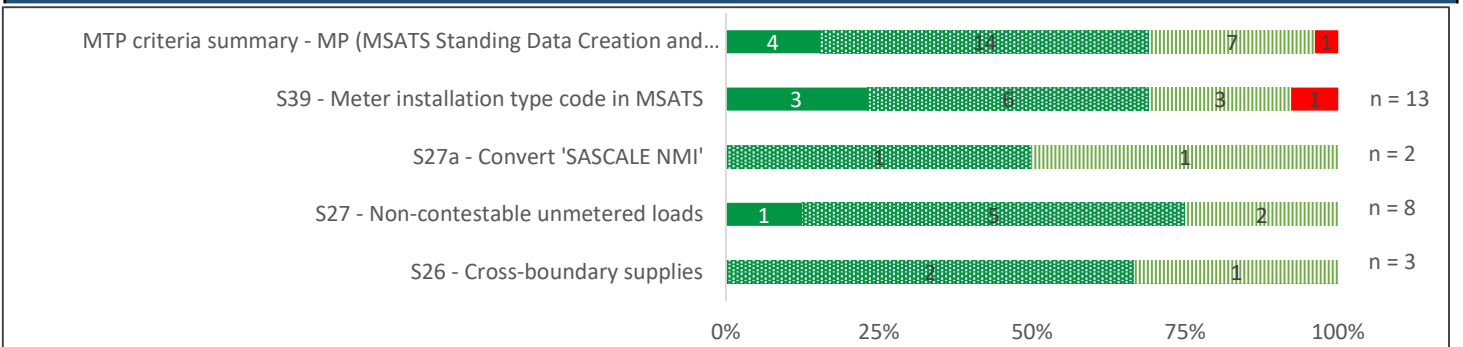
Number of respondents	17	% Industry coverage	100%
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Metering Transition Plan Criteria

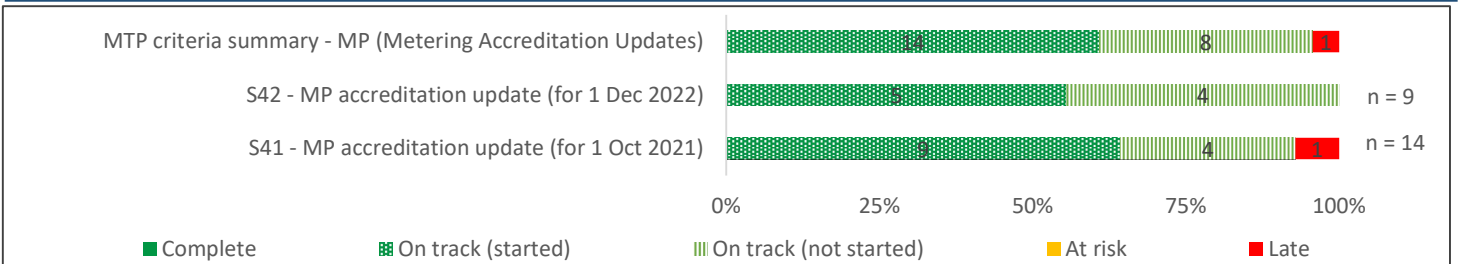
Meter Data Delivery



MSATS Standing Data Creation and Maintenance



Metering Accreditation Updates



#	Topic	Observation / Actions
29	MTP Criteria (Meter Data Delivery), MPs	MPs are reporting that all MP related meter data delivery activities are on track.
30	MTP Criteria (MSATS Standing Data Creation and Maintenance), MPs	Sub-category S39 should have been completed by November 2019, however MPs are still reporting 'on track', but one MP reporting a 'late status'. Action: AEMO to follow up with relevant MPs regarding the status of S39
31	MTP Criteria (Metering Accreditation Updates), MPs	MPs are generally reporting that metering accreditation update activities are on track. One MP noted that they are late to have a pre-application meeting with AEMO, however they do not anticipate that MP re-accreditation will be required and have plans in place to confirm this. 4 MPs are reporting 'on-track' but not started, however activities in S41 and S42 should have been commenced according to the defined MTP transition windows. Action: AEMO to follow up with relevant MPs regarding the status of S41 and S42.
32	MTP Criteria, MPs	MTP transition windows have been adjusted in line with the new commencement dates. Note that if a MP responded that a MTP sub-category is not relevant to them their response is omitted from the results. AEMO also intends to cross reference MP survey responses with provided rollout plans.

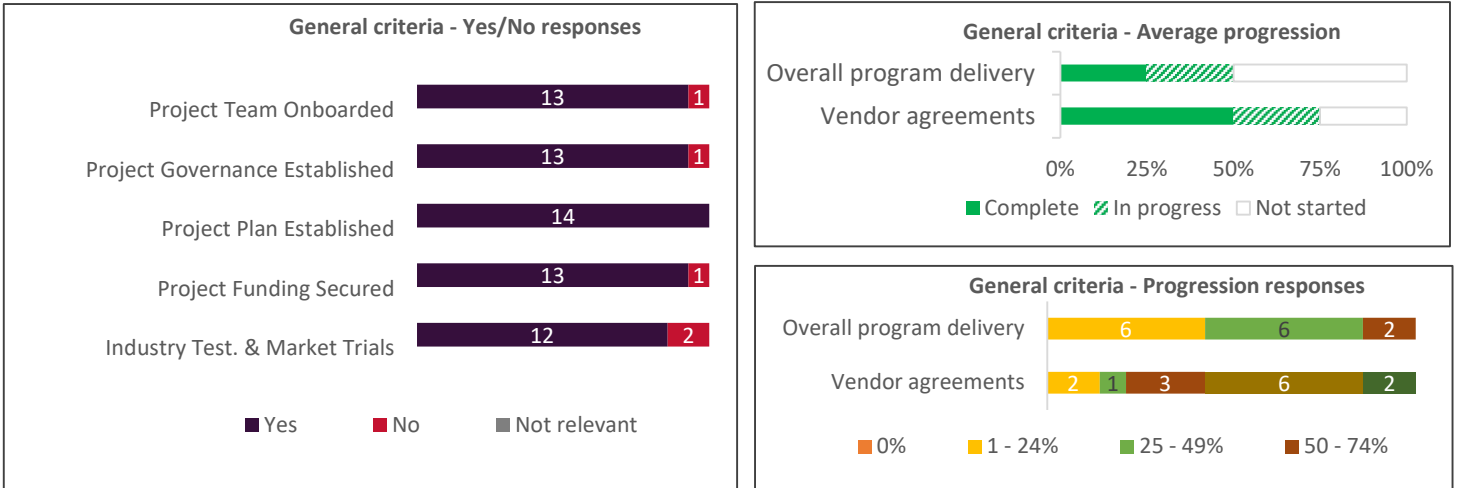
MDPs

Number of respondents	14	% Industry coverage	100%
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Overall Progress and Status

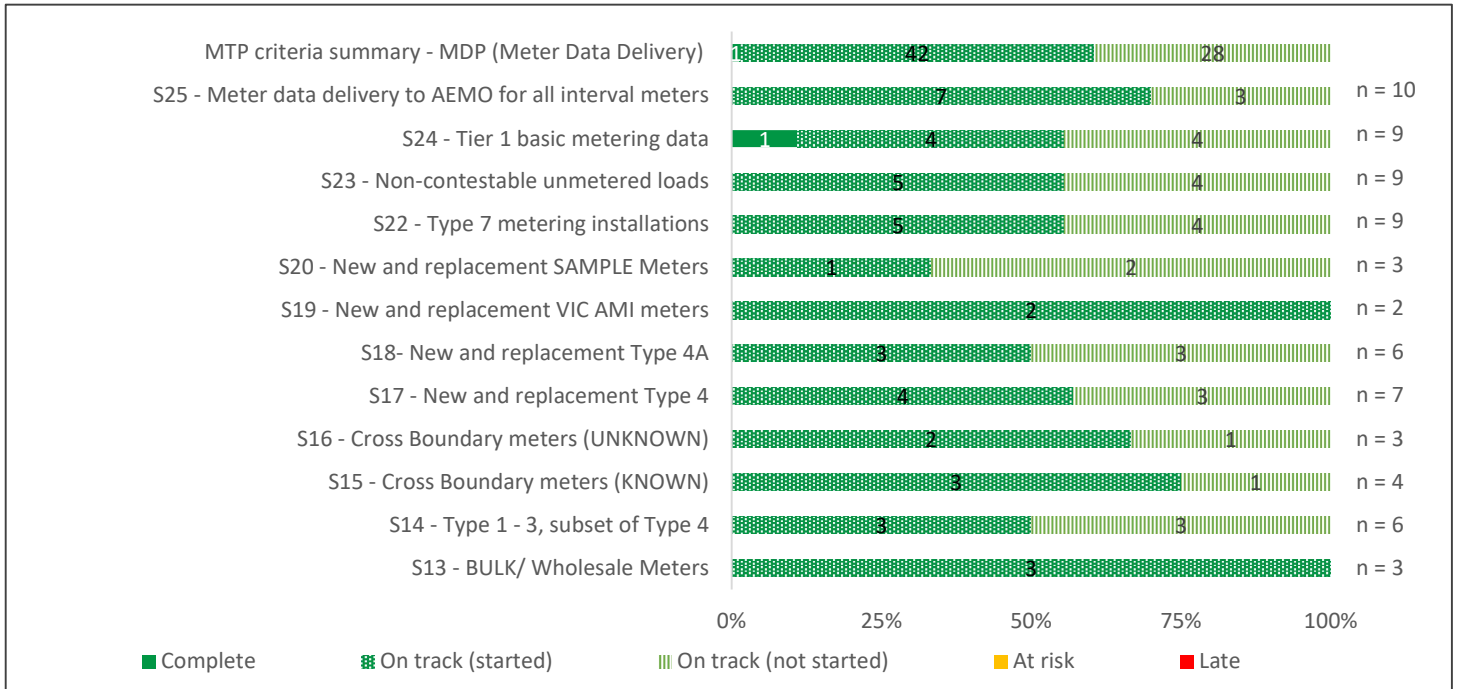
MDPs have well established programs, and are generally reporting as on track. Some MDPs are reporting 'on-track but not started' for sub-categories where activities should have commenced. AEMO will follow up and seek clarification.

General Readiness Criteria



Metering Transition Plan Criteria

Meter Data Delivery



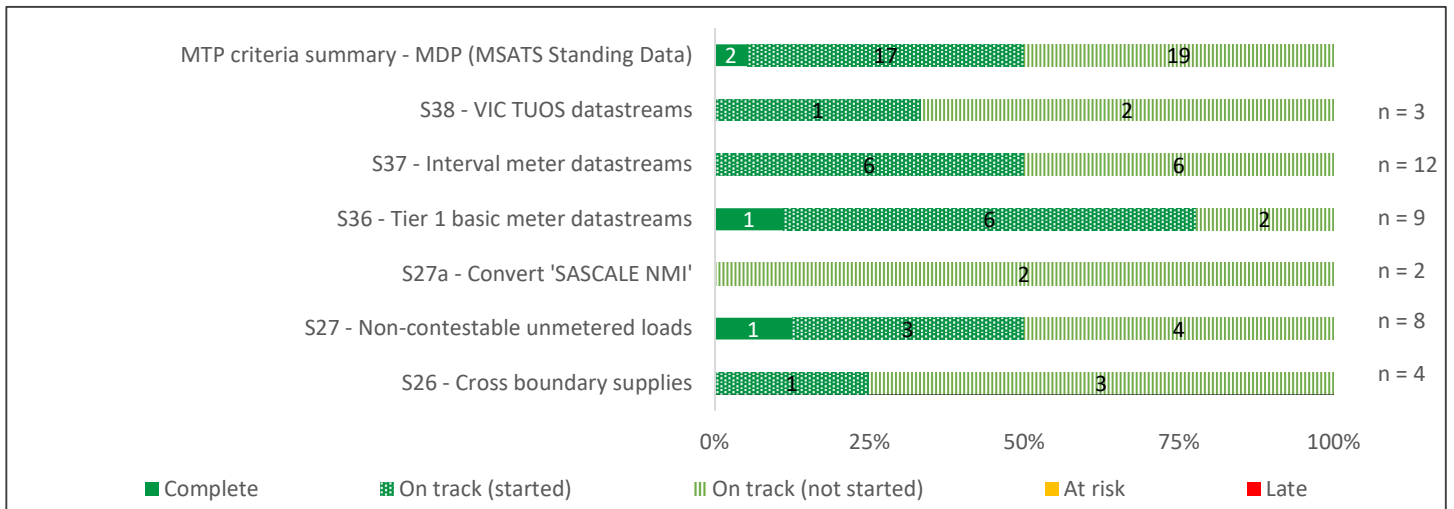
#	Topic	Observation / Actions
33	Coverage, MDPs	There was a reduction in MDP responses compared to the previous round, due to three organisations not responding to the survey, or not providing responses for their MDP business in this round of reporting. Action: AEMO to follow up with participants that are not representing all of their organisations participant types.
34	General Criteria, MDPs	MDPs generally have established programs and are reporting on track. One MDP noted that they are currently re-mobilising due to the AEMC's deferral decision.
35	MTP Criteria (Meter Data Delivery), MDPs	MDPs are reporting that meter data delivery activities are on track. Some MDPs are reporting 'on-track' but not started, however activities in S17, S18, S19 and S20 should have been commenced according to the defined MTP transition windows. Action: AEMO to follow up with relevant MDPs on the status of S17, S18, S19, S20.

MDPs

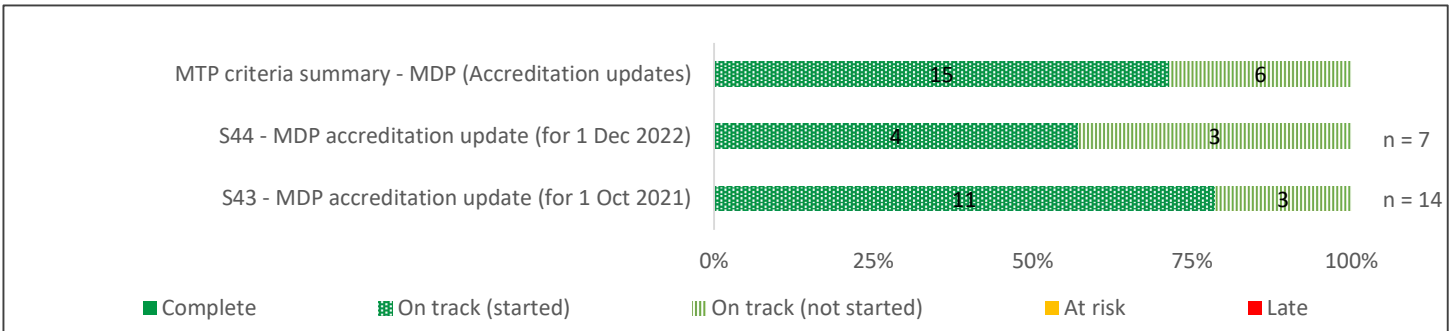
Number of respondents	14	% Industry coverage	100%
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Metering Transition Plan Criteria

MSATS Standing Data Creation and Maintenance



Metering Accreditation Updates



#	Topic	Observation / Actions
36	MTP Criteria (MSATS Standing Data Creation and Maintenance), MDPs	MDPs are reporting that all MDP related MSATS standing data creation and maintenance activities are on track.
37	MTP Criteria (Metering Accreditation Updates), MDPs	MDPs are reporting that all MDP related metering accreditation update activities are on track. Some MDPs are reporting 'on-track' but not started, however activities in S43 and S44 should have been commenced according to the defined MTP transition windows. Action: AEMO to follow up with relevant MDPs on the status of S43, S44.
38	MTP Criteria, MDPs	MTP transition windows have been adjusted in line with the new commencement dates. Note that if a MDP responded that a MTP sub-category is not relevant to them their response is omitted from the results. AEMO also intends to cross reference MDP survey responses with provided rollout plans.

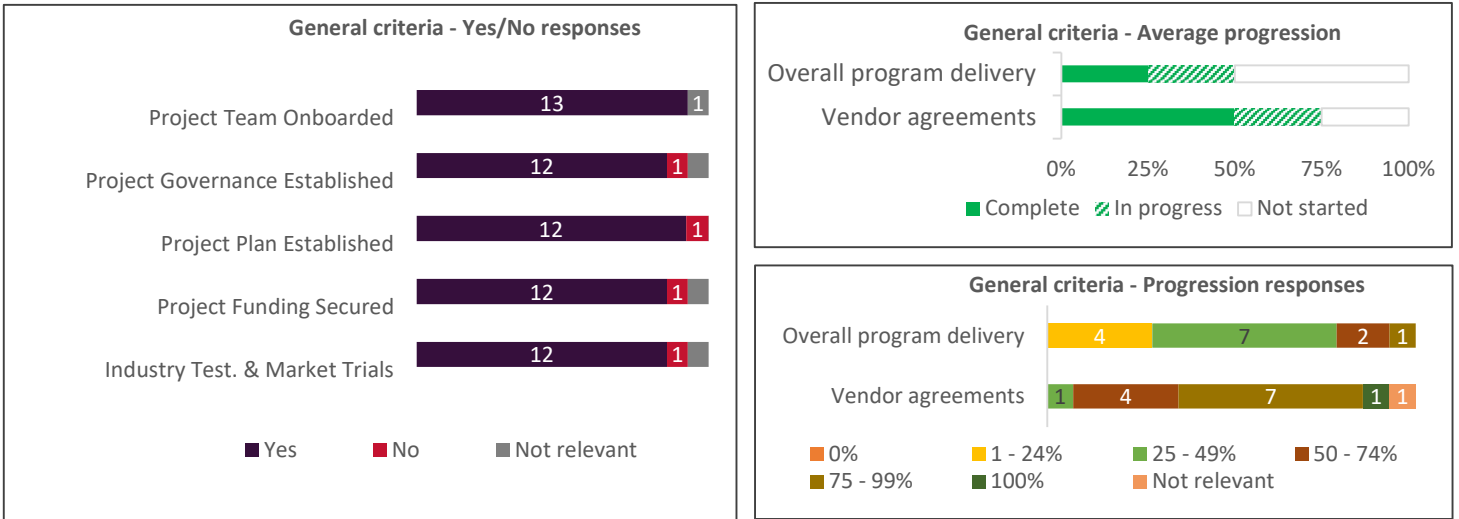
MCs

Number of respondents	14	% Industry coverage	100%
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Overall Progress and Status

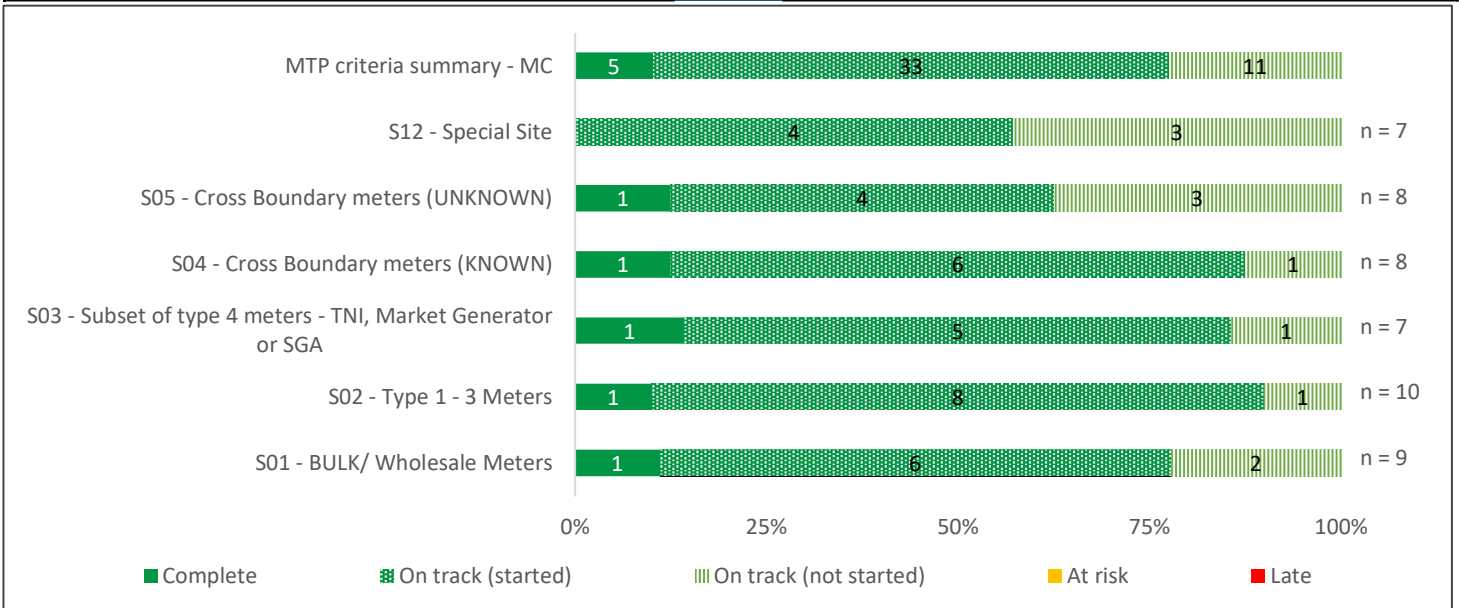
MCs have well established programs, and are generally reporting as on track. Some MCs are reporting 'on-track but not started' for MTP sub-categories where activities should have commenced. AEMO will follow up and seek clarification.

General Readiness Criteria



Metering Transition Plan Criteria

Meter Installation and Reconfiguration



#	Topic	Observation / Actions
39	Coverage, MCs	There was a reduction in MC responses compared to the previous round, due to five organisations not responding to the survey, or not providing responses for their MC business in this round of reporting. Action: AEMO to follow up with participants that are not representing all of their organisations participant types.
40	MTP Criteria (Meter Installation and reconfiguration), MCs	MCs are reporting that all MC related meter installation and reconfiguration activities are on track. Some MCs are reporting 'on-track' but not started, however activities in S01, S02, S03 and S04 should have been commenced according to the defined MTP transition windows. Action: AEMO to follow up with relevant MCs on the status of S01, S02, S03, S04.
41	MTP Criteria, MCs	MTP transition windows have been adjusted in line with the new commencement dates. Note that if a MC responded that a MTP sub-category is not relevant to them their response is omitted from the results. AEMO also intends to cross reference MC survey responses with provided rollout plans.

Survey Respondents

All organisations - 42

Organisation
AGL
Alinta Energy
APA Group
Arrow Energy
Aurora Energy
Ausgrid
AusNet Services
Ausnet Services (GPUPNMP)
CitiPower Powercor United Energy
CS Energy
Delta Electricity
ElectraNet Pty Ltd
Endeavour Energy
Energex and Ergon Energy
EnergyAustralia
Enerven
ENGIE
Ergon Energy Retail (EEQ)
ERM Power
Essential Energy
Evoenergy
Flow Power
Hydro Tasmania
Intellihub
Jemena
Macquarie Bank Limited
Metering Dynamics
Mondo
Origin Energy
PLUS ES
Powerlink Queensland
Powermetric
Red and Lumo Energy
SA Power Networks
SA Water
Secure Meters Limited
Shell Energy Australia
Snowy Hydro
Stanwell
TasNetworks
TransGrid
Vector Metering

Generators - 14

Organisation
AGL
Alinta Energy
APA Group
Arrow Energy
CS Energy
Delta Electricity
EnergyAustralia
ENGIE
ERM Power
Hydro Tasmania
Origin Energy
Shell Energy Australia
Snowy Hydro
Stanwell

Retailers - 16

Organisation
AGL
Alinta Energy
Aurora Energy
CS Energy
Delta Electricity
EnergyAustralia
ENGIE
Ergon Energy Retail (EEQ)
ERM Power
Flow Power
Hydro Tasmania
Macquarie Bank Limited
Origin Energy
Red and Lumo Energy
SA Water
Stanwell

Survey Respondents

MPs - 17

Organisation
AusNet Services
Ausnet Services (GPUPNMP)
Endeavour Energy
Energex and Ergon Energy
Enerven
Essential Energy
Evoenergy
Intellihub
Jemena
Metering Dynamics
Mondo
PLUS ES
Powerlink Queensland
Powermetric
TasNetworks
TransGrid
Vector Metering

MDPs - 14

Organisation
AusNet Services
Endeavour Energy
Energex and Ergon Energy
Essential Energy
Evoenergy
Intellihub
Jemena
Metering Dynamics
Mondo
PLUS ES
Powermetric
Secure Meters Limited
TasNetworks
Vector Metering

MCs - 14

Organisation
Ausgrid
AusNet Services
ElectraNet Pty Ltd
Evoenergy
Jemena
Metering Dynamics
Mondo
Origin Energy
PLUS ES
Powerlink Queensland
Powermetric
TasNetworks
TransGrid
Vector Metering

TNSPs - 7

Organisation
Ausgrid
Ausnet Services
Electranet
Evoenergy
Powerlink
TasNetworks
Transgrid

DNSPs - 10

Organisation
Ausgrid
Ausnet Services
CitiPower Powercor United Energy
Endeavour Energy
Energex and Ergon Energy
Essential Energy
Evoenergy
Jemena
SA Power Networks
TasNetworks