ELEXON

Energy calculation mismatch for duplicated local and national Miscellaneous Charge Codes under 10W

Unmetered Supplies User Group (UMSUG)

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Summary | **This paper highlights how an energy calculation mismatch can occur for duplicated local and national Miscellaneous Charge Codes under 10W with different Circuit Watts. Elexon invites the UMSUG to agree the proposed solution and recommend the Operational Information Document (OID) redlined changes to the SVG, for implementation in OID Version 23.0.**

1. Introduction

1.1 Section 2.3.3 of the Operational Information Document (OID) states that an Unmetered Supplies Operator (UMSO) may issue Local Miscellaneous Charge Codes where the equipment is to be used solely within the UMSO's GSP Group. In this scenario, an application to BSCCo is not required. The nominal Watts for local and national Miscellaneous Charge Codes are set to match the Circuit Watts, with the exception that they are rounded to the nearest Watt for Charge Codes under 10W. The OID notes that this allows for any local Charge Code that matches a national Charge Code to have the same energy calculation. For clarity, a 'nationally agreed' Charge Code means a Charge Code for use in multiple GSP Groups.

1.2 Charge Code digits 8, 9 and 10 allow equipment with the same first seven digits but with different Circuit Watts or Manufacturer to be uniquely identified. However, duplicated Charge Codes can occur if digits 8, 9 and 10 are the same for local and national Charge Codes. This can result in an energy mismatch if the same energy calculation is used for Charge Codes that are under 10W with different Circuit Watts (example below).

- National Miscellaneous Charge Code – 882 0004 000 100   Circuit Watts – 4.3
- Local Miscellaneous Charge Code   – 882 0004 000 100   Circuit Watts – 4.0

2. Proposed Solution

2.1 An UMSUG member suggested that digits 8, 9, and 10 should always be 000 for Local Miscellaneous Charge Codes, with any 'nationally agreed' Codes starting at 001 and then incremented as usual (i.e. 001, 002). This change would avoid the wrong energy calculation being used for duplicated national and Local Miscellaneous Charge Codes with different Circuit Watts. In the below example, the UMSO or Meter Administrator (MA) will be able to accurately identify the correct Charge Code and look up the Circuit Watts for the correct energy calculation.

- National Miscellaneous Charge Code – 882 0004 00<u>1</u> 100   Circuit Watts – 4.3
- Local Miscellaneous Charge Code   – 882 0004 00<u>0</u> 100   Circuit Watts – 4.0

3.   OID redlining

3.1   The recommended redlining to OID Section 2.3.3. is as follows;

The structure of the code is:

Digits	Description
1, 2 and 3	Digit 1 is always 8. Digits 2 and 3 represent the type of Equipment, see below table.
4, 5, 6 and 7	Circuit watts of the equipment. (rounded to the nearest Watt)
8, 9 and 10	A numeric Code that allows equipment with the same first seven digits but with different Circuit Watts or Manufacturer to be uniquely identified. This should always be 000 for Local Codes, with any 'nationally agreed' Codes starting at 001 and then incremented (i.e. 001, 002).
11, 12 and 13	Always 100

4.   Recommendations

4.1   We invite you to:

a)   **AGREE** the proposed solution for energy calculation mismatches for duplicated local and national Miscellaneous Charge Codes under 10W with different Circuit Watts; and

b)   **AGREE** to recommend the OID redlining to the SVG for implementation in OID Version 23.0**.**

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