

## Metering Dispensation D/523 – Aikengall II WF - Extension

### Imbalance Settlement Group (ISG)

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Owner/author	<b>Chris Day</b>	Purpose of paper	<b>Decision</b>
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#### Summary

In December 2019, the ISG (224/01) approved two lifetime Metering Dispensations (D/498 and D/499) from Code of Practice (CoP) 1 for the location of the Metering Equipment associated with the Aikengall II and Aikengall Ila Wind Farms (WFs). The Actual Metering Points (AMPs) for both WFs are to be 20m below the Defined Metering Point (DMP) and metered to CoP1 standards. Due to a fault identified with one set of current transformers (CTs) at the new AMP for the Aikengall II WF, the Registrant of the Aikengall II WF Metering System (Aikengall II Community Wind Company Ltd) has connected the main and check Meters to the same set of working CTs so it can continue generating. This is non-compliant with CoP1 under the approved Metering Dispensation (D/498), but does comply with, and exceeds, the minimum requirements of CoP2 (apart from location).

In August 2021 the ISG approved a temporary Metering Dispensation (D/523), from CoP1, to meter to CoP2 standards at the AMP, for a period of six months. This is until the Registrant can replace the faulty CTs and achieve CoP1 compliance, at the new AMP, under D/498.

Due to issues with carrying out the work of replacing the CTs over the winter period, the Registrant has applied for an extension to Metering Dispensation D/523 to continue to meter to CoP2 standards until September 2022.

### 1. BSC requirements

- 1.1 Section L<sup>1</sup> of the Balancing and Settlement Code (BSC) requires all Metering Equipment to either:
  - comply with the requirements set out in the relevant Code of Practice (CoP) at the time the Metering System is first registered for Settlement under the BSC (L3.2.2); or
  - be the subject of, and comply with, a Metering Dispensation (L3.4).
- 1.2 Section L allows the Registrant of a Metering System to apply for a Metering Dispensation if, for financial or practical reasons, Metering Equipment will not or does not comply with some or all the requirements of a CoP.
- 1.3 The process for applying for a Metering Dispensation is set out in [BSCP32](#)<sup>2</sup>.

<sup>1</sup> 'Metering'

<sup>2</sup> 'Metering Dispensations'

## 2. Background to Metering Dispensation D/523

- 2.1 In December 2019, the ISG ([224/01](#)) approved two lifetime Metering Dispensations (D/498 and D/499) from [Code of Practice \(CoP\) 1](#)<sup>3</sup> for the location of the Metering Equipment associated with the Aikengall II and Aikengall IIa Wind Farms (WFs). The Actual Metering Points (AMPs) for both WFs are to be 20m below the Defined Metering Point (DMP) and metered to CoP1 standards.
- 2.2 Due to a fault identified with one set of current transformers (CTs) at the new AMP for the Aikengall II WF, the Registrant of the Aikengall II WF Metering System (Aikengall II Community Wind Company Ltd) has connected the main and check Meters to the same set of working CTs so it can continue generating. This is non-compliant with CoP1 under the approved Metering Dispensation (D/498), but does comply with, and exceeds, the minimum requirements of [CoP2](#)<sup>4</sup> (apart from location).

## 3. Metering Dispensation application D/523

- 3.1 In August 2021 the ISG ([244/08](#)) approved a temporary Metering Dispensation (D/523), from CoP1, to meter to CoP2 standards at the AMP, for a period of six months. This is until the Registrant can replace the faulty CTs and achieve CoP1 compliance, at the new AMP, under D/498.
- 3.2 D/523 is due to expire on the 3 February 2022.

## 4. Extension to Metering Dispensation D/523

- 4.1 The Registrant has stated that the outage required will be significant and that if the work were to be carried out over the winter period, adverse weather conditions could both significantly prolong it and cause additional issues during the disassembly and reassembly process of the 132kV circuit breaker.
- 4.2 As such they have requested an extension to this Metering Dispensation until the end of September 2022 to enable the work to be carried out during Summer 2022.

## 5. MDRG comments

- 5.1 We circulated the Metering Dispensation extension application to the Metering Dispensation Review Group (MDRG) for comments (Attachment A).
- 5.2 One of four MDRG members responded. The MDRG member supports the application to allow for repairs to be completed in a more conducive weather conditions.

## 6. NETSO comments

- 6.1 We circulated the Metering Dispensation application to the National Electricity Transmission System Operator (NETSO) for comments (Attachment A).
- 6.2 The NETSO has no objection to the ISG granting an extension to Metering Dispensation D/523.

## 7. Elexon's view

- 7.1 Elexon supports this temporary Metering Dispensation application as accuracy of the Aikengall II Metering System will be maintained within CoP1 limits at the DMP.
- 7.2 In terms of accuracy classes, the Metering Equipment used is to CoP1 standards:
- one set (not two) of class 0.2s CTs;
  - one voltage transformer (VT) with two class 0.2 secondary windings; and
  - class 0.2s main and check Active Energy Meters.
- 7.3 In terms of redundancy, although there will be no redundancy for the current measurement source, the circuit capacity for the Aikengall II wind farm circuit (90MVA) is below the CoP2 upper threshold of 100MVA. So, compared to other 'CoP2 circuits', its Metering System is no worse off than any other CoP2 compliant (apart from location) Metering Systems - the losses between the AMP and the DMP are also negligible (maximum losses are quoted as 0.0001707% in D/498).

<sup>3</sup> 'Code of Practice for the metering of circuits with a rated capacity exceeding 100MVA for Settlement purposes'

<sup>4</sup> 'Code of Practice for the metering of circuits with a rated capacity not exceeding 100MVA for Settlement purposes'

- 7.4 Elexon agrees with the MDRG that an extension should be granted to allow for repairs to be completed in more conducive weather conditions.

## **8. Recommendation**

- 8.1 We invite the ISG to:

- a) **APPROVE** an extension to Metering Dispensation D/523, for the Aikengall II Wind Farm Metering System, until 30 September 2022.

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## **Attachments**

Attachment A – Metering Dispensation extension application D/523 - Aikengall II WF

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## **For more information, please contact:**

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