

9 October 2018

Update

Omnibus and EIEP Forum

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The Electricity Authority promotes competition in, reliable supply by, and the efficient operation of, the New Zealand electricity industry for the long-term benefit of consumers.

- Market Brief - 4 September 2018
- Electricity Education Portal**
- EMI Market statistics and tools

News

- | | | | |
|---|---|---|---|
| <p>04 Sep</p> <p>Market enhancement omnibus one: September 2018</p> <p>As part of our refreshed 2018/19 Work Programme, we are coordinating the consultation processes for more minor projects into an omnibus series.</p> | <p>04 Sep</p> <p>Electricity Industry Participation Code Amendment (Amendments to Certification Reports) 2018</p> <p>We have approved a Code amendment to insert a new clause 8A into Schedule 10.7 of the Code.</p> | <p>28 Aug</p> <p>List of distributed generation eligible to qualify to receive ACOT in the lower North Island</p> <p>The Authority has published a list of distributed generation in the lower North Island as well as a decision paper.</p> | <p>28 Aug</p> <p>Consumers to receive ACOT and up to 10% discount</p> <p>Submit your application for ACOT...</p> |
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Operations > Industry participants

Electricity Education portal

The Authority's Electricity Education portal provides easy to follow visual links to electricity information.

In this section:

- Wholesale market
- Transmission
- Distribution
- Retail market

Industry participants

- Participant register
- How to register as a participant
- Participant identifiers
- Participant events and education

Electricity Education portal

- Market operation service providers
- Consumer services

The **Electricity Education portal** was developed in conjunction with Whiteboard Energy and it makes information about the electricity system easy to find. It will assist with improving awareness and understanding of how the New Zealand electricity market functions for existing participants and those new to the sector.

Data visualisation software has been applied to electricity sector guidelines to present information in an easily accessible format. Users who are looking for more in-depth information can follow links to find as much detail as they need.

The tool focuses on the relationships between hundreds of different topics and knowledge areas within the guidelines. It is like a three dimensional neural network of electricity sector knowledge.

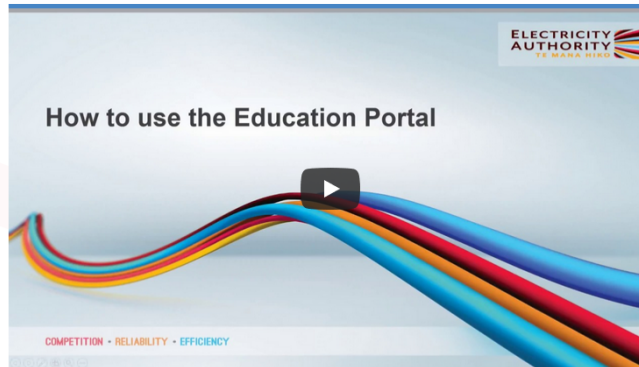
[Electricity Education portal](#)

How do I use the portal?

To assist you to use the portal and we have developed a user guide and video.



[User Guide - Electricity Education portal](#)
User-Guide-Electricity-Education-portal.pdf (PDF, 3 MB)
Last updated: 25th June 2018



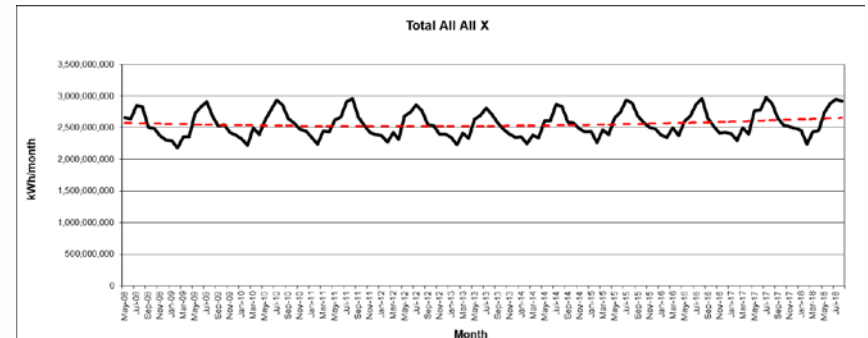
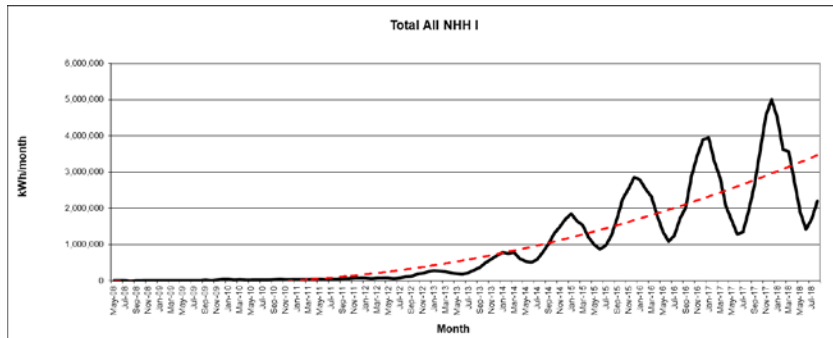
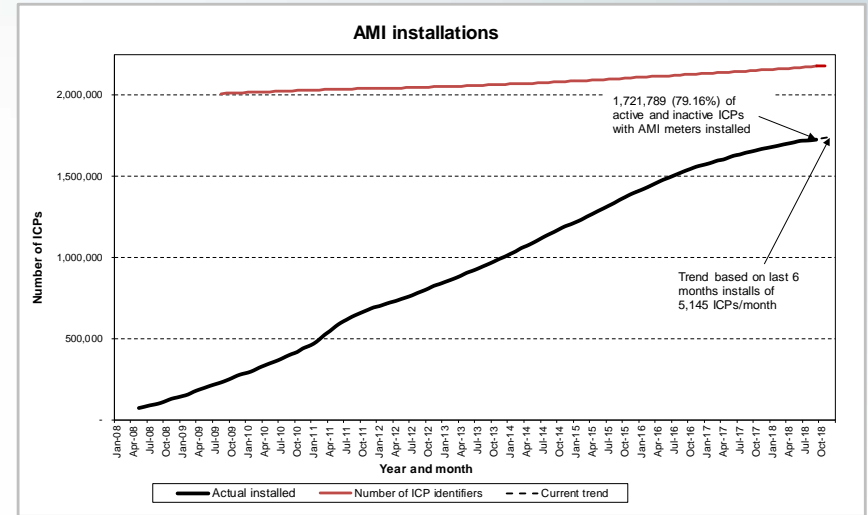
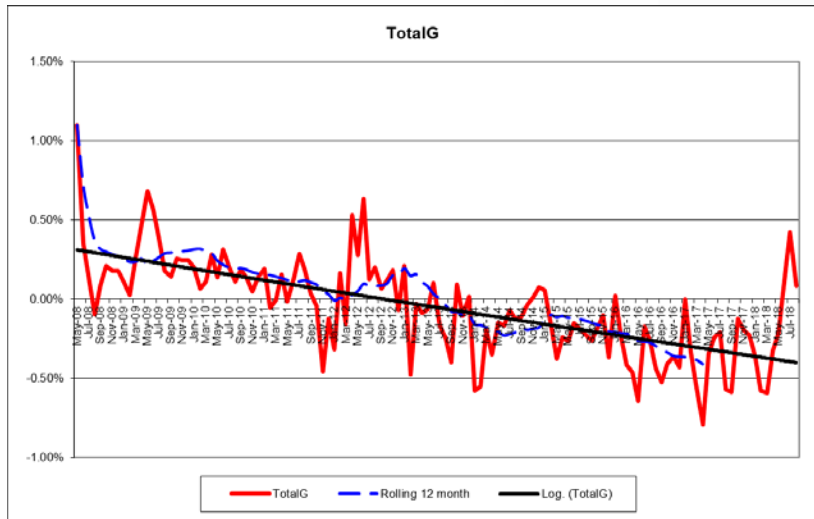
How do I provide feedback on the portal?

Feedback we received prior to launch has been extremely positive – however we'd love to know how you find the tool. If you'd like to provide feedback on the portal please email marketoperations@ea.govt.nz.

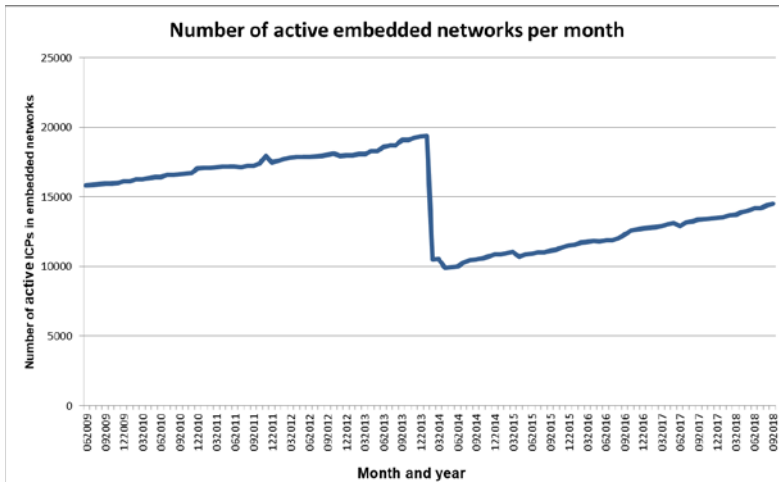
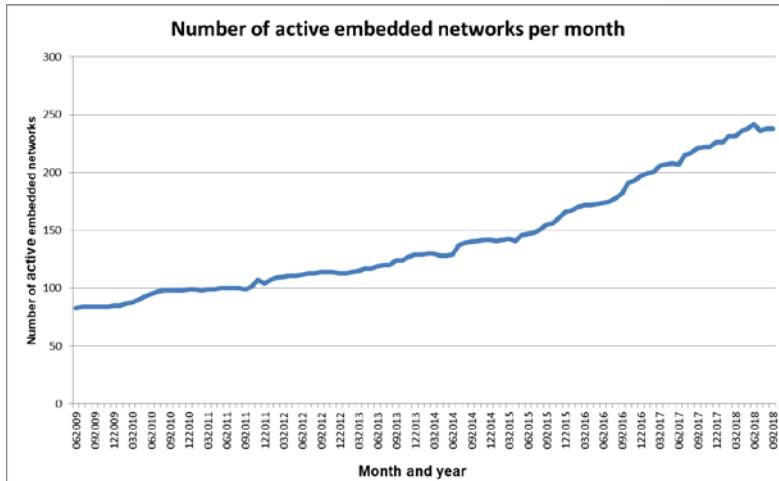
Education Portal

- Centre tile on Authority web page <https://www.ea.govt.nz/>
- User notes and video is available at <https://www.ea.govt.nz/operations/industry-participants/electricity-education-portal/>
- Portal is available at <http://education.ea.govt.nz/>

UFE, meters and electricity flows

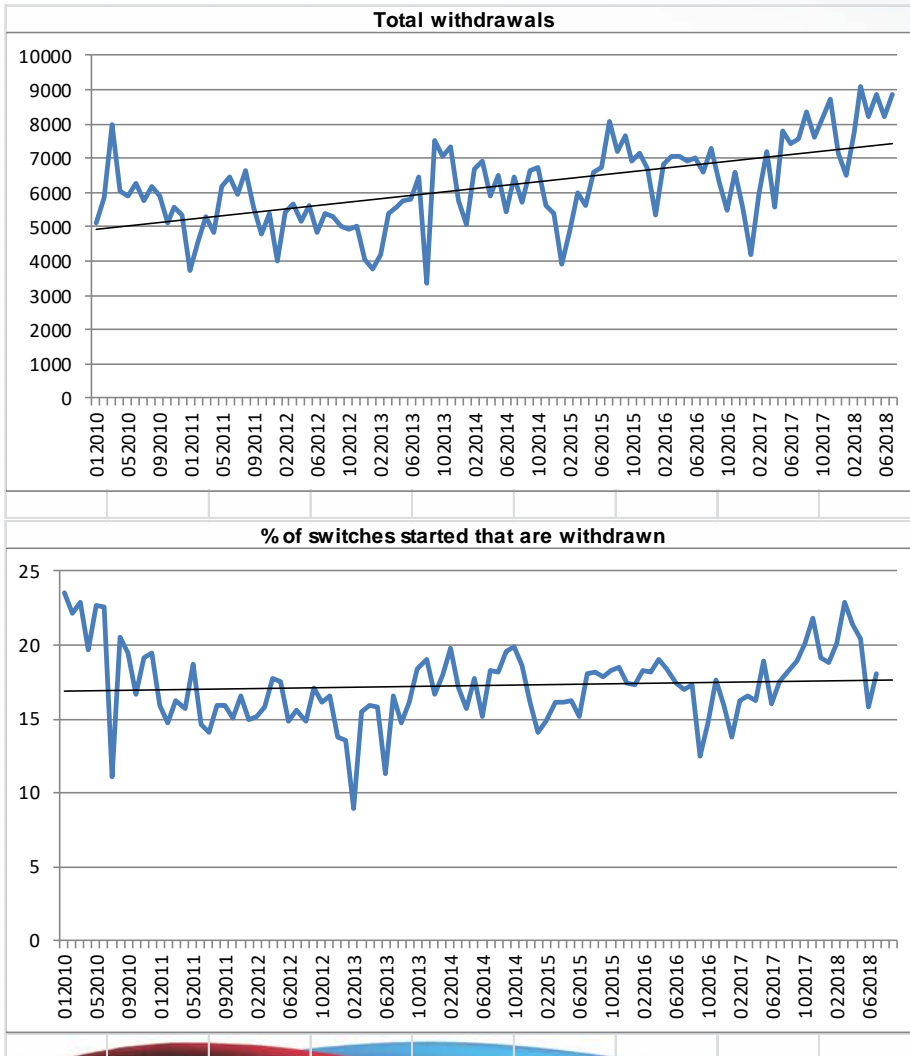


Embedded networks



- There are currently 238 embedded network NSPs, spread over 43 participant identifiers and 14,508 active ICP identifiers (1/10/2018)
- Embedded network owners defined as distributors under the Act (since 1 July 2017) and the Code
- Embedded networks may become more prevalent as physical microgrids develop

Trader ICP switch withdrawals



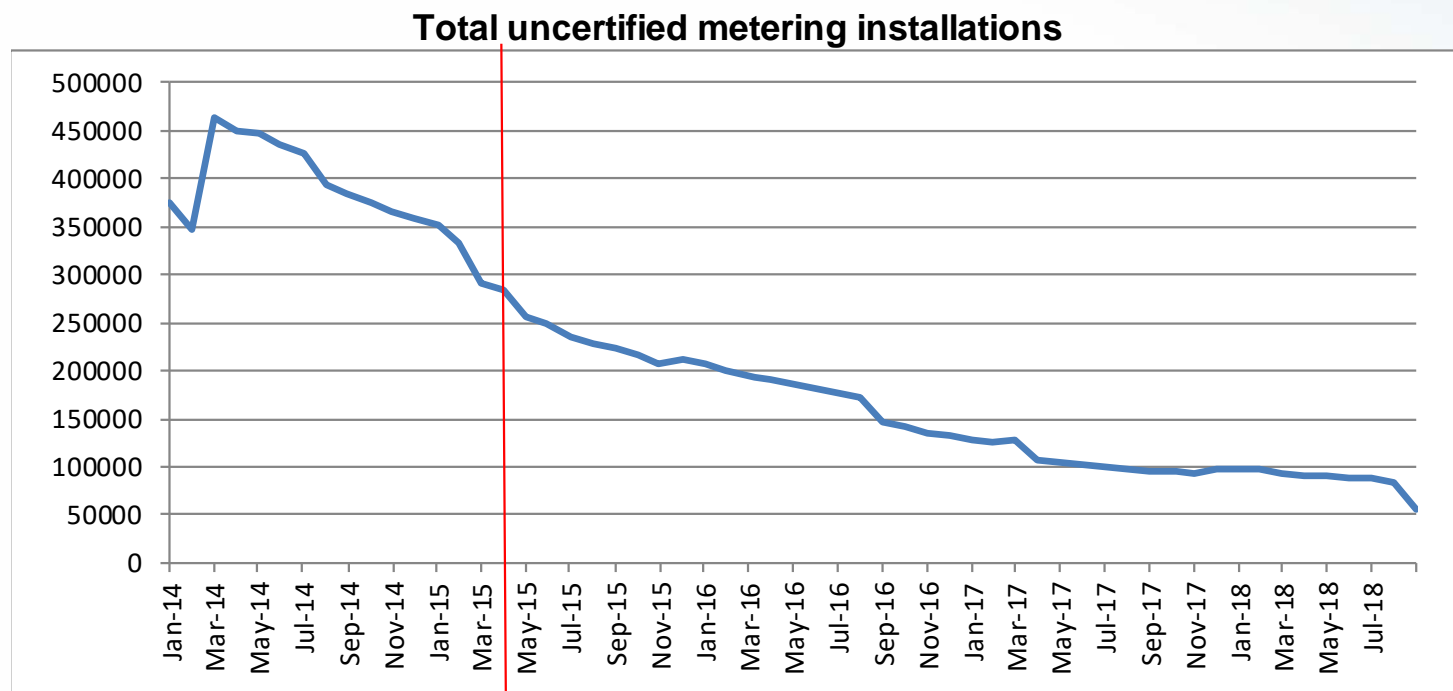
- Switch save protection scheme may restrict losing retailer making a customer re-offer during the switch process period
- Switch may be withdrawn up to 2 months after the switch event date but only if the losing and gaining trader both agree
- Withdrawal request **must** use the appropriate withdrawal code, refer to SD-020.
- Two x customer initiated withdrawal codes.
 - “CE” Customer error - Customer cancels the switch because the original switch request was an error (e.g. customer provided incorrect information)
 - “CX” Customer cancellation - Customer cancels the switch for a reason other than that in CE (e.g. the customer changes their mind)

Electrically connecting an ICP

- Connection and electrical connection guidelines published 26 June 2018 at <https://www.ea.govt.nz/operations/distribution/connecting-and-electrically-connecting-nsps-and-icps/>
- Sets out the process as required in the Code as follows
 - only a trader can request connection of an ICP [10.31(2)]
 - only a distributor can connect an ICP [10.31(1)]
 - only a reconciliation participant recorded in the registry as responsible for an ICP can electrically connect an ICP [10.33A(1) and (4)]
 - for the first time electrical connection of a new ICP, the distributor must give its consent [10.33A(1)(c)]

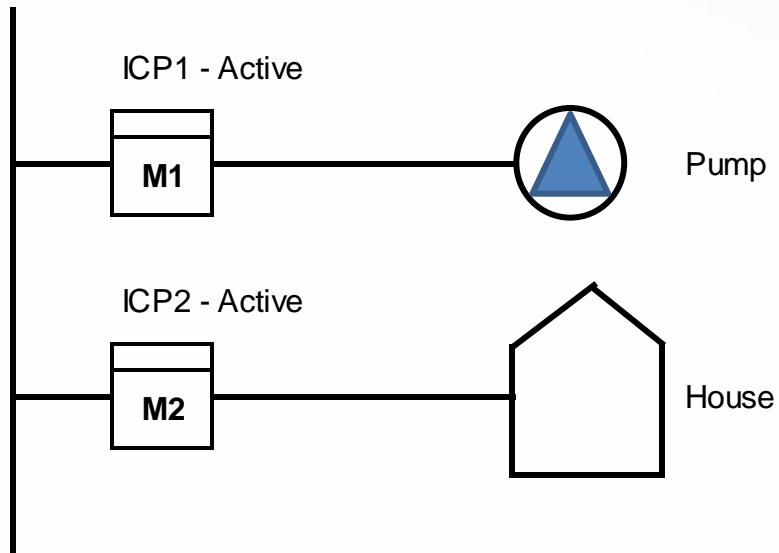
Uncertified metering installations

- Reconciliation participants (includes traders) must provide MEPs with access to metering installations (Clause 10.7 of Part 10)
- As at 7/10/2018 there were 55,799 active and inactive ICPs with uncertified metering installations



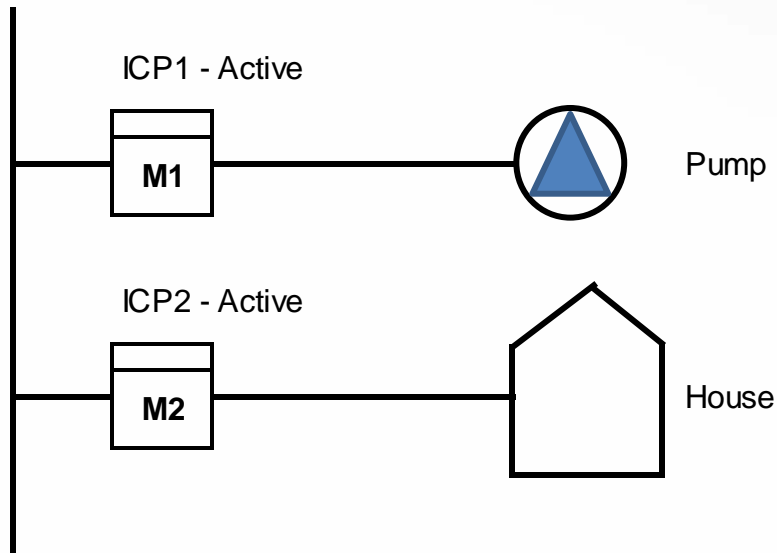
Use of reconciled elsewhere status

Network

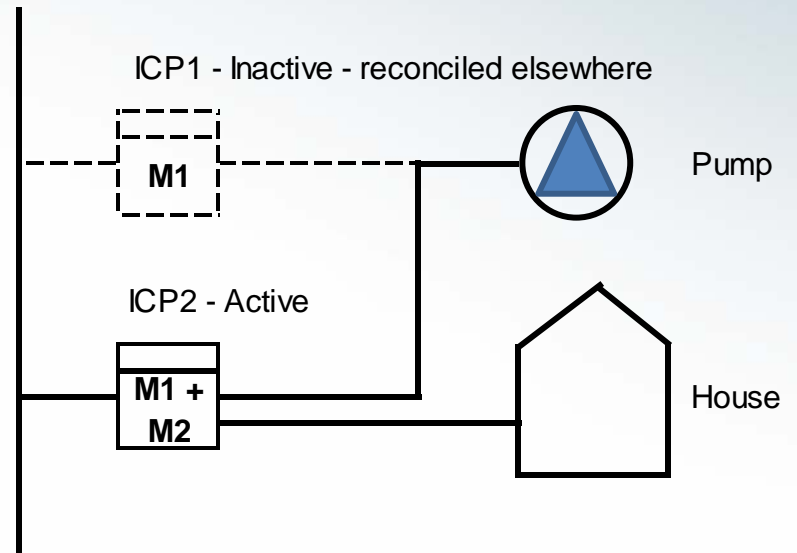


Use of reconciled elsewhere status

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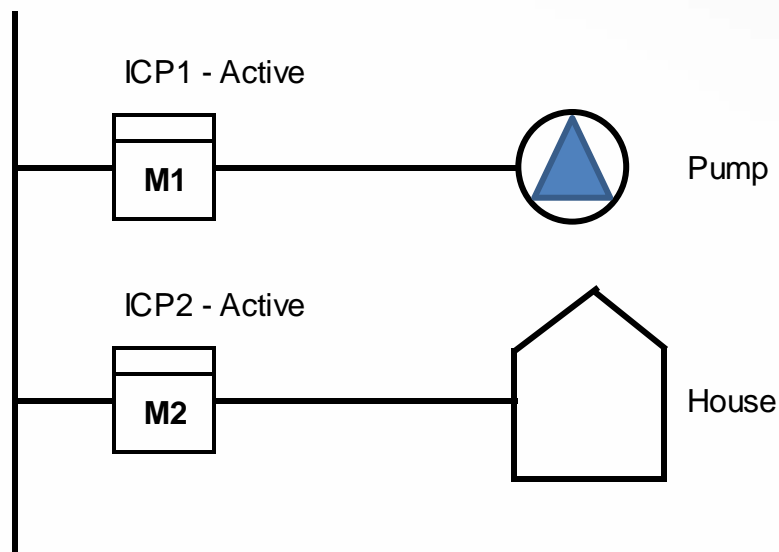


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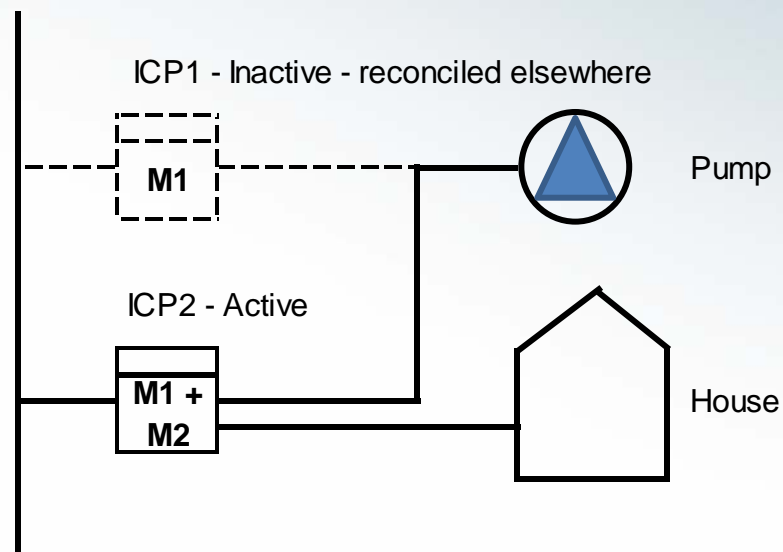


Use of reconciled elsewhere status

Network



Network



- The “Inactive - reconciled elsewhere” status and reason is used to merge two ICPs into one
- The risk when switching ICP2, is that
 - ICP1 will not be switched or settled by the gaining trader, it remains the responsibility of the losing retailer
 - M1 will not be reconciled or invoiced

AMI RR process

- The Code requires AMI metering installation channels to have a switch event meter reading in the CS file issued by the losing trader for channels recorded as accumulator type “C” and settlement indicator “Y” in the registry
- The Code requires the switch event meter reading to be as at the day of the switch, not necessarily at midnight
- A gaining trader may, provide a replacement switch event meter read from an AMI meter, but only if
 - the losing trader had not provided an AMI switch event meter reading for the switch event day
 - the gaining trader provider the replacement read in 5 BDs or less from the date it receives the CS file
- The Code also requires both the losing and gaining trader to use the same channel reading in its electricity market settlements

Register content codes

- Just a refresh. The Authority reviewed register content codes, and a decisions paper was published on 20 March 2018 at <https://www.ea.govt.nz/development/work-programme/operational-efficiencies/2017-operational-review-of-register-content-codes/development/decision-and-summary-of-submission-register-content-codes-operational-review-2017/>
- Changes are set out in Appendix A of the decisions paper
 - Use of some current register content codes are grandfathered on individual ICPs until the next metering installation recertification, eg use of CN for night only
 - Some register content codes are grandfathered on individual ICPs until the next metering installation recertification as they have been replaced by other register content codes eg SENW, SEOP, SEPK. Generic codes for all new metering installations
 - Some register content codes have had their descriptions clarified eg OP, PK and SH
 - Some register content codes have been added, eg NO and NB

Code Review Programme (CRP) 2018

- The Authority carries out an Code Review Programme (CRP), where a particular discrete issue does not warrant the resources for its own consultation process, ie they are minor issues
 - Addresses various themes or issues that arise throughout the Code
 - We consulted on 23 amendments over the period 16 Jan 2018 to 6 March 2018
 - Decisions paper published 2 October 2018
- The decisions paper is hard to find, currently located at <https://www.ea.govt.nz/development/work-programme/operational-efficiencies/code-review-programme/consultations/>
 - Not all proposed amendments have proceeded
 - Various implementation dates for the amendments summarised as follows

Code Review Programme (CRP) 2018

Reference number	Topic	Decision	Date Code amendment comes into force
2018-01	Clarifying requirement to update registry metering records	Implement the proposal without change	1-Nov-18
2018-02	Timeframe for distributors to give written notice of ICP decommissioning	Implement the proposal without change	1-Nov-18
2018-03	Clarifying the scope of an appeal under clause 8.36	Implement the proposal without change	1-Nov-18
2018-04	Clarifying when losing trader must respond to switch move request	Implement an amended form of the proposal	1-Nov-18
2018-05	Block dispatch agreement notification	Implement the proposal without change	1-Nov-18
2018-06	Amending or rescinding an approved shorter post-default exit period	Implement an amended form of the proposal	1-Nov-18
2018-07	Clarifying Code requirements for ICP information relating to chargeable capacity	Implement an amended form of the proposal	1-Feb-19
2018-08	Amending the timeframe for the clearing manager to calculate constrained off/on amounts	Implement an amended form of the proposal	1-Nov-18
2018-09	Calculation of switching event dates	Implement an amended form of the proposal	1-Nov-18
2018-10	Requirement to have an arrangement with a customer or embedded generator at an ICP before commencing the switch process	Implement the proposal without change	1-Nov-18
2018-11	Providing submission information to the reconciliation manager	Implement an amended form of the proposal	1-Nov-18

Code Review Programme (CRP) 2018

Reference number	Topic	Decision	Date Code amendment comes into force
2018-12	Removing repeated obligations to report Code breaches and to publish these reports	Implement an amended form of the proposal	1-Nov-18
2018-13	Timeframe for completing switch event meter reading disputes	Implement the proposal without change	1-Feb-19
2018-14	Clarifying requirement for distributors to give written notice of change to network supply point identifier	Implement an amended form of the proposal	1-Aug-19
2018-15	Clarifying clauses 19, 21, and 22 of Schedule 15.2	Implement an amended form of the proposal	1-Nov-18
2018-16	Switching ICPs with category 3 or higher metering installations that have advanced metering infrastructure (AMI) components	Implement an amended form of the proposal	1-Feb-19
2018-17	Removing the defined term "customer" from Part 1	Implement an amended form of the proposal	1-Nov-18
2018-18	Update to security forms under Schedules 14A.2 to 14A.	Implement an amended form of the proposal	1-Nov-18
2018-19	Making volume information permanent	Implement the proposal without change	1-Feb-19
2018-20	Shorter timeframes for gaining metering equipment provider (MEP) to receive and provide notifications	Not to implement the proposal, but instead to undertake further work	Not applicable as proposal withdrawn
2018-21	Decommissioning a metering installation	Implement the proposal without change	1-Nov-18
2018-22	Clarifying when a reconciliation participant may connect or electrically connect certain points of connection	Implement an amended form of the proposal	1-Nov-18
2018-23	Editorial corrections to the Code	Implement an amended form of the proposal	1-Nov-18