

# AEMO POWER OF CHOICE (POC) METER CHURN DISCUSSION

24/02/2017

# POWER OF CHOICE INDUSTRY MEETING

## AGENDA

- Introduction
  - POC rules and AEMO procedure changes related to Meter Churn
  - Next steps
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- A decorative graphic at the bottom of the slide consisting of multiple overlapping, wavy lines in shades of orange and red, creating a sense of motion and depth.

## Purpose of the meeting

- A few participants have requested that AEMO holds a meeting to discuss meter churn with industry on the basis that clarity is sought with respect to meter churn - in particular when it comes to aligning NER requirements and AEMO procedures.
- In response to this request AEMO has scheduled this industry meeting to discuss with participants those meter churn issues and to clarify AEMO's procedures and how they align with the NER.

- Omit clause 7.6.2(c) and substitute:
- (c) The *Market Settlement and Transfer Solution Procedures* must specify that a *Metering Coordinator* at a *connection point* is responsible for the *metering installation*:
  - (1) where the change in the *Metering Coordinator* at a *connection point* is effected due to a change in the *financially responsible Market Participant* at that *connection point*, on the day that the *market load* at the *connection point* transfers to the new *financially responsible Market Participant*; and
  - (2) otherwise, on any other day.

- Omit clause 7.8.9(e) and substitute:
- (e) The *Market Settlement and Transfer Solution Procedures* must include provisions that enable:
  - (1) an *Incoming Retailer* to nominate a *Metering Coordinator*, *Metering Provider* or *Metering Data Provider* to be appointed at a *connection point* in respect of which it is the *Incoming Retailer*, and for those appointments to be recorded as being effective on or, where requested by an *Incoming Retailer*, after the day that the *market load* at the *connection point* transfers to the *Incoming Retailer* as the new *financially responsible Market Participant*, and
  - (2) the installation of a new or replacement *metering installation* at a *connection point* as soon as practicable after the transfer of a *market load* at that *connection point* has been effected by *AEMO*.

- **11.1 Initiation of a Meter Churn**
  - The Current MC for a *metering installation* can initiate a Meter Churn at any time.
- **11.2. Performance of a Meter Churn**
  - Only MPs with the appropriate accreditation can perform a Meter Churn.
- **11.3. Meter Churn Process**
  - When a Meter Churn is initiated, the MC must ensure:
    - (a) information is made available to any New MPB to facilitate the Meter Churn, which includes:
      - (i) the *NMI*;
      - (ii) the Site address;
      - (iii) the Meter Serial ID(s) of the *meter(s)* to be removed;
      - (iv) the name of the Current MPB and its Participant ID;
      - (v) the name of the Current MDP and its Participant ID
      - (vi) the current *metering installation* type; and
      - (vii) instructions on the required changes

- **11.3. Meter Churn Process (con't)**
  - When a Meter Churn is initiated, the MC must ensure:
    - (b) all Role assignments in MSATS for the *connection point* comply with the MSATS Procedures within *2 business days* of the Meter Churn; and
    - (c) the start date for any New MPB or New MDP is the *meter change date*.



## 7.4. FRMP Requirements

The New FRMP must:

- (a) obtain the Current FRMP's agreement to retrospectively transfer an End User on a previous Meter Reading (applies to CR1010).
- (b) obtain the NMI Checksum.
- (c) confirm that the NMI is valid for the connection point.



## 7.4. FRMP Requirements

The New FRMP must (cont.):

- (d) submit a Change Request to initiate the transfer of the End User from which the New FRMP has obtained Explicit Informed Consent and provide the following information with the Change Request:

Change Reason Code  
Its Participant ID  
Read Type Code

Participant transaction ID  
Proposed Change Date

NMI and NMI Checksum  
New RP

## 7.4. FRMP Requirements (cont.)

The New FRMP may:

- (j) populate the Change Request with the identity of the following Roles

MPB

MPC

➤ or leave this to the New MC to complete

- (k) for Change Reason Codes 1000, 1020, 1030 and 1040, if the MDP is changing, provide the following additional information:

MDP

### 38.2. Conditions Precedent

- (a) The NMI exists in MSATS.
- (b) The NMI Classification Code is SMALL or LARGE.
- (c) The date of the change of MC, MDP, MPB or MPC will be the Actual Change Date.

### 38.3. Initiating Roles

- (a) A Current FRMP may initiate a Change Request to change any or all of the MC, MDP, MPB and MPC in MSATS in accordance with section 38.4.
- (b) A Current MC may initiate a Change Request to change any or all of the MDP, MPB and MPC in MSATS in accordance with section 38.5.

### 38.4. FRMP Requirements

- The FRMP must:
- (a) Obtain the NMI Checksum from an approved source.
- (b) Confirm that the NMI is a valid NMI for the connection point prior to the Initiation of a Change Request.
- (c) Populate a Change Request with the following information:
  - Change Reason Code      Participant transaction ID      NMI  
    and NMI Checksum
- Its Participant ID      Proposed Change Date
- (d) Populate a Change Request with one or more of the following:
  - MDP      MPB      MPC
  - RP

## 4.4 Meter Churn

- (a) An MP may undertake a Meter Churn only after:
  - (i) authorised to do so by the MC for the market load; and
  - (ii) if the MP is a New MP and the relevant Change Request has passed the Objection Logging Period.
- (b) If the Meter Churn has been carried out by a New MP and the metering installation has remote acquisition, prior to carrying out the Meter Churn the New MP must:
  - (i) use reasonable endeavours to contact the Current MDP;
  - (ii) provide the Current MDP with details of the New MDP and New MP and their Participant IDs; and
  - (iii) request and verify that the Current MDP undertakes a Final Reading.

## 4.4 Meter Churn

- (c) If the Meter Churn has been carried out by a New MP and the metering installation does not have remote acquisition, the New MP must:
  - (i) use reasonable endeavours to contact the Current MP to confirm that a Meter Churn is to be carried out; and
  - (ii) provide the New MP's details, including its Participant ID.
- (d) On completion of the Meter Churn the MP must ensure that sufficient information is captured regarding the removal of the old metering installation components and the testing and commissioning of the new metering installation components.
- (e) The MP must provide the New MDP with formal confirmation of the new metering installation details and commissioning times.

### 4.4 Meter Churn

- (f) When replacing a metering installation with accumulated metering data with a metering installation with interval metering data or vice versa, the MP must ensure the meter register record in MSATS is updated accordingly using the day of:
  - (i) physical removal of the old meter(s) as the removal date; and
  - (ii) physical installation of the new meter(s) as the installation date.
- (g) The MP must ensure that all redundant network devices that do not form part of the metering installation, are recorded as “removed” in MSATS following the Meter Churn.
- (h) The MP must ensure that MSATS is updated within 5 business days from the day of the Meter Churn.



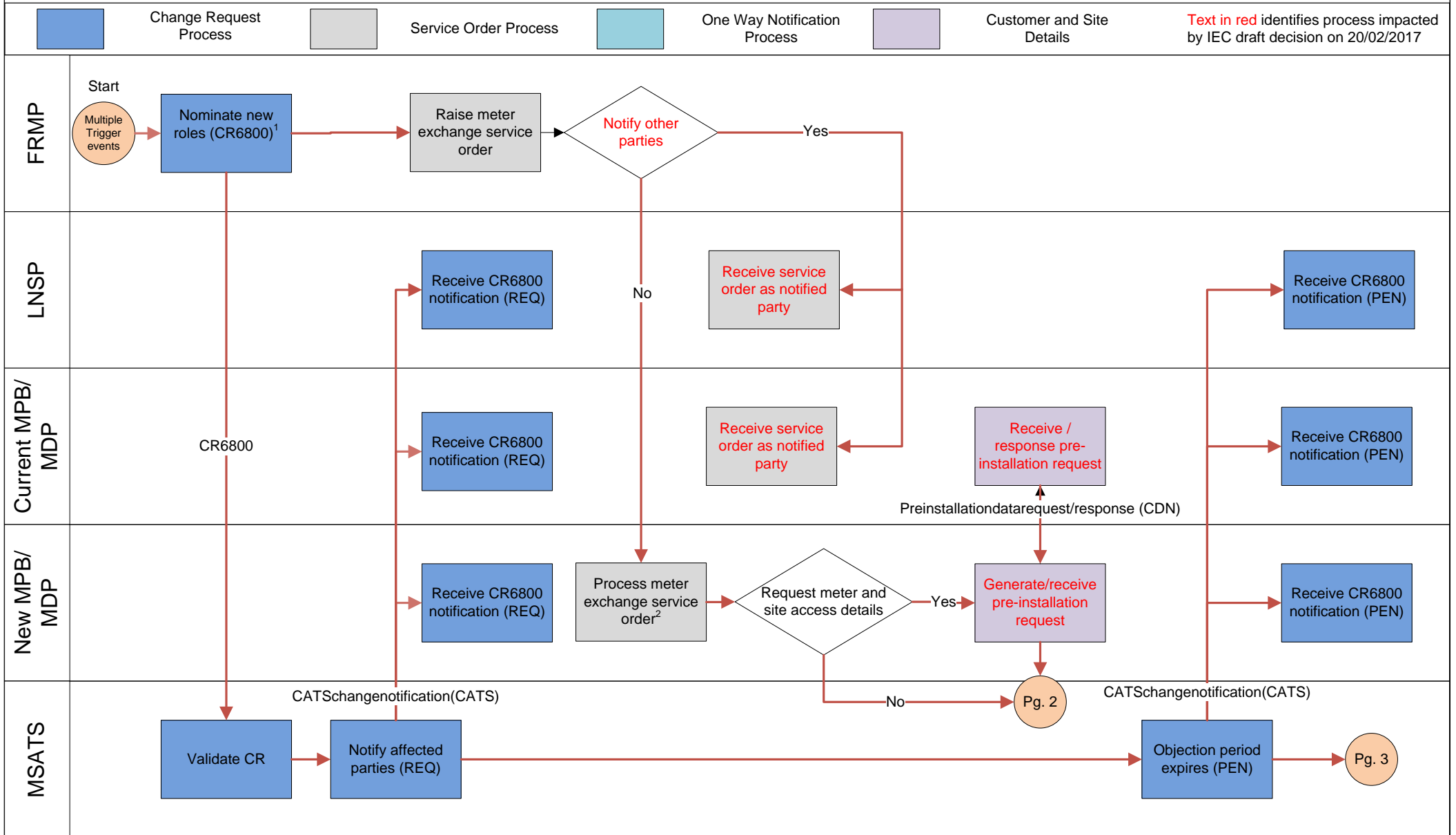
# SERVICE LEVEL PROCEDURE METERING PROVIDER SERVICES



## 4.4 Meter Churn

- (i) Where the MP reasonably suspects or identifies evidence of tampering or electricity theft at the metering installation, the MP must inform the MC and, if the MP is a New MP, the Current MP, and not proceed with the Meter Churn unless the MC instructs the MP to proceed.

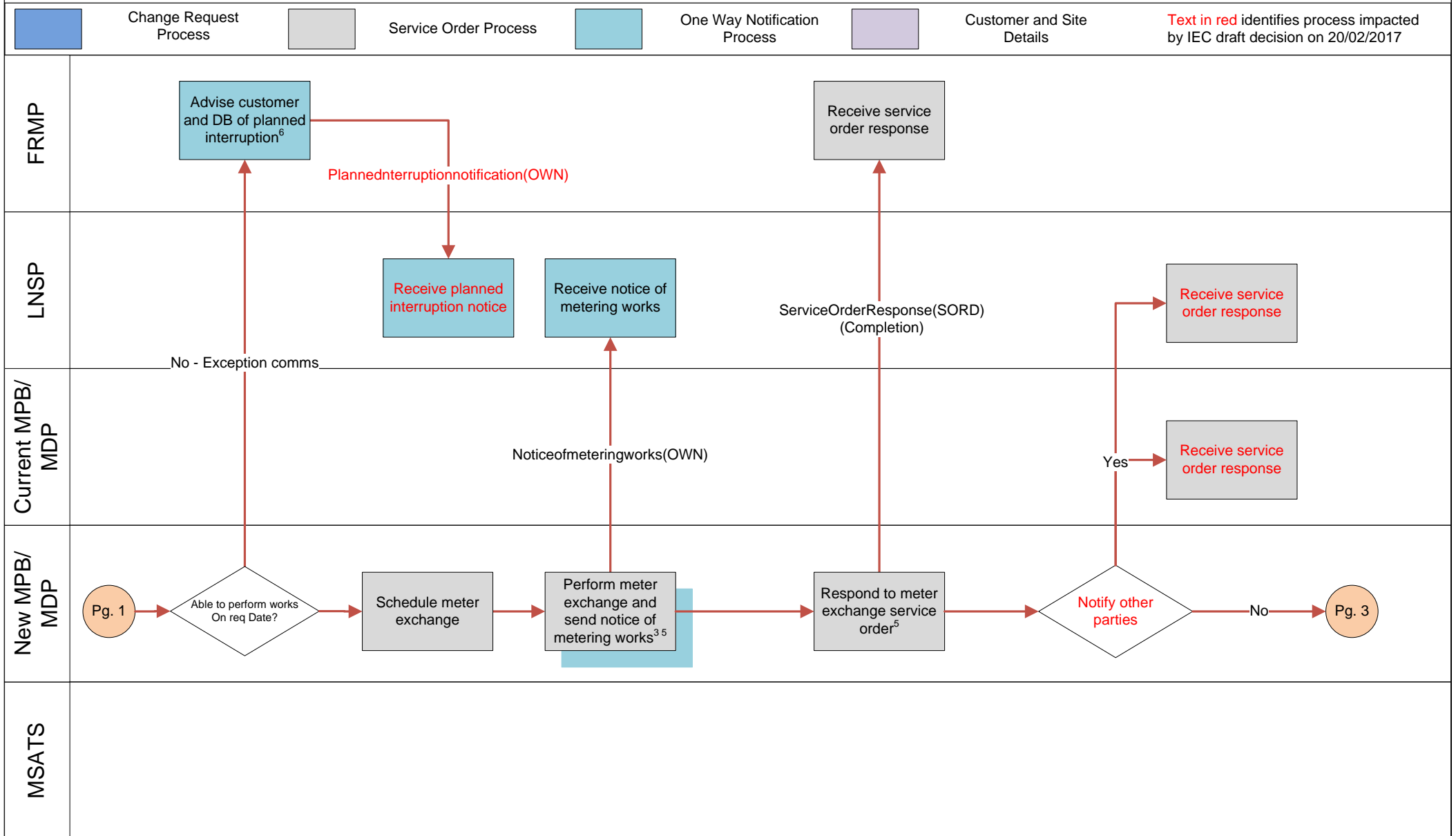
# Meter Churn (without retailer transfer) Pg 1



(1) MSATS CATS Procedure 38. Change Multiple Roles – Only the current FRMP or current MC may initiate this Change Request.

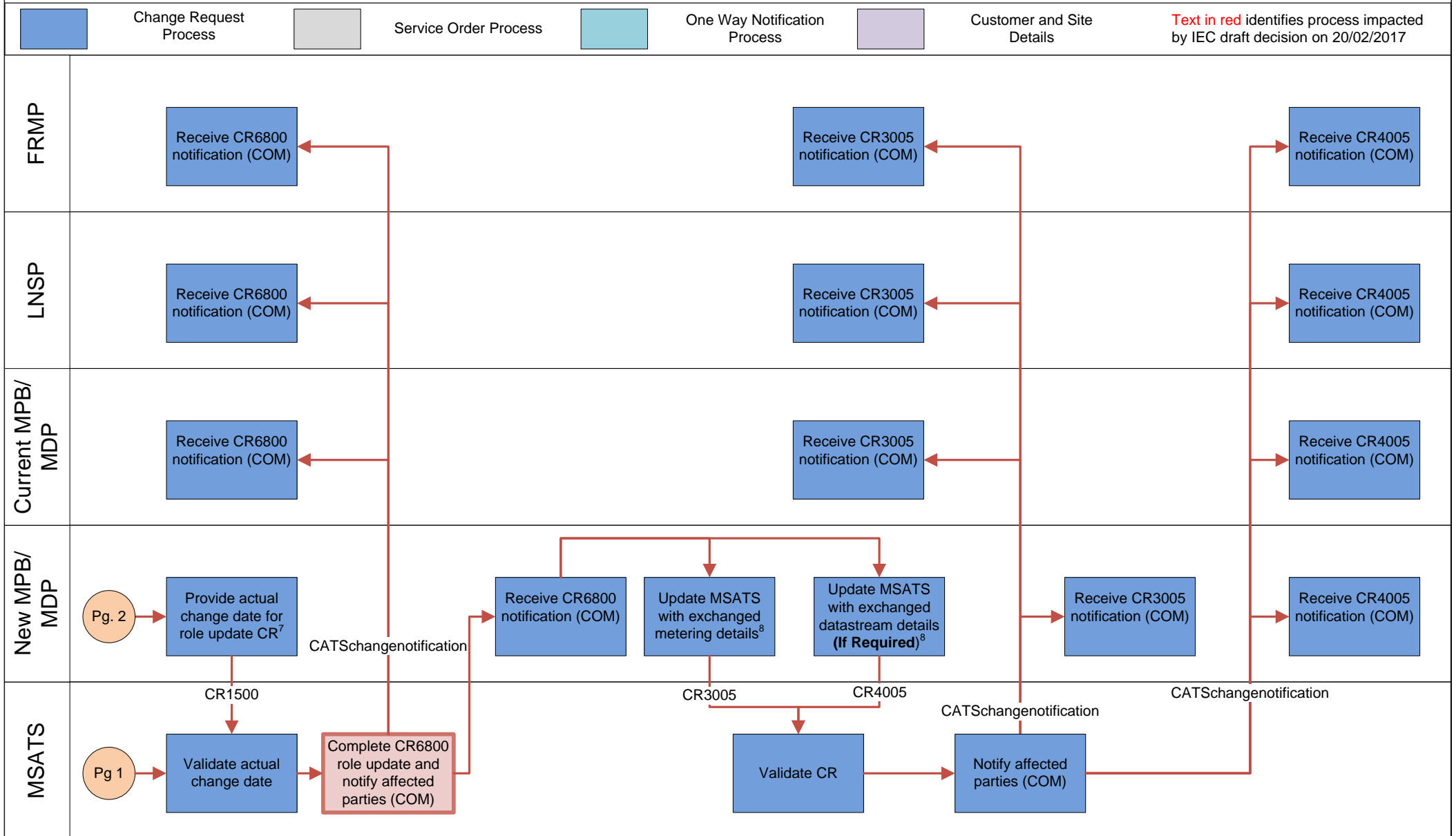
(2) SLP MP Services 4.4 Meter Churn – New MP may only initiate a meter churn after the relevant Change Request has passed the Objection Logging Period.

# Meter Churn (without retailer transfer) Pg 2



(3) SLP MP Services 4.3 MSATS Updates and Notifications Following Metering Installation Commissioning – Provide Notice of Metering Works to the LNSP within 2 business days of completing the metering installation.  
 (4) B2B Procedure Service Order Process 3.3.4 Timing Requirements for Issuing a Service Order Response - the Recipient must send a ServiceOrderResponse within 5 business days of completing the work requested.  
 (5) SLP MP Services 4.4 Meter Churn – New MP must request and verify the Current MDP undertakes a Final Reading.  
 (6) NERR 99A Information on Retailer planned Interruption (1)(a) Retailer must notify the distributor at least 4 business days before the date of interruption.

# Meter Churn (without retailer transfer) Pg 3



(7) MSATS CATS Procedure 38. Change Multiple Roles – the MDP must provide actual change date within 2 days of Proposed Change Date being reached or the meter read date.

(8) SLP MP Services 4.3 MSATS Updates and Notifications Following Metering Installation Commissioning – Update MSATS within 5 business days of being appointed the MP.

SLP MDP Services Scenario 4 (A)(iii) – The new MDP must obtain metering data from the current MDP for the meter churn day.

SLP MDP Services Scenario 4 (B)(i) – The current MDP must provide the new MDP with the final meter reading data from the remove meter.

SLP MDP Services Scenario 4 (C)(i) – The current MDP must provide substituted meter read (quality flag = S, reason code = 37) until the new MDP becomes the MDP in MSATS.