

CP1475 'Remove obligation to re-date final NHH Meter readings on CoMC'



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About This Document

The purpose of this CP1475 Change Proposal (CP) Consultation is to invite BSC Parties, Party Agents and other interested parties to provide their views on the impacts and the merits of CP1475. The Supplier Volume Allocation Group (SVG) will then consider the consultation responses before making a decision on whether or not to approve CP1475.

There are four parts to this document:

- This is the main document. It provides details of the solution, impacts, costs, and proposed implementation approach. It also summarises the SVG's initial views on the proposed changes.
- Attachment A contains the CP1475 proposal form.
- Attachment B contains the proposed redlined changes to deliver the CP1475 solution.
- Attachment C contains the specific questions on which we seek your views. Please use this form to provide your response to these questions, and to record any further views or comments you wish to be considered.

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1 Why Change?

Background

On a Change of Measurement Class (CoMC) from Non Half Hourly (NHH) to Half Hourly (HH), the newly appointed HH Meter Operator Agent (HHMOA) notes the final NHH meter register reading(s) at the point it remotely reconfigures (or replaces) the Meter. The HHMOA sends the final meter register reading(s) to the NHH Meter Operator Agent (NHHMOA). The NHHMOA re-dates the meter register reading(s) to midnight (start of day) on the Effective to Settlement Day of the NHHMOA appointment. The NHHMOA passes the re-dated meter register reading(s) to the NHH Data Collector (NHHDC) for validation and processing to Settlement, via a [D0010 'Meter Readings'](#) data flow.

This process of re-dating the final NHH reading(s) was introduced to work around a constraint in some NHHDC or NHHMOA systems, whereby the agent was unable to process final readings dated after the effective date of its de-appointment.

What is the issue?

As the reading taken on the effective date of the CoMC is re-dated to the previous day, the associated Annualised Advance (AA) is effective until two days before the effective date of the CoMC. This means that the final Settlement Day on which the Metering System is NHH is settled on an Estimated Annual Consumption (EAC) value. As the final AA already takes into account any residual energy consumed while the Metering System is NHH, the Supplier is overcharged for the final day. Whilst this is not an issue when NHH to HH CoMC occurs in low numbers, it becomes more significant over larger numbers of transfers.

Furthermore, using an EAC for the final day on which the Metering System is NHH has a small impact on Supplier performance against Performance Assurance Reporting and Monitoring System (PARMS) Serial SP08a 'Percentage of Non-Half Hourly (NHH) Energy Settled on Annual Advances'. This is in spite of the availability of a Meter Advance for the day in question.

The workaround can also cause additional data quality issues if the effective date of the Meter Technical Details needs to be re-dated in order to align with the final meter register reading(s).

Proposed solution

The proposed solution is to stop the NHHMOA re-dating the D0010 data flow and process the D0010 data flow with the date of the CoMC meter configuration.

To implement these changes, revisions are required to [BSC Procedure \(BSCP\) 514 'SVA Meter Operations for Metering Systems Registered in SMRS'](#). The solution will be to remove sections 7.1.19 and 7.2.18 from the CoMC processes.

Related Changes

There are no other changes which relate directly to this CP. However, there are a number of other industry changes that also seek to facilitate elective HH Settlement. The table below summarises the current stage of the existing BSC and Master Registration Agreement (MRA) changes which aim to facilitate elective HH Settlement. These changes were raised following recommendations from Ofgem and the Settlement Reform Advisory Group (SRAG).

Related changes		
Change	Change title	Summary
CP1469	Changes to support the implementation of the SRAG's recommendations.	The SVG approved CP1469 on 4 October 2016 (SVG188) for implementation on 29 June 2017.
DTC CP 3496	Changes to support the implementation of the SRAG recommendations.	Data Transfer Catalogue (DTC) CP 3496 is a related DTC change to facilitate CP1469. The MRA Development Board (MDB) approved DTC CP 3496 on 22 September 2016 for implementation on 29 June 2017.
CP1466	Removing SMETS compliant Meters from the scope of BSCP601.	The SVG approved CP1466 on 1 November 2016 (SVG189). The Imbalance Settlement Group (ISG) will make a decision on 22 November 2016 (ISG187).
CP1474	Updating the CoMC processes to facilitate the elective HH Settlement of SMETS Meters.	CP1474 was presented to the ISG, PAB and SVG for information on 25 October 2016 (ISG186), 27 October 2016 (PAB189) and 1 November 2016 (SVG189) respectively. CP1474 will be issued for Consultation on 7 November 2016 with responses due by 2 December 2016.

Proposer's rationale

Removing the step of re-dating final meter register reads avoids Suppliers being double-charged on a CoMC for energy consumed on the last Settlement Day that a Metering System is NHH. It removes a workaround that was introduced when a majority of CoMC events were physical Meter exchanges and meter readings / D0010 Data Flows were not sent regularly between respective HH and NHH participants.

This change will improve Supplier Settlement accuracy by removing double charging. It will also remove a potential barrier to elective HH Settlement.

CP Consultation Question

Do you agree with the CP1475 proposed solution?

Please provide your rationale.

We invite you to give your views using the response form in Attachment C

Proposed redlining

Attachment B contains the proposed changes to BSCP514 to deliver CP1475.

Housekeeping change

We have also included a Housekeeping Change to BSCP514. Currently section 6.2.1.9 incorrectly states that it follows 'Within 5 WD of 6.2.1.7'. The Housekeeping Change will amend section 6.2.1.9 to state that it follows 'Within 5 WD of 6.2.1.8'. This ensures the sections follows the incremental order, and is consistent with footnote 50, which states 'The current NHHMOA will send the Meter Technical Details on receipt of a D0170'.

This error in referencing arose when the redlining for [CP1309 'Include reference to D0303 in BSCP514 and circumstances in which its use is mandatory'](#) was incorrectly implemented during the June 2010 BSC Systems Release. A typographical error occurred which resulted in the referencing error in section 6.2.1.9.

CP Consultation Question

Do you agree that the draft redlining delivers the CP1475 proposed solution?

If 'No', please provide your rationale.

We invite you to give your views using the response form in Attachment C

3 Impacts and Costs

Central impacts and costs

CP1475 will require a change to BSCP514. No central system changes are required and there will be no impact on BSC Agents.

The central implementation costs for CP1475 will be approximately £240 (one ELEXON working day) to implement the document changes.

Central Impacts	
Document Impacts	System Impacts
<ul style="list-style-type: none">BSCP514	<i>None</i>

BSC Party & Party Agent impacts and costs

We believe this change will impact NHHMOAs and NHHDCs.

BSC Party & Party Agent Impacts	
BSC Party/Party Agent	Impact
NHHMOA	The NHHMOA will need to pass final NHH readings (as received from the HHMOA on CoMC) to the NHHDC without re-dating them to the de-appointment date. The NHHMOA will need to remove any system constraints that prevents readings being processed for the day after its de-appointment date.
NHHDC	The NHHDC will need to remove any system constraints that prevents readings being processed for the day after its de-appointment date.

CP Consultation Questions

Will CP1475 impact your organisation?

If 'Yes', please provide a description of the impact(s) on your organisation and any activities which you will need to undertake between the approval of CP1475 and the CP1475 Implementation Date (including any necessary changes to your systems, documents and processes). Where applicable, please state which of the roles that you operate as will be impacted and any differences in the impacts between each role.

Will your organisation incur any costs in implementing CP1475?

If 'Yes', please provide details of these costs, how they arise and whether they are one-off or on-going costs.

We invite you to give your views using the response form in Attachment C

4 Implementation Approach

Recommended Implementation Date

CP1475 is proposed for implementation on 29 June 2017 as part of the June 2017 BSC Systems Release.

The proposed Implementation Date aligns with other changes seeking to facilitate elective HH Settlement and improve the CoMC process. This will avoid any participant costs caused by changing the same functional areas in different releases.

The proposed Implementation Date also meets Ofgem's target date for removing barriers to elective HH Settlement by early 2017, as set out in the Ofgem '[Elective half-hourly Settlement: conclusions paper](#)'.

CP Consultation Question

Do you agree with the proposed implementation approach for CP1475?

Please provide your rationale.

We invite you to give your views using the response form in Attachment C

SVG's initial views

The SVG considered CP1475 at its meeting on 1 November 2016 ([SVG189/06](#)).

The SVG agreed that the step of re-dating final NHH Meter readings on a CoMC is incorrect. An SVG Member noted that the step was historically in place because agent systems were unable to process readings dated after the effective date of their de-appointment.

Appendix 1: Glossary & References

Acronyms

Acronyms used in this document are listed in the table below.

Acronyms	
Acronym	Definition
AA	Annualised Advance
BSC	Balancing and Settlement Code (<i>Industry Code</i>)
BSCP	BSC Procedure (<i>Code Subsidiary Document</i>)
CoMC	Change of Measurement Class
CP	Change Proposal
CPC	Change Proposal Circular
DTC	Data Transfer Catalogue (<i>Industry Code Subsidiary Document</i>)
EAC	Estimated Annual Consumption
HH	Half Hourly
HHMOA	Half Hourly Meter Operator Agent (<i>Supplier Agent role</i>)
ISG	Imbalance Settlement Group (<i>Industry Panel sub-committee</i>)
MDB	Master Registration Agreement Development Board (<i>Industry Panel</i>)
MRA	Master Registration Agreement (<i>Industry Code</i>)
NHH	Non Half Hourly
NHHDC	Non Half Hourly Data Collector (<i>Supplier Agent role</i>)
NHHMOA	Non Half Hourly Meter Operator Agent (<i>Supplier Agent role</i>)
PARMS	Performance Assurance Reporting and Monitoring System
SMETS	Smart Metering Equipment Technical Specifications (<i>Industry document</i>)
SRAG	Settlement Reform Advisory Group (<i>Industry expert group</i>)
SVG	Supplier Volume Allocation Group (<i>Industry Panel sub-committee</i>)
WD	Working Day

DTC data flows

Data Transfer Catalogue (DTC) data flows referenced in this document are listed in the table below.

DTC data flows	
Number	Name
D0010	Meter Readings
D0170	Request for Metering System Related Details
D0303	Notification of Meter Operator, Supplier and Metering Assets installed / removed by the MOP to the MAP

External links

A summary of all hyperlinks used in this document are listed in the table below.

All external documents and URL links listed are correct as of the date of this document.

External Links		
Page(s)	Description	URL
2	D0010 page on the MRA website	https://dtc.mrasco.com/DataFlow.aspx?FlowCounter=0010&FlowVers=2&searchMockFlows=False
3	BSCP page on the ELEXON website	https://www.elexon.co.uk/bsc-related-documents/related-documents/bscps/
3	CP1469 page on the ELEXON website	https://www.elexon.co.uk/change-proposal/cp1469/
3	SVG188 page on the ELEXON website	https://www.elexon.co.uk/meeting/svg-188/?from_url=https://www.elexon.co.uk/events-calendar-item/svg-188/
3	DTC CP 3496 page on the MRA website	https://mra.mrasco.com/change/changes-to-support-the-implementation-of-the-srag-recommendations/
3	CP1466 page on the ELEXON website	https://www.elexon.co.uk/change-proposal/cp1466/
3, 7	SVG189 page on the ELEXON website	https://www.elexon.co.uk/meeting/svg-189/?from_url=https://www.elexon.co.uk/events-calendar-item/svg-189/
3	ISG187 page on the ELEXON website	https://www.elexon.co.uk/meeting/isg-187/
3	CP1474 page on the ELEXON website	https://www.elexon.co.uk/change-proposal/cp1474/
3	ISG186 page on the ELEXON website	https://www.elexon.co.uk/meeting/isg-186/?from_url=https://www.elexon.co.uk/events-calendar-item/isg-186/
3	PAB189 page on the ELEXON website	https://www.elexon.co.uk/meeting/pab189/
4	CP1309 page on the ELEXON website	https://www.elexon.co.uk/change-proposal/cp1309-include-reference-to-d0303-in-bscp514-and-circumstances-in-which-its-use-is-mandatory/
6	Elective HH Settlement conclusion paper on the Ofgem website	https://www.ofgem.gov.uk/publications-and-updates/elective-half-hourly-settlement-conclusions-paper