



Appendix D

Non-Compliances Descriptions

Document Control

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References

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1 Appendix D Non-compliance Descriptions

1.1 Category A and B Non-compliance description – Desktop Audits

Non-compliance	Codes				
Category A	Registrant	LDSO	MOA	HHDC	CDCA
Registrant failed to confirm or complete Desktop Audit notification	A.1X				
Data mismatch between Single Line Diagram, or other support documentation	A.2X	A.2R	A.2M	A.2C	A.2Z
Allocation schedule mismatch	A.3X			A.3C	
Measurement transformer ratio mismatch	A.4X	A.4R	A.4M	A.4C	A.4Z
Suspect data on Commissioning evidence provided	A.5X	A.5R	A.5M		
Settlement data mismatch			A.6M	A.6C	A.6Z
Overall Accuracy outside of limits			A.7M		
Complex Site supplementary form mismatch			A.8M	A.8C	
D0268 mismatch (key fields)	A.9X		A.9M	A.9C	
Mini-Mar is outside of tolerance				A.10C	A.10Z
Incorrect aggregation rule	A.11X				A.11Z
Compensation factors incorrect			A.12M		
BSCP20 4.3 mismatch	A.13X		A.13M		A.13Z
Number of circuits mismatch	A.14X	A.14R	A.14M	A.14C	A.14Z
Registrant number of circuits registered mismatch	A.15X				

Non-compliance	Codes				
Category B	Registrant	LDSO	MOA	HHDC	CDCA
D0268 not provided	B.1X		B.1M	B.1C	
BSCP20/4.3 not provided	B.2X		B.2M		B.2Z
Single Line Diagram not provided	B.3X				
Complex Site Supplementary Information form not provided			B.4M	B.4C	
Aggregation Rule not provided	B.5X				B.5Z
Evidence of Metering Dispensation not provided	B.6X				
Allocation Schedule not provided	B.7X			B.7C	

Request for Metering System investigation (D0001) and fault resolution report (D0002) not provided			B.8M	B.8C	
Settlement data (3 days) not provided			B.9M	B.9C	B.9Z
Compensation figures not provided (where applicable)			B.10M		
Commissioning record (part 1) not provided (Post Nov 2018)		B.11R	B.11M		
Commissioning record (part 1) not provided (Pre Nov 2018)			B.12M		
Commissioning record (part 2) not provided			B.13M		
CT/VT Certificates or supporting evidence for overall accuracy calculation not provided			B.14M		
Missing D0215		B.15R			
Overall accuracy calculation not provided			B.16M		
D0268 mismatch (non-key fields)	B.17X		B.17M	B.17C	
D0215 missing key fields		B.18R			

1.2 Category 1 and 2 Non-compliance descriptions – Onsite Inspection Visits

1.2.1 Category 1

1.01 Inaccuracy of Standing Data (Key MTD fields) held by Data Collector

- Outstation serial number
- Meter ID (serial number)
- Outstation number of channels
- Measurement Quantity ID
- Pulse multiplier
- Channel configuration
- Outstation multiplier/Outstation channel multiplier
- Complex Site Supplementary Information Form (SVA only)

1.02 Metering Equipment Incorrect or Unsatisfactory

- Metering Equipment not functioning correctly
- Metering Equipment not programmed correctly
- Overall accuracy of Metering System not maintained
- Summation CTs used
- Correct Energy Measurement Check (Primary/Secondary conductor prevailing load test) indicates an error in the Metered Volume
- Measurement Transformers not located at Defined Metering Point

1.03 Timing Error (Major)

- Outstation clock outside agreed tolerance

1.04 Measurement Transformer Ratios Physically Incorrect

- Measurement transformer ratios different from those set up in Meter (except for any difference being consistent with a measurement error compensation applied within the Metering Equipment)

1.05 Compensation Calculations Incorrect

- Meter compensation for Measurement Transformers Incorrectly applied or not applied
- Meter compensation for Power Transformers incorrectly applied or not applied

1.06 Miscellaneous

- Other Non-compliance not covered elsewhere

1.2.2 Category 2

2.01 Inaccuracy of Standing Data held by HHMOA

- Outstation serial number
- Meter ID (serial number)
- Outstation number of channels
- Measurement Quantity ID
- Meter Register Multiplier
- Pulse multiplier
- Channel configuration
- Outstation multiplier/Outstation channel multiplier
- Measurement Transformer Ratios
- Complex Site Supplementary Information Form (SVA only)

2.02 Inaccuracy of Standing Data (non-Key MTD fields) held by Data Collector

- Data Collector's Meter Technical Details do not match on site equipment due to recent Meter Exchange
- Other non-Key fields (e.g. Measurement Transformer Ratios, Meter Register Multiplier)

2.03 Non-provision of Standing Data

- Meter Technical Details not provided – HHMOA and Data Collector
- Complex Site Supplementary Information Form not provided (SVA only)

2.06 Metering Equipment Incorrect or Unsatisfactory

- Incorrect CoP applied
- Check Meter missing
- Main Meter missing, Check Meter present and accurate
- Voltage selection relay not installed/working when Summation CTs used
- Meter accuracy class incorrect
- CT accuracy class incorrect
- VT accuracy class incorrect

- Unapproved data format and protocol in use
 - Possibility that overall accuracy of Metering System not maintained
- 2.07 Measurement Transformer and/or Meter Certificates¹
- Certificates not provided
 - Certificates do not match on-site equipment
- 2.08 Unsuitable Environment
- Environmental conditions likely to cause Metering Equipment failure
- 2.09 Inadequate Over-current Protection
- Insufficient discrimination between source and local fusing
 - No local isolation
 - Main and check Meters not separately fused
 - Other Metering Equipment not separately fused
 - Non-settlement Meters not separately fused
- 2.10 Separate Phase Failure Alarms Not Installed or Inadequate/Failed – Local and Remote
- Alarm not fitted where required
 - Alarm not functioning
- 2.11 Inadequate Metering Equipment Integrity
- Settlement Metering Equipment not sealed
 - Password functionality not included in Outstation
- 2.12 Metering Equipment Test Facilities
- Lack of adequate Metering Equipment test facilities
- 2.13 Miscellaneous
- Other non-compliance not covered elsewhere
- 2.14 Timing Error (Minor)
- Outstation clock outside agreed tolerance
- 2.15 Commissioning Records
- Commissioning records not provided
 - Commissioning records incorrect
 - Commissioning records incomplete
 - Commissioning records not provided (LDSO)
 - Commissioning records incorrect (LDSO)
 - Commissioning records incomplete (LDSO)
 - Commissioning records not provided (HHMOA)
 - Commissioning records incorrect (HHMOA)

¹ Category 2.07 non-compliance was replaced by Category 2.16 and 2.17 in February 2009.

- Commissioning records incomplete (HHMOA)

2.16 Measurement Transformer Certificates not provided or incorrect

- Measurement Transformer Certificates not provided
- Measurement Transformer Certificates do not match site equipment

2.17 Meter Certificates not provided or incorrect

- Meter Certificates not provided
- Meter Certificates do not match site