

MARKET PROCESS DESIGN

MPD 35 – Market Process for Change of Metering Non Interval to Interval

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1 Introduction

1.1 Scope

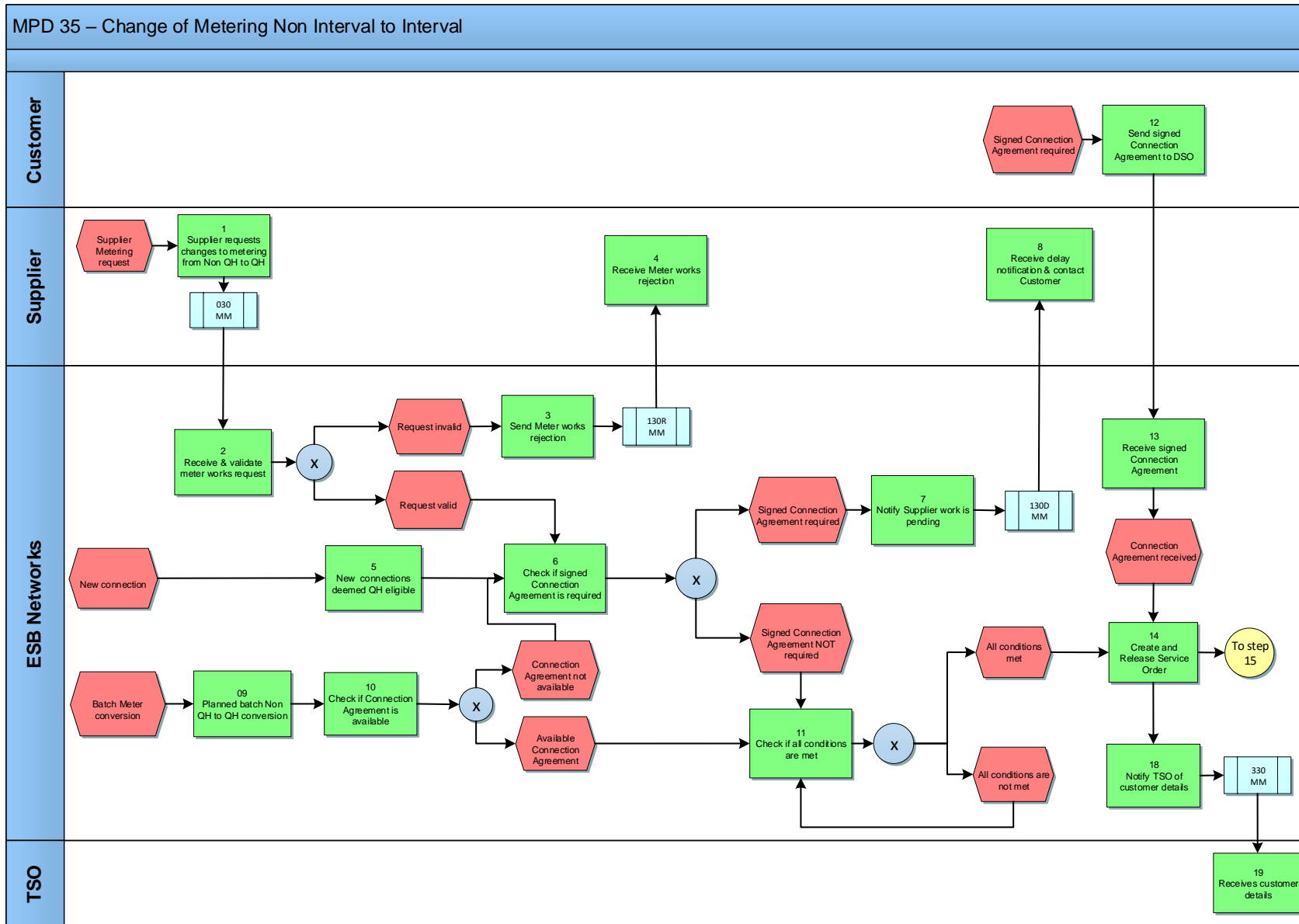
This process covers the procedure for changes to Metering from Non QH to QH requested by the registered supplier at a meter point or a New Supplier requesting a change to Interval Data Services at a metering point or following regular review of existing Non QH sites by QHDC.

1.2 History of Changes

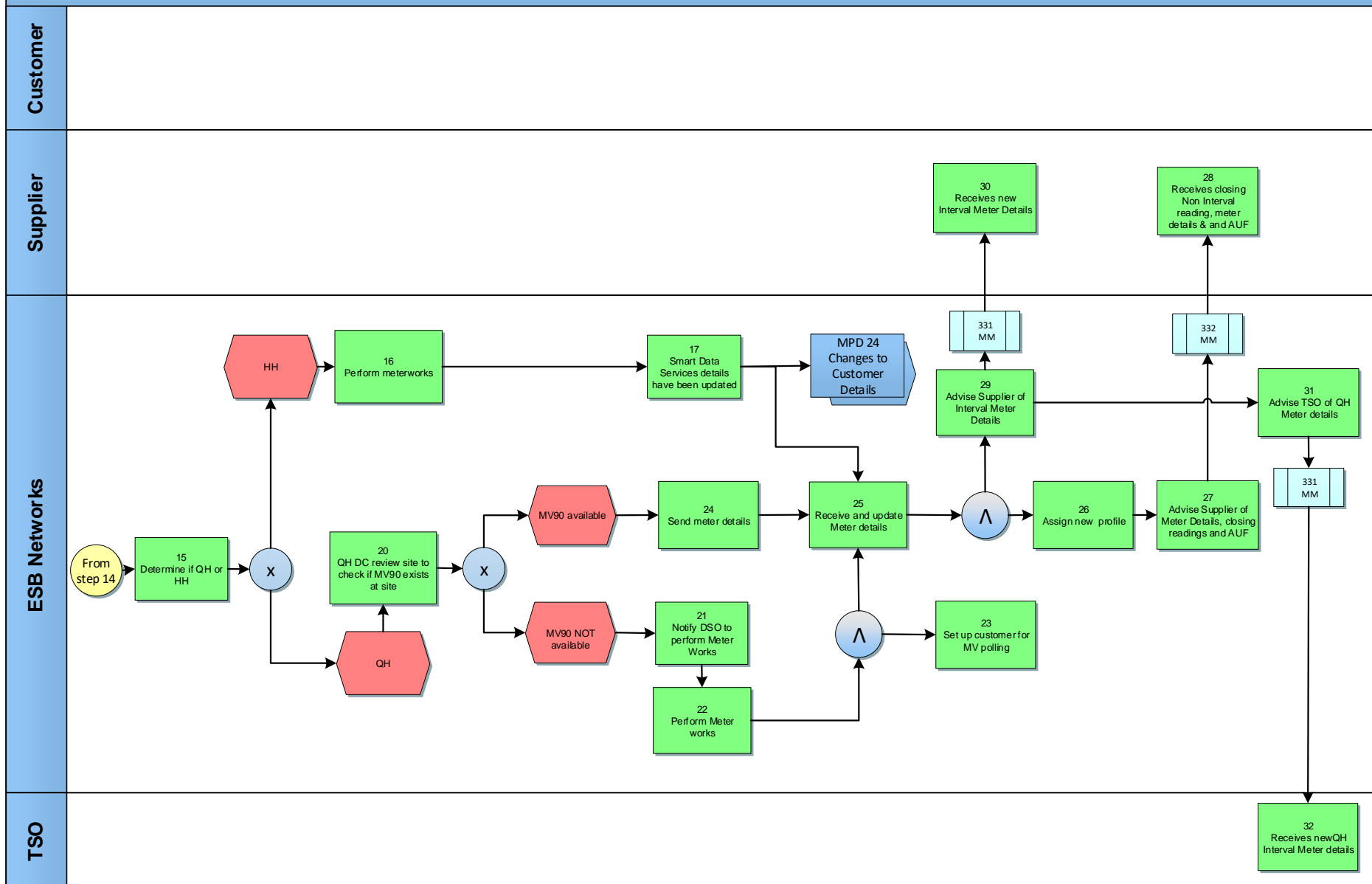
This Procedure includes the following changes:

Version in which last change Implemented	Source of Change	Description of Change
Draft		Change History Created
		Initial v6.1
Version 6.1	MCR 0071	This process covers the procedure for changes of metering from NQH to QH requested by the registered supplier at a meter point or following regular review of existing NQH sites by QHDC.
Version 8.0	RMDS QA	No business changes applied. MPD clean-up: objects enlarged to make text readable, swimlane actors shifted left, swimlanes tightened.
Version 8.0a	MCR 0161	Updated to reflect implementation of "MCR 0161 - Increasing the threshold for connection agreement return". Changed references of threshold from "100 kVA" to "MV (Medium Voltage)" the following steps: * Check if signed Connection Agreement is required * Notify Supplier work is pending
Version 10.3	MCR 1145 – Conversion of MPDs from ARIS to document format.	ARIS Process flow converted to Visio format and Step Table included. Process Readings; function prior to Assign Profile (Step 21) is removed as covered under Step 20.
Version 10.5	Non Conformance AIQ 2827	Moved steps 28 & 29 to follow step 14 – Release Service Order
V1.0 Draft V13.0 SMART	MCR Reversioning Workshops	Process Step and process Step description updated.
Version 13.0	MCR 1160	New Process Steps 15 – 17 Process Steps and Process Step Descriptions updated

2.1 Process Map



MPD 35 – Change of Metering Non Interval to Interval



2.1 Process Description

Process Step		Role	Process Step Description	Interface
1	Supplier requests change to metering from Non QH to QH	Supplier	Supplier sends a Market Message to ESNB requesting a change to metering from Non QH to QH for a site which they are the registered Supplier. Non QH is either a Legacy NQH meter or all Smart meters (HH or non HH)	030 MM
2	Receive and validate Meter Works Request	ESBN	ESBN will validate the Supplier request to change metering from Non QH to QH. Validation is based on the following criteria: <ul style="list-style-type: none"> - The request is from the Supplier registered to that Meter Point - All requests for Meter Works installation must be for a Standard MCC currently MCC 10. Only meter configurations selected from the agreed standard set will be installed. - A Change of Supplier must not already be in progress for that Meter Point. - Site is 'deemed eligible' for QH Metering. Suppliers can avail of http://www.esbextra.ie/netlogon/ to check if a site is deemed eligible for QH Metering. <ul style="list-style-type: none"> • Change requested invalid - next step 3 • Change requested valid - next step 6 	
3	Send Meter Works Rejection	ESBN	If the change requested by the Supplier fails validation a rejection message will issue to the Supplier	130R MM
4	Receive Meter Works Rejection	Supplier	Supplier receives rejection message	
5	New connections deemed QH eligible	ESBN	Where a New Connection is MV (Medium voltage) and above, this will be set up as a QH site. For a New Connection which is LV (Low Voltage) and greater than 200kVA, this will be setup as DG6 NON QH but will have QH metering and communications installed as standard. This will be monitored by QHDC who will determine QH eligibility after 6 months after connection where sites have reached the threshold level defined. A Non QH to QH transfer may be requested earlier than the 6 month period described if it becomes eligible	
6	Check if signed Connection Agreement is required	ESBN	DSO will analyse all valid requests to determine if a Connection Agreement is required. Where the request will be delayed due to the need for a signed Connection Agreement the Supplier will be notified of this. A signed Connection Agreement will be required for customers with Connection Voltage greater than or equal to MV Medium Voltage) only or	

Process Step		Role	Process Step Description	Interface
			where DUoS Group Change is required. <ul style="list-style-type: none"> Signed Connection Agreement required - next step 7 Signed Connection Agreement not required - next step 11 	
7	Notify Supplier work is Pending	ESBN	Where the request will be delayed due to the need for a signed Connection Agreement the Supplier will be notified of work pending by Market Message. A signed Connection Agreement will be required for customers with Connection Voltage greater than or equal MV (Medium Voltage) only or where DUoS Group Change is required	130D MM
8	Receive delay notification and contact customer	Supplier	The Supplier receives notification that the change/work will not be completed until a signed Connection Agreement is returned by the customer to ESBN	
9	Planned batch Non QH to QH conversion	ESBN	QH DC will review Non QH sites every six months to identify sites where the usage used over the previous twelve months period or where current usage for new connections projected annually are \geq to QH Threshold of 300MWh p.a. MRSO will advise Suppliers of the sites due for change over i.e. from next MD reading cycle assuming no change of supplier intervenes. Suppliers do not need to send an 030 message for these sites identified for change over to QH by QH DC Non QH is either a Legacy NQH meter or all Smart meters (HH or non HH)	
10	Check if Connection Agreements is available	ESBN	A check is carried out on sites which have been identified for change over to QH to ensure that a Connection Agreement is available <ul style="list-style-type: none"> If Connection Agreement is available - next step 11 If Connection Agreement is not available - back to step 6 	
11	Check if all conditions are met	ESBN	A check is made to ensure all conditions are met before the Service Order is released. <ul style="list-style-type: none"> All conditions are met - next step 14 All conditions are not met - continue to check - next step 11 	
12	Customer sends signed Connection Agreement to ESBN	Customer	Where a Connection Agreement is required to proceed with the change from Non QH to QH, the customer will sign the Connection Agreement and return it to ESBN	
13	Receive signed Connection Agreement from a customer	ESBN	ESBN receive signed Connection Agreement from a customer	

Process Step		Role	Process Step Description	Interface
14	Create and Release Service Order	ESBN	<p>In all cases when all conditions have been met including receipt of a signed Connection Agreement and/or wiring cert where required, ESBN will create and release the Service Order.</p> <p>For Smart Metering a service order will be raised and released as needed in the following scenarios:</p> <p>Where customer requests Interval Data Services (01) then Supplier issues MM 013 and MPD 24 has determined that Meter Works are required</p> <p>Where a COLE is requested and where the previous customer was on Non Interval Data Services (02) and the new customer is requesting Interval Data Services (01) then Supplier issues MM 016 and MPD 25 has determined that Meter Works are required</p>	
15	Determine if QH or HH	ESBN	<p>ESBN determines if the change is from Non Interval to QH or to HH</p> <ul style="list-style-type: none"> • If QH Step 20 • If HH Step 16 	
16	Perform meter works	ESBN	The DSO will perform the necessary meter works.	
17	Smart Data Services have been updated	ESBN	Where meter reconfiguration to Half Hourly was initiated by Smart Data Service details updated from MPD 24 or MPD 25 then next step MPD 24 and next step 25 on this MPD	
18	Notify TSO of customer details	ESBN	ESBN notifies TSO of Non QH - QH meter works job completion.	330MM
19	Receive notification of Customer details	TSO	TSO receives notification of customer detail for QH site	
20	QH DC review site to check if MV90 exists at site	ESBN	<p>QH DC will check if MV90 exists at the site. If this capability does not exist QH DC will notify DSO to perform Meter Works. QH DC will then set up the customer for MV90 polling</p> <ul style="list-style-type: none"> • MV90 available - next step 24 • MV90 NOT available -next step 21 	

Process Step		Role	Process Step Description	Interface
21	Notify DSO to perform Meter Works,	ESBN	Where MV90 Capability does not exist at a site QH DC will request DSO to perform the necessary Meter Work	
22	Perform Meter Work	ESBN	The DSO will perform the necessary work at the site - next steps 25 and 23	
23	Set Customer up for MV90 polling	ESBN	Following completion of the meter works QH DC will set the customer up for MV90 polling	
24	Send meter details to DSO	ESBN	Where MV90 capability is available QH DC will provide meter details and closing readings to DSO.	
25	Receive and Update meter details	ESBN	DSO will update meter details following completion of meter works or where closing readings have been provided	
26	Assign new profile	ESBN	MRSO assign new Load Profile for the meter point	
27	Advise Supplier of meter details ,closing readings and AUF	ESBN	ESBN notifies Supplier of the meter details, Non Interval closing readings and AUF	332MM
28	Receives closing Non Interval reading, meter details and AUF	Supplier	Supplier receives notification of meter details, Non Interval closing readings and AUF	
29	Advise Supplier of Interval meter details	ESBN	ESBN shall inform the Supplier of details of newly installed Interval Meters. .	331MM
30	Receive notification of Interval meter details	Supplier	Supplier receives details of newly installed Interval meter	
31	Advise TSO of QH meter details	ESBN	ESBN shall inform the TSO of details of newly installed QH Meter.	331MM
32	Receives new QH Meter details	TSO	TSO receives details of newly installed QH meter	

3 Supplementary Information

Ongoing Monitoring of Non QH sites for QH Eligibility

QHDC will review Non QH sites every six months to identify sites where the usage used over the previous twelve months period or where current usage for new connections projected annually are \geq to QH Threshold of 300MWh p.a. MRSO will advise Suppliers of the sites due for change over i.e. from next MD reading cycle assuming no change of supplier intervenes. Suppliers do not need to send a 030 message for these sites identified for change over to QH by QHDC.