



## Code of Practice 608

Issue 26

March 2024

# System Control Manual

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## Approved for issue by the Policy Approval Panel

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## Issue and Amendment Summary

Amendment No. Date	Brief Description and Amending Action
0	<p>Issue 1</p> <p>First Issue</p> <p>Prepared by: S. Stelfox</p> <p>Authorised by the Standards Steering Group and signed on its behalf by:</p>
1  April 2005	<p>Issue 1</p> <p>Section 8-DSMC Administrative Procedure 14 revised. Replace procedure and index.</p> <p>Prepared by: J Sullivan</p> <p>Authorised by: The System Operations &amp; Safety Manager</p>
2  Feb. 2006	<p>Issue 1</p> <p>3.9.4. 132/33kV Busbar Protection Schemes - Testing introduced, and minor corrections done. Replace full section.</p> <p>Prepared by: B G Penny.</p> <p>Authorised by: The System Operations and Safety Manager.</p>

Amendment No. Date	Brief Description and Amending Action
<p>3</p> <p>Aug. 2006</p>	<p>Issue 1</p> <p>Change to inside Contents sheet.            Change to Amendment sheet            Change to CP608_S1 Definitions – Distribution Safety Rules 2005.            Change to CP608_S2 General.            Change to CP608_S4 11KV and 6.6KV System Operations.            Change to CP608_S5 Outage Management.            Change to CP608_S6 index            Operational Procedures 2, 3, 4, 8, 9, 10, 13, 17, 13, 23, 27, 28, 33 and 34 withdrawn. Operational Procedures 1, 5, 6, 7, 15, 25, 26, &amp; 29 revised, Operational Procedures 35, 36, 37, 38, 39, 40 and 41 issued.            Operational Limitations N6 withdrawn. Operational Limitations N5, N10, N13 &amp; N18 revised.            Change to CP608_S7 index            Generation Procedures 11, 12, 13 &amp; 14 revised. Generation Procedure 5 issued            Change to CP608_S8 index            Changes to Administration Procedure 5, 11 &amp; 14. Administration Procedures 20, 22 and 23 issued            Admin Procedures 4, 6, 7, 8, 9, 12, 14, 15, 16, 17, and 18 withdrawn            Change to CP608_S11 and Appendix D withdrawn.            Replacement pages provided</p> <p>Prepared by: B G Penny.</p> <p>Authorised by: The System Operations and Safety Manager.</p>
<p>4</p> <p>November 2006</p>	<p>Issue 1</p> <p>Sections 3.9.1 and 11.6 amended to include procedures for:</p> <ul style="list-style-type: none"> <li>• Application of or changes to grid and primary protection settings.</li> <li>• Administration of the official company protection settings database.</li> </ul> <p>Prepared by: P.K.Swindlehurst</p> <p>Authorised by the Standards Steering Group and signed on its behalf by:</p>

Amendment No. Date	Brief Description and Amending Action
<p>0</p> <p>July 2008</p>	<p>Issue 2</p> <p>Main Document changed to Issue 2 with latest template and technical changes to:            CP608 Index changed            CP608 Appendices changed            Section 2 – Clause 2.10.2 guidelines changed to match normal alphabetic order.            CP608 Section 3 changed.            CP 608 Section 4 changed (SEF policy)            CP 608 Section 6 Operational Procedure 6 System Parallels Changed (SEF policy)            CP 608 Section 6 Operational Procedure 6 System Parallels Changed (System Parallels)            CP 608 Section 6 Index revised to show Current Procedure clearly            CP 608 Section 6 Operational Procedures 42, 43 and 44 issued            Operational Procedures 6 (System Parallels), 25 and 40 revised.            Operational Limitations N2 (Withdrawn) and N7 revised.            CP 608 Section 7 index revised            Generation Procedures GP06 and GP07 issued.            CP 608 Section 9 revised and Appendix A issued(System Parallels)            CP 608 Section 11 replaced.</p> <p>Prepared by: B. G. Penny</p> <p>Authorised by the Technical Policy Panel and signed on its behalf by:</p>
<p>1</p>	<p>Issue 2</p> <p>Section 4 changed to reference CP606 Procedure S4.            Procedures OP45, OP46, OP47, OP48 and OP49 added.            Section 6 Procedure List amended.</p> <p>Prepared by: P. S. Ward</p> <p>Authorised by the Technical Policy Panel and signed on its behalf by: P J Whittaker.</p>
<p>2</p> <p>24/05/12</p>	<p>Issue 2</p> <p>Document updated to CP 8.0 template.            Procedure GP7 amended with new contact details.            Section 9 redrafted. Amended 11/6.6kV paralleling matrices added.            Appendix A busbar running diagrams updated.</p> <p>Prepared by: P. S. Ward</p> <p>Authorised by the Technical Policy Panel and signed on its behalf by: P J Whittaker.</p>

Amendment No. Date	Brief Description and Amending Action
3  04/10/12	<p>Issue 2</p> <p>Update to Section 3.14, re-close policy for cable systems.</p> <p>Prepared by: P. S. Ward</p> <p>Authorised by the Technical Policy Panel and signed on its behalf by: P J Whittaker.</p>
4  26/06/13	<p>Issue 2</p> <p>Update to Section 6 Op Procedure 37 Section 6 Op Procedure 38 withdrawn.</p> <p>Prepared by: P. S. Ward</p> <p>Authorised by the Technical Policy Panel and signed on its behalf by: P J Whittaker.</p>
5  24/10/13	<p>Issue 2</p> <p>Update to Section 6 Op Procedure 45 Section 6 Op Procedure 40 withdrawn.</p> <p>Prepared by: P. S. Ward</p> <p>Authorised by the Technical Policy Panel and signed on its behalf by: P J Whittaker.</p>
6  05/12/13	<p>Issue 2</p> <p>Update to Section 6 Op Procedure 36</p> <p>Prepared by: P. S. Ward</p> <p>Authorised by the Technical Policy Panel and signed on its behalf by: P J Whittaker.</p>
7  27/02/14	<p>Issue 2</p> <p>Update to Section 2. Update to Section 6 Op Procedure 50 Added.</p> <p>Prepared by: M A Kayes</p> <p>Authorised by the Technical Policy Panel and signed on its behalf by: P J Whittaker.</p>

Amendment No. Date	Brief Description and Amending Action
<p>8</p> <p>10/04/14</p>	<p>Issue 2</p> <p>The following changes have been made to Section 6 Update to Op Procedure 30. OP41 and OP42 removed as they are no longer required. New OP51 added.</p> <p>Prepared by: M A Kayes</p> <p>Authorised by the Technical Policy Panel and signed on its behalf by: P J Whittaker.</p>
<p>9</p> <p>03/07/14</p>	<p>Issue 2</p> <p>The following changes have been made to Section 6</p> <p>New OP52 added. S6 Index updated.</p> <p>Prepared by: M A Kayes</p> <p>Authorised by the Technical Policy Panel and signed on its behalf by: P J Whittaker.</p>
<p>10</p> <p>23/07/14</p>	<p>Issue 2</p> <p>The following changes have been made to Section 6:-</p> <p>OP52 added updated to clarify settings and controls. OP54 added for West Didsbury 132kV ALRS. S6 Index updated. S7 DG7 Contact details updated. S7 Index updated. S7 New Distributed Generation Table added. Appendices Summary updated.</p> <p>Prepared by: M A Kayes/M. Knowles</p> <p>Authorised by the Technical Policy Panel and signed on its behalf by: P J Whittaker.</p>

Amendment No. Date	Brief Description and Amending Action
11 07/09/16	<p>Issue 3</p> <p>New Template added to the Preliminaries section.</p> <p>The following changes have been made to Section 6:-</p> <p>New Template applied to OP25 and Section 6 Index. Title amended to the OP to reflect the changes. OP25 updated to include the replace the text in 2.7 with the New Whitegate GIS. New section 2.8 added for the New Bredbury GIS.</p> <p>Prepared by: M A Kayes/M Knowles</p> <p>Authorised by the Technical Policy Panel and signed on its behalf by: Steve Cox, Head of Engineering.</p>
0 10/08/2018	<p>Issue 4</p> <p>The following changes have been made to Section 7: New Generation Procedure Template added Amendment to process for management and updating of Generator Procedures</p> <p>Prepared by: L Clark</p> <p>Authorised by the Technical Policy Panel and signed on its behalf by: Steve Cox, Engineering &amp; Technical Director.</p>
08/02/2019	<p>Issue 5</p> <p>The following changes have been made to Section 6:</p> <p>S6 Procedure No 1 has been updated to reflect the Network Management Hub VT Metering Fail Alarm handling processes. S6 Procedure OP39 has been updated for clarity. Section 6 Index has been updated to reflect the changes,</p> <p>Prepared by: M A Kayes</p> <p>Authorised by the Technical Policy Panel and signed on its behalf by: Steve Cox, Engineering &amp; Technical Director.</p>
12/04/2019	<p>Issue 6</p> <p>The following operational procedures have been created. OP63 LANCASTER – GT3 auto CLOSE scheme OP64 Carlisle ALRS</p> <p>Prepared by: M A Kayes</p> <p>Authorised by the Technical Policy Panel and signed on its behalf by: Steve Cox, Engineering &amp; Technical Director.</p>



Amendment No. Date	Brief Description and Amending Action
14/06/2019	<p>Issue 7</p> <p>The following operational procedures have been created.            OP65 Garstang auto close scheme            OP66 Woodhouse Park auto close scheme            OP67 AM Paper Mill auto close scheme</p> <p>Prepared by: M A Kayes</p> <p>Authorised by the Technical Policy Panel and signed on its behalf by: Steve Cox, Engineering &amp; Technical Director.</p>
16/08/2019	<p>Issue 8</p> <p>OP66 Woodhouse Park has been updated.</p> <p>The following operational procedure has been created.            OP68 Wigan BSP LV Supply – Auto Change Over scheme.</p> <p>Prepared by: M A Kayes</p> <p>Authorised by the Technical Policy Panel and signed on its behalf by: Steve Cox, Engineering &amp; Technical Director.</p>
29/11/2019	<p>Issue 9</p> <p>The following operational procedures have been created.            OP69 Ashton (ML) Primary (400401) Auto Close scheme.            OP70 Standish 33KV (200407) Auto Close to Gidlow (200408) scheme.            OP71 Heasandford Primary – Auto Close scheme.</p> <p>Prepared by: M A Kayes</p> <p>Authorised by the Technical Policy Panel and signed on its behalf by: Steve Cox, Engineering &amp; Technical Director.</p>
31/01/2020	<p>Issue 10</p> <p>The following operational procedures have been created.            OP72 Preston East BSP – Auto Trip scheme.</p> <p>Prepared by: M A Kayes</p> <p>Authorised by the Technical Policy Panel and signed on its behalf by: Steve Cox, Engineering &amp; Technical Director.</p>

Amendment No. Date	Brief Description and Amending Action
29/05/2020	<p>Issue 11</p> <p>The following operational procedures have been updated. OP72 Preston East BSP – Auto Trip scheme.</p> <p>Prepared by: M A Kayes</p> <p>Authorised by the Policy Approval Panel and signed on its behalf by: Steve Cox, Engineering &amp; Technical Director.</p>
26/06/2020	<p>Issue 12</p> <p>New section 12 added for Flood Prevention Measures and existing section 12 and 13 re-numbered accordingly to 13 and 14. The following operational procedures have been created. OP73 Blackfriars 100639 – Auto Trip scheme.</p> <p>Prepared by: M A Kayes</p> <p>Authorised by the Policy Approval Panel and signed on its behalf by: Steve Cox, Engineering &amp; Technical Director.</p>
30/10/2020	<p>Issue 13</p> <p>New operational procedure OP74 (Battery Saver Scheme) has been created and section 6 index has been updated.</p> <p>Prepared by: M A Kayes</p> <p>Authorised by the Policy Approval Panel and signed on its behalf by: Steve Cox, Engineering &amp; Technical Director.</p>
24/12/2020	<p>Issue 14</p> <p>Operational procedure OP74 (Battery Saver Scheme) has been updated. A New OP75 has been created for the Aspratria Protection Schemes. OP 55 has been withdrawn as all the protection has been removed from the system following the trial. Section 6 index has been updated.</p> <p>Prepared by: M A Kayes</p> <p>Authorised by the Policy Approval Panel and signed on its behalf by: Steve Cox, Engineering &amp; Technical Director.</p>

Amendment No. Date	Brief Description and Amending Action
06/07/21	<p>Issue 15</p> <p>Operational procedures OP50 (Culcheth A/C Scheme), OP74 (Battery Saver Scheme) and OP76 have had minor amendments as marked. Operational Procedures OP77 (Thorley Ln Pry 100126) and OP78 (Dickinson St Primary 100502 Bus-Section F-G Auto-Close Scheme) have been added. Section 6 index has been updated.</p> <p>Prepared by: M A Kayes</p> <p>Authorised by the Policy Approval Panel and signed on its behalf by: Steve Cox, Engineering &amp; Technical Director.</p>
05/10/21	<p>Issue 16</p> <p>New OP79 added for Avenham to Ribble AC Scheme. Section 6 Index updated to include Issue 2 of OP77 and new OP79.</p> <p>Prepared by: M A Kayes</p> <p>Authorised by the Policy Approval Panel and signed on its behalf by: Steve Cox, Engineering &amp; Technical Director.</p>
01/02/2022	<p>Issue 17</p> <p>New OP80 added for Greenhill AC Scheme. Section 6 Index updated to include the new OP80.</p> <p>Prepared by: M A Kayes</p> <p>Authorised by the Policy Approval Panel and signed on its behalf by: Steve Cox, DSO Director.</p>
05/04/2022	<p>Issue 18</p> <p>CP608 Section 6 Procedure N17 has been withdrawn as it is no longer required. Section 6 index updated to shown N17 as withdrawn.</p> <p>Prepared by: M A Kayes</p> <p>Authorised by the Policy Approval Panel and signed on its behalf by: Steve Cox, DSO Director.</p>
04/10/2022	<p>Issue 19</p> <p>CP608 Section 6 Procedure OP81 has been issued. Section 6 index updated to shown N17 as withdrawn.</p> <p>Prepared by: M A Kayes</p> <p>Authorised by the Policy Approval Panel and signed on its behalf by: Steve Cox, DSO Director.</p>

Amendment No. Date	Brief Description and Amending Action
16/11/2022	<p>Issue 20</p> <p>CP608 Section 6 Procedure OP82 has been issued. Section 6 index updated.</p> <p>Prepared by: M A Kayes</p> <p>Authorised by the Policy Approval Panel and signed on its behalf by: Steve Cox, DSO Director.</p>
06/12/2022	<p>Issue 21</p> <p>CP608 Section 6 Procedure OP83 has been issued. Section 6 index updated.</p> <p>Prepared by: M A Kayes</p> <p>Authorised by the Policy Approval Panel and signed on its behalf by: Steve Cox, DSO Director.</p>
07/02/2022	<p>Issue 22</p> <p>CP608 Section 6 Procedure OP84 has been issued. Section 6 index updated.</p> <p>DSR004 contact details updated.</p> <p>Prepared by: M A Kayes</p> <p>Authorised by the Policy Approval Panel and signed on its behalf by: Steve Cox, DSO Director.</p>
04/04/2022	<p>Issue 23</p> <p>CP608 Section 6 Procedure OP85 has been issued. Section 6 index updated.</p> <p>Appendix D has had a minor wording change.</p> <p>Prepared by: M A Kayes</p> <p>Authorised by the Policy Approval Panel and signed on its behalf by: Steve Cox, DSO Director.</p>
01/09/2023	<p>Issue 24</p> <p>CP608 Section 6 Procedure N18 has been updated with new contact numbers. Section 6 index updated. Two new Ops 86 and 87 have been added.</p> <p>Prepared by: M A Kayes</p> <p>Authorised by the Policy Approval Panel and signed on its behalf by: Paul Turner, PAP Chair..</p>

Amendment No. Date	Brief Description and Amending Action
January 2024	<p data-bbox="469 288 580 320">Issue 25</p> <p data-bbox="469 353 1406 454">CP608 Section 6 Procedure N19 has been created. One new OP - OP88 and one new DSR – DSR006 have been added. All indexes have been updated as a result.</p> <p data-bbox="469 488 1134 589">Prepared by: M A Kayes            Authorised by the Policy Approval Panel and signed on its behalf by: Paul Turner, PAP Chair..</p>
March 2024	<p data-bbox="469 607 580 638">Issue 26</p> <p data-bbox="469 672 1385 741">CP608 Section 6 new OP - OP88 has been added. The index has been updated as a result.</p> <p data-bbox="469 775 1410 875">Prepared by: M A Kayes            Authorised by the Policy Approval Panel and signed on its behalf by: Paul Turner, PAP Chair.</p>