

UMSUG119/02 – UPDATE ON BURN HOURS REVIEW

MEETING NAME UMSUG 119

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Purpose of paper Information

Classification Public

Summary This is an update on the progress of the Burn Hours review that was discussed at the 29 September 2016 UMSUG meeting.

1. Background

- 1.1 In 2010, the Unmetered Supplies User Group (UMSUG) completed its Burn Hours review and published a methodology statement on the [BSC Website](#).
- 1.2 We use the published Switch Regime (SR) Burn Hours in the Non Half Hourly (NHH) Estimate of Annual Consumption (EAC) calculation. They are derived from a calculation of the number of annual hours that Unmetered Supplies (UMS) Apparatus are deemed to have operated. They vary according to distribution region due to variations in sunrise and sunset times across the country.
- 1.3 The published Burn Hours methodology is still appropriate for calculating some SRs. However, issues have been identified with some of the calculations. A review was recently undertaken by the Meter Administrator (MA) Tym Huckin Limited (THL) which highlighted a number of issues. You can find more details in [UMSUG paper 118/02](#).

2. Progression

- 2.1 At its last meeting on 29 September 2016, the UMSUG noted THL's findings and agreed to initiate a review of the published Burn Hours (Action 118/03).
- 2.2 Since then, we have undertaken our own review of the hours and developed a new Excel spreadsheet model. This uses more sophisticated calculation methods than were available in 2010, for example it calculates the hours to the nearest minute. The model takes into account Greenwich Mean Time (GMT) and clock time (CLK) calculations, different Photo Electric Control Unit (PECU) ratings, part-night hours and switching times.
- 2.3 We have compared the new calculations with the previously-calculated hours and seen minor changes in most SRs and a few more significant changes.

3. Next steps

- 3.1 We propose to send the recalculated values to THL and Power Data Associates (PDA) for comparison with their equivalent calculations. Any further discrepancies identified will be addressed.
- 3.2 We will then bring the confirmed Burn Hours and calculations to the next UMSUG meeting in May 2017, after which we will raise the appropriate Market Domain Data (MDD) Change Request to implement the new values in the SR spreadsheet.

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4. Recommendations

4.1 We invite you to:

- a) **NOTE** the update on the Burn Hours review; and
- b) **NOTE** that we will present the updated Burn Hours at the next UMSUG meeting.

For more information, please contact:

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