



**Redlined Energy Contract Volume Aggregation Agent User Requirements Specification
text for P369 ‘National Grid Legal Separation changes to BSC’**

This Modification proposes changes to sections 2, 4.2, 5.5 and 5.6. We have redlined these changes against Version 21.0.

There is no impact on any other part of this document for this Modification.

Amend section 2 as follows:

2 Introduction

This document is the User Requirements Specification (URS) for the Energy Contract Volume Aggregation Agent role within the Balancing and Settlement Code Services. It is one of a set of documents forming the baseline for requirements of the seven NETA services. This document set comprises:

- BMRA URS;
- CRA URS;
- SAA URS;
- TAA URS;
- ECVAA URS;
- CDCA URS;
- FAA URS;
- Interface Definition and Design.

The objective of this document is to provide a complete specification of the user requirements that the ECVAA service must meet. For this purpose, the “users” include BSCCo Ltd, Ofgem, ~~National Grid~~ the Transmission Company as the balancing mechanism operator, other Service Providers, BSC Parties, and the ECVAA Service Provider’s own operators.

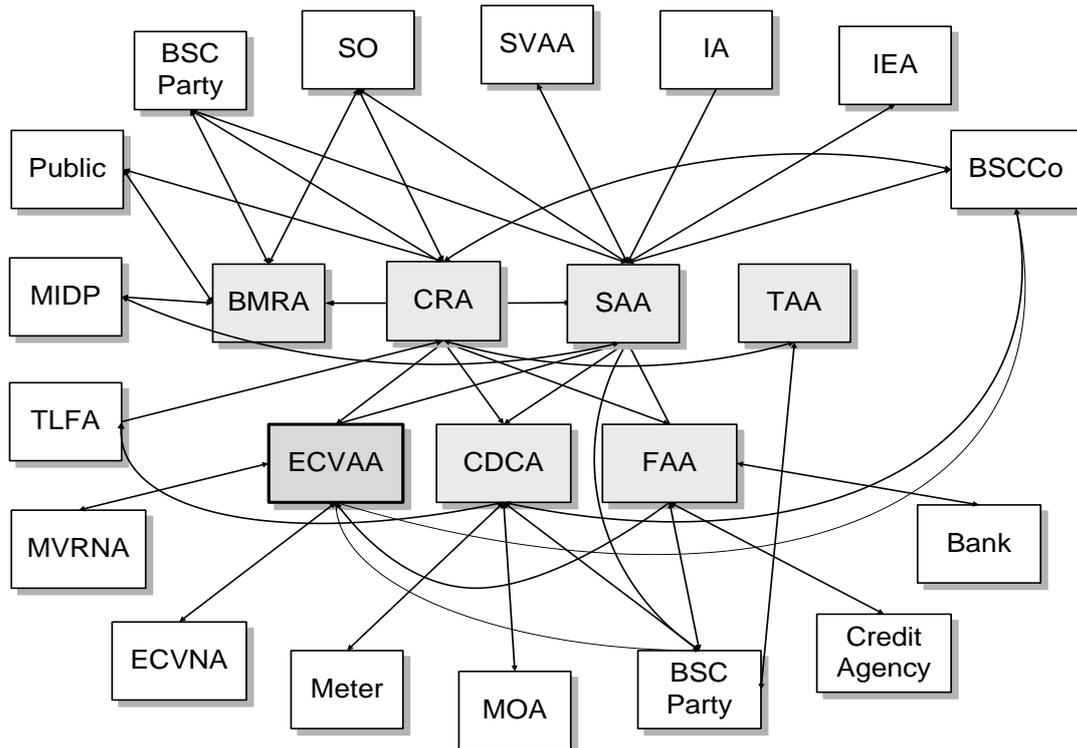
This User Requirements Specification forms the input to the lower level documents such as the System Specification and Design Specification for the ECVAA Service. These specifications constitute the definition of the computer systems built in support of the ECVAA Services.

This document refers to a “Supplier BM Unit”, which means a BM Unit with a BM Unit Type of ‘G’ or ‘S’, as stated by the Lead Party on the ‘Registration of BM Unit’ form in BSCP15.

Amend section 4.2 as follows:

4.2 Service Context

The following diagram illustrates the context of the ECVAA service within the wider scope of the Balancing and Settlement Code. This is a simplified view for clarity; section 6 describes the interfaces from the ECVAA service to other parties in detail.



Item	Description
Bank	A bank which receives debit and credit instructions from the Funds Administration Agent.
BMRA	Balancing Mechanism Reporting Agent.
BSC Party	A party which is signatory to the Balancing and Settlement Code
BSCCo Ltd	The Balancing and Settlement Code Company.
CDCA	Central Data Collection Agent.
CRA	Central Registration Agent
Credit Agency	A credit agency which provides credit cover data on BSC Parties.
ECVAA	Energy Contract Volume Aggregation Agent.
ECVNA	Energy Contract Volume Notification Agent.
FAA	Funds Administration Agent.
IA	Interconnector Administrator.
IEA	Interconnector Error Administrator
Meter	A physical meter registered within the Balancing and Settlement Code arrangements.
MIDP	Market Index Data Provider
MOA	Meter Operation Agent.
MVRNA	Metered Volume Reallocation Notification Agent
Public	A member of the general public.
SAA	Settlement Administration Agent.
SO	System Operator Transmission Company
SVAA	Supplier Volume Aggregation Agent, equivalent to the current Initial Settlement and Reconciliation Agent (ISRA).
TAA	Technical Assurance Agent.
TLFA	Transmission Loss Factor Agent
Transfer Coordinator	A role undertaken by BSCCo Ltd to coordinate transfers of metering between CVA (CRA & CDCA) and SVA in order to address the risk that Metering Systems are 'double counted' or 'omitted' from Settlements'.

Amend section 5.5 as follows:

5.5 ECVAA-F005: Process Energy Contract Volume Notifications

Requirement ID: ECVAA-F005	Status: Mandatory	Title: Process Energy Contract Volume Notifications	BSC Reference: ECVAA SD: 8.1-8.3, B8 ECVAA BPM: 3.3 CR008, CR012, CR028, CP539, P4, CP725, CP911, CP739, P98, Variation 58, P309
Man/auto: Automatic	Frequency: Continuous	Volumes: High	
Functional Requirement:			
The ECVAA shall receive Energy Contract Volume Notifications from ECVNAs as described by requirement ECVAA-I004: Receive Energy Contract Volume Notifications. The Energy Contract Volume Notifications shall comprise:			

Requirement ID: ECVAA-F005	Status: Mandatory	Title: Process Energy Contract Volume Notifications	BSC Reference: ECVAA SD: 8.1-8.3, B8 ECVAA BPM: 3.3 CR008, CR012, CR028, CP539, P4, CP725, CP911, CP739, P98, Variation 58, P309
<p style="text-align: center;">Energy Contract Volume Notifications</p> <p>For Dual Notification, the data received from Agent 1 to the ECVNAA will update the position held on behalf of Party 1, that received from Agent 2 to the ECVNAA will update the position held on behalf of Party 2. Once the data has been processed, amended period data is passed to ECVAA-F014 for comparison with the other party's latest submission.</p> <p>For Notifications submitted under Authorisations with only one ECVNA (Single Notification), the positions held on behalf of both Party 1 and Party 2 will be updated. Once the data has been processed, amended period data is passed to ECVAA-F014 for comparison with the other party's latest submission. In the case of Single Notification, both positions are always the same, so matching is automatic.</p> <p>The System Operator <u>Transmission Company</u> is permitted to notify Energy Contract Volumes just like any other counter-party. The ECVAA will be required to treat the SO as if it has Energy Accounts and it shall pass on Energy Contract Volumes in respect of the SO onto the SAA as for any other Party.</p>			
<p>1: The ECVAA shall validate the received Energy Contract Volume Notifications. The validation checks shall include the following:</p> <ol style="list-style-type: none"> a. checks to ensure that the following data have been submitted: <ul style="list-style-type: none"> • ECVNA identifier • ECVNAA identifier; • ECVNAA Key; • ECVN identifier, comprising originator's ECVNAA identifier plus a unique Reference Code; • Effective From Date; • Effective To Date; (An ECVN may be evergreen, i.e. the Effective To Date is null, may be for a single day, i.e. the Effective To Date equals the Effective From Date, or may be for a specified date range, i.e. the Effective To Date is after the Effective From Date) • Energy Contract Volume Data for Settlement Periods relevant to the ECVN. This comprises the Settlement Period identifier, a number in the range 1-48 (or 1-46/50 for a specific clock change day notification), along with the corresponding ECV for that Settlement Period in MWh. • Omitted Data: No Change (optional); Submission Option indicating how volume data for Settlement Periods not specified in the Notification should be interpreted¹. b. consistency of ECVNAA identifier, ECVNAA Key, ECVNA identifier and BSC Party identifiers; c. validity of the ECVNAA for the Settlement Day on which the Energy Contract Volume Notification is received; d. a check to ensure that the originator's ECVNAA identifier component of the ECVN identifier is either: <ul style="list-style-type: none"> • the ECVNAA identifier of the ECVNA submitting the Energy Contract Volume Notification; or • an ECVNAA identifier for an authorisation that has now expired but was for the same pair of trading Party Energy Accounts (specified in the same order, i.e. Party 1 and Party 2) as the authorisation of the ECVNA submitting the Energy Contract Volume Notification. Where a Notification is submitted under a new ECVNAA in this way, all validation of the received Notification must be successful with regard to the new ECVNAA; e. the following range test must be satisfied: 			

¹ The Omitted Data functionality has been developed, but is disabled.

Requirement ID: ECVAA-F005	Status: Mandatory	Title: Process Energy Contract Volume Notifications	BSC Reference: ECVAA SD: 8.1-8.3, B8 ECVAA BPM: 3.3 CR008, CR012, CR028, CP539, P4, CP725, CP911, CP739, P98, Variation 58, P309
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$$-99,999.999 \leq ECQ_{zabj} \leq 99,999.999$$

ECQ_{zabj} denotes the 48 (46 or 50 on clock change days) elements of Energy Contract Volume Data in MWh for an Energy Contract Volume Notification involving ECVNA z and Energy Accounts a and b for the BSC Parties, for each Settlement Period j of any Settlement Day covered by the Energy Contract Volume Notification.

- f. a check to ensure that for each of the BSC Parties to the Energy Contract Volume Notification, i.e. Party 1 and Party 2
- if the BSC Party's current Credit Cover Percentage is greater than 90% of their Credit Limit and their 'Credit Default Authorisation' flag set to Yes then no component of the received notification must increase that BSC Party's Indebtedness. The definition of notification components that increase Indebtedness is given in ECVAA-F007 point 2.
- g. the Effective To Date must not be on the day of receipt of the Energy Contract Volume Notification if all Settlement Periods for that day have passed the Submission Deadline.
- h. The Effective To Date must not be before the day of receipt.
- i. The Effective To Date must not be before the Effective From Date.
- j. For Dual Notifications, the Effective From Date must be on or after the P98 BSC Implementation Date.
- k. A check to ensure that where the associated ECVNAA has a Notification Amendment Type of 'Additional' or 'Replacement', the use of ECVNAA and ECVN identifiers is consistent with the rules in section 2 below for additional and replacement notifications respectively.

2: The ECVAA shall input each validated Energy Contract Volume Notification into its systems. The data to be recorded for each valid Energy Contract Volume Notification shall include the following:

- ECVNA identifier;
- ECVNAA identifier;
- ECVNAA Key;
- ECVN identifier, comprising originator's ECVNAA identifier plus a unique Reference Code;
- Effective From Date;
- Effective To Date;
- Energy Contract Volume Data for Settlement Periods relevant to the ECVN. This comprises the Settlement Period number in the range 1-48 (or 1-46/50 on a clock change day) along with the corresponding ECV for that Settlement Period in MWh.

For the avoidance of doubt, the following rules will apply to Energy Contract Volume Notifications:

- For Dual Notifications, ECVNs will be used to determine the position submitted on behalf a BSC Party by their appointed ECVNA. For Single Notifications, ECVNs are used to determine the position submitted on behalf of both counterparties. Note that the matched position is determined separately as defined in ECVAA-F014.

Requirement ID: ECVAA-F005	Status: Mandatory	Title: Process Energy Contract Volume Notifications	BSC Reference: ECVAA SD: 8.1-8.3, B8 ECVAA BPM: 3.3 CR008, CR012, CR028, CP539, P4, CP725, CP911, CP739, P98, Variation 58, P309
<ul style="list-style-type: none"> • Initial Energy Contract Volume Notification is an ECVN submitted with an Energy Contract Volume Notification identifier not previously notified to the ECVAA for the same combination of BSC Party Energy Accounts but where the ECVN does not overlap with an earlier ECVN (i.e. is not an Additional ECVN). An Initial ECVN is not limited by whether the ECVNAA's Notification Amendment Type; • A Replacement Energy Contract Volume Notification is an ECVN submitted with an Energy Contract Volume Notification identifier which has previously been notified to the ECVAA for the same combination of BSC Party Energy Accounts and where the second ECVN's Effective From Date is on or before the Effective To Date of the first ECVN. In this case the second ECVN will be considered a Replacement ECVN and will replace the previous Energy Contract Volume Notification with the same identifier; • An Additional Energy Contract Volume Notification is an ECVN submitted with an Energy Contract Volume Notification identifier not previously notified to the ECVAA for the same combination of BSC Party Energy Accounts and where Settlement Periods that the ECVN affects do overlap with an earlier ECVN's. In this case the Additional ECVN will add to any previously submitted Energy Contract Volume Notifications for the same combination of BSC Party Energy Accounts between the dates specified; • The ECVAA shall only accept Replacement or Additional ECVNs where the corresponding ECVNAA allows it. That is Replacement ECVNs will only be accepted in relation to Authorisations with a Notification Amendment Type in force at the time of the ECVN's submission that is equal to Both or Replacement, and Additional ECVNs will only be accepted in relation to Authorisations with a Notification Amendment Type in force at the time of the ECVN's submission that is equal to Both or Additional; • For processing purposes, the Current Date is the earliest Settlement Date for which at least one Settlement Period has not passed the Submission Deadline at the time the ECVAA receives the Notification. An Energy Contract Notification will not be applied for any date before the Current Date, so the Applied From Date is either the Effective From Date in the received notification or the Current Date, whichever is the later. • An Energy Contract Volume Notification <i>Replacement</i> will replace a previously submitted Energy Contract Volume Notification with the same identifier from the Applied From Date (see above). Note: the previous Energy Contract Volume Notification will be replaced in its entirety from the Applied From Date and earliest Settlement Period for which the Submission Deadline has not passed; • In the case of a Replacement ECVN, the previous Energy Contract Volume Notification will be replaced in its entirety from the Applied From Date and earliest Settlement Period for which the Submission Deadline has not passed. • Settlement Periods not included in the Energy Contract Volume Notification indicate that there is zero Energy Contract Volume for that period or that previously specified Energy Contract Volume is withdrawn. An Energy Contract Volume Notification with Energy Contract Volume data for no Settlement Periods indicates that the Energy Contract Volume Notification has been withdrawn in its entirety from the Effective From Date specified. As with other amendments, withdrawal of a notification will only be applicable from the Applied From Date, and earliest settlement period for which the Submission Deadline has not passed. • The Energy Contract Volume for Settlement Periods that have passed the Submission Deadline at the time of receipt of the Energy Contract Volume Notification will be disregarded and will not be input into the ECVAA system. (Note: the relevant BSC parties and ECVNA will not be notified of Settlement Periods which are disregarded.) • The Energy Contract Volumes for Settlement Periods that have not passed the Submission Deadline 			

Requirement ID: ECVAA-F005	Status: Mandatory	Title: Process Energy Contract Volume Notifications	BSC Reference: ECVAA SD: 8.1-8.3, B8 ECVAA BPM: 3.3 CR008, CR012, CR028, CP539, P4, CP725, CP911, CP739, P98, Variation 58, P309
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at the time of receipt of the Energy Contract Volume Notification will be input into the ECVAA system according to the *new* or *amended* Notification rules described above.

- Where an Energy Contract Volume Notification is for a range of days or is evergreen and is applicable from the Current Date, a single day view of the data will be recorded by the ECVAA system for the current date. This single day view will be a composite of previously received volumes, for Settlement Periods for which the Submission Deadline has passed, and the volumes in the notification, for the remaining Settlement Periods. In addition, the mapping rules for clock change days, as described in item 4, will be applied when recording this single day view. The remaining days of the notification will be recorded by the ECVAA system as received, i.e. with 48 Settlement Periods, but with an Effective From Date of Current Date + 1. The exception to this is where, for a non-clock change Current Date, the received notification's pre- Submission Deadline volumes match the previously received volumes. In this case, the notification will be recorded and reported as a single notification effective from the Current Date, and with all period volumes (always 48 periods) as they are in the received notification. Refer to requirement ECVAA-I022 for details on how these notifications are reported.
- See Section 5.14 for clarification on the storage of Notifications.

Therefore:

- For a *new* Energy Contract Volume Notification only the Energy Contract Volume for Settlement Periods that have not passed the Submission Deadline will be input into the ECVAA system. Settlement Periods that have passed the Submission Deadline will not be stored, i.e. will be null/zero.
- For an *amended* Energy Contract Volume Notification only the Energy Contract Volume for Settlement Periods that have not passed the Submission Deadline will replace Energy Contract Volumes already stored in the ECVAA system. Settlement Periods that have passed the Submission Deadline will remain as the Volumes already stored in the ECVAA system (which may be null or zero).

Notes:

1. Energy Contract Volume Notification identifiers must be unique for any given BSC Party Energy Account combination regardless of the number of ECVNAs authorised to submit notifications on behalf of the parties. If identifiers are not unique this will result in new Energy Contract Volume Notifications being processed as amendments, i.e. being a replacement rather than being additive.
2. When an ECVAA System Failure or ECVAA System Withdrawal has been declared affecting some or all Notification Agents, ECVAA shall then process (as if they had arrived before the appropriate the Submission Deadline), submissions or re-submissions of Volume Notifications from those affected Notification Agents which relate to any Settlement Period having the Submission Deadline between:
 - a. the time at which the ECVAA System Failure or ECVAA System Withdrawal began, and
 - b. the end of the Business Day following the day on which the ECVAA notified BSCCo Ltd that the ECVAA System Failure or ECVAA System Withdrawal had ended (the 'resubmission deadline').

BSCCo Ltd may modify the resubmission deadline to a later date if appropriate, in which case the ECVAA will be notified.

Processing of notifications submitted under this rule is manual.

Requirement ID: ECVAA-F005	Status: Mandatory	Title: Process Energy Contract Volume Notifications	BSC Reference: ECVAA SD: 8.1-8.3, B8 ECVAA BPM: 3.3 CR008, CR012, CR028, CP539, P4, CP725, CP911, CP739, P98, Variation 58, P309
<p>3: The ECVAA shall reject any Energy Contract Volume Notification that fails the validation described in point 1 above and notify the relevant BSC Parties and ECVNA(s) of the rejection, including the reasons for the rejection. If any part of the Energy Contract Volume Notification fails validation it shall be rejected in its entirety. Rejected data shall be retained for audit purposes.</p> <p>The ECVAA shall report rejected Energy Contract Volume Notifications as described by requirement ECVAA-I009: Issue Energy Contract Volume Notification Feedback. The report will be sent to the submitting ECVNA and their associated BSC Party subject to the reporting option selected with the authorisation – see ECVAA-F003.</p>			
<p>4: The ECVAA shall apply default rules to the processing of Energy Contract Volume Notifications for clock change days, unless a specific clock change day notification has been submitted.</p> <p>Where an Energy Contract Volume Notification is for a range of days or is evergreen the Settlement Period data is applied to a clock change day as follows.</p> <p>For a ‘short’ day, having 46 Settlement Periods (i.e. the spring clock change when 1am GMT changes to 2am BST):</p> <ul style="list-style-type: none"> • Settlement Periods 1 to 2 (00:00 to 01:00 GMT) of the ‘short’ day take the values of Settlement Periods 1 to 2 (00:00 to 01:00 local time) of the ‘normal’ day notification; • Settlement Periods 3 to 46 (02:00 to 24:00 BST) of the ‘short’ day take the values of Settlement Periods 5 to 48 (02:00 to 24:00 local time) of the ‘normal’ day notification; • Settlement Periods 3 and 4 of the ‘normal’ day notification are not used on a short day. <p>For a ‘long’ day, having 50 Settlement Periods (i.e. the autumn clock change when 2am BST changes to 1am GMT):</p> <ul style="list-style-type: none"> • Settlement Periods 1 to 4 (00:00 to 02:00 BST) of the ‘long’ day take the values of Settlement Periods 1 to 4 (00:00 to 02:00 local time) of the ‘normal’ day notification; • Settlement Periods 5 to 6 (01:00 to 02:00 GMT) of the ‘long’ day take the values of Settlement Periods 3 to 4 (01:00 to 02:00 local time) of the ‘normal’ day notification; • Settlement Periods 7 to 50 (02:00 to 24:00 GMT) of the ‘long’ day take the values of Settlement Periods 5 to 48 (02:00 to 24:00 local time) of the ‘normal’ day notification. <p>Where a single day Energy Contract Volume Notification (i.e. Effective To Date equals Effective From Date) is received for a clock change day it is assumed that the loss/gain of one hour has been taken into account and the Settlement Period data will be processed exactly as specified, i.e. the default rules described above are not applied. Note, however, that the standard additional/replacement processing rules described in point 2 will still apply. Submitting a single day clock change notification does not automatically replace all other notifications which relate to the day.</p>			

Requirement ID: ECVAA-F005	Status: Mandatory	Title: Process Energy Contract Volume Notifications	BSC Reference: ECVAA SD: 8.1-8.3, B8 ECVAA BPM: 3.3 CR008, CR012, CR028, CP539, P4, CP725, CP911, CP739, P98, Variation 58, P309
<p>5: The data will be submitted to ECVAA-F014 for comparison with the latest submission from the other agent on behalf of the other party. The matching status of the data will be updated.</p> <p>For data falling in settlement dates having settlement period 1 within 36 hours (72 settlement periods) of receipt of the ECVN, the ECVAA shall (subject to reporting options selected for the BSC Party and Agent) notify interested organisations of:</p> <ul style="list-style-type: none"> • the position submitted on behalf of Party 1 • the position submitted on behalf of Party 2 • the matched position <p>Detailed report requirements are described in ECVAA-I028: Issue Energy Contract Volume Notification (ECVN) Acceptance Feedback</p>			
<p>6: The ECVAA shall (subject to reporting options selected for the BSC Party and Agent) notify the relevant BSC Party and ECVNA of ECVNs which are successfully loaded where settlement period 1 of the effective from date on the ECVN starts within 36 hours (72 settlement periods) of receipt of the ECVN.</p> <p>The ECVAA shall report accepted Energy Contract Volume Notifications as described by requirement ECVAA-I028: Issue ECVN Acceptance Feedback.</p>			
<p>Non Functional Requirement:</p>			
<p>The ECVAA Service shall process Energy Contract Volume Notifications automatically upon receipt and shall return rejections or acceptance feedback if applicable within 15 minutes of receipt.</p> <p>If a rejection feedback is not sent within 20 minutes after receipt of an Energy Contract Volume Notification, the ECVAA shall accept a re-submitted Notification, provided that the re-submitted Notification has only been amended to correct those matters which gave rise to its invalidity. The re-submitted Notification shall be deemed to have been received at the time of receipt of the original Notification. Processing of re-submitted Notifications shall be manual.</p> <p>The ECVAA shall ensure that Acceptance Feedback Reports generated in response to notifications submitted under a given ECVNAA and ECVN Identifier, irrespective of the submitting ECVNA, have sequence numbers which follow the same order as the transaction numbers which they contain.</p>			
<p>Interfaces:</p>			
<p>Related interface requirements:</p> <p>ECVAA-I004: Receive Energy Contract Volume Notifications</p> <p>ECVAA-I009: Issue Energy Contract Volume Notification Feedback</p> <p>ECVAA-I028: Issue ECVN Acceptance Feedback</p>			

Amend section 5.6 as follows:

5.6 ECVAA-F006: Process Metered Volume Reallocation Notifications

Requirement ID: ECVAA-F006	Status: Mandatory	Title: Process Metered Volume Reallocation Notifications	BSC Reference: ECVAA SD: 9.1-9.3, B10 ECVAA BPM: 3.3 CR005, CR008, CR012, CR028, P4, CP725, CP911, CP739, P98, Variation 58
Man/auto: Automatic	Frequency: Continuous	Volumes: High	
Functional Requirement:			
<p>The ECVAA shall receive Metered Volume Reallocation Notifications from MVRNAs as described by requirement ECVAA-I005: Receive Metered Volume Reallocation Notifications. The Metered Volume Reallocation Notifications shall comprise:</p> <p style="text-align: center;">Metered Volume Reallocation Notifications</p> <p>For Dual Notification, the data received from Agent 1 to the MVRNAA will update the position held on behalf of the Lead Party, that received from Agent 2 to the MVRNAA will update the position held on behalf of the Subsidiary Party. Once the data has been processed, amended period data is passed to ECVAA-F015 for comparison with the other party's latest submission.</p> <p>For Notifications submitted under Authorisations with only one MVRNA (Single Notification), the positions held on behalf of both the Lead Party and the Subsidiary Party will be updated. Once the data has been processed, amended period data is passed to ECVAA-F015 for comparison with the other party's latest submission. In the case of Single Notification, both positions are always the same, so matching is automatic.</p> <p>The System Operator<u>Transmission Company</u> is permitted to notify Metered Volume Reallocations just like any other counter-party. The ECVAA will be required to treat the SO as if it has Energy Accounts and it shall pass on Metered Volume Reallocation information in respect of the SO onto the SAA as for any other Party.</p>			
<p>1: The ECVAA shall validate the received Metered Volume Reallocation Notifications. The validation checks shall include the following:</p> <p>a. the following data must be submitted for each Metered Volume Reallocation Notification:</p> <ul style="list-style-type: none"> • MVRNA identifier; • MVRNAA identifier; • MVRNAA Key; • MVRN identifier, comprising originator's MVRNAA identifier plus a unique Reference Code; • Effective From Date; • Effective To Date; (A MVRN may be evergreen, i.e. the Effective To Date is null, may be for a single day, i.e. the Effective To Date equals the Effective From Date, or may be for a specified date range, i.e. the Effective To Date is after the Effective From Date) • Metered Volume Reallocation Data for Settlement Periods relevant to MVRN. This comprises: • Settlement Period identifier, a number in the range 1-48 (or 1-46/50 for a specific clock change day notification); • Metered Volume Fixed Reallocation (QMFR_{iaj}), in MWh assigned to the Subsidiary Party for the 			

Requirement ID: ECVAA-F006	Status: Mandatory	Title: Process Metered Volume Reallocation Notifications	BSC Reference: ECVAA SD: 9.1-9.3, B10 ECVAA BPM: 3.3 CR005, CR008, CR012, CR028, P4, CP725, CP911, CP739, P98, Variation 58
<p>Settlement Period;</p> <ul style="list-style-type: none"> • Metered Volume Percentage Reallocation ($QMPR_{iaj}$) assigned to the Subsidiary Party for the Settlement Period. • Omitted Data: No Change (optional); Submission Option indicating how volume data for Settlement Periods not specified in the Notification should be interpreted.² <p>b. consistency of MVRNAA identifier, MVRNAA Key, MVRNA identifier;</p> <p>c. validity of the MVRNAA for the Settlement Day on which the MVRN is received;</p> <p>d. a check to ensure that the originator's MVRNAA identifier component of the MVRN identifier is either:</p> <ul style="list-style-type: none"> • the MVRNAA identifier of the MVRNA submitting the Metered Volume Reallocation Notification; or • an MVRNAA identifier for an authorisation that has now expired but was for the same Lead and Subsidiary Party Energy Accounts as the authorisation of the MVRNA submitting the Metered Volume Reallocation Notification. Where a Notification is submitted under a new MVRNAA in this way, all validation of the received Notification must be successful with regard to the new MVRNAA; <p>e. the following tests must be satisfied:</p> $0.00 \leq QMPR_{aj} \leq 100.00$ $\sum_a QMPR_{aj} \leq 100.00$ <p>Where $QMPR_{aj}$ is the matched Metered Volume Percentage Reallocation for Subsidiary Energy Account a, BM Unit i and Settlement Period j. This test is performed in ECVAA-F015 Matching of submitted MVRNs.</p> <p>In addition, the Metered Volume Percentage Reallocation as notified on behalf of a Lead Party for Subsidiary Party Energy Account a, BM Unit i and Settlement Period j, whether matched or not, must meet the criteria:</p> $\sum_a QMPR_{aj} \leq 100.00$ <p>Where $QMPR_{aj}$ is the Metered Volume Percentage Reallocation as notified by the Lead Party for Subsidiary Account a, BM Unit I and Settlement Period j.</p> <p>The Energy Percentage for the Lead Energy Account will default to whatever is remaining from 100.00 after the Subsidiary Energy Accounts' allocation.</p> <p>f. a check to ensure that for each of the BSC Parties to the Metered Volume Reallocation Notification, i.e. the Lead Party and Subsidiary Party:</p> <ul style="list-style-type: none"> • if the BSC Party's current Credit Cover Percentage is greater than 90% of their Credit Limit and their 'Credit Default Authorisation' flag set to Yes then no component of the received notification must increase that BSC Party's Indebtedness. The definition of notification components that 			

² The Omitted Data functionality has been developed, but is disabled.

Requirement ID: ECVAA-F006	Status: Mandatory	Title: Process Metered Volume Reallocation Notifications	BSC Reference: ECVAA SD: 9.1-9.3, B10 ECVAA BPM: 3.3 CR005, CR008, CR012, CR028, P4, CP725, CP911, CP739, P98, Variation 58
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increase Indebtedness is given in ECVAA-F007 point 2.

- g. the Effective To Date must not be on the day of receipt of the Metered Volume Reallocation Notification if all Settlement Periods for that day have passed the Submission Deadline.
- h. The Effective To Date must not be before the day of receipt.
- i. The Effective To Date must not be before the Effective From Date.
- j. For Dual Notifications, the Effective From Date must be on or after the P98 BSC Implementation Date.

2: The ECVAA shall input each validated Metered Volume Reallocation Notification into its systems. The data to be recorded for each valid Metered Volume Reallocation Notification shall include the following:

- MVRNA identifier;
- MVRNAA identifier;
- MVRNAA Key;
- MVRN identifier, comprising originator's MVRNAA identifier plus a unique Reference Code;
- Effective From Date;
- Effective To Date;
- Metered Volume Reallocation Data for Settlement Periods relevant to MVRN. This comprises:
 - Settlement Period identifier, a number in the range 1-48 (or 1-46/50 on a clock change day);
 - Metered Volume Fixed Reallocation (QMFR_{iaj}), in MWh assigned to the Subsidiary Party for the Settlement Period;
 - Metered Volume Percentage Reallocation (QMPR_{iaj}) assigned to the Subsidiary Party for the Settlement Period.

For the avoidance of doubt, the following rules will apply to Metered Volume Reallocation Notifications:

- For Dual Notifications, MVRNs will be used to determine the position submitted on behalf a BSC Party by their appointed MVRNA. For Single Notifications, MVRNs are used to determine the position submitted on behalf of both counterparties. Note that the matched position is determined separately as defined in ECVAA-F015.
- A Metered Volume Reallocation Notification submitted with a Metered Volume Reallocation Notification identifier not previously notified to the ECVAA for the same combination of Lead and Subsidiary Party Energy Accounts will be considered a *new* Metered Volume Reallocation Notification;
- A Metered Volume Reallocation Notification submitted with a Metered Volume Reallocation Notification identifier which has previously been notified to the ECVAA for the same combination of Lead and Subsidiary Party Energy Accounts will be considered an *amendment* to the previous Metered Volume Reallocation Notification with the same identifier;
- A *new* Metered Volume Reallocation Notification will add to any previously submitted Metered Volume Reallocation Notifications for the same combination of Lead and Subsidiary Party Energy Accounts between the dates specified; (Note: for additive Metered Volume Reallocation Notifications both the Metered Volume Fixed Reallocation and Metered Volume Percentage Reallocation values will be summed.)
- For processing purposes, the Current Date is the earliest Settlement Date for which at least one Settlement

Requirement ID: ECVAA-F006	Status: Mandatory	Title: Process Metered Volume Reallocation Notifications	BSC Reference: ECVAA SD: 9.1-9.3, B10 ECVAA BPM: 3.3 CR005, CR008, CR012, CR028, P4, CP725, CP911, CP739, P98, Variation 58
<p>Period has not passed the Submission Deadline at the time the ECVAA receives the Notification. A Metered Volume Reallocation Notification will not be applied for any date before the Current Date, so the Applied From Date is either the Effective From Date in the received notification or the Current Date, whichever is the later.</p> <ul style="list-style-type: none"> • A Metered Volume Reallocation Notification <i>amendment</i> will replace a previously submitted Metered Volume Reallocation Notification with the same identifier from the Applied From Date (see above). Note: the previous Metered Volume Reallocation Notification will be replaced in its entirety from the Applied From Date and the earliest Settlement Period for which the Submission Deadline has not passed; • In the case of an <i>amendment</i>, the previous Metered Volume Reallocation Notification will be overwritten in its entirety from the Applied From Date and the earliest Settlement Period for which the Submission Deadline has not passed. • Settlement Periods not included in the Metered Volume Reallocation Notification indicate that there is zero Metered Volume Reallocation for that period or that previously specified Metered Volume Reallocation is withdrawn. A Metered Volume Reallocation Notification with Metered Volume Reallocation data for no Settlement Periods indicates that the Metered Volume Reallocation Notification has been withdrawn in its entirety from the Effective From Date specified. As with other amendments, withdrawal of a notification will only be applicable from the Applied From Date, and earliest settlement period for which the Submission Deadline has not passed. • Where a Metered Volume Reallocation Notification is for a range of days or is evergreen and is applicable from the Current Date, a single day view of the data will be recorded by the ECVAA system for the current date. This single day view will be a composite of previously received volumes, for Settlement Periods for which the Submission Deadline has passed, and the volumes in the notification, for the remaining Settlement Periods. In addition, the mapping rules for clock change days, as described in item 4, will be applied when recording this single day view. The remaining days of the notification will be recorded by the ECVAA system as received, i.e. with 48 Settlement Periods, but with an Effective From Date of Current Date + 1. The exception to this is where, for a non-clock change Current Date, the received notification's pre- Submission Deadline volumes match the previously received volumes. In this case, the notification will be recorded and reported as a single notification effective from the Current Date, and with all period volumes (always 48 periods) as they are in the received notification. Refer to requirement ECVAA-I022 for details on how these notifications are reported. • See Section 5.14 for clarification on the storage of Notifications. <p>Notes:</p> <ol style="list-style-type: none"> 1. Metered Volume Reallocation Notification identifiers must be unique for any given Lead and Subsidiary Party Energy Account combination regardless of the number of MVRNAs authorised to submit notifications on behalf of the parties. If identifiers are not unique this will result in new Metered Volume Reallocation Notifications being processed as amendments, i.e. being a replacement rather than an addition. 2. When an ECVAA System Failure or ECVAA System Withdrawal has been declared affecting some or all Notification Agents, ECVAA shall then process (as if they had arrived before the appropriate the Submission Deadline), submissions or re-submissions of Volume Reallocation Notifications from those affected Notification Agents which relate to any Settlement Period having the Submission Deadline between: <ol style="list-style-type: none"> a. the time at which the ECVAA System Failure of ECVAA System Withdrawal began, and b. the end of the Business Day following the day on which the ECVAA notified BSCCo Ltd that the ECVAA System Failure or ECVAA System Withdrawal had ended (the 'resubmission deadline'). 			

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<p>BSCCo Ltd may modify the resubmission deadline to a later date if appropriate, in which case the ECVAA will be notified.</p> <p>Processing of notifications submitted under this rule is manual</p> <p>The ECVAA shall report valid Metered Volume Reallocation Notifications (which have not been rejected during credit checking, see ECVAA-F007 point 2) to the SAA once a day as described by Interface I012: Issue Metered Volume Reallocation Notification Report.</p>			
<p>3: The ECVAA shall reject any Metered Volume Reallocation Notification that fails the validation described in point 1 above and notify the relevant Lead and Subsidiary Parties and MVRNA of the rejection, including the reasons for the rejection. If any part of the Metered Volume Reallocation Notification fails validation it shall be rejected in its entirety. Rejected data shall be retained for audit purposes.</p> <p>The ECVAA shall report rejected Metered Volume Reallocation Notifications as described by requirement ECVAA-I010: Issue Metered Volume Reallocation Notification Feedback. The report will be sent to the submitting MVRNA and their associated BSC Party subject to the reporting option selected with the authorisation – see ECVAA-F004.</p>			
<p>4: The ECVAA shall apply default rules to the processing of Metered Volume Reallocation Notifications for clock change days, unless a specific clock change day notification has been submitted.</p> <p>Where a Metered Volume Reallocation Notification is for a range of days or is evergreen the Settlement Period data is applied to a clock change day as follows.</p> <p>For a ‘short’ day, having 46 Settlement Periods (i.e. the spring clock change when 1am GMT changes to 2am BST):</p> <ul style="list-style-type: none"> • Settlement Periods 1 to 2 (00:00 to 01:00 GMT) of the ‘short’ day take the values of Settlement Periods 1 to 2 (00:00 to 01:00 local time) of the ‘normal’ day notification; • Settlement Periods 3 to 46 (02:00 to 24:00 BST) of the ‘short’ day take the values of Settlement Periods 5 to 48 (02:00 to 24:00 local time) of the ‘normal’ day notification; • Settlement Periods 3 and 4 of the ‘normal’ day notification are not used on a short day. <p>For a ‘long’ day, having 50 Settlement Periods (i.e. the autumn clock change when 2am BST changes to 1am GMT):</p> <ul style="list-style-type: none"> • Settlement Periods 1 to 4 (00:00 to 02:00 BST) of the ‘long’ day take the values of Settlement Periods 1 to 4 (00:00 to 02:00 local time) of the ‘normal’ day notification; • Settlement Periods 5 to 6 (01:00 to 02:00 GMT) of the ‘long’ day take the values of Settlement Periods 3 to 4 (01:00 to 02:00 local time) of the ‘normal’ day notification; • Settlement Periods 7 to 50 (02:00 to 24:00 GMT) of the ‘long’ day take the values of Settlement Periods 5 to 48 (02:00 to 24:00 local time) of the ‘normal’ day notification. <p>Where a single day Metered Volume Reallocation Notification (i.e. Effective To Date equals Effective From Date) is received for a clock change day it is assumed that the loss/gain of one hour has been taken into account and the Settlement Period data will be processed exactly as specified, i.e. the default rules described above are not applied. Note, however, that the standard addition/replacement processing rules described in point 2 will still apply. Submitting a single day clock change notification does not automatically replace all other notifications which relate to the day.</p>			

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<p>5: The data will be submitted to ECVAA-F015 for comparison with the latest submission from the other agent on behalf of the other party. The matching status of the data will be updated.</p> <p>For data falling in settlement dates having settlement period 1 within 36 hours (72 settlement periods) of receipt of the MVRN, the ECVAA shall (subject to reporting options selected for the BSC Party and Agent)) notify interested organisations of:</p> <ul style="list-style-type: none"> • the position submitted on behalf of the Lead Party • the position submitted on behalf of the Subsidiary Party • the matched position <p>Detailed report requirements are described in ECVAA-I029: Issue Meter Volume Reallocation Notification (MVRN) Acceptance Feedback.</p>			
<p>6: The ECVAA shall (subject to reporting options selected for the BSC Party and Agent) notify the relevant BSC Parties and MVRNA of MVRNs which are successfully loaded where settlement period 1 of the effective from date on the MVRN starts within 36 hours (72 settlement periods) of receipt of the MVRN.</p> <p>The ECVAA shall report accepted Meter Volume Reallocation Notifications as described by requirement ECVAA-I029: Issue MVRN Acceptance Feedback.</p>			
<p>Non Functional Requirement:</p>			
<p>The ECVAA Service shall process Metered Volume Reallocation Notifications automatically upon receipt and shall return rejections or acceptance feedback if applicable within 15 minutes of receipt.</p> <p>If a rejection feedback is not sent within 20 minutes after receipt of a Metered Volume Reallocation Notification, the ECVAA shall accept a re-submitted Notification, provided that the re-submitted Notification has only been amended to correct those matters which gave rise to its invalidity. The re-submitted Notification shall be deemed to have been received at the time of receipt of the original Notification. Processing of re-submitted Notifications shall be manual.</p> <p>The ECVAA shall ensure that Acceptance Feedback Reports generated in response to notifications submitted under a given MVRNAA and MVRN Identifier, irrespective of the submitting MVRNA, have sequence numbers which follow the same order as the transaction numbers which they contain.</p>			
<p>Interfaces:</p>			
<p>Related interface requirements: ECVAA-I005: Receive Metered Volume Reallocation Notifications ECVAA-I010: Issue Metered Volume Reallocation Notification Feedback ECVAA-I029: Issue MVRN Acceptance Feedback</p>			