
Approval of default Line Loss Factor Class Values

BSC Panel

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Purpose of paper **For Decision**

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Summary **Elexon provides the Panel with an observation been made during the annual audit of Line Loss Factor (LLF) values for Licensed Distribution System Operator (LDSO) Scottish and Southern Electricity Networks (SSEN) for the 2022/2023 BSC Year. SSEN will keep the same Line Loss Factor values from 2016 for the sites stated on Attachment A instead of recalculating them due to an electrical fault been found on the site.**

1. Background

- 1.1 [BSCP128 'Production, Submission, Audit and Approval of Line Loss Factors'](#) details a set of principles by which LDSOs must calculate their LLFs. This requires Elexon to conduct an annual audit on the calculation of the LLFs created using the approved methodology ahead of the implementation of new annual LLF values on 1 April 2022.
- 1.2 Elexon performed the annual review of the LLF methodologies submitted by each LDSO in September 2021 ([SVG247](#)). All methodologies were found to be compliant although some minor amendments were required.

2. LDSO SSEN Audit Result

- 2.1 Elexon has identified that the LLF Values for Line Loss Factor Classes (LLFCs) 642 & 842 have not been calculated due to an electrical fault on the site. As per section 3.3 of BSCP128, default values (using the 2016 data) shall be applied for these two LLFCs until such time LLFs can be calculated. It has been stated by SSEN that it will be two years before a full years' worth of data would be obtained of normal export data and therefore recalculation has been suggested for 2023 summer time.

3. Recommendations

We invite you to:

- a) **NOTE** that the LLF values from 2016 shall be applied for these two LLFCs until such time LLFs can be re-calculated (i.e.2023); and
- b) **APPROVE** SSENs Line Loss Factor Values from 2016 for Monan Wind, Harris (LLFCs 642, 842) for use in Settlement until such time sufficient consumption data has obtained.

Attachments

Attachment A – Line Loss Factor Value for each STOD subject to matter (Seasonal Time of the day)

For more information, please contact:

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