



**Redlined BSCP201 text for CP1425 ‘Consequential changes to BSCP201 following EMR’**

This CP proposes changes to Sections 2.1, 3.2, and 3.3 of BSCP201. We have redlined these changes against Version 2.0.

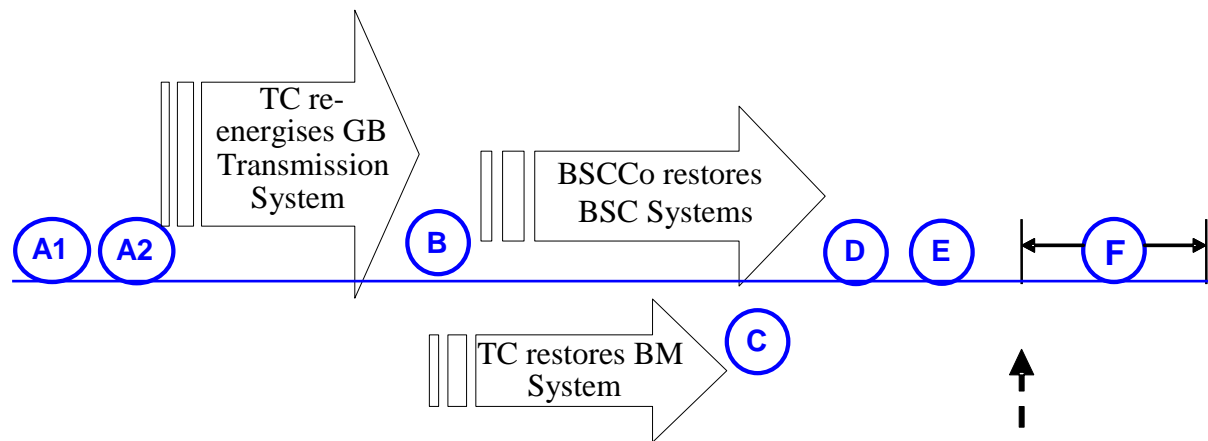
**There is no impact on any other part of this document for this CP.**

*Amend Section 2.1 as follows:*

## **2.1 Total Shutdown Recovery Process**

### **Total Shutdown Recovery Diagram Notes**

This note should be used alongside the Total Shutdown Recovery Diagram. A simplified Total Shutdown Recovery Diagram has been included below:



### ***Simplified Total Shutdown diagram Points A – F***

#### **POINT A1 – Existence of a Black Start situation**

- The Transmission Company will contact relevant Grid Code Users to invoke Local Joint Restoration Plans and begin the restoration of the Total System.
- The Transmission Company will work towards restoring the Total System (period from 'Point A1' to 'Point B').

- The Transmission Company will inform BSCCo that a Total Shutdown exists and that it intends to implement a Black Start (the Transmission Company will subsequently inform BSCCo, in its reasonable opinion, of the time and date of the shutdown, known as 'Point A2').
- After receipt of the Transmission Company's notification, BSCCo will communicate the existence of a Black Start Period and Market Suspension Period to all BSC Parties, ~~and BSC Agents,~~ and any CM Settlement Services Provider as soon as normal communication channels<sup>1</sup> become available.
- Where data is not available, the relevant Settlement Runs will be delayed in accordance with Sections T1.4.2 and T1.4.5 of the BSC. The FAA shall then take appropriate action with regard to the Payment Date in accordance with Section N6.6 of the BSC.

#### **POINT A2 – Transmission Company declaration of time and date**

- Based on its investigations, the Transmission Company will determine in its reasonable opinion the start time and date of the Total Shutdown and will notify BSCCo.
- After receipt of the Transmission Company's notification, BSCCo will establish the corresponding Settlement Period/Day and will communicate this as the start of the Black Start Period and Market Suspension Period to all BSC Parties, ~~and BSC Agents,~~ and any CM Settlement Services Provider.

#### **POINT B – Energisation of the Transmission System**

- When the Transmission System is energised, the Transmission Company will inform BSCCo.
- BSCCo will pass this information on to BSC Parties, via normal communication channels, with the caveat that the market is still suspended and individuals may not have power, hampering their ability to receive those communications.

#### **POINT C (B to C) – Restoration of the Transmission Company's BM system**

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<sup>1</sup> This is likely to be by email, Circular or the posting of information on the BMRS website. Normal communication between BSCCo and the industry might be difficult at the start of the shutdown as the Total System will begin to be re-energised and any available communication channels could suffer from congestion/unavailability. Therefore BSCCo may only be able to communicate the commencement of the Black Start Period and the Market Suspension Period once the Total System is totally / almost totally re-energised.

- The Transmission Company will work to restore its BM systems, which are capable of communications with Grid Code Users. Grid Code Users and BSCCo will be informed when the systems have been restored and are therefore available and capable of operation.
- BSCCo will pass this information onto BSC Parties.

#### **POINT D (B to D) – Restoration of BSC Systems**

- BSCCo will work with BSC Agents to restore the BSC Systems. When the BSC Systems are restored, BSCCo will inform the BSC Panel and BSC Parties that the BSC Systems are available and capable of operating. Refer to Section 2.2 of this BSCP for more detail on the Black Start requirements of the BSC Systems.

#### **POINT E – Restoration of the Total System**

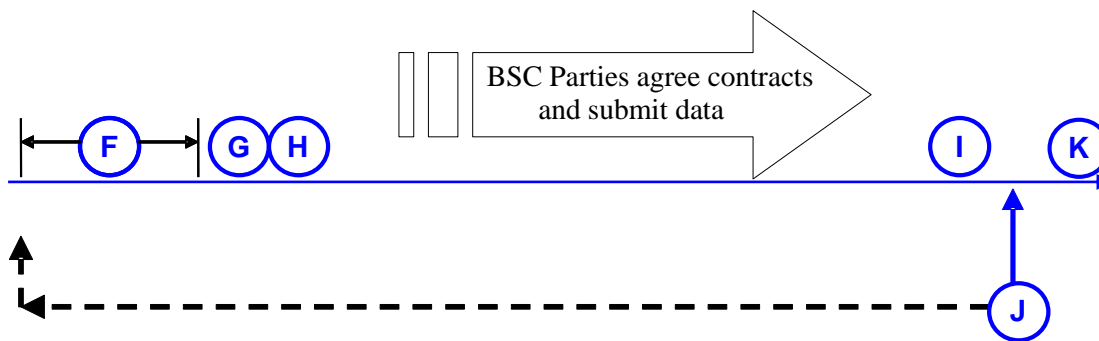
- At this point, the Transmission System has been re-energised in accordance with OC9.4.7.9; generators are able to generate sufficient electricity to meet Demand and are under instructions of the Transmission Company through the Transmission Company's BM system; and the BSC Systems are available and capable of operating.
- The Transmission Company will inform BSCCo and Grid Code Users of the time and date that the Total System could return to normal operation under the Grid Code. BSCCo will convey the information contained in these updates to the BSC Panel and BSC Parties via normal communication channels.
- The Transmission Company will inform BSCCo of any circumstances which are likely to affect the calculation of a single imbalance price (see Section 3.4 of this BSCP for further details).

#### **POINT F –Panel determination of the return to normal BSC market operations**

- At the start of 'Point F', the BSC Panel will determine a proposed Settlement Period/Day from which normal BSC market operations shall resume. This is 'Point K' on the diagram.
- The BSC Panel will consult with the Transmission Company (and may consult with BSC Parties, Party Agents, Market Index Data Providers, MRASCo and the Authority) on the proposed timetable for the resumption of normal BSC market operations.

- Following feedback received during the consultation, the BSC Panel will determine the point at which normal BSC market operations should resume ('Point K').
- BSCCo will promptly inform all BSC Parties and any CM Settlement Services Provider of the Settlement Period/Day from which normal BSC market operations shall resume ('Point K'). The Transmission Company will notify Grid Code Users of this 'Point K'.
- The Panel will determine / confirm the methodology to be used in the calculation of the single imbalance price (see Section 3.4 of this BSCP for further details).

*Simplified Total Shutdown diagram Points F – K*



**POINT G: ECVAA returns to normal operations**

- The ECVAA will return to normal operations. Therefore Volume Notifications submitted by BSC Parties will be processed and reports will be issued to BSC Parties. These will include the forward contract report (ECVAA-I022) which is issued daily to each Contract Trading Party summarising notifications received relating to that Contract Trading Party for the next seven days. This will therefore show BSC Parties their contract position at 'Point G' + 7 days, with the caveat that their contract position is 'zero' up until 'Point K'. A warning will be placed on the BMRS to remind BSC Parties that all contract positions are zero until normal BSC market operations resume (at 'Point K').

### **POINTS H – J: Submission of Party Data to the Transmission Company and BSC Systems (Bids and Offers, Volume Notifications and Physical Notifications)**

- BSC Parties are to agree their despatch with the Transmission Company through this period.
- It is expected that BSC Parties will begin negotiating bilateral contracts.
- Between ‘Point H’ and ‘Point J’ (‘Point K’ minus 1 hour) BSC Parties can submit Volume Notifications and Bid-Offer Data in relation to the first and subsequent Settlement Periods after ‘Point K’.
- Between ‘Point H’ and ‘Point I’ (‘Point K’ minus 10 hours) BSC Parties should use reasonable endeavours to submit Physical Notifications to reflect their required physical position at ‘Point K’.

### **POINT I: 10 hours to Point K**

- This point is 10 hours before normal BSC market operations are planned to resume. BSC Parties should use reasonable endeavours to submit all Physical Notifications possible for ‘Point K’ by now. The Transmission Company will then despatch plant to enable BSC Parties to meet their required physical position at ‘Point K’. If a BSC Party submits a revised Physical Notification after ‘Point I’, it may not be possible for the Transmission Company to despatch the plant in order for the BSC Party to meet this revised position.
- For Settlement Periods which are to follow the start of normal BSC market operations, BSC Parties should submit BM Unit data in accordance with BC1 of the Grid Code.

### **POINT J: Gate Closure for Point K and Final Decision**

- At any time up to one hour before the start of the Settlement Period from which normal BSC market operations are planned to resume, the Transmission Company shall notify any reason why the Total System could not return to normal operation by that time. If needed, the Panel will make a revised determination as to the Settlement Period/Day from which normal BSC market operations shall resume (a new ‘Point K’). BSCCo shall promptly notify all BSC Parties and any CM Settlement Services Provider of any revised Panel determination regarding ‘Point K’, and the Transmission Company shall subsequently notify Grid Code Users.
- If the Panel determines that ‘Point K’ should occur at a later time than originally planned, the Total Shutdown process moves back to ‘Point F’. The Transmission Company will continue to despatch generators up to the revised ‘Point K’.

### **POINT K: End of the Black Start Period and Market Suspension Period**

- ‘Point K’ is the Settlement Period/Day from which normal BSC market operations resume.
- The end of the Settlement Period immediately before this represents the end of both the Black Start Period and the Market Suspension Period.
- At this point, Black Start provisions no longer apply. The Total System, Balancing Mechanism and all BSC Systems are operating normally.
- No specific rules are required for any subsequent Settlement Periods after ‘Point K’, e.g. Parties can submit revised Physical Notifications up to Gate Closure.

Amend Section 3.2 as follows:

### 3.2 Black Start Notification Process – Initial Shutdown to Either Market Suspension or System Capability Restored

This procedure details the BSC process for communicating the existence of a Black Start event and the start of a Black Start Period. It covers the notification process up to the start of a Market Suspension Period or the restoration of the Total System, whichever occurs first.

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.1	As soon as possible after 3.1.1 (for both Total and Partial Shutdowns)	Notify existence of a Total Shutdown or a Partial Shutdown and the intention to implement a Black Start	Transmission Company	Relevant Grid Code Users BSCCo	Existence of Total or Partial Shutdown Grid Code OC9 provisions	(dependent upon which methods are available at the time)
3.2.2	As soon as possible after 3.1.1 (for Partial Shutdowns only)	Begin monitoring the Market Suspension Threshold	Transmission Company		Existence of Partial Shutdown Information specified in BSC Section G3	Internal process
3.2.3	As soon as practicable after 3.2.1 (for both Total and Partial Shutdowns)	Notify existence of a Total Shutdown or a Partial Shutdown and that the Transmission Company intends to implement a Black Start	BSCCo	BSC Parties BSC Agents The Panel <a href="#">CM Settlement Services Provider</a>	Transmission Company's notification under 3.2.1	(dependent upon which methods are available at the time)
3.2.4	As soon as practicable after 3.2.1 (for both Total and Partial Shutdowns)	Determine and notify the time and date from which the Total Shutdown or Partial Shutdown began	Transmission Company	BSCCo	Time and date of the Total Shutdown or Partial Shutdown	(dependent upon which methods are available at the time)



REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.5	As soon as and so far as is practicable after 3.2.4 (for both Total and Partial Shutdowns)	Determine the corresponding Settlement Period and Settlement Day and notify that the start of this Settlement Period represents the start of a Black Start Period	BSCCo	BSC Parties BSC Agents The Panel <a href="#">CM Settlement Services Provider</a>	Transmission Company's notification under 3.2.4	(dependent upon which methods are available at the time)
3.2.6	In parallel with 3.2.5 (for Total Shutdowns only)	Notify that the start of the Black Start Period is also the start of a Market Suspension Period Go to 3.3.1	BSCCo	BSC Parties BSC Agents The Panel <a href="#">CM Settlement Services Provider</a>	Existence of Total Shutdown Transmission Company's notification under 3.2.4	(dependent upon which methods are available at the time)
3.2.7	At any time after 3.2.2 if Market Suspension Threshold met (for Partial Shutdowns only)	Notify (as soon as is practicable) the time and date on which the Market Suspension Threshold was met	Transmission Company	BSCCo	Information specified in BSC Section G3	(dependent upon which methods are available at the time)

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.2.8	As soon as and so far as is practicable after 3.2.7 (for Partial Shutdowns only)	Determine the corresponding Settlement Period and Settlement Day and notify that the start of this Settlement Period represents the start of a Market Suspension Period  Go to 3.3.1	BSCCo	BSC Parties BSC Agents The Panel  <a href="#">CM Settlement Services Provider</a>	Transmission Company's notification under 3.2.7	(dependent upon which methods are available at the time)
3.2.9	As soon as possible after 3.1.9 if Market Suspension Threshold not met (for Partial Shutdowns only)	Notify the time and date from which the Total System returned to normal operation	Transmission Company	BSCCo	Time and date that the Total System returned to normal operation	Electronic or other method as agreed
3.2.10	Promptly after 3.2.9, if Market Suspension Threshold not met (for Partial Shutdowns only)	Determine the corresponding Settlement Period and Settlement Day and notify that the end of this Settlement Period represents the end of the Black Start Period	BSCCo	BSC Parties BSC Agents The Panel  <a href="#">CM Settlement Services Provider</a>	Transmission Company's notification under 3.2.9	Circular via e-mail, BSC Website, BMRA website and other methods as agreed

*Amend Section 3.3 as follows:*

### **3.3 Market Recovery Process – Market Suspension to Normal Market Operations**

The following is the procedure for:

- Suspending, and preparing to resume, normal BSC market operations during any Market Suspension Period; and
- Determining and communicating the end of the Market Suspension Period and Black Start Period after which normal BSC market operations will resume.

<b>REF</b>	<b>WHEN</b>	<b>ACTION</b>	<b>FROM</b>	<b>TO</b>	<b>INFORMATION REQUIRED</b>	<b>METHOD</b>
3.3.1	As soon as possible/ practicable after 3.2.6 (for Total Shutdowns) or 3.2.8 (for Partial Shutdowns), and on-going until 3.3.18	Communicate in detail with relevant BSC Agents to confirm what actions are required and when for all affected BSC Systems	BSCCo	SAA BMRA ECVAA FAA	Existence of Market Suspension Period Status of BSC Systems Provisions of BSC Section G3.2	(dependent upon which methods are available at the time)
3.3.2	As soon as possible/ practicable after 3.3.1	Delay Settlement Runs for Settlement Periods/Days where data is not available or is no longer applicable	SAA		Settlement Calendar Status of BSC Systems Settlement Periods/Days falling within the Market Suspension Period Availability of Settlement data for Settlement Periods / Days preceding the Market Suspension Period	Internal process

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.3	As soon as possible/ practicable after 3.3.2	Revise and/or delay the Payment Date for any affected Settlement Days, if required, in accordance with BSC Section N6.6	FAA		Payment Calendar Status of BSC Systems Settlement Periods/Days falling within the Market Suspension Period Availability of Settlement Run data for Settlement Periods/Days preceding the Market Suspension Period	Internal process
3.3.4	As soon as possible/ practicable after 3.3.1	Suspend the imbalance price calculation on the BMRS	BMRA		Settlement Periods/Days falling within the Market Suspension Period	Internal process
3.3.5	As soon as possible/ practicable after 3.3.1	Set the Credit Assessment Energy Indebtedness (CEI) and Metered Energy Indebtedness (MEI) to zero for all Settlement Periods within the Market Suspension Period  Set the Actual Energy Indebtedness (AEI) to zero for all Settlement Days that fall wholly or partially within the Market Suspension Period	ECVAA		Settlement Periods/Days falling within the Market Suspension Period	Internal process

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.6	After 3.1.7	Having regard to the matters set out in BSC Section G3.1.3, determine the Settlement Day and Settlement Period from which normal BSC market operations should resume	The Panel		Time and date (as determined and notified by the Transmission Company under 3.1.7) that the Total System could return to normal operation  Proposed Settlement Day and Settlement Period of return to normal BSC market operations  Provisions of BSC Section G3.1.3	Panel Meeting
3.3.7	After 3.3.6	Consult the Transmission Company, and (if the Panel deems appropriate/necessary) the industry, on the suitability of the Settlement Day and Settlement Period from which normal BSC market operations are proposed to resume	The Panel (via BSCCo)	Transmission Company  BSC Parties  Party Agents  MRASCo  MIDP(s)  The Authority	Proposed Settlement Day and Settlement Period of return to normal BSC market operations	Electronic or other method as agreed          Circular via e-mail and BSC Website plus other methods as agreed

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.8	After 3.3.7	<p>Make final determination on the Settlement Day and Settlement Period from which normal BSC market operations should resume (repeating steps 3.3.6 and 3.3.7 if necessary)</p> <p>Agree any instructions on the requirements and timing of relevant BSC System reports, including the 7-day forward contract report</p>	The Panel	BSCCo	<p>Proposed Settlement Day and Settlement Period of return to normal BSC market operations</p> <p>Views of Transmission Company received under 3.3.7</p> <p>Any industry responses received under 3.3.7</p>	Panel Meeting
3.3.9	Promptly after 3.3.8	Communicate the Settlement Day and Settlement Period from which normal BSC market operations shall resume, and that the end of the Settlement Period immediately before this shall represent the end of both the Market Suspension Period and the Black Start Period	BSCCo	<p>BSC Parties</p> <p>BSC Agents</p> <p>Party Agents</p> <p><a href="#">CM Settlement Services Provider</a></p> <p>Transmission Company</p> <p>MRASCo</p> <p>MIDP(s)</p> <p>The Authority</p>	Settlement Day and Settlement Period of return to normal BSC market operations	Circular via e-mail, BSC Website, BMRS website and other methods as agreed
3.3.10	After 3.3.9	Notify the Settlement Day and Settlement Period from which the Panel has determined that normal BSC market operations shall resume	Transmission Company	Grid Code Users	BSCCo's notification under 3.3.9	Electronic, or other method as agreed
3.3.11	After 3.3.9	If required, communicate any instructions on the requirements and timing of relevant BSC System reports, including the 7-day forward contract report	BSCCo	Relevant BSC Agents	Any instructions provided by the Panel under 3.3.8	Electronic, or other method as agreed

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.12	After 3.3.11	Forward contract report is sent, and if specified, sent in accordance with instructions as per 3.3.11	ECVAA	BSC Parties	ECVAA-I022 'Issue Forward Contract Report'	Electronic, or other method as agreed
3.3.13	After 3.3.11	Update BMRS with a caveat that all contracts are 'zero' until the start of the Settlement Period from which normal BSC market operations shall resume	BMRA		Settlement Periods that fall within the Market Suspension Period	BMRS website
3.3.14	After 3.3.9 and by 10 hours before the start of the Settlement Period from which normal BSC market operations are to resume	Use reasonable endeavours to submit Physical Notifications and Bid-Offer Data to apply from the Settlement Period at which normal BSC market operations resume	BSC Parties	Transmission Company	Provisions of Grid Code OC9 Contractual information	Electronic, or other method as agreed
3.3.15	After 3.3.9 and by 1 hour before the start of the Settlement Period from which normal BSC market operations are to resume	Submit Volume Notifications to apply from the Settlement Period at which normal BSC market operations resume	BSC Parties	ECVAA	ECVAA-I004 'Receive ECVN' ECVAA-I005 'Receive MVRN'	Electronic, or other method as agreed
3.3.16	After 3.3.14, 10 hours before the start of the Settlement Period from which normal BSC market operations are to resume	Co-ordinate plant despatch, allowing BSC Parties to meet their position at return to normal BSC market operations	Transmission Company	Relevant Grid Code Users	Despatch instructions	Electronic, or other method as agreed
3.3.17	After 3.3.9 and at any time up to 1 hour before the start of the Settlement Period from which normal BSC market operations are to resume	Notify any reason why the Total System could not return to normal operation by the Settlement Period from which normal BSC market operations are to resume  Repeat steps 3.3.1 to 3.3.17 if and as required	Transmission Company	The Panel (via BSCCo)	Provisions of Grid Code OC9.4.7.9	Electronic, or other method as agreed

REF	WHEN	ACTION	FROM	TO	INFORMATION REQUIRED	METHOD
3.3.18	Following the start of the Settlement Period from which normal BSC market operations are to resume	Confirm resumption of normal BSC market operations and the end of the Market Suspension Period and Black Start Period	BSCCo	BSC Parties BSC Agents Party Agents <a href="#">CM Settlement Services Provider</a> Transmission Company MRASCo MIDP(s) The Authority	Settlement Period from which normal BSC market operations resumed  The end of the Settlement Period immediately before this represents the end of both the Market Suspension Period and the Black Start Period	Circular via e-mail, BSC Website, BMRS website plus other methods as agreed