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EIEP Decisions paper
Omnibus and EIEP Forum

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Electricity information exchange protocols (EIEPs) – 2017 operational review

- Consulted on amendments to EIEPs, 4 August 2017 to 22 September 2017

- Decisions paper released on 2 October 2017
  https://www.ea.govt.nz/development/work-programme/operational-efficiencies/2017-operational-review-of-electricity-information-exchange-protocols-eieps/development/operational-review-of-eieps/

- New version 11 will become effective 2 October 2019 for all modified EIEPs apart from EIEP5A

  - specifications contained in the back of the Decisions paper

  - note that regulated EIEPs must comply with the new specifications

  - EIEP5A is now regulated

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General amendments

- We have

  - aligned terminology, largely reflecting ENA's pricing guidelines for electricity distributors

  - improved clarity and consistency of formats and business requirements

  - made some amendments which promote more standardisation and improve operational efficiency

  - released a new version 11 that will become effective 2 October 2019

- We are consulting separately on further issues on EIEP5A planned service interruptions (Discussion on that is the next topic)

  - standardised reporting methodology - may require further amendment

  - delivery options via the registry

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EIEP1 - Detailed ICP billing and volume information

- EIEP1 - Trader <> Distributor

  - allow distributors to use data to provide information to ERM

  - files may be provided to support buyer-created invoices

  - amend names of the normalised reporting methodologies

  - correct description of 'replacement RM normalised'

  - new file types for distributor to trader files:
    - ICPHHR –billing file for HHR ICPs
    - ICPNHH –billing file for NHH ICPs
    - ICPALL – a single billing file for both HHR and NHH ICPs

EIEP1 - Detailed ICP billing and volume information cont

- EIEP1 - Trader <> Distributor

  - new business requirement 4
    - clarified the timeline for delivering 'replacement RM normalised' revision month files

  - amend POC validation rule
    - reflect it is for the period between the start date and end date

  - amendments to business requirements and fields
    - too numerous to list
    - will require participant system changes

  - further consultation will occur on single reporting methodology November 2017

EIEP2 - Aggregated billing and volume information

- EIEP2 - Trader <> Distributor

  - change 'Price category code" field to 'Price description"

  - amend 'Unit of measure' table, consistent with changes made to EIEP1

  - amend file types for distributor to trader files:

    - SUMHHR if split billing file for HHR ICPs

    - SUMNHH if split billing file for HHR ICPs

    - SUMALL if single billing file for both HHR and NHH ICPs

    - SUMRECN if the billing file is for chargeable quantities derived from reconciled volumes

EIEP3 - Half hour metering information

- EIEP3 - trader > distributor

  - specify a file cannot cover more than one calendar month

  - specify the combination of ICP, Data Stream ID, Date, Period, Flow direction, and Data stream type must be unique within a file

EIEP4 - Customer information

- EIEP4 - trader > distributor

  - new business requirements 16 and 17 to alert the distributor that with incremental files:

    - there may be multiple customer change triggers within a day,

      - the trader may provide multiple records for the same ICP or just the last record

    - the reason for a detail record could be a reversal

  - increase phone number fields to 20 characters

  - increase email field to 254 characters

    - allow for multiple email addresses

EIEP5A - Planned service interruptions

- EIEP5A – distributor > trader

  - now a <u>regulated EIEP</u> - we will consult further on a registry delivery mechanism in November 2018

  - new communication type code PLI
    - indicate initial advice is for information only

  - repurpose code PLR to capture all revisions
    - add an optional 'revision reason' free text field to associate with PLR

  - specify that each planned service interruption event must be represented in its own file
    - may include more than one interruption

EIEP5A - Planned service interruptions cont

- EIEP5A – distributor > trader

  - delete report period start and end dates in the header record

    - repurpose 'report period start date' as the 'distributor event number'

    - retain 'report period end date' as 'Spare'

  - add optional URL field where the customer can go to get updated or additional information

    - several business requirements amended

    - new business requirement 22, setting out default notification periods

    - new business requirement 23, including active and inactive ICPs

EIEP5B – Unplanned service interruptions

- EIEP5B – distributor > trader
  - no major changes

EIEP6A and 6B - Faults and service requests

- EIEP6A - trader <> distributor

- EIEP6B - trader <> distributor, trader <> Field Services Provider

  - new job type code CCL to enable the trader to cancel a service request already communicated in an Initiation file

  - delete duplicate field for job closure codes in the Status updates and closure files:
    - in their place use a retained field with an amended description to convey either additional information or the reject reason code

  - delete table 3 'other' codes as they duplicate table 6
    - reject reason job closure codes

EIEP6B only - Faults and service requests

- EIEP6B additional to previous slide - trader <> distributor, trader <> Field Services Provider

  - delete the job status code in the initiation file as inappropriate

  - move the four job closure fields in the initiation file to the status updates and closure file

  - amend "service provider" to "field services provider"

  - amend the initiation file to reflect the correct file direction

  - amend the status updates and closure file to reflect the correct parties

EIEP7 – General installation status change

- EIEP7 - trader > distributor

  - no major changes

EIEP8 - Network price category change notification

- EIEP8 - trader <> distributor

  - clarify the use of EIEP8

  - amend the file type from TARCHG to NPCCHG
    - to reflect the preference to cease using the term "tariff"

  - new rejection file for the recipient
    - if proposing rejecting any of the notified changes

  - make notification file trader to distributor only
    - and rejection file distributor to trader only

  - add 'price category' and 'date the change was requested for' to the rejection file

EIEP9 - ICP physical address change notification

- EIEP9 - trader > distributor

  - no major changes

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EIEP11 - New connections information

- EIEP11 - trader <> distributor

  - no major changes

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EIEP12 - Delivery price change notification

- EIEP12 - distributor > trader and distributor > the Authority

  - correct the file direction and responsibility

  - new business requirement 9
    - all information in EIEP12 must be consistent with the distributor's published delivery price schedule

  - new business requirement 11
    - distributor to provide information in accordance with the status codes

  - amend unit of measure table
    - to reflect that the unit of measure is the type of unit applicable to each fixed and variable delivery price

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EIEP12 - DELIVERY PRICE CHANGE NOTIFICATION

- EIEP12 - cont

  - make the register content code and period of availability fields optional

  - add 'Pricing methodology' field
    - ensures clarity by identifying whether variable delivery price is ICP or GXP based

  - amend application section
    - change reference from 'consumers' to 'ICP'
    - reflect it is the ICP that has the metering installation(s)

  - delete XML tag entries, Recipient participant identifier field, Meter register code field

Implementation

- EIEP5A – no implementation date yet

  - waiting on further consultation for delivery mechanism

- All other EIEPs come into force 1 October 2019

- <u>Note</u>: there may be further changes to EIEP1 (and 2) that do not affect the file structure

  - further consultation on single reporting methodology, possibly released November 2018

- Question – is industry testing required?