

# Flexible Trading Arrangements

## Outages and Disconnections



# Outages/Disconnections

# Final Determination

- The FTA Final Determination indicates:

For the purposes of settlement, AEMO metrology procedures will specify that when metering data providers (MDPs) 'flag' to AEMO that there is a disconnection or network outage at the connection point, AEMO will use that flag when processing the metering data for the SSPs (and revert the value to zero). This will flow through to existing arrangements for settlement under Chapter 3 of the NER.

- The FTA requirement to revert the value to zero when the installation is not connected to the NEM is also extended to existing Embedded Networks where there is a disconnection or Network Outage at the Embedded Network Parent connection point.

# Disconnection from NEM

- The metrology procedure must include:
- 7.16.2 (c)(6)(v) the method to be used by a metering data provider to determine the metering data for a secondary settlement point or a child connection point where its connection point or parent connection point has been de-energised or disconnected or network service its connection point or parent connection point is experiencing and outage

# Network Outage

- Problem
  - metering data providers (MDPs) ‘flag’ to AEMO that there is a network outage at the connection point
- Context
  - CP metering reads will have a ‘flag’ to identify when the SSP or child CP settlement read must be set to zero
- Assumptions
  - An MDP can identify or is advised when there is loss of supply at the connection point, this may be after the meter is re-energised after an outage.
  - MDM does not currently ingest any reason codes delivered in the NEM12 file.
  - AEMO is not a MDP and does not update metering reads provided by the registered NMI MDP.
- Outcome
  - Determine the best solution for the problem

# Network Outage - Proposal

- MDP for Premise Connection Point or Parent Connection Point
  - metering data providers (MDPs) will include a reason code for each interval read where the full interval period is impacted by the network outage.
  - When communication to the meter has been re-established, metering read of zero with a reason code of 79 'outage' must be provided for each interval.
  - metering read method may be either F "final substitute" or A "actual" with substitution method as detailed in the Metrology Procedure.
- AEMO
  - Ingest and store the reason code on receipt of the metering data
  - Use the reason code during the settlement process to set the SSP or child CP settlement value to zero for the affected trading intervals.
  - Report trading intervals for each SSP or child CP that have AEMO has settled for zero due to outage.

# Disconnection

- Problem
  - metering data providers (MDPs) ‘flag’ to AEMO that there is a disconnected at the connection point.
- Context
  - CP metering reads will have a ‘flag’ to identify when the SSP settlement read must be set to zero
  - DNSPs apply different approaches of when they de-energise a NMI in MSATS.
- Assumptions
  - An MDP can identify or is advised when there is disconnected at the connection point.
  - AEMO MDM settlements determines disconnected NMIs by the datastream status not NMI status
- Outcome
  - Determine the best solution for the problem

# Disconnection - Requirement

## Participant feedback

- Disconnection of Premises Connection Point or Parent Connection Point can be completed in multiple ways:
  - Updating the NMI status from Active to another status
  - Updating the meter installation status to de-energised for all installed meters
  - Updating the NMI datastream status to inactive

## AEMOs current PAE process

- The current AEMO settlement process uses the NMI datastream to identify where metering reads will not be sent and are not to be used in the settlement process.
- Currently all metering reads received that support active NMI datastreams are settled, irrespective of the NMI or Meter Installation Status.



# Disconnection - Proposal

- MDP where the NMI datastream is Active where NMI is disconnected or meter is de-energised
  - metering data providers (MDPs) will include a reason code for each interval read where the full interval period is disconnected or de-energised.
  - metering reads must include a reason code of 33 'de-energised' for each interval.
  - metering read method may be either F "final substitute" or A "actual" with substitution method where required as detailed in the Metrology Procedure.
  - Metering reads are not required to be supplied for NMIs with inactive datastreams.
- AEMO
  - Ingest and store the reason code on receipt of the metering data
  - Identify where a premises CP or Parent CP has inactive datastreams and the SSP datastreams are active\*.
  - Use the reason code or datastream status during the settlement process to set the SSP or child CP settlement value to zero for the affected trading intervals.
  - Report trading intervals for each SSP or child CP that have AEMO has settled for zero due to outage.

\*SDQ reporting will identify and report these exemptions to the appropriate participant.