

**Change Proposal – BSCP40/02**

CP No: 1373

*Version No: v1.0  
(mandatory by BSCCo)*

**Title** *(mandatory by originator)*

Uploading multiple ECVNs/MVRNs via the EWS

**Description of Problem/Issue** *(mandatory by originator)*

Trading Parties submit Energy Contract Volume Notifications (ECVNs) and Metered Volume Reallocation Notifications (MVRNs) to the Energy Contract Volume Aggregation Agent (ECVAA) in order to notify any trades that they wish to make. ECVNs are made by Energy Contract Volume Notification Agents (ECVNAs) by submitting an ECVAA-I004 flow to ECVAA. MVRNs are made by Metered Volume Reallocation Notification Agents (MVRNAs) by submitting an ECVAA-I005 flow to ECVAA. These Party Agents can generate and submit the relevant flows using their own internal notification systems. Alternatively, they can use the ECVAA Web Service (EWS).

When a notification is made through the EWS, the ECVNA/MVRNA is required to enter the information into a series of pre-defined fields. Once they have filled in all these fields, the EWS validates and acknowledges the submission before generating and sending the relevant flow to ECVAA. The Party Agent is required to do this for each ECVN or MVRN that they submit.

This method of manually entering the data for each submission is cumbersome and time-consuming, especially if a Party Agent is intending to submit multiple notifications. In addition, it could also be liable to human error, due to the manual process of copying the required information into the EWS interface.

**Proposed Solution** *(mandatory by originator)*

We propose that additional functionality is introduced within EWS to accept a comma separated variable (csv) file containing multiple notification details. This would entail the creation of a new page within EWS. The csv file could contain notifications for multiple counterparties.

Where the site currently shows a link under the ‘ECVN selection’ screen to the ‘ECVN Creation Page’, an additional link will be added to allow upload of multiple notifications. This would take the user to a new screen allowing them to upload a csv file in a predefined format. This link should make it clear that you can upload contracts for multiple authorisations. A similar link will be provided in the MVRN section of the EWS.

The user will first need to browse to where they have stored the csv file. Once the file has been uploaded, the user will be able to click a button to begin validation. EWS will then validate the file, which it will do at both a structure and content level using the EWS’s existing validation functions. The EWS will validate all rows in the csv file, and any invalid rows will be notified to the user.

If all entries are deemed valid then the user will be able to submit their notifications, which they do by clicking a button. This button will only be enabled if the uploaded csv file has passed validation. Upon submission EWS will submit each notification in turn and log the ACK results. All details that can be auto-populated (such as sequence number, Authorisation ID etc) will be populated by the system. Once submission is finished then the user will be presented with a csv file containing

details of all submitted notifications, as well as the ACK results (fulfilling BSC obligations around ACKs).

The structure of the csv file will be determined during the build phase of development, and this will be made available to users of the EWS.

The current methods for submitting ECVNs or MVRNs, either using a Party Agent's own systems or via the existing methods on the EWS, would not be affected by this change.

**Justification for Change** *(mandatory by originator)*

The current process of submitting these notifications via the EWS is not easy to use as part of a Party Agent's daily notification submission processes, as it requires manually typing data into the predefined fields. Submitting accurate ECVNs and MVRNs is a critical part of any Trading Party's operations, in order to avoid imbalance. However, there is no service currently provided by Central Systems that can be used to submit these with ease, and so many Party Agents are required to develop or purchase their own systems in order to do this. This can increase costs, which can be a burden for smaller Party Agents.

Introducing the facility to submit multiple ECVNs or MVRNs quickly and easily by using a csv file would improve efficiency for any ECVNAs/MVRNAs who currently submit notifications through the EWS. This would help facilitate more effective competition in the market, as this would allow Party Agents to submit ECVNs and MVRNs more easily without having to develop their own systems, thus reducing their operational costs. It would also help reduce the risk of errors occurring as the data would not need to be manually entered into the EWS.

**To which section of the Code does the CP relate, and does the CP facilitate the current provisions of the Code?** *(mandatory by originator)*

This change would relate to Section P 'Energy Contract Volumes and Metered Volume Reallocations'.

This change would facilitate efficiency, as it would make it easier for Party Agents to submit multiple ECVNs and MVRNs by allowing them to upload data to the EWS using a spreadsheet.

**Estimated Implementation Costs** *(mandatory by BSCCo)*

The total central implementation costs for this CP would be approximately £60k. This comprises:

- Approx. £51.5k in BSC Agent costs; and
- Approx. £8.5k (36 man days) in ELEXON effort.

The lead time required for the system changes for this CP would be 18 weeks.

**Configurable Items Affected by Proposed Solution(s)** *(mandatory by originator)*

ECVAA User Requirements Specification (URS)

**Impact on Core Industry Documents or System Operator-Transmission Owner Code** (mandatory by originator)

None

**Related Changes and/or Projects** (mandatory by BSCCo)

None

**Requested Implementation Date** (mandatory by originator)

28 February 2013 as part of the February 2013 BSC Systems Release.

**Reason:**

November 2012 is the next available BSC Systems Release. However, a necessary technology upgrade to BSC Central Systems is due to take place following the June 2012 BSC Systems Release, which won't be completed until late September 2012 (more information is available in [Panel 196/04](#)). Changes to BSC Central Systems cannot be progressed while this upgrade is taking place.

As this CP would require a lead time of 18 weeks, it will not be possible to implement the required changes in time for the November 2012 BSC Systems Release. Instead, the February 2013 BSC Systems Release is the earliest Release that this CP could be included in.

**Version History** (mandatory by BSCCo)

F&S Energy Ltd. raised Version 1.0 of this CP on 27 April 2012.

**Originator's Details:**

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**Attachments:** Yes

ECVAA URS redlining (3 pages)