

| Market Change Request 1209 | | | Annual Consumption for HH Sites | | |
|----------------------------|------------------|-----------------|---------------------------------|--------------------|------------|
| Status | Issued to Market | Priority | Medium | Status Date | 15/09/2021 |

| Date | Version | Reason for Change | Version Status |
|------------|---------|-------------------|----------------|
| 27/01/2021 | 1.0 | Issued to Market | Final |
| 24/03/2021 | 2.0 | Issued to Market | Final |
| 16/06/2021 | 3.0 | Issued to Market | Final |
| 15/09/2021 | 4.0 | Re-Versioned | Final |

| Part 1 DETAIL OF DISCUSSION REQUEST / MARKET CHANGE REQUEST | | | |
|---|---------------|---------------------------------|-----|
| Requesting Organisation(s) | Iberdrola | Originating Jurisdiction | RoI |
| Request Originator Name | Alan Davidson | | |
| Date Raised | 28/07/2020 | | |

| Classification of Request | | | |
|--|------------------|--|--------------|
| Jurisdictional Applicability | RoI | Jurisdictional Implementation | RoI Specific |
| If jurisdictional implementation is for one jurisdiction only – is the other jurisdiction required to effect any changes? | N/A | Co-Ordinated Baseline Version No. | No Impact |
| Change Type | Schema Impacting | | |

| Detail of Request |
|---------------------------|
| Reason for Request |

Background

The existing industry design provides a value known as "estimated consumption" within the 320MM which issues following the completion of a COS.

The value is importantly used to provide an annual estimate consumption for the site which has come onto supply. As 320MM only issues for non interval sites as part of NSMP, this value is not provided during a reconfiguration to HH from NHH or where there is an existing HH to HH switch.

For an initial take on, it is important to have this value to gauge initial estimated annual consumption (the reason it was provided for domestic consumers in the original industry design). As the NSMP design used the existing QH solution as a framework for developing the HH design it did not provide a similar value for domestic take ons.

Following a switch to a supplier who plans on offering smart PAYG, the only available insight in relation to credit management will be the EAC. It becomes more NB that this data is available to support the correct initial credit management (credit based on consumption shape) in order to best manage the smart PAYG service. Without the EAC, the new supplier has no systemised view of the historical estimate consumption as they currently do for other forms of metering.

Proposed Solution

For MPRNs where the MCC is MCC12 at the time of CoS completion:

- The Central Market System calculates consumption for the previous (up to) 365 days prior to CoS Effective Date minus 1.
- Where the base period does not cover a full year the Central Market System will apply a factor calculated on the ratio of 365 days and the length of the base period.

Data Provision Mechanism to Market Participants

Enduring Solution

The field 'Estimated Consumption' will be added to the 105MM.

Interim Solution

Market Participants will be provided with a daily file using a temporary SFTS facility. The file will be made available per Market Participant and will include the following information for the previous day:

- MPRN
- CoS Effective From Date
- Estimated Consumption value per MPRN

This file can contain information for one or multiple MPRNs. No file will be created where the Market Participant has no Change of Supplier effected for MCC12 MPRN/s for the previous day.

Delivery Mechanism Option

This MCR includes two delivery mechanisms for the EAC:

- Optional Interim – SFTS file (Non Schema impacting)
 - This is the existing mechanism proposed in the previous versions of the MCR
- Mandatory Enduring – New field on the 105MM (Schema Impacting)
 - This is the new mechanism which has been added to the re-versioned MCR.

ESBN will seek guidance from Market Participants as to whether the interim solution is required or not. If the interim solution is not required then ESBN will remove reference to the interim delivery mechanism from the MCR and reversion once again.

The following scenarios will be part of the non-schema solution proposed, to provide a single EC figure for all scenarios:

- ~~1. MCC01 – MCC01 – not included as already addressed~~
- ~~2. MCC01 – MCC16 – not included as already addressed as a single EC figure~~
- ~~3. MCC01 – MCC12~~
- ~~4. MCC16 – MCC16 – not included as already addressed as a single EC figure~~
- ~~5. MCC16 – MCC12~~
- ~~6. MCC12 – MCC12~~
- ~~7. MCC12 – MCC16 – EAC will be provided at register level – the annual consumption is calculated based on the consumption history~~

The scope of the solution includes:

- ~~An SAP ISU subroutine is available that provides an Initial EUF Calculation for MCC Changes. This subroutine providing a single EC figure includes:~~
 - ~~Determines simulation periods~~
 - ~~Identifies all contracts of the MPRN within the last year with their start and end date~~
 - ~~Performs the billing simulation for these contracts for the past year~~
 - ~~Determines start and end date of the simulation period for each contract~~
 - * ~~Start date max. 365 days prior to CoS~~
 - * ~~End date CoS date – 1 or less if interval data missing~~
 - ~~Consolidates the consumption from the billing line items of the simulated billing documents into a total consumption~~

- Adjusts the total consumption figure to a annual consumption figure
 - Where the overall simulation did not cover a full year, apply a factor calculated on the ratio of 365 days and the length of the total simulation period
 - Storage of the calculated EAC for Smart interval metered site against the associated Process document (Switch document)
 - Suppliers will be provided with EAC value via the Secure File Transfer which will provide a periodically flat file (per supplier) including all CoS events where EAC calculation has been performed
- Issues to address
- Compliance with GDPR and data sharing rules

Scope of Change

| Jurisdiction | Design Documentation | Business Process | DSO Backend System Change | MP Backend System Change | Tibco | Supplier EMMA | Schema | Webforms | Extranet/NI Market Website |
|--------------|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|----------------------------|
| ROI | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| NI | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> |

Co-Ordinated Baseline Market Design Documents Impacted by Request

Market Messages

| Message No. | Message Name | CoBL | ROI | NI |
|-------------|---------------------------------|------|-----|----|
| 105 | Change of Supplier Confirmation | | Y | |

Data Definitions

No Impact

Data Codes

No Impact at present

Market Message Implementation Guides

| ROI | Yes/No | NI | Yes/No |
|--------------------|--------|----|--------|
| Meter Registration | Yes | | |

Comments

ROI - Market Process Diagrams – MPDs

| Market Procedure | Affected | |
|---------------------------------------|----------|--|
| MPD01 - Change of Supplier NQH | Y | |
| MPD02 - Change of Supplier QH Metered | Y | |

NI - Market Procedures

| Market Procedure | Affected | |
|------------------|-----------|--|
| No Impact | No Impact | |

ROI Guidance Documentation

| Document | Version | Affected |
|-----------|---------|-----------|
| No impact | | No Impact |

ROI Briefing Document

| Briefing Document | Affected | |
|-------------------|----------|--|
| No Impact | Y | |

User and Technical Documents

| Reference | Name | Version | Affected |
|-----------|------|---------|-----------|
| No impact | | | No Impact |

Part 2 - Performance and Data Changes

| | |
|---|--|
| Market Messages volume, processing etc. | |
| Data | |
| Details of Data changes e.g. cleansing | |

Part 3 - ReMCoSG / CRU Approval

| Approved by | ReMCoSG | CRU |
|-----------------|---------|-----|
| | | |
| Comments | | |
| | | |