

B2B PROCEDURE

ONE WAY NOTIFICATION PROCESS

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FINAL
DETERMINATION

Document History

Version	Date	Author	Comments
1.5.1	27/04/2009	NEMMCO	Updates following Participant responses/submissions on the initial consultation release. Updates to the MXN Business Rules clause 3.1.1 from Draft Determination consultation. Issued as Final Determination (first release).
1.6	23/06/2009	NEMMCO	Update the version number and release date to retain version numbering with the other B2B procedures. Changed the publish date to effective date on the front cover. Manifest corrections in section 5.1.1 to align with the aseXML standard and the Build Pack. Published as FINAL Determination.
1.6.1	18/08/2009	AEMO	Band change from NEMMCO to AEMO. No technical change Issued as FINAL Determination – effective 25 November 2009.
1.7	17/03/2010	AEMO	Updated version numbers and release date to retain version numbering with other B2B Procedures. Update Clause 1.7, Updates to Section 5, 5.1 and 5.1.1. Move Business Event information to the B2B Procedure Technical Guidelines for B2B Procedures. Issued as Final Determination – effective 26 May 2010.
1.7a	15/07/2011	AEMO	Updated version number to 1.7a and release date to retain version numbering with other B2B Procedures. Updated procedure to facilitate further extension of contestability to small business customers in Tasmania.
1.8	15/08/2011	AEMO	Updated version numbers and release dates to retain version numbering with other B2B Procedures. Updates to clause 2.1 and 5.1, manifest correction to clause 3.1.1. Inserted Clause 3.2, 4.2 and 5.1.2.
1.9	06/11/2012	AEMO	Updated version numbers and release date to retain version numbering with other B2B Procedures. Update to clause 1.7 a for Meter Data Providers.
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2.2	21/11/2014	AEMO	Updated version numbers and release date to retain version numbering with other B2B Procedures.

Interpretation

For details of the interpretation of key words, such as addresses, dates, times and field types, refer to the B2B Procedure: Technical Guidelines for B2B Procedures.

Documentation Conventions

Refer to the B2B Procedure: Technical Guidelines for B2B Procedures for the details of the documentation conventions.

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1 INTRODUCTION

1.1 Document Structure

- a. Section One provides an introduction and context to this Procedure.
- b. Section Two describes the high level One Way Notification Process. This section also includes the high level process flows and business rules.
- c. Section Three defines the Business Documents within this Procedure.
- d. Section Four defines the Timing Requirements within this Procedure.
- e. Section Five itemises the Data to be provided within this Procedure.

1.2 Introduction

- a. This B2B Procedure: - One Way Notification Process (“Procedure”) is approved by AEMO in accordance with clause 7.2A.5(a)(1) of the National Electricity Rules (“Rules”).
- b. This Procedure may only be amended in accordance with clause 7.2A.3 of the Rules.
- c. In the event of any inconsistency between this Procedure and the Rules, the Rules shall prevail to the extent of the inconsistency.
- d. In the event of any inconsistency between this Procedure and the Metrology Procedure, the Metrology Procedure shall prevail to the extent of the inconsistency.
- e. In the event of any inconsistency between this Procedure and MSATS Procedures, the MSATS Procedures shall prevail to the extent of the inconsistency.
- f. In the event of any inconsistency between this Procedure and the B2B Procedure Technical Delivery Specification or the B2B Procedure Technical Guidelines for B2B Procedures (together referred to as the “B2B Technical Procedures”), unless this Procedure provides otherwise, the relevant B2B Technical Procedures shall prevail to the extent of the inconsistency.
- g. In this Procedure, a capitalised word or phrase has the meaning given to it:
 1. in this Procedure;
 2. if no meaning is given to it in this Procedure, it is defined in the B2B Procedure Technical Guidelines for B2B Procedures; or
 3. if no meaning is given to it in the B2B Procedure Technical Guidelines for B2B Procedures, it is defined in the Rules.
- h. This Procedure shall be interpreted in accordance with the rules of interpretation set out in clause 1.7 of the Rules and the Technical Guidelines for B2B Procedures. Provisions that are placed in a square box coloured grey are provided by way of explanation and to assist readers and do not form any obligation on Participants or affect the interpretation of this Procedure. Provisions that fall within a section entitled “Worked Example” are provided for assistance only and do not form any obligation on the Participants nor do they affect the interpretation of this Procedure.

1.3 Jurisdictional Instruments

- a. To the extent of any inconsistency between this Procedure and any relevant jurisdictional instrument, the relevant jurisdictional instrument shall prevail to the extent of the inconsistency.

1.4 Purpose

- a. This Procedure defines standard processes and transaction data requirements for one way messaging transactions between Market Participants, with which they must comply.
- b. It provides a process where Participants can send messages to other Participants for multiple NMIs in a single transaction.

1.5 Scope

1.5.1 Inclusions

- a. This Procedure is for Participants to send One Way Notification transactions to other Market Participants, and receive confirmation that the transaction has been received and can be read.
- b. This Procedure is to be used where messaging is required for multiple NMI's in a single transaction.

1.5.2 Exclusions

- a. This Procedure does not apply to:
 1. Communication standards, methods or content, to end use customers.
 2. Updating of Customer details, provision of Meter Data, or Service Orders Details. Updating and/or changes are covered in the respective B2B Procedure.
- b. This Procedure shall not be used to replace obligations under the MSATS Procedures, and shall only be used as defined in this document.

1.6 aseXML

- a. A Participant must use the agreed industry standard of aseXML messaging to deliver transactions in accordance with this Procedure.
- b. Participants must ensure that any CSVNotificationDetail data provided complies with the specification contained in B2B Procedure Technical Guidelines for B2B Procedures.

1.7 Application of this Procedure

- a. As required by clause 7.2A.4(i) of the National Electricity Rules, Local Retailers, Market Customers, Distribution Network Service Providers, AEMO, Metering Data Providers and Metering Providers must comply with this Procedure.
- b. As permitted by clause 7.2A.4(k) of the National Electricity Rules, Local Retailers, Market Customers and Distribution Network Service Providers may on such terms and conditions as agreed between them communicate a B2B Communication on a basis other than as set out in this Procedure, in which case the parties to the agreement need not comply with this Procedure to the extent that the terms and conditions agreed between them are inconsistent with this Procedure.

1.8 Enforceability of the Procedures

- a. The Procedure is enforceable by the Australian Energy Regulator in accordance with its powers under section 15 of the National Electricity Law.

1.9 Terminology and Definitions

1.9.1 Terminology

- a. In this Procedure:
 1. The term "Participant" is limited in its meaning and is not as defined in the Technical Guidelines for B2B Procedures. In this Procedure Participant refers to a party initiating or receiving a OneWayNotification transaction. A Participant may be any one of, LR, FRMP, Retailer, DNSP, MP, or MDP.
 2. The term *CSVNotificationDetail* is defined as the data payload. Each message type will have a unique *CSVNotificationDetail* structure and content as defined in section 5 of this document.

1.9.2 Business Documents

- a. Throughout this Procedure, the term "Business Document" is used to refer to the key B2B Notification transactions between Participants. In this Procedure, the relevant Business Document is:
 1. OneWayNotification

1.9.3 Business Signals

- a. The technical transaction delivery details for this B2B Procedure are contained in the B2B Technical Delivery Specification.
- b. Participants must ensure that their technical delivery mechanisms support the following business signals;
 1. BusinessReceipt and
 2. BusinessAcceptance/Rejection.
- c. A BusinessReceipt indicates the transaction has been received and is readable.
- d. A BusinessAcceptance/Rejection represents acceptance or rejection of the appropriate business document by the recipient.

1.10 Related Documents

- a. This Procedure has been prepared in conjunction with and should be read in conjunction with:
 1. B2B Procedure Technical Delivery Specification, and
 2. B2B Procedure Technical Guidelines for B2B Procedures.

2 BUSINESS PROCESS

2.1 Process Overview

- a. The One Way Notification process enables Participants to send information or messages to other Participants in a single transaction for multiple NMIs.
- b. The process is designed to allow flexibility to add additional new message types within the Business Document without an aseXML schema change, by incorporating the data in CSV format within the transaction.
- c. There is one Business Document associated with this overall Procedure:
 - 1. OneWayNotification - The provision of selected information between Participants.
- d. There are two message types associated with this overall Procedure:
 - 1. Meter Exchange Notification (MXN) - The provision of selected information to Retailers for planned mass meter replacements initiated by DNSPs
 - 2. Network Tariff Notification (NTN) - The provision of selected information to Retailers for proposed Network Tariff changes initiated by DNSPs.

2.2 Jurisdictional applicability and variations

- a. This Procedure applies to the following Business Documents in the following Participating Jurisdictions:

Figure 1: Jurisdictional table for each Business Document.

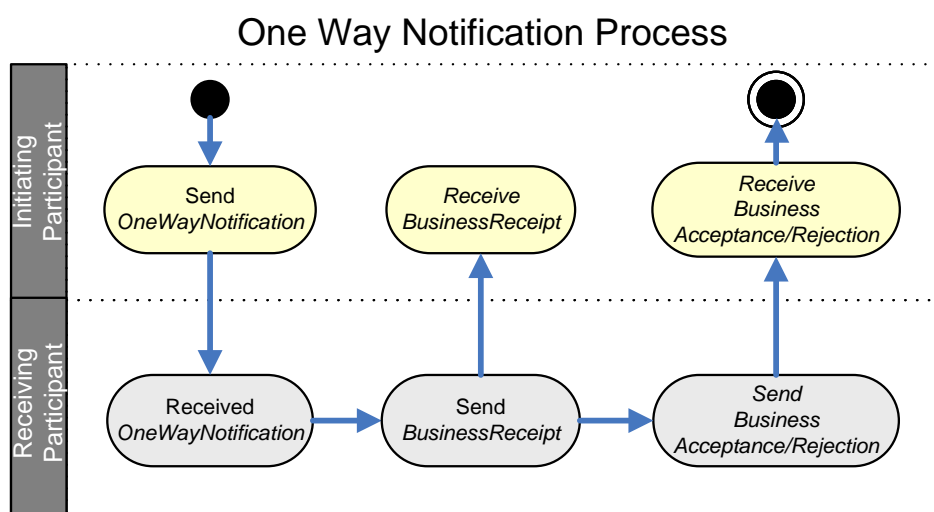
Transaction	ACT	NSW	QLD	SA	VIC	TAS
<u>OneWayNotification</u>	Yes	Yes	Yes	Yes	Yes	Yes

Key

Yes	Applicable as defined.
No	Not applicable.

2.3 Process Diagrams

Figure 2: The following diagram illustrates the high level process flows for this Procedure:



2.4 Common Business Rules

- a. The transaction is a one way message from one Participant to another.
- b. Upon receipt of a One Way Notification, a Participant must return a *BusinessReceipt* to confirm the receipt of that One Way Notification.
- c. The receiving Participant must send a *BusinessAcceptance/Rejection* to the initiating Participant.
- d. More than one transaction per day may be sent to a Participant:
 1. Where the file size exceeds the requirement set out in section 4 of the B2B Procedure Technical Delivery Specification;
 2. A different *CSVNotificationDetail* transaction is sent, or
 3. Except where the CSV Notification Detail business rules in section 3 prohibit this.

2.5 Acknowledging One Way Notification transactions

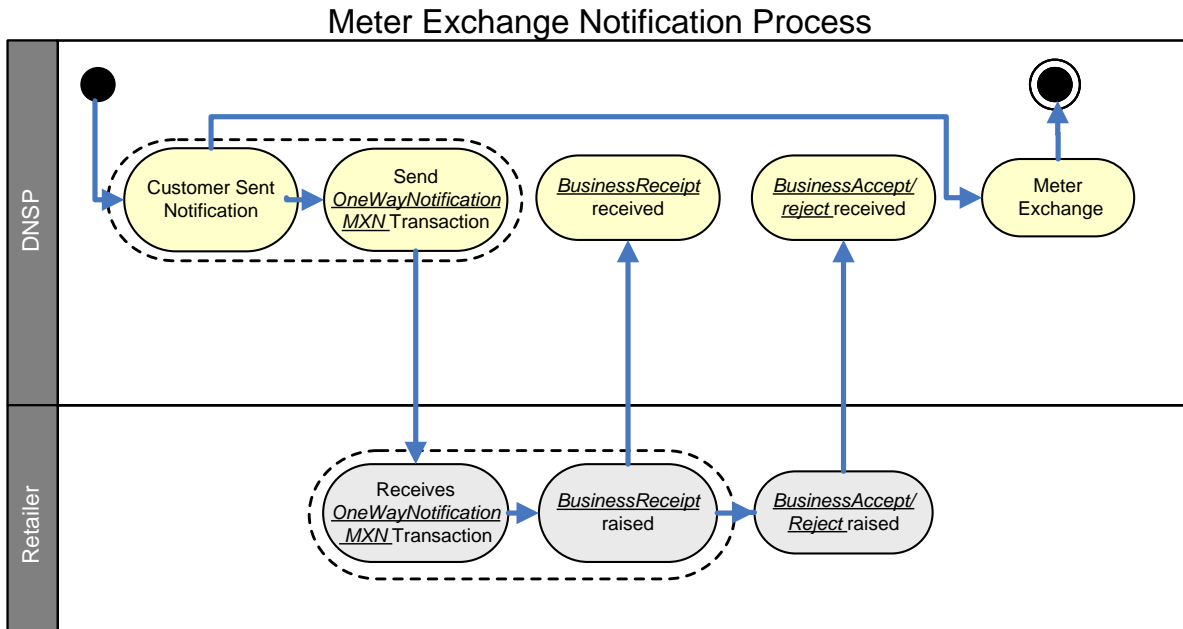
- a. Upon receipt of a One Way Notification, a Participant must return a *BusinessReceipt* to confirm the receipt of that One Way Notification
- b. The Participant must then send a *BusinessAcceptance/Rejection* to the sending Participant as follows:
 1. A *BusinessAcceptance/Rejection* with *Status* of "Accept" is to be used to indicate acceptance of the B2B Transaction, including the format of the Business Document contents but excluding the business content of the Business Document and that the entire file has been accepted.
 2. A *BusinessAcceptance/Rejection* with *Status* of "Reject" is to be used to indicate rejection of the B2B Transaction, including the format of the Business Document but excluding the business content, and that the entire file has been rejected. Upon receipt of the *BusinessAcceptance/Rejection* the sending Participant must resolve the problem and resend the Business Document if appropriate. If the file format is invalid, the sending Participant must resolve the problem and resend the Business Document data if appropriate. If otherwise, the sending Participant must communicate the results of the investigation to the Participant who sent the *BusinessAcceptance/Rejection*

3 CSV Notification Detail

- a. There is one CSVNotificationDetail transaction associated with this overall Procedure:
 1. Meter Exchange Notification (MXN) - The provision of selected information to Retailers for planned mass meter replacements initiated by DNSPs

3.1 Meter Exchange Notification (MXN) Process

Figure 3: Overview of the Meter Exchange Notification (MXN) process



Note: The "Meter Exchange" step is shown for completeness and this process does not obligate the DNSP to perform this step.

- a. This transaction forms the communication method for DNSPs to notify Retailers of planned meter exchanges under a Mass Meter Exchange (roll out) Program. The information details are contained in section 5.1.
- b. Upon receipt of a OneWayNotification transaction from a DNSP, the Retailer must return a BusinessReceipt and BusinessAcceptance/Rejection.

3.1.1 Meter Exchange Notification Business Rules

- a. For this process the definition of "Mass Meter Exchange Program" shall mean the mass roll out of a "smart meter replacement program", initiated by the DNSP or mandated by jurisdictional or national regulatory instruments. Where a DNSP initiates a pilot or trial program that is as a precursor to a Mass Meter Exchange Program, then this Procedure does not apply.
- b. During a Mass Meter Exchange Program the DNSP must raise a OneWayNotification (MXN), for each impacted current Retailer in its Network, each time a new customer notification is sent.
- c. During a Mass Meter Exchange Program the DNSP must take reasonable endeavours to include multiple MXN records in OneWayNotification transactions.
- d. Taking into account clause 3.1.1a the DNSP may initiate the Meter Exchange Notification (MXN) for;
 - i. individual meters,
 - ii. small numbers of meter exchanges,
 - iii. large number of meter exchanges; and
 - iv. pilots & trials that are not part of a Mass Meter Exchange Program

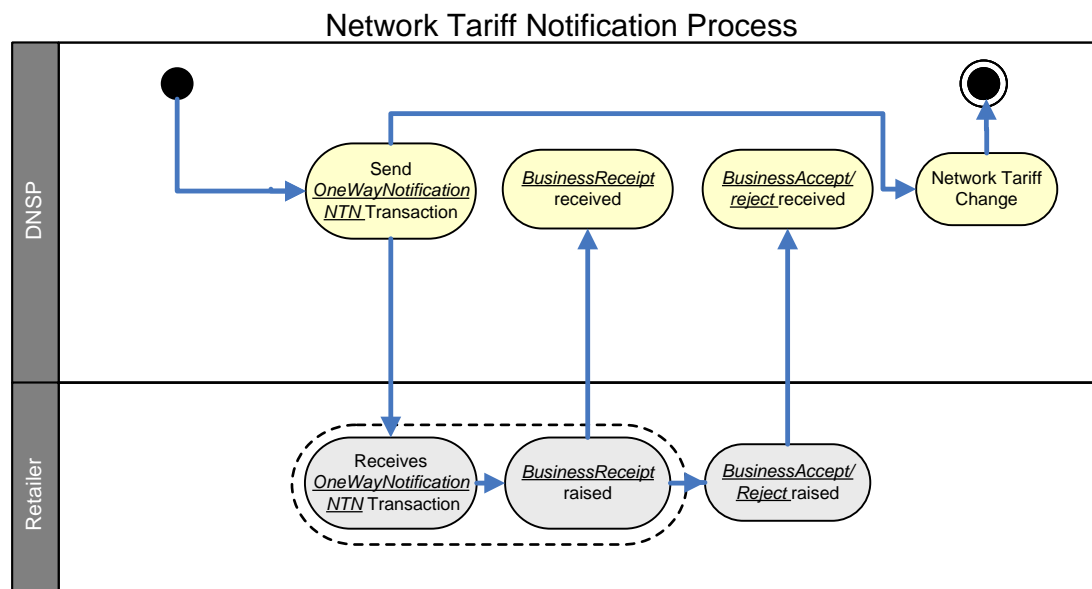
- e. It is reasonably expected that where a DNSP initiates a meter exchange program in d(iii) and d(iv), that it will engage with market Participants to determine impacts and agree whether the use of *OneWayNotification* (MXN) is appropriate.
- f. The DNSP is not required to notify the Retailer if a planned meter exchange did not occur.
- g. The DNSP is not obliged to complete the meter exchange during the notification dates provided to the Retailer.
- h. If the DNSP fails to complete the meter replacement between the notification dates, and consequently provides the customer with a new notification, a new *OneWayNotification* (MXN) transaction shall be sent to the Retailer.
- i. The DNSP must produce the *OneWayNotification* (MXN) transaction a minimum of four days prior to commencing any meter exchange.
- j. The DNSP may negotiate a different period with the customer outside the notification dates and not notify the Retailer.
- k. The DNSP is only required to notify the current Retailer as defined by MSATS at the time the Meter Exchange Notification (MXN) is created.
- l. If a prospective Retailer exists at the time of creating the *OneWayNotification* (MXN) transaction, there is no requirement for the DNSP to also notify the prospective Retailer.
- m. Notifications of successful meter exchanges are communicated via the existing MSATS Change Request process.
- n. Retailers may receive more than one *OneWayNotification* (MXN) per day from the same DNSP, for reasons outlined in 2.4.d.

3.1.2 Delivery Priorities

- a. The B2B Procedure B2B Technical Delivery Specification, section 4 documents the delivery priorities.
 - 1. Participants must ensure all *OneWayNotification* transactions are delivered as aLow Priority.

3.2 Network Tariff Notification (NTN) Process

Figure 4: Overview of the Network Tariff Notification (NTN) Process



Note:

The "Network Tariff Change" step is shown for completeness and this process does not obligate the DNSP to perform this step.

It is expected that the Network Tariff in the NTN transaction will match the MSATS Change Request notification for Network Tariff change.

- a. This transaction is the communication method for DNSPs to notify Retailers of planned network tariff changes in advance of the network tariff change taking effect.
- b. Upon receipt of a *OneWayNotification* transaction from a DNSP, the Retailer must return a *BusinessReceipt* and *BusinessAcceptance/Rejection*.

3.2.1 Network Tariff Notification (NTN) Business Rules

- a. For this process the "Network Tariff Notification" shall mean the notification of a DNSP initiated Network Tariff change for a customer or groups of customers, from a DNSP to the Current Retailer (FRMP) in advance of when the DNSP intends to change the Network Tariff.
- b. For DNSP initiated Network Tariff changes, where advanced notification to the Current Retailer is required by jurisdictional instruments, the DNSP must raise a *OneWayNotification* (NTN) for each impacted Current Retailer in its Network.
- c. The DNSP must provide all network tariffs applicable for the NMI as at the proposed change date in the *OneWayNotification* (NTN) transaction.
- d. When initiating advanced notification of network tariff changes, the DNSP must take reasonable endeavors to include multiple NTN records in *OneWayNotification* transactions.
- e. Taking into account clause 3.2.1.a, b and f, the DNSP may initiate the NTN, in advance of any Network Tariff change being effected:
- f. Where a DNSP intends to begin initiating a Network Tariff Notification where a jurisdictional obligation does not exist, the DNSP must engage and establish an agreement with impacted market Participants before any *OneWayNotification* (NTN) are raised.
- g. The DNSP must produce the *OneWayNotification* (NTN) transaction a minimum of thirty business days before the Network Tariff change becomes effective.

- h. The DNSP is not obliged to complete the Network Tariff change on the proposed dates provided to the Retailer.
 - i. The DNSP is not required to notify the Retailer if a planned Network Tariff change did not occur.
 - j. If the DNSP fails to complete the Network Tariff change on the NOTICEENDDATE and consequently re-schedules the Network Tariff change, a new *OneWayNotification* (NTN) transaction shall be sent to the Retailer.
 - k. The DNSP is only required to notify the current Retailer as defined by MSATS at the time the Network Tariff Notification (NTN) is created.
 - l. If a prospective Retailer exists either at the time of creating or post the creation of the *OneWayNotification* (NTN) transaction, there is no requirement for the DNSP to also notify the prospective Retailer.
- m. Notifications of successful Network Tariff changes are communicated via the existing MSATS Change Request process.
 - n. Retailers may receive more than one *OneWayNotification* (NTN) per day from the same DNSP, for reasons outlined in 2.4.d.
- o. Any Network Tariff change is effective from the MSATS change request effective date.
 - p. Any Network Tariff change is effective from the MSATS change request effective date.
 - q. The network tariff must be an approved and published Network Tariff before it can be used in the Network Tariff Notification.

3.2.2 Delivery Priorities

- a. The B2B Procedure B2B Technical Delivery Specification, section 4 documents the delivery priorities.
 - 1. Participants must ensure all *OneWayNotification* transactions are delivered as a Low Priority.

4 TIMING REQUIREMENTS

- a. The timing requirements for this Procedure (One Way Notification Process) are governed by BusinessReceipt and BusinessAcceptance/Rejection market timing. The Timing Requirements for these Transactions are set out in section 4 of the B2B Procedure B2B Technical Delivery Specification.

4.1 Meter Exchange Notification (MXN) Timing

Figure 5: - Represents the timing points for Meter Exchange Notification (MXN).

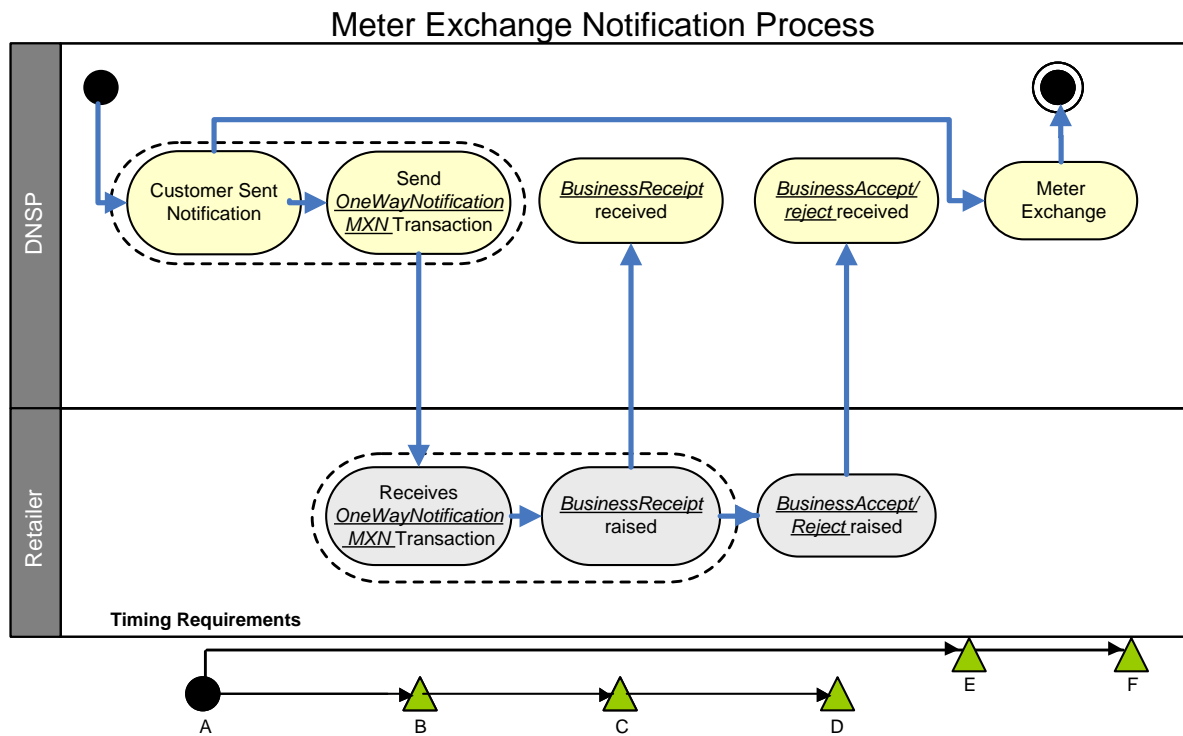


Figure 6: - Timing points A to E described and used below are shown in the diagram above.

Timing Point	Definition
A	This is the point when the DNSP sends notification of a planned Meter Exchange to Customers.
B	This is the point when the DNSP sends the <u>OneWayNotification</u> Meter Exchange Notification (MXN) transaction to the retailer
C	This is the point when the retailer sends the <u>BusinessReceipt</u> to the DNSP.
D	This is the point when the retailer sends the <u>BusinessAcceptance/Rejection</u> to the DNSP.
E	The earliest date provided to the customer for the meter exchange ie NotBeforeDate.
F	The latest date provided to the customer for the meter exchange ie NotAfterDate.

4.1.1 Timing Variations

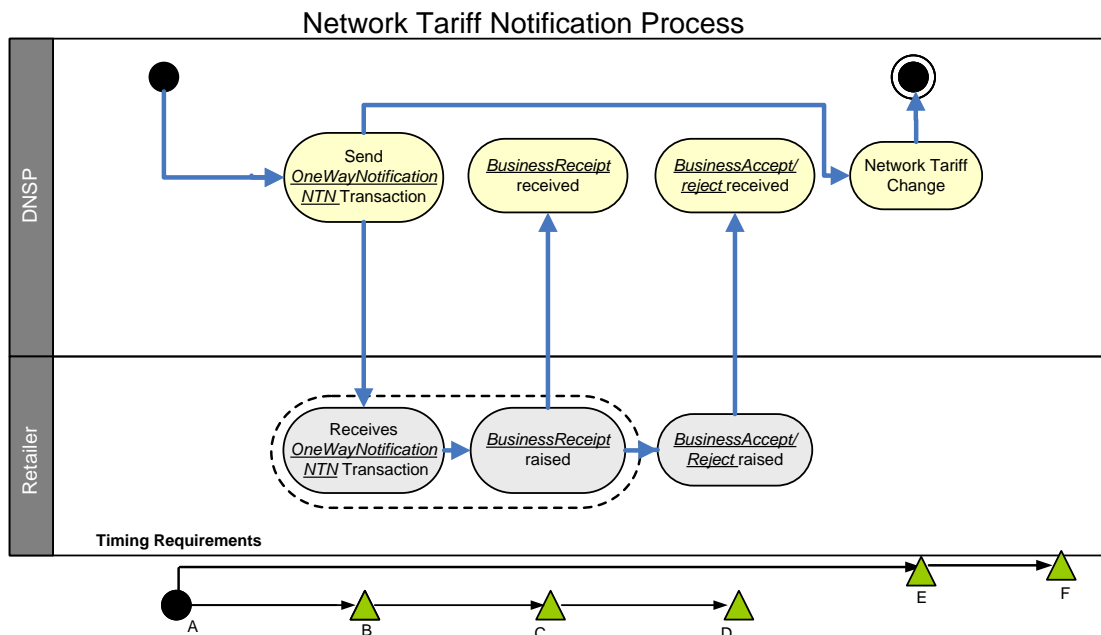
a. The following timing intervals apply to the Meter Exchange Notification (MXN) process

Figure 7: - Timing Point Definitions

Timing Period	Definition
A to B	The DNSP must provide the One Way Notification Transaction to the Retailer within 1 day of notifying the end user (customer).
B to C	Retailers must comply with Section 4 of the B2B Procedure B2B Technical Delivery Specification for <u>BusinessReceipt</u> Messages.
C to D	Retailers must comply with Section 4 of the B2B Procedure B2B Technical Delivery Specification for <u>BusinessAcceptance/Rejection</u> Messages.
A to E	This is the notice period between when the DNSP provides the notification of a planned meter exchange to Customers and commencing any meter exchange. This period must be a minimum of four (4) days.
E to F	This is the period from the 'Not before date' and when the DNSP should complete the planned meter exchange for that customer.

4.2 Network Tariff Notification (NTN) Timing

Figure 8: - Represents the timing points for Network Tariff Notification (NTN).



Note:

The "Network Tariff Change" step is shown for completeness.

Where the Network Tariff changes are not effected by the NOTICEENDDATE, a new NTN will be required from the DNSP.

Figure 9: - Timing points A to E described and used below are shown in the diagram above.

Timing Point	Definition
A	This is the point when the DNSP wishes to change the Network Tariff for a connection point or a set of connection points.
B	This is the point when the DNSP sends the <i>OneWayNotification</i> Network Tariff Notification (NTN) transaction for a NMI or a set of NMIs to the Retailer.
C	This is the point when the Retailer sends the <i>BusinessReceipt</i> to the DNSP.
D	This is the point when the Retailer sends the <i>BusinessAcceptance/Rejection</i> to the DNSP.
E	The date the Network Tariff change is effective in MSATS and is shown for completeness only.
F	This is the latest date the DNSP can effect a Network Tariff change without initiating a new NTN.

4.2.1 Timing Variations

The following timing intervals apply to the Network Tariff Notification (NTN) process

Figure 10: - Timing Point Definition

Timing Period	Definition
B to C	Retailers must comply with Section 4 of the B2B Procedure B2B Technical Delivery Specification for <i>BusinessReceipt</i> Messages.
C to D	Retailers must comply with Section 4 of the B2B Procedure B2B Technical Delivery Specification for <i>BusinessAcceptance/Rejection</i> Messages.
B to E	This is the notice period between when the DNSP provides the notification of a proposed Network Tariff change to Retailers and the new Network Tariff effective date. Where application of this procedure is mandatory, the minimum days for this timing period must meet jurisdictional obligations.
B to F	This is the period between when the DNSP provides the notification of a proposed Network Tariff change to the Retailer and the expiry of the advanced notification of Network Tariff change. Where application of this procedure is mandatory, the minimum days for this timing period must meet jurisdictional obligations.

5 TRANSACTIONS

- a. This Procedure must comply with the industry B2B Procedure Technical Guidelines for B2B Procedures, and the B2B Procedure Technical Delivery Specification.
- b. The One Way Notification transaction shall only contain a single *CSVNotificationDetail* payload.
- c. Participants must ensure that the One Way Notification conforms with the usage, format and definitional rules detailed in the following table for the aseXML content.

Key

M	=	Mandatory (must be provided in all situations).
R	=	Required (must be provided if this information is available or has changed).
O	=	Optional (may be provided and should be used if provided).
N	=	Not required (not required and may be ignored if provided).

Figure 11: - One Way Notification field values

Field	Format	Use	Definition
<i>FromParticipantID</i>	VarChar(10)	M	Participant ID that initiates the OWNPN transaction as published in MSATS.
<i>ToParticipantID</i>	VarChar(10)	M	Participant ID to whom the data is being provided. Participant ID as published in MSATS.
<i>TransactionGroup</i>	VarChar(25)	M	The <i>OWNPN</i> is provided by the initiating participant. This indicates the type of Business Document.
Priority	Enumerated Value	M	Priority value for One Way Notification transaction is "Low".
<i>CSVNotificationDetail</i>	CSVDATA	M	Contains embedded data in CSV format for One Way Notification. Each OWNPN (<i>OneWayNotification</i>) can only carry one <i>CSVNotificationDetail</i> Payload type. Refer to Section 5.1 below for details.

5.1 CSV Notification Details

- a. Participants must ensure the *CSVNotificationDetail* payload conforms with the B2B Procedure Technical Guidelines for B2B Procedures, section 4, by including:
 - Header records "C" – For the header and footer
 - Information records "I" – Column headings for each data item
 - Data records "D" – data for each column heading above.
- b. There is a different *CSVNotificationDetail* for each of the following message types associated with the One Way Notification process;
 1. Meter Exchange Notification (MXN)
 2. Network Tariff Notification (NTN)
- c. Payload content of the *CSVNotificationDetail* is located in clause 5.1.1 for MXN and clause 5.1.2 for NTN

5.1.1 Meter Exchange Notification CSV Data

- a. The Meter Exchange Notification message is defined as;
 1. Message Type – Meter_Exchange
 2. Message Name - MXN
- b. Participants must ensure the Meter Exchange Notification message *CSVNotificationDetail* conforms with the usage, format and definitional rules for the information (I) and data (D) records detailed in the following table. The header and footer (C) record details are contained in the B2B Procedure Technical Guidelines for B2B Procedures.

Figure 12: - Meter Exchange Notification CSV field values

Column	Field	Format	Use	Definition
Column1	RECORDINDICATOR	Char(1)	M	Indicates the type of record, "I" for information which is the column headings for the CSV data, and "D" which is the data for the matching heading.
Column2	MESSAGENAME	VarChar(3)	M	The Message Name for meter exchange, it is always "MXN". See section 5.1.1.a.2 above.
Column3	VERSION	Char(1)	M	Identifies the version of the CSV content. For MXN this is "1".
Column4	NMI	Char(10)	M	NMI where the meter exchange is planned to occur.
Column5	NMICHECKSUM	Char(1)	M	NMI Checksum for the NMI.
Column6	NOTBEFOREDATE	DATE(8)	M	The earliest date provided to the customer for the meter exchange. Format CCYYMMDD.
Column7	NOTAFTERDATE	DATE(8)	M	The latest date provided to the customer for the meter exchange. Format CCYYMMDD.
Column8	NOTICEDATE	DATE(8)	M	This is the date on the notice issued to the customer by the DNSP. Format CCYYMMDD <i>Note: This Date must be a minimum of four (4) days prior to the NOTBEFOREDATE.</i>

Example of I & D indicator records for Meter Exchange

I,MESSAGENAME,VERSION,NMI,NMICHECKSUM,NOTBEFOREDATE,NOTAFTERDATE,NOTICEDATE
D,MXN,1,1234567890,1,20091101,20091122,20090825

- c. The receiving Participant is required to send a BusinessReceipt and BusinessAcceptance/Rejection for each transaction in accordance with the B2B Procedure Technical Delivery Specification.

5.1.2 Network Tariff Notification CSV Data

- a. The Network Tariff Notification message is defined as;
 1. Message Type - Network_Tariff_Notification
 2. Message Name - NTN
- b. The DNSP should use the examples provided where these are applicable to the *REASONFORCHANGE* and only use free text where none of these standards texts are applicable. The DNSP must use the text "No change" when under clause 5.1.2(c) a data record is included in the transaction but the existing tariff is to remain.
- c. Participants must ensure the Network Tariff Notification message *CSVNotificationDetail* conforms to the usage, format and definitional rules for the information (I) and data (D) records detailed in the following table. The header and footer (C) record details are contained in the B2B Procedure Technical Guidelines for B2B Procedures.

Figure 13: - Network Tariff Notification CSV field values

Column	Field	Format	Use	Definition
Column1	RECORDINDICATOR	Char(1)	M	Indicates the type of record, "I" for information which is the column headings for the CSV data, and "D" which is the data for the matching heading.
Column2	MESSAGENAME	VarChar(3)	M	The Message Name for Network_Tariff_Change, is always "NTN". See section 5.1.2.a.2 above.
Column3	VERSION	Char(1)	M	Identifies the version of the CSV content. For NTN this is "1".
Column4	NMI	Char(10)	M	NMI where the Network Tariff change is proposed to occur.
Column5	NMICHECKSUM	Char(1)	M	NMI Checksum for the NMI.
Column6	NTPROPOSEDDATE	DATE(8)	M	This is the proposed date of the Network Tariff change by the DNSP. Format CCYYMMDD
Column7	NOTICEENDDATE	DATE(8)	R	This is the latest date the DNSP can effect a Network Tariff Change without initiating a new NTN. Where application of this procedure is mandatory this date must be provided. Format CCYYMMDD
Column8	PROPOSEDNTC	VarChar2(10)	M	This is the new Network Tariff Code being proposed for that NMI.
Column 9	REASONFORCHANGE	VarChar2(20)	M	This is the reason for Network Tariff change. A few examples are provided below: <ul style="list-style-type: none"> - No Change** - DNSP Review** - Change of NMI Classification** - Smart Meter Roll Out - Regulator Review** - Cust Request to DNSP** - Free Text**

**These 'Reasons for Change' could be used where participants agree the use of this transaction outside the jurisdictional obligations.

Example of I & D indicator records for Network Tariff Change

```
I,MESSAGENAME,VERSION,NMI,NMICHECKSUM,NTPROPOSEDDATE,NOTICEENDDATE,PROPOSEDNTC,REASONFORCHANGE
D,NTN,1,1234567890,1,20111101, 20111121,B101,Change to TOU tariff
```

- d. For each NMI included in a NTN and taking into account clause 3.2.1.d, the DNSP must create individual data(D) records for all Network Tariffs that will be applicable to the NMI post the Network Tariff change in the CSV payload, whether the Network Tariff is changing or not.

An example of the CSV Data has been provided below:

```
D,NTN,1,1234567890,1,20111101, 20111121,B101,Smart Meter Roll Out
```

D,NTN,1,1234567890,1,20111101, 20111121,B102, Smart Meter Roll Out
 D,NTN,1,1234567890,1,20111101, 20111121,NE113, No Change

- e. The receiving Participant is required to send a BusinessReceipt and BusinessAcceptance/Rejection for each transaction in accordance with the B2B Procedure Technical Delivery Specification.

5.2 BusinessAcceptance/Rejection Transaction Data

- a. A Participant must ensure that a BusinessAcceptance/Rejection transaction has a Status field completed as follows;

Figure 14: - Business Receipt Codes.

Field	Format	Use	Definition
<i>Status</i>	Enumeration	M	<u>Allowed values</u> Accept Reject <u>A code to indicate the reason for the rejection.</u> <u>Applicable codes are in the table at 5.3</u> Refer to section 2.5b for usage.

- b. If the *Status* is not "Accept", a Participant must ensure that the following Event block is provided.

Figure 15: - Business Reject – Event Block

Field	Format	Use	Definition
<i>EventCode</i>	NUMERIC(4)	M	Non negative number. An event code of 2003.
<i>KeyInfo</i>	NUMERIC(*8)	O/N	If this field is populated with a number, the number is the line number within the <i>CSVNotificationDetail</i> that the event occurred. <u>If the field is not populated, the <i>EventCode</i> refers to the aseXML transaction, not a specific line within the .CSV data.</u> Not used for Meter Exchange Notification.
<i>Context</i>	EventContext	O/N	The data element in the received Business Document that caused the event. For an error in the <i>CSVNotificationDetail</i> (<i>KeyInfo</i> is populated) this will be a copy of the line where the event was found. Where the line is longer than the field size available, the field is to be fully populated starting from the first character of the line Not used for Meter Exchange Notification.
<i>Explanation</i>	Unlimited Varchar	M/O	An explanation of the event. Mandatory where the business event requires an explanation.

5.3 Applicable events:

- a. Participants must use the most relevant Business Event(s). Where multiple *EventCodes* are applicable, these may be provided.
- b. Where the *EventCode* is not in the aseXML reserve range (0-999), an *EventCode* Description should be included in accordance with the aseXML Guidelines.
- c. The reference table for Business Events that can apply to this process and the relevant Business Signals, including *EventCode(s)* is located in section 5.3 of the B2B Procedure Technical Guidelines for B2B Procedures.

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