ELECTRICITY INDUSTRY PARTICIPATION CODE DISTRIBUTOR MATERIAL CHANGE AUDIT REPORT

For

MARLBOROUGH LINES LTD

Prepared by: Ewa Glowacka of TEG & Associates

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Audit report due date: 15-Sep-23

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EXECUTIVE SUMMARY

Marlborough Lines Ltd (MARL) intends to replace Gentrack with new software called ARC (Advanced Registry Communication). The software has been developed by Digital Stock Ltd (DS).

Clause 16A.11 of Part 16 requires that if a reconciliation participant intends to make a "material" change to any certified facilities, processes or procedures, the changes must be subject to an audit before the change occurs. This audit was, therefore performed at the request of Marlborough Lines so that it could be supplied to the Electricity Authority to satisfy the requirements of clause 16A.11(1).

The relevant rules audited are as required by the Distributor Auditor Guidelines V7.2, issued by the Electricity Authority.

The ARC system is a cloud-operated system using common code and functionality services several distributors use in the industry as well as Marlborough Lines Ltd. The test plan and test results and the area we examined demonstrate the compliance likely to be achieved when the Marlborough Lines system is implemented. There were no undesirable features identified from the UAT test results.

We thank the Marlborough Lines staff for their full and complete cooperation in this audit.

AUDIT SUMMARY

NON-COMPLIANCES

Subject	Section	Clause	Non Compliance	Controls	Audit Risk Rating	Breach Risk Rating	Remedial Action
Future Risk	Rating						

RECOMMENDATIONS

Subject	Section	Recommendation	Description
		Nil	

ISSUES

Subject	Section	Issue	Description
		Nil	

1. ADMINISTRATIVE

1.1. Exemptions from Obligations to Comply With Code (Section 11)

Code reference

Section 11 of Electricity Industry Act 2010.

Code related audit information

Section 11 of the Electricity Industry Act provides for the Electricity Authority to exempt any participant from compliance with all or any of the clauses.

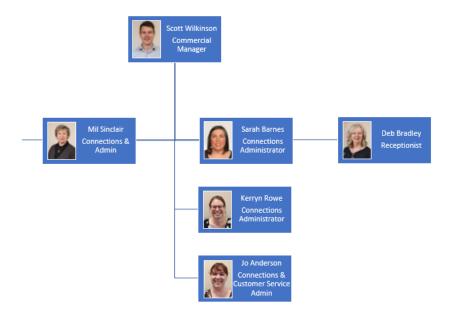
Audit observation

This was discussed with the MARL staff.

Audit commentary

MARL Staff advise there are no exemptions in place, relevant to the scope of this audit. The Electricity Authority website confirms this.

1.2. Structure of Organisation



1.3. Persons involved in this audit

Name	Title	Company
Melisa Sinclair	Connection analyst	Marlborough Lines
Jim Dowling	CEO	Digital Stock
Will Finlayson	Director	Digital Stock
Ewa Glowacka	Electricity Authority Approved Auditor	TEG & Associates Ltd

1.4. Use of contractors (Clause 11.2A)

Code reference

Clause 11.2A

Code related audit information

A participant who uses a contractor

- remains responsible for the contractors fulfilment of the participants Code obligations
- cannot assert that it is not responsible or liable for the obligation due to the action of a contractor
- must ensure that the contractor has at least the specified level of skill, expertise, experience, or qualification that the participant would be required to have if it were performing the obligation itself

Audit observation

This was discussed with the MARL staff.

Audit commentary

There were no external contractors used in the implementation of ARC. Digital Stock staff provided support as the vendor and cloud operator of the Application.

1.5. Supplier list

ARC is supplied and operated in the cloud by Digital Stock.

1.6. Hardware and Software

Marlborough Lines have decided to replace Gentrack with ARC (Advanced Registry Communication) software.

ARC will interface with the Registry using SFTP. ARC will populate and maintain ICP attributes and associated information through the whole ICP lifecycle. Information can be added or changed in ARC and uploaded to the registry in a SFTP file transfer at the time of data entry. The synchronisation process can also be run on individual ICPs or small groups of ICPs so changes that have been made at data entry can be validated. All information are validated before being sent to the registry, which enhances quality of data send to the registry. Both the request and response files are able to be reviewed and response file containing errors are checked daily. ARC stores all transaction related to each ICP.

ARC will synchronise the entire data set with the registry daily by requesting every night EDA file (3 months) from the registry and comparing that returned file with the information held in ARC. Where there are differences identified between the registry and ARC, they will be resolved.

The ARC system underwent comprehensive testing utilizing the registry's UAT functionality. We reviewed a thorough UAT test plan and results of testing.

1.7. Breaches or Breach Allegations

The Electricity Authority website was checked and no breaches or alleged breaches were identified.

1.8. ICP and NSP Data

1.9. Authorisation Received

Authorisation was obtained.

1.10. Scope of Audit

The purpose of this audit is to evaluate participants' compliance with the Code, with respect to changes made to the ICP management systems that interface with the registry.

Area	Within audit scope
Creation of ICPs	~
Maintenance of registry information	~
Creation and maintenance of loss factors	×
Creation and maintenance of NSPs	×
Maintenance of shared unmetered load	~
Calculations of loss factor	×

1.11. Summary of previous audit

2. OPERATIONAL INFRASTRUCTURE

2.1. Requirement to provide complete and accurate information (Clause 11.2(1) and 10.6(1))

Code reference

Clause 11.2(1) and 10.6(1)

Code related audit information

A participant must take all practicable steps to ensure that information that the participant is required to provide to any person under Parts 10 or 11 is:

- a) complete and accurate
- b) not misleading or deceptive
- c) not likely to mislead or deceive.

Audit observation

This was discussed with MARL Staff. The system documentation was checked, and the UAT plan and results were also checked. A live demonstration of 2 ICPs information input was observed.

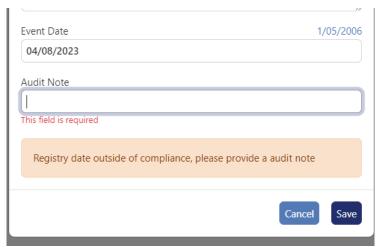
Audit commentary

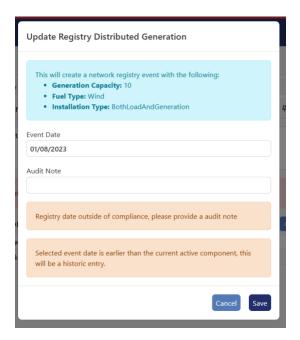
In our opinion, implementing ARC will improve compliance with this clause. The software will utilise existing reports and add a new one to monitor compliance. We did not identify examples of misleading or deceptive information.

Data entry errors would be unlikely post ARC implementation due to ARC's field level validation features. These include drop box selection and missing information, which provide error prompts to the user to correct the error. The user can upload the information to the registry in real time or allow the daily synchronisation process to upload the information to the registry. Either way, missing mandatory or incorrect information will not upload into the registry, forcing user action to correct any errors before proceeding.

The daily synchronisation process flags and reports ICPs or information that would not load due to errors. A daily process to investigate and correct errors will be in place.

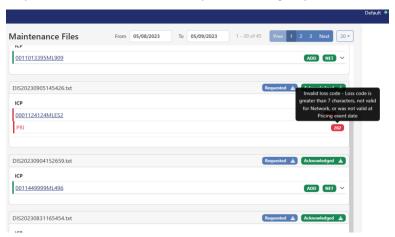
ARC will not change time-based non-compliance, such as the 3 business day or 10 business day requirement to update the registry following an ICP parameter change. The delays could result from delays in obtaining information from third parties. In such scenarios, ARC will request a connection administrator to put a comment explaining why time-based non-compliance will occur.



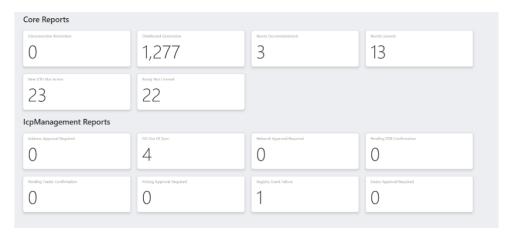


The UAT testing included testing of both correct and incorrect information input and missing mandatory information. The expected results were observed in both ARC and the registry (UAT).

Below there is an example of ICP that could not be input to the registry due to errors.



Digital Stock designed the dashboard, shown below, to monitor compliance with the Code in real time.



Audit outcome

Compliant

2.2. Requirement to correct errors (Clause 11.2(2) and 10.6(2))

Code reference

Clause 11.2(2) and 10.6(2)

Code related audit information

If the participant becomes aware that in providing information under this Part, the participant has not complied with that obligation, the participant must, as soon as practicable, provide such further information as is necessary to ensure that the participant does comply.

Audit observation

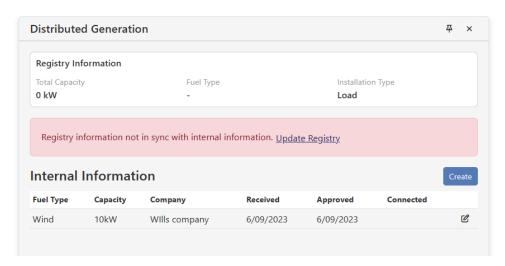
This was discussed with MARL Staff. The system documentation was checked and the UAT plan and results were also checked. A live demonstration of ICP information input was observed.

Audit commentary

The user can upload the information to the registry in real time or allow the daily synchronisation process to upload the information to the registry. Either way, missing mandatory or incorrect information will not upload into the registry, forcing user action to correct any errors before proceeding.

The daily synchronisation process flags and reports ICPs or information that would not load due to errors. A daily process to investigate and correct errors will be in place.

ARC validates each field while setting up a new ICP identifier or making changes to an existing ICP. If any entry is incorrect, a connection administrator will be prompted to correct it before the process continues.



We confirm that MARL demonstrated ARC met the Code requirement.

Audit outcome

Compliant

2.3. Removal or breakage of seals (Clause 48(1A) and 48(1B) of Schedule 10.7)

Code reference

Clause 48(1A) and 48(1B) of Schedule 10.7

Code related audit information

If the distributor provides a load control signal to a load control switch in the metering installation, the distributor can remove or break a seal without authorisation from the MEP to bridge or unbridge the load control device or load control switch — as long as the load control switch does not control a time block meter channel.

If the distributor removes or breaks a seal in this way it must:

- ensure personal are qualified to remove the seal and perform the permitted work and they replace the seal in accordance with the Code
- replace the seal with its own seal
- have a process for tracing the new seal to the personnel
- notify the metering equipment provider and trader

Audit observation

This was discussed with MARL Staff.

Audit commentary

The ARC system will not have any impact on this activity.

This clause is not applicable to this audit.

Audit outcome

Not applicable

2.4. Provision of information on dispute resolution scheme (Clause 11.30A)

Code reference

Clause 11.30A

Code related audit information

A distributor must provide clear and prominent information about Utilities Disputes:

- on their website
- when responding to queries from consumers
- in directed outbound communications to consumers about electricity services and bills.

If there are a series of related communications between the distributor and consumer, the distributor needs to provide this information in at least one communication in that series.

Audit observation

This was discussed with MARL Staff.

Audit commentary

The ARC system will not have any impact on this activity.

This clause is not applicable to this audit.

Audit outcome

3. CREATION OF ICPS

3.1. Distributors must create ICPs (Clause 11.4)

Code reference

Clause 11.4

Code related audit information

The distributor must create an ICP identifier in accordance with Clause 1 of Schedule 11.1 for each ICP on the distributor's network. This includes an ICP identifier for the point of connection at which an embedded network connects to the distributor's network.

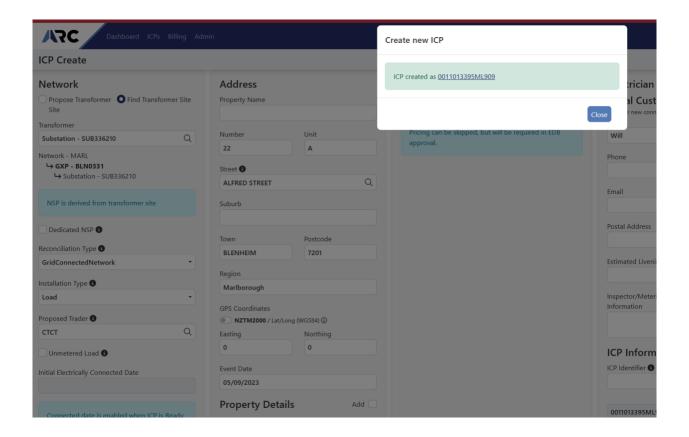
Audit observation

This was discussed with MARL Staff. The system documentation and the UAT plan and results were checked. A live demonstration of 2 ICPs was created, and information input was observed.

Audit commentary

The new connection application process has been modified with the implementation of ARC. ICPs were created in Gentrack with the required information to set the ICP as "Ready" when uploaded to the registry. MARL decided to change the process as follows:

- ICP identifier will be created in ARC with the required information to set the ICP as "New" in the registry, as no price code will be uploaded.
- A proposed trader, nominated by a customer, is asked to accept responsibility for the new ICP
- The trader acceptance is received, MARL assigns a price code to the ICP in ARC
- ARC sends the notification file to the registry, and the registry assigns the status "Ready."



This is an example of an error message when an ICP identifier is not available.



Checks of the UAT results and live demonstrations confirmed ARC met the Code requirement.

Audit outcome

Compliant

3.2. Participants may request distributors to create ICPs (Clause 11.5(3))

Code reference

Clause 11.5(3)

Code related audit information

The distributor, within 3 business days of receiving a request for the creation of an ICP identifier for an ICP, must either create a new ICP identifier or advise the participant of the reasons it is unable to comply with the request.

Audit observation

This was discussed with MARL Staff.

Audit commentary

Customers or their agents apply directly to MARL for a new ICP connection to the network. Participants do not apply for or request ICPs on the MARL network.

There will be no change to this process as a result of the ARC implementation. The ARC system will not have any impact on this clause.

This clause is not applicable to this audit.

Audit outcome

Not applicable

3.3. Provision of ICP Information to the registry manager (Clause 11.7)

Code reference

Clause 11.7

Code related audit information

The distributor must provide information about ICPs on its network in accordance with Schedule 11.1.

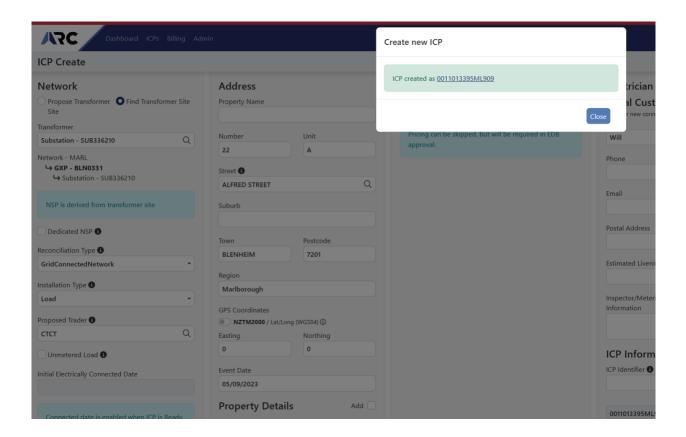
Audit observation

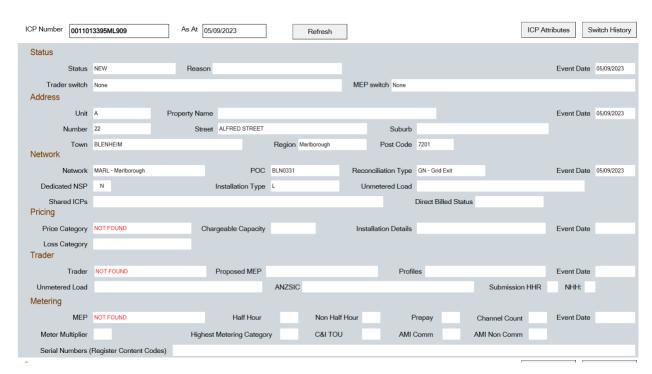
This was discussed with MARL Staff. The system documentation and the UAT plan and results were checked. A live demonstration of 2 ICPs was created, and information input was observed.

Audit commentary

The new connection application process has been modified with the implementation of ARC. ICPs were created in Gentrack with the required information to set the ICP as "Ready" when uploaded to the registry. MARL decided to change the process as follows:

- ICP identifier will be created in ARC with the required information to set the ICP as "New" in the registry, as no price code will be uploaded.
- A proposed trader, nominated by a customer, is asked to accept responsibility for the new ICP
- The trader acceptance is received, MARL assigns a price code to the ICP in ARC
- ARC sends the notification file to the registry, and the registry assigns the status "Ready."





Checks of the UAT results and live demonstrations confirmed ARC met the Code requirement.

Audit outcome

Compliant

3.4. Timeliness of Provision of ICP Information to the registry manager (Clause 7(2) of Schedule 11.1)

Code reference

Clause 7(2) of Schedule 11.1

Code related audit information

The distributor must provide information specified in Clauses 7(1)(a) to 7(1)(o) of Schedule 11.1 as soon as practicable and prior to electricity being traded at the ICP.

Audit observation

This was discussed with MARL Staff. The system documentation and the UAT plan and results were checked. A live demonstration of 2 ICPs was created, and information input was observed.

Audit commentary

The new connection application process has been modified with the implementation of ARC. ICPs were created in Gentrack with the required information to set the ICP as "Ready" when uploaded to the registry. The modified process uploads an ICP in two stages. Firstly, ICP will be uploaded without a price code; the registry assigns "New" status. After the trader's ICP acceptance, the price code is uploaded, and the ICP status is changed to "Ready".

Audit outcome

Compliant

3.5. Timeliness of Provision of Initial Electrical Connection Date (Clause 7(2A) of Schedule 11.1)

Code reference

Clause 7(2A) of Schedule 11.1

Code related audit information

The distributor must provide the information specified in subclause (1)(p) to the registry manager no later than 10 business days after the date on which the ICP is initially electrically connected.

Audit observation

This was discussed with MARL Staff. The system documentation and the UAT plan and results were checked. A live demonstration of 2 ICPs was created, and information input was observed.

Audit commentary

The timeliness of the provision of the Initial Electrical Connection Date (IECD) to the registry is not reliant on the ARC system. The current process will not change as a result of the ARC system implementation.

This clause is not applicable to this audit.

Audit outcome

Not applicable

3.6. Connection of ICP that is not an NSP (Clause 11.17)

Code reference

Clause 11.17

Code related audit information

A distributor must, when connecting an ICP that is not an NSP, follow the connection process set out in Clause 10.31.

The distributor must not connect an ICP (except for an ICP across which unmetered load is shared) unless a trader is recorded in the registry as accepting responsibility for the ICP.

In respect of ICPs across which unmetered load is shared, the distributor must not connect an ICP unless a trader is recorded in the registry as accepting responsibility for the shared unmetered load, and all traders that are responsible for an ICP on the shared unmetered load have been advised.

Audit observation

This was discussed with MARL Staff.

Audit commentary

The connection of an ICP is not reliant on the ARC system. The current process will not change as a result of the ARC system implementation. MARL require a trader to accept responsibility for each ICP before connection.

This clause is not applicable to this audit.

Audit outcome

Not applicable

3.7. Connection of ICP that is not an NSP (Clause 10.31)

Code reference

Clause 10.31

Code related audit information

A distributor must not connect an ICP that is not an NSP unless requested to do so by the trader trading at the ICP, or if there is only shared unmetered load at the ICP and each trader has been advised.

Audit observation

This was discussed with MARL Staff.

Audit commentary

The connection of an ICP is not reliant on the ARC system. The current process will not change as a result of the ARC system implementation. MARL require a trader to accept responsibility for each ICP before connection.

This clause is not applicable to this audit.

Audit outcome

Not applicable

3.8. Temporary electrical connection of ICP that is not an NSP (Clause 10.31A)

Code reference

Clause 10.31A

Code related audit information

A distributor may only temporarily electrically connect an ICP that is not an NSP if requested by an MEP for a purpose set out in clause 10.31A(2), and the MEP:

- has been authorised to make the request by the trader responsible for the ICP; and
- the MEP has an arrangement with that trader to provide metering services.

If the ICP is only shared unmetered load, the distributor must advise the traders of the intention to temporarily connect the ICP unless:

advising all traders would impose a material cost on the distributor, and

in the distributor's reasonable opinion the advice would not result in any material benefit to any of the traders.

Audit observation

This was discussed with MARL Staff.

Audit commentary

The connection of an ICP is not reliant on the ARC system. The current process will not change as a result of the ARC system implementation.

This clause is not applicable to this audit

Audit outcome

Not applicable

3.9. Connection of NSP that is not point of connection to grid (Clause 10.30)

Code reference

Clause 10.30

Code related audit information

A distributor must not connect an NSP on its network that is not a point of connection to the grid unless requested to do so by the trader responsible for ensuring there is a metering installation for the point of connection.

The distributor that initiates the connection under Part 11 and connects the NSP must, within 5 business days of connecting the NSP that is not a point of connection to the grid, advise the reconciliation manager of the following in the prescribed form:

- the NSP that has been connected
- the date of the connection
- the participant identifier of the MEP for each metering installation for the NSP
- the certification expiry date of each metering installation for the NSP.

Audit observation

This was discussed with MARL Staff.

Audit commentary

The connection of an ICP is not reliant on the ARC system. The current process will not change as a result of the ARC system implementation.

This clause is not applicable to this audit

Audit outcome

Not applicable

3.10. Electrical connection of NSP that is not point of connection to grid (Clause 10.30A and 10.30B)

Code reference

Clause 10.30A and 10.30B

Code related audit information

A distributor may only temporarily electrically connect an NSP that is not a point of connection to the grid if requested by an MEP for a purpose set out in clause 10.30A(3), and the MEP:

- has been authorised to make the request by the reconciliation participant responsible for the NSP; and
- the MEP has an arrangement with that reconciliation participant to provide metering services.

A distributor may only electrically connect an NSP if:

- each distributor connected to the NSP agrees
- the trader responsible for delivery of submission information has requested the electrical connection
- the metering installations for the NSP are certified and operational metering

Audit observation

This was discussed with MARL Staff.

Audit commentary

The temporary electrical connection of an NSP is not reliant on the ARC system. The current process will not change as a result of the ARC system implementation.

This clause is not applicable to this audit.

Audit outcome

3.11. Definition of ICP identifier (Clause 1(1) Schedule 11.1)

Code reference

Clause 1(1) Schedule 11.1

Code related audit information

Each ICP created by the distributor in accordance with Clause 11.4 must have a unique identifier, called the "ICP identifier", determined in accordance with the following format:

yyyyyyyyyxxccc where:

- yyyyyyyyy is a numerical sequence provided by the distributor
- xx is a code that ensures the ICP is unique (assigned by the Authority to the issuing distributor)
- ccc is a checksum generated according to the algorithm provided by the Authority.

Audit observation

This was discussed with MARL Staff. The system documentation and the UAT plan and results were checked. A live demonstration of 2 ICPs was created and information input was observed.

Audit commentary

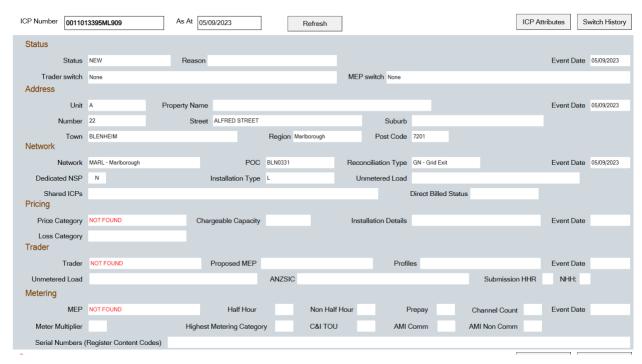
An ICP identifier is determined by the meter route in a specific area. When a new ICP is created, the connection administrator matches the address on the application form to the closest existing address and adds a digit to the ICP. The ARC adds "ML" then calculate a checksum.



0001101339MLF4E	21 ALFRED STREET, BLENHEIM
0001101343ML882	TRUSTPOWER COMMUNITY CENTRE, 25 ALFRED STREET, BLENHEIM
0001101586ML424	68 ALFRED STREET, BLENHEIM
0001102230MLAFB	28 ALFRED STREET, BLENHEIM
0001102999MLFBB	59 ALFRED STREET, BLENHEIM
0001144004ML85B	LEEDS QUAY, 7 ALFRED STREET, BLENHEIM
0001144038MLCBD	2 ALFRED STREET, BLENHEIM
0001144041ML7B1	2 ALFRED STREET, BLENHEIM



0001101339WLF4E	21 ALFRED STREET, BLEINHEIM
0001101343ML882	TRUSTPOWER COMMUNITY CENTRE, 25 ALFRED STREET, BLENHEIM
0001101586ML424	68 ALFRED STREET, BLENHEIM
0001102230MLAFB	28 ALFRED STREET, BLENHEIM
0001102999MLFBB	59 ALFRED STREET, BLENHEIM
0001144004ML85B	LEEDS QUAY, 7 ALFRED STREET, BLENHEIM
0001144038MLCBD	2 ALFRED STREET, BLENHEIM



The test result provided, and tests conducted during the audit confirmed that ICPs are created in a compliant manner.

Audit outcome

Compliant

3.12. Loss category (Clause 6 Schedule 11.1)

Code reference

Clause 6 Schedule 11.1

Code related audit information

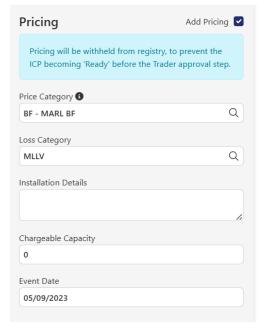
Each ICP must have a single loss category that is referenced to identify the associated loss factors.

Audit observation

This was discussed with MARL Staff. The system documentation and the UAT plan and results were checked. A live demonstration of 2 ICPs was created and information input was observed.

Audit commentary

The loss category code is uploaded to the registry after MARL receives ICP acceptance from a proposed retailer nominated by a customer.







Audit outcome

Compliant

3.13. Management of "new" status (Clause 13 Schedule 11.1)

Code reference

Clause 13 Schedule 11.1

Code related audit information

The ICP status of "New" must be managed by the distributor to indicate:

- the associated electrical installations are in the construction phase (Clause 13(a) of Schedule 11.1)
- the ICP is not ready for activation (Clause 13(b) of Schedule 11.1).

Audit observation

This was discussed with MARL Staff. The system documentation and the UAT plan and results were checked. A live demonstration of 2 ICPs was created, and information input was observed.

Audit commentary

The new connection application process has been modified with the implementation of ARC. ICP identifier will be created in ARC with the required information to set the ICP as "New" in the registry, as no price code will be uploaded. The price code will be uploaded when the retailer's ICP acceptance is received.

Audit outcome

Compliant

3.14. Monitoring of "new" & "ready" statuses (Clause 15 Schedule 11.1)

Code reference

Clause 15 Schedule 11.1

Code related audit information

If an ICP has had the status of "New" or has had the status of "Ready" for 24 months or more:

- the distributor must ask the trader who intends to trade at the ICP whether the ICP should continue to have that status (Clause 15(2)(a) of Schedule 11.1)
- the distributor must decommission the ICP if the trader advises that the ICP should not continue to have that status (Clause 15(2)(b) of Schedule 11.1).

Audit observation

This was discussed with MARL Staff.

Audit commentary

Monitoring "New" and "Ready" statuses for 24 months or more is not reliant on the ARC system. The current process will not change as a result of the ARC system implementation.

The ARC dashboard will assist the connection administrator to monitor ICP in "New" and "Ready" status.

		C	D	E	F	G	Н	I
Status_Sta	IcpIdentifi	Trader_Tr	Customer	Address_F	Network_	Pricing_Pr	Status_EventDate	
	001101339	95ML909		22A ALFRE	BLN0331			
Ready	000011535	53MLAF7		1 ALFRED	BLN0331	DL	29/08/2023	
New	000011920	01ML0FE		ASHWOOL	BLN0331		18/07/2023	
New	000012312	23ML141		No Proper	BLN0331		9/08/2023	
New	000077110	D1MLDC2		ANAKIWA	ROAD, AN	AKIWA, M	17/07/2023	
New	000111623	37ML950		1 ALABAM	BLN0331	DS15	18/08/2023	
Ready	000111675	50MLE6F		40 WHARE	BLN0331	TS	14/06/2023	
New	000112412	24MLE52		456789 AE	BLN0331	DS30	1/08/2023	
Ready	000115313	10ML679		asd, 1A AL	BLN0331	DL	31/08/2023	
New	000118602	20ML3F4		OAKWOO	BLN0331		18/07/2023	
Ready	000119097	78MLDC0		Sarah's Sh	BLN0331	DL	30/08/2023	
New	000123123	34ML489		Has Prope	BLN0331		9/08/2023	
New	000550423	34ML565		Test, Test/	BLN0331		18/08/2023	
Ready	000660416	63ML4DB		12 A RUSS	BLN0331	TS	6/03/2023	
New	000770290	01MLCB6		MAIN ROA	BLN0331		19/07/2023	
New	001144999	99ML496		BLUE PON	BLN0331		4/09/2023	
Ready	001190065	53MLF70		7A PUKETE	BLN0331	DL	28/08/2023	
Ready	001190065	54ML2BA		7B PUKETE	BLN0331	DS15	28/08/2023	
New	00336033	33ML17B		DS Testing	BLN0331		21/08/2023	
New	008802333	33MLC06		DEEP BAY,	BLN0331		8/08/2023	
New	008802444	44MLFF3		t DEEP BA'	BLN0331		9/08/2023	
New	123456123	34ML159		TEST, TEST	BLN0331		9/08/2023	
New	000011552	23ML9AC		HOUSE, 81	BLN0331	BF	5/09/2023	
	New New New Ready New Ready New Ready New Ready New Ready New Ready New New Ready New New Ready New Ready New Ready New Ready	Ready 00001153! New 000012312 New 000012312 New 0001162: Ready 0001167! New 000112412 Ready 00011531: New 000118602 Ready 00011909! New 000550423 Ready 000660416 New 000770290 New 00114499! Ready 00119006! Ready 00119006! Ready 001360333 New 008802344 New 123456123	New 0000119201ML0FE New 0000123123ML141 New 0000771101MLDC2 New 0001116237ML950 Ready 0001116750MLE6F New 0001124124MLE52 Ready 0001153110ML679 New 0001186020ML3F4 Ready 0001190978MLDC0 New 0005504234ML565 Ready 0006604163ML4DB New 00011449999ML496 Ready 0011900653MLF70 Ready 0011900654ML2BA New 0033603333ML17B New 0088023333MLC06 New 1234561234ML159	Ready 0000115353MLAF7 New 0000119201ML0FE New 0000123123ML141 New 0000771101MLDC2 New 0001116237ML950 Ready 0001116750MLE6F New 0001124124MLE52 Ready 0001153110ML679 New 0001186020ML3F4 Ready 0001190978MLDC0 New 0001231234ML489 New 0005504234ML565 Ready 0006604163ML4DB New 0007702901MLCB6 New 0011449999ML496 Ready 0011900653MLF70 Ready 0011900654ML2BA New 0088023333ML17B New 0088023333MLC06 New 0088024444MLFF3 New 1234561234ML159	Ready 0000115353MLAF7 1 ALFRED New 0000119201ML0FE ASHWOOI New 0000123123ML141 No Proper New 0000771101MLDC2 ANAKIWA New 0001116237ML950 1 ALABAM Ready 000116750MLE6F 40 WHARE New 0001124124MLE52 456789 AE Ready 0001153110ML679 asd, 1A AL New 0001186020ML3F4 OAKWOOI Ready 0001190978MLDC0 Sarah's Sh New 0001231234ML489 Has Prope New 0005504234ML565 Test, Test, Ready 0006604163ML4DB 12 A RUSS New 0007702901MLCB6 MAIN ROA New 0011900653MLF70 7A PUKETE Ready 0011900654ML2BA 7B PUKETE New 0033603333ML17B DS Testing New 0088023333MLC06 DEEP BAY, New 0088024444MLFF3 t DEEP BAY New 1234561234ML159 TEST, TEST	Ready 0000115353MLAF7 1 ALFRED BLN0331 New 0000119201ML0FE ASHWOOI BLN0331 New 0000123123ML141 No Proper BLN0331 New 0000771101MLDC2 ANAKIWA ROAD, AN New 0001116237ML950 1 ALABAM BLN0331 Ready 0001116750MLE6F 40 WHARE BLN0331 New 0001124124MLE52 456789 AE BLN0331 Ready 0001153110ML679 asd, 1A AL BLN0331 New 0001186020ML3F4 OAKWOOI BLN0331 Ready 0001190978MLDC0 Sarah's Sh BLN0331 New 0001231234ML489 Has Prope BLN0331 New 0005504234ML565 Test, Test, BLN0331 Ready 0006604163ML4DB 12 A RUSS New 00011449999ML496 BLUE PON BLN0331 Ready 0011900653MLF70 7A PUKETE BLN0331 Ready 0011900654ML2BA 7B PUKETE BLN0331 New 0033603333ML17B DS Testing BLN0331 New 0088023333MLC06 DEEP BAY, BLN0331 New 0088024444MLFF3	Ready 0000115353MLAF7 1 ALFRED BLN0331 DL New 0000119201ML0FE ASHWOOI BLN0331 DL New 0000123123ML141 No Proper BLN0331 NAKIWA, MA New 0000771101MLDC2 ANAKIWA ROAD, ANAKIWA, MA New New 0001116237ML950 1 ALABAM BLN0331 DS15 Ready 0001116750ML66F 40 WHARE BLN0331 TS New 0001124124MLE52 456789 AE BLN0331 DS30 Ready 0001153110ML679 asd, 1A AL BLN0331 DL New 0001186020ML3F4 OAKWOO BLN0331 DL New 0001231234ML489 Has Prope BLN0331 DL New 0005504234ML565 Test, Test, BLN0331 TS New 000702901MLCB6 MAIN ROF BLN0331 TS New 0011449999ML496 BLUE PON BLN0331 DL Ready 0011900653MLF70 7A PUKETE BLN0331 DS15 New 0033603333ML78 DS Testing BLN0331 DS15 New 0088023333MLC06 DEEP BA	Ready 0000115353MLAF7 1 ALFRED BLN0331 DL 29/08/2023 New 0000123123ML141 No Proper BLN0331 18/07/2023 New 0000771101MLDC2 ANAKIWA ROAD, ANAKIWA, M/ 17/07/2023 New 0001116237ML950 1 ALABAM BLN0331 DS15 18/08/2023 Ready 0001116750MLE6F 40 WHARE BLN0331 TS 14/06/2023 New 0001124124MLE52 456789 AE BLN0331 DS30 1/08/2023 Ready 0001186020ML3F4 OAKWOOI BLN0331 DL 31/08/2023 New 0001186020ML3F4 OAKWOOI BLN0331 DL 30/08/2023 New 0001231234ML489 Has Prope BLN0331 DL 30/08/2023 New 0005504234ML565 Test, Test/ BLN0331 TS 6/03/2023 New 0007702901MLCB6 MAIN ROA BLN0331 TS 6/03/2023 New 0011449999ML496 BLUE PON BLN0331 DL 28/08/2023 Ready 0011900653MLF70 7A PUKETE BLN0331 DL 28/08/2023 New

Audit outcome

Compliant

3.15. Embedded generation loss category (Clause 7(6) Schedule 11.1)

Code reference

Clause 7(6) Schedule 11.1

Code related audit information

If the ICP connects the distributor's network to an embedded generating station that has a capacity of 10 MW or more (clause 7(1)(f) of Schedule 11.1):

- The loss category code must be unique; and
- The distributor must provide the following to the reconciliation manager:
 - o the unique loss category code assigned to the ICP
 - o the ICP identifier of the ICP
 - o the NSP identifier of the NSP to which the ICP is connected
 - o the plant name of the embedded generating station.

Audit observation

This was discussed with MARL Staff.

Audit commentary

The embedded generation loss category requirements are not affected by the ARC system. The current process will not change as a result of the ARC system implementation.

This clause is not applicable to this audit.

Audit outcome

Not applicable

3.16. Electrical connection of a point of connection (Clause 10.33A)

Code reference

Clause 10.33A(4)

Code related audit information

No participant may electrically connect a point of connection or authorise the electrical connection of a point of connection, other than a reconciliation participant.

Audit observation

This was discussed with MARL Staff.

Audit commentary

The reconciliation participant authorisation of the electrical connection of a point of connection requirements are not affected by the ARC system. The current process will not change as a result of the RM system implementation.

This clause is not applicable to this audit.

Audit outcome

Not applicable

3.17. Electrical disconnection of a point of connection (Clause 10.30C and 10.31C)

Code reference

Clause 10.30C and 10.31C

Code related audit information

A distributor can only disconnect, or electrically disconnect an ICP on its network:

- if empowered to do so by legislation (including the Code)
- under its contract with the trader for that ICP or NSP
- under its contract with the consumer for that ICP

Audit observation

This was discussed with MARL Staff.

Audit commentary

The ARC system will not have any impact on this activity.

This clause is not applicable to this audit.

Audit outcome

3.18. Meter bridging (Clause 10.33C)

Code reference

Clause 10.33C

Code related audit information

An distributor may only electrically connect an ICP in a way that bypasses a meter that is in place ("bridging") if the distributor has been authorised by the responsible trader.

The distributor can then only proceed with bridging the meter if, despite best endeavours:

- the MEP is unable to remotely electrically connect the ICP
- the MEP cannot repair a fault with the meter due to safety concerns
- the consumer will likely be without electricity for a period which would cause significant disadvantage to the consumer

If the distributor bridges a meter, the distributor must notify the responsible trader within 1 business day, and include the date of bridging in its advice.

Audit observation

This was discussed with MARL Staff.

Audit commentary

The ARC system will not have any impact on this activity.

This clause is not applicable to this audit.

Audit outcome

4. MAINTENANCE OF REGISTRY INFORMATION

4.1. Changes to registry information (Clause 8 Schedule 11.1)

Code reference

Clause 8 Schedule 11.1

Code related audit information

If information held by the registry that relates to an ICP for which the distributor is responsible changes, the distributor must give written notice to the registry manager of that change.

Notification must be given by the distributor within 3 business days after the change takes effect, unless the change is to the NSP identifier of the NSP to which the ICP is usually connected (other than a change that is the result of the commissioning or decommissioning of an NSP).

In those cases, notification must be given no later than 8 business days after the change takes effect.

If the change to the NSP identifier is for more than 10 business days, the notification must be provided no later than the 13^{th} business day and be backdated to the date the change took effect.

In the case of decommissioning an ICP, notification must be given by the later of 3 business days after the registry manager has advised the distributor that the ICP is ready to be decommissioned, or 3 business days after the distributor has decommissioned the ICP.

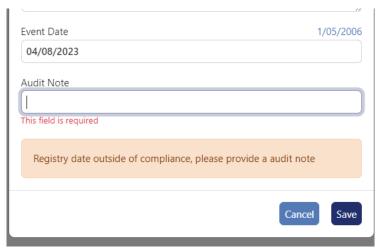
Audit observation

This was discussed with MARL Staff.

Audit commentary

ARC will upload information changes to the registry however, the ARC system will not influence the notification timeframe requirements. The current process will not change as a result of the ARC system implementation.

ARC will not change time-based non-compliance, such as the 3 business day or 10 business day requirement to update the registry following an ICP parameter change. The delays could result from delays in obtaining information from third parties. In such scenarios, ARC will request a connection administrator to put a comment explaining why time-based non-compliance will occur.



This clause is not applicable to this audit.

Audit outcome

4.2. Notice of NSP for each ICP (Clauses 7(1),(4) and (5) Schedule 11.1)

Code reference

Clauses 7(1), 7(4) and 7(5) Schedule 11.1

Code related audit information

Under Clause 7(1)(b) of Schedule 11.1, the distributor must provide to the registry manager the NSP identifier of the NSP to which the ICP is usually connected.

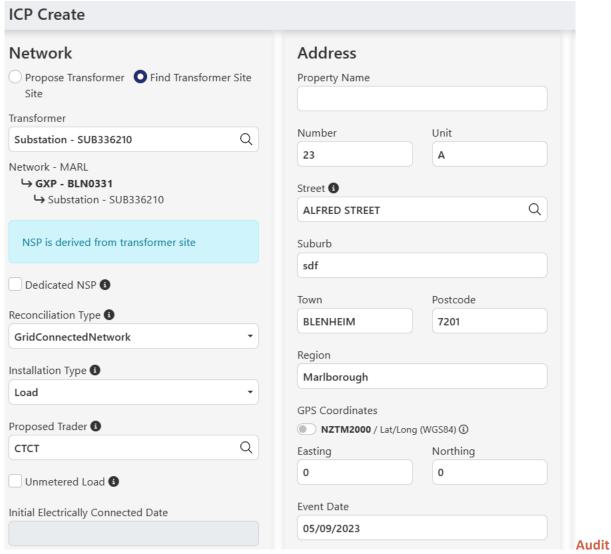
If the distributor cannot identify the NSP that an ICP is connected to, the distributor must nominate the NSP that the distributor thinks is most likely to be connected to the ICP, taking into account the flow of electricity within its network, and the ICP is deemed to be connected to the nominated NSP.

Audit observation

Each ICP created and loaded into the registry had the NSP identifier assigned. It is a mandatory field in ARC. The process of assigning the NSP to the ICPs will not be changed as a result of the ARC system implementation.

Audit commentary

The current process will not change as a result of the ARC system implementation. MARL has one NSP BLN0331. The NSP is assigned to an ICP identifier when it is created in ARC.



outcome

Compliant

4.3. Customer queries about ICP (Clause 11.31)

Code reference

Clause 11.31

Code related audit information

The distributor must advise a customer (or any person authorised by the customer) or embedded generator of the customer or embedded generator's ICP identifier within 3 business days after receiving a request for that information.

Audit observation

This was discussed with MARL Staff.

Audit commentary

The ARC system will not have any impact on this activity.

This clause is not applicable to this audit.

Audit outcome

Not applicable

4.4. ICP location address (Clause 2 Schedule 11.1)

Code reference

Clause 2 Schedule 11.1

Code related audit information

Each ICP identifier must have a location address that allows the ICP to be readily located.

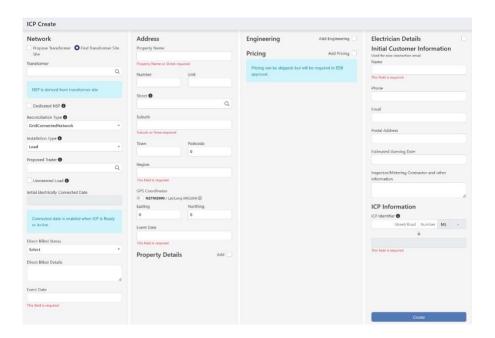
Audit observation

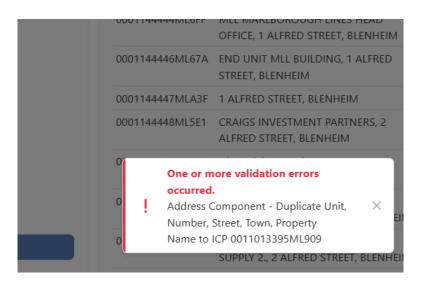
This was discussed with MARL Staff. The system documentation and the UAT plan and results were checked. A live demonstration of 2 ICPs created and information input was observed.

Audit commentary

ARC has built-in functionality, which will not allow the assigning of an address which won't allow the ICP to be readily located.

In ARC, the address field is mandatory. The ICP identifier is area-based. When a new ICP is established, the connection administrator compares the address on the application form to the nearest existing address and adds a digit to the existing ICP. ARC checks if the ICP for the specific address already exists. If it does, the connection administrator is notified, and it is investigated.





UAT test results and the live demonstrations verified that RM met the code requirements.

Audit outcome

Compliant

4.5. Electrically disconnecting an ICP (Clause 3 Schedule 11.1)

Code reference

Clause 3 Schedule 11.1

Code related audit information

Each ICP created after 7 October 2002 must be able to be electrically disconnected without electrically disconnecting another ICP, except for ICPs that are the point of connection between a network and an embedded network, or ICPs that represent the consumption calculated by the difference between the total consumption for the embedded network and all other ICPs on the embedded network.

Audit observation

This was discussed with MARL Staff.

Audit commentary

The ARC system will not have any impact on this activity.

This clause is not applicable to this audit.

Audit outcome

Not applicable

4.6. Distributors to Provide ICP Information to the Registry manager (Clause 7(1) Schedule 11.1)

Code reference

Clause 7(1) Schedule 11.1

Code related audit information

For each ICP on the distributor's network, the distributor must provide the following information to the registry manager:

- the location address of the ICP identifier (Clause 7(1)(a) of Schedule 11.1)

- the NSP identifier of the NSP to which the ICP is usually connected (Clause 7(1)(b) of Schedule 11.1)
- the installation type code assigned to the ICP (Clause 7(1)(c) of Schedule 11.1)
- the reconciliation type code assigned to the ICP (Clause 7(1)(d) of Schedule 11.1)
- the loss category code and loss factors for each loss category code assigned to the ICP (Clause 7(1)(e) of Schedule 11.1)
- if the ICP connects the distributor's network to an embedded generating station that has a capacity of 10MW or more (Clause 7(1)(f) of Schedule 11.1):
 - a) the unique loss category code assigned to the ICP
 - b) the ICP identifier of the ICP
 - c) the NSP identifier of the NSP to which the ICP is connected
 - d) the plant name of the embedded generating station
- the price category code assigned to the ICP, which may be a placeholder price category code only if the distributor is unable to assign the actual price category code because the capacity or volume information required to assign the actual price category code cannot be determined before electricity is traded at the ICP (Clause 7(1)(g) of Schedule 11.1)
- if the price category code requires a value for the capacity of the ICP, the chargeable capacity of the ICP as follows (Clause 7(1)(h) of Schedule 11.1):
 - a) a placeholder chargeable capacity if the distributor is unable to determine the actual chargeable capacity
 - b) a blank chargeable capacity if the capacity value can be determined for a billing period from metering information collected for that billing period
 - c) if there is more than one capacity value at the ICP, and at least one, but not all, of those capacity values can be determined for a billing period from the metering information collected for that billing period-
 - (i) no capacity value recorded in the registry field for the chargeable capacity; and
 (ii) either the term "POA" or all other capacity values, recorded in the registry field in which
 the distributor installation details are also recorded
 - d) if there is more than one capacity value at the ICP, and none of those capacity values can be determined for a billing period from the metering information collected for that billing period-
 - (i) the annual capacity value recorded in the registry field for the chargeable capacity; and (ii) either the term "POA" or all other capacity values, recorded in the registry field in which the distributor installation details are also recorded
 - e) the actual chargeable capacity of the ICP in any other case
- the distributor installation details for the ICP determined by the price category code assigned to the ICP (if any), which may be placeholder distributor installation details only if the distributor is unable to assign the actual distributor installation details because the capacity or volume information required to assign the actual distributor installation details cannot be determined before electricity is traded at the ICP (Clause 7(1)(i) of Schedule 11.1)
- the participant identifier of the first trader who has entered into an arrangement to sell or purchase electricity at the ICP (only if the information is provided by the first trader) (Clause 7(1)(j) of Schedule 11.1)
- the status of the ICP (Clause 7(1)(k) of Schedule 11.1)
- designation of the ICP as "Dedicated" if the ICP is located in a balancing area that has more than 1 NSP located within it, and the ICP will be supplied only from the NSP advised under Clause

7(1)(b) of Schedule 11.1, or the ICP is a point of connection between a network and an embedded network (Clause 7(1)(l) of Schedule 11.1)

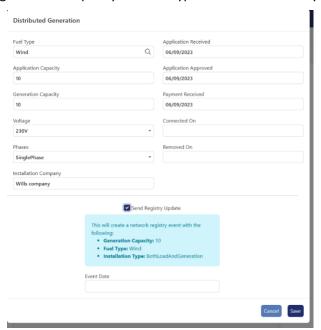
- if unmetered load, other than distributed unmetered load, is associated with the ICP, the type and capacity in kW of unmetered load (Clause 7(1)(m) of Schedule 11.1)
- if shared unmetered load is associated with the ICP, a list of the ICP identifiers of the ICPs that are associated with the unmetered load (Clause 7(1)(n) of Schedule 11.1)
- if the ICP is capable of generating into the distributors network (Clause 7(1)(o) of Schedule 11.1):
 - a) the nameplate capacity of the generator; and
 - b) the fuel type
- the initial electrical connection date of the ICP (Clause 7(1)(p) of Schedule 11.1).

Audit observation

This was discussed with MARL Staff. The system documentation and the UAT plan and results were checked. A live demonstration of 2 ICPs was created, and information input was observed.

Audit commentary

A number of ARC features will ensure the accuracy of information uploaded to the registry from ARC post-implementation. Such as field level validation applied to all fields, information not complying with the registry specifications will not load into the registry and suitable error messages returned to identify the error to be corrected. Mandatory fields are enforced where applicable; for example, if installation types G or B are selected, then generation capacity and fuel type become mandatory.



Network Event history. > Event Date 01/09/2023 > User Reference ARCUTVLfmhQhU2QpY28kPyd/Q > Network Participant Identifier MARL > POC BLN0331 > Reconciliation Type GN > Dedicated NSP Y > Installation Type B > Proposed Trader > > Unmetered Load Details - Distributor 2134;23;More stuff to do here More stuff to dfffff > Shared ICP List > > Generation Capacity 10 > Fuel Type wind > Initial Energisation Date > Direct Billed Status Distributor > Direct Billed Details More stuff to do here More stuf			
User Reference ARCUTVLfmhQhU2QpY28kPyd/Q > Network Participant Identifier MARL > POC BLN0331 > Reconciliation Type GN > Dedicated NSP Y > Installation Type B > Proposed Trader > Unmetered Load Details - Distributor 2134;23;More stuff to do here More stuff to dfffff > Shared ICP List > Generation Capacity 10 > Fuel Type wind > Direct Billed Status Distributor > Direct Billed Details	Network	Event history	>
Network Participant Identifier MARL POC BLN0331 Reconciliation Type GN Dedicated NSP Y Installation Type B Proposed Trader Unmetered Load Details - Distributor Shared ICP List Generation Capacity Tuel Type wind Proposed Trader wind Initial Energisation Date Direct Billed Status MARL PNARL SHN0331 Proposed ANARL SHN0331 Proposed B Show	Event Date	01/09/2023	>
POC BLN0331 > Reconciliation Type GN > Dedicated NSP Y > Installation Type B > Proposed Trader > Unmetered Load Details - Distributor 2134;23;More stuff to do here More stuff to dfffff > Shared ICP List > Generation Capacity 10 > Fuel Type wind > Direct Billed Status Distributor > Direct Billed Details More stuff to do here More stuff to do	User Reference	ARCU7VLfmhQhU2QpY28kPyd/Q	>
Reconciliation Type GN > Dedicated NSP Y > Installation Type B > Proposed Trader > Unmetered Load Details - Distributor 2134;23;More stuff to do here More stuff to dfffff > Shared ICP List > Generation Capacity 10 > Fuel Type wind > Initial Energisation Date > Direct Billed Status Distributor > Direct Billed Details Stuff to do here More stuff to do	Network Participant Identifier	MARL	>
Dedicated NSP Y > Installation Type B > Proposed Trader > Unmetered Load Details - Distributor 2134;23;More stuff to do here More stuff to dfffff > Shared ICP List > Generation Capacity 10 > Fuel Type wind > Initial Energisation Date > Direct Billed Status Distributor > Direct Billed Details	POC	BLN0331	>
Installation Type B Proposed Trader Unmetered Load Details - Distributor 2134;23;More stuff to do here More stuff to dfffff Shared ICP List Seneration Capacity 10 Fuel Type wind Initial Energisation Date Direct Billed Status Distributor More stuff to do here More stuff to do here More stuff to do here More stuff to do here More stuff to	Reconciliation Type	GN	>
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Shared ICP List Generation Capacity 10 Fuel Type wind Initial Energisation Date Direct Billed Status Distributor Direct Billed Details More stuff to do here More stuff to do here More stuff to do here More stuff to	Proposed Trader		>
Generation Capacity 10 > Fuel Type wind > Initial Energisation Date > Direct Billed Status Distributor > Direct Billed Details More stuff to do here More stuff to do here More >	Unmetered Load Details - Distributor	2134;23;More stuff to do here More stuff to dfffff	>
Fuel Type wind > Initial Energisation Date > Direct Billed Status Distributor > Direct Billed Details More stuff to do here More stuff to do here More > stuff to	Shared ICP List		>
Initial Energisation Date Direct Billed Status Distributor More stuff to do here More stuff to stuff to	Generation Capacity	10	>
Direct Billed Status Distributor More stuff to do here More stuff to do here More > stuff to	Fuel Type	wind	>
Direct Billed Details More stuff to do here More stuff to do here More > stuff to	Initial Energisation Date		>
Direct Billed Details stuff to	Direct Billed Status	Distributor	>
Pricing Event history >	Direct Billed Details		>
	Pricing	Event history	>

Audit outcome

Compliant

4.7. Provision of information to registry after the trading of electricity at the ICP commences (Clause 7(3) Schedule 11.1)

Code reference

Clause 7(3) Schedule 11.1

Code related audit information

The distributor must provide the following information to the registry manager no later than 10 business days after the trading of electricity at the ICP commences:

- the actual price category code assigned to the ICP (Clause 7(3)(a) of Schedule 11.1)
- the actual chargeable capacity of the ICP determined by the price category code assigned to the ICP (if any) (Clause 7(3)(b) of Schedule 11.1)
- the actual distributor installation details of the ICP determined by the price category code assigned to the ICP (if any) (Clause 7(3)(c) of Schedule 11.1).

Audit observation

This was discussed with MARL Staff.

Audit commentary

ARC will upload information changes to the registry however the notification timeframe requirements are not influenced by the ARC system. The current process will not change as a result of the ARC system implementation.

This clause is not applicable to this audit.

Audit outcome

4.8. GPS coordinates (Clause 7(8) and (9) Schedule 11.1)

Code reference

Clause 7(8) and (9) Schedule 11.1

Code related audit information

If a distributor populates the GPS coordinates (optional), it must meet the NZTM2000 standard in a format specified by the Authority.

Audit observation

This was discussed with MARL Staff. The system documentation was checked.

Audit commentary

ARC will upload the GPS coordinates to the registry; the current process will not change as a result of the ARC system implementation. GPS coordinates are assigned at the time of ICP identifier creation.

This clause is not applicable to this audit.

Audit outcome

Not applicable

4.9. Management of "ready" status (Clause 14 Schedule 11.1)

Code reference

Clause 14 Schedule 11.1

Code related audit information

The ICP status of "Ready" must be managed by the distributor and indicates that:

- the associated electrical installations are ready for connecting to the electricity supply (Clause 14(1)(a) of Schedule 11.1); or
- the ICP is ready for activation by a trader (Clause 14(1)(b) of Schedule 11.1)

Before an ICP is given the "Ready" status in accordance with Clause 14(1) of Schedule 11.1, the distributor must:

- identify the trader that has taken responsibility for the ICP (Clause 14(2)(a) of Schedule 11.1)
- ensure the ICP has a single price category (Clause 14(2)(b) of Schedule 11.1).

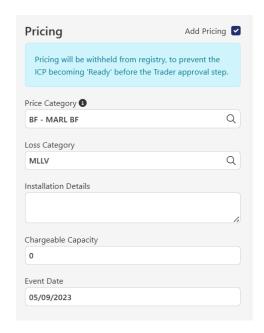
Audit observation

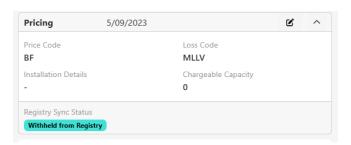
This was discussed with MARL Staff. The system documentation and the UAT plan and results were checked. A live demonstration of 2 ICPs was created, and information input was observed.

Audit commentary

The new connection application process has been modified with the implementation of ARC. MARL decided to change the process as follows:

- ICP identifier will be created in ARC with the required information to set the ICP as "New" in the registry. No price code will be uploaded.
- A proposed trader, nominated by a customer, is asked to accept responsibility for the new ICP
- The trader acceptance is received, MARL assigns a price code to the ICP in ARC
- ARC sends the notification file to the registry, and the registry assigns the status "Ready."







Audit outcome

Compliant

4.10. Management of "distributor" status (Clause 16 Schedule 11.1)

Code reference

Clause 16 Schedule 11.1

Code related audit information

The ICP status of "distributor" must be managed by the distributor and indicates that the ICP record represents a shared unmetered load installation or the point of connection between an embedded network and its parent network.

Audit observation

This was discussed with MARL Staff.

Audit commentary

ARC will upload the distributor status to the registry however the current process will not change as a result of the ARC system implementation.

This clause is not applicable to this audit.

Audit outcome

Not applicable

4.11. Management of "decommissioned" status (Clause 20 Schedule 11.1)

Code reference

Clause 20 Schedule 11.1

Code related audit information

The ICP status of "decommissioned" must be managed by the distributor and indicates that the ICP is permanently removed from future switching and reconciliation processes (Clause 20(1) of Schedule 11.1).

Decommissioning only occurs when:

- electrical installations associated with the ICP are physically removed (Clause 20(2)(a) of Schedule 11.1); or
- there is a change in the allocation of electrical loads between ICPs with the effect of making the ICP obsolete (Clause 20(2)(b) of Schedule 11.1); or
- in the case of a distributor-only ICP for an embedded network, the embedded network no longer exists (Clause 20(2)(c) of Schedule 11.1).

Audit observation

This was discussed with MARL Staff. The system documentation was checked and the UAT plan and results were also checked. A live demonstration of an ICP decommission and information input was observed.

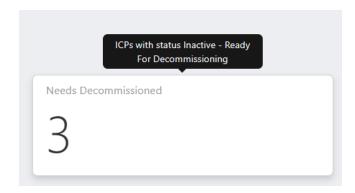
Audit commentary

ARC will upload the decommissioned status to the registry however the current process will not change as a result of the ARC system implementation.

ARC will only allow an ICP status to be changed to Decommissioned under the following conditions:

- 1. The ICP has the status of "New"
- 2. The ICP has the status of "Inactive-Electrically disconnected ready for Decommissioning"

ARC allows to monitoring ICPs for which the status was changed by retailer, allowing to complete decommissioning of ICPs in the registry.





UAT test results and the live demonstrations verified that ARC met the code requirements.

Audit outcome

Compliant

4.12. Maintenance of price category codes (Clause 23 Schedule 11.1)

Code reference

Clause 23 Schedule 11.1

Code related audit information

The distributor must keep up to date the table in the registry of the price category codes that may be assigned to ICPs on each distributor's network by entering in the table any new price category codes.

Each entry must specify the date on which each price category code takes effect, which must not be earlier than 2 months after the date the code is entered in the table.

A price category code takes effect on the specified date.

Audit observation

This was discussed with MARL Staff.

Audit commentary

The current process will not change as a result of the ARC system implementation.

This clause is not applicable to this audit.

Audit outcome

5. CREATION AND MAINTENANCE OF LOSS FACTORS

- 5.1. Updating table of loss category codes (Clause 21 Schedule 11.1)
- 5.2. Updating loss factors (Clause 22 Schedule 11.1)

The current processes will not change as a result of the ARC system implementation.

These clauses are not applicable to this audit

6. CREATION AND MAINTENANCE OF NSPS (INCLUDING DECOMMISSIONING OF NSPS AND TRANSFER OF ICPS)

- 6.1. Creation and decommissioning of NSPs (Clause 11.8 and Clause 25 Schedule 11.1)
- 6.2. Provision of NSP information (Clause 26(1) and (2) Schedule 11.1)
- 6.3. Notice of balancing areas (Clause 24(1) and Clause 26(3) Schedule 11.1)
- 6.4. Notice of supporting embedded network NSP information (Clause 26(4) Schedule 11.1)
- 6.5. Maintenance of balancing area information (Clause 24(2) and (3) Schedule 11.1)
- 6.6. Notice when an ICP becomes an NSP (Clause 27 Schedule 11.1)
- 6.7. Notification of transfer of ICPs (Clause 1 to 4 Schedule 11.2)
- 6.8. Responsibility for metering information for NSP that is not a POC to the grid (Clause 10.25(1) and 10.25(3))
- 6.9. Responsibility for metering information when creating an NSP that is not a POC to the grid (Clause 10.25(2))
- 6.10. Obligations concerning change in network owner (Clause 29 Schedule 11.1)
- 6.11. Change of MEP for embedded network gate meter (Clause 10.22(1)(b))
- 6.12. Confirmation of consent for transfer of ICPs (Clauses 5 and 8 Schedule 11.2)
- 6.13. Transfer of ICPs for embedded network (Clause 6 Schedule 11.2)

The current processes will not change as a result of the ARC system implementation.

These clauses are not applicable to this audit.

7. MAINTENANCE OF SHARED UNMETERED LOAD

- 7.1. Notification of shared unmetered load ICP list (Clause 11.14(2) and (4))
- 7.2. Changes to shared unmetered load (Clause 11.14(5))

The current processes will not change as a result of the ARC system implementation.

These clauses are not applicable to this audit.

8. CALCULATION OF LOSS FACTORS

8.1. Creation of loss factors (Clause 11.2)

Code reference

Clause 11.2

Code related audit information

A participant must take all practicable steps to ensure that information that the participant is required to provide to any person under Part 11 is:

- a) complete and accurate
- b) not misleading or deceptive
- c) not likely to mislead or deceive.

Audit observation

This was discussed with MARL staff.

Audit commentary

The current processes will not change as a result of the ARC system implementation.

This clause is not applicable to this audit

Audit outcome

CONCLUSION

PARTICIPANT RESPONSE

We would like to thank Ewa (TEG & Associates Limited) for undertaking the material change audit. We found the process very helpful, with good questioning around the functionality of ARC and the processes that we have in place.

We are obviously pleased to receive the report highlighting the compliance of ARC with the requirements of the Code. We have no changes or further comments to add to the audit report.

Scott Wilkinson (Commercial Manager).