

Memo

To Participants
From Grant Benvenuti
Date 31 October 2016
Subject Export metering on multiphase metering installations

For your information

The Authority has recently received a request to clarify the requirements in the Electricity Industry Participation Code 2010 (Code) for import/export metering on multiphase metering installations.

Clauses 10.13 and 10.24(b) and (c) and clause 4(2)(a) of Schedule 10.7 of the Code work together to require respectively:

- the metering equipment provider to ensure that all electricity conveyed through a point of connection (in either direction)¹ is accurately quantified (clause 10.13) and is not configured to use subtraction (clause 4(2)(a) of Schedule 10.7)
- the trader to ensure that subtraction is not used to determine submission information where the metering information is used for reconciliation (clauses 10.24(b) and (c)).

Any injection for any one phase or register back into the distributor's network is an "injection" under the Code, regardless of what is happening on the other phase(s) or register(s). Therefore, each phase or register that is capable of injection and extraction needs to have both values separately metered, and not subtracted from the measurement of other phases or registers, which would be "net metering".

Note that for multiphase supplies, under the Code, an injection on any one or more of the phases is still 'electricity conveyed' on the distributor's network even if there is matching import on other phases.

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Manager Market Operations

¹ Clause 10.13(4) provides exceptions for unmetered load or electricity supplied by an embedded generator who has given the reconciliation manager a notification (gifting certificate) under clause 15.13.