BOB COULTER – Professional Engineer
ABN 52 495 500 722
13 Hamilton Street
Bentleigh
Victoria 3204
Telephone 0422 451 050
email bobcoulter@bigpond.com

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EnerNOC Pty Ltd
Level 1
250 Queen Street
Melbourne
VIC 3000

DISTRIBUTION LOSS FACTOR CALCULATION FOR AMCOR GAWLER GLASS FACTORY

I refer to your report titled Distribution Loss Factor Calculation for Amcor Gawler Glass Factory, Document Number EMB-DLF-GLR-03, Revision A and dated 2 March 2012.

This report concerns the requirement for EnerNOC to determine a Distribution Loss Factor (DLF) for the Amcor Packaging (Australia) Pty Ltd internal distribution network as a part of the registration of Amcor's Gawler Glass Factory embedded generators as non-scheduled market generators in the National Electricity Market. These embedded generators are connected to the Amcor Packaging (Australia) exempt network within the Gawler plant.

I have reviewed your report and I find that:

i. The methodology used for the Distribution Loss Factor (DLF) calculation is appropriate.

ii. The data obtained concerning the generation operating conditions and the distribution network for use in calculating the DLF is adequate for this purpose.

iii. The calculated DLF figure has been correctly determined.

The underlying methodology used is the same as that used in Energy Response's now EnerNOC) earlier report "Distribution Loss Factor Calculation Methodology" (Rev00C) dated 17 February 2009. This methodology is appropriate for use in determining the DLF for the generation installed in the AMCOR Gawler Glass Factory internal distribution network.

The NSP connection point, internal network, generation connection point arrangement and generation operating regime complies with the models considered.

The data used for calculation is adequate and where specific network component parameters are not available from site, the estimated values used are sound. The production based power consumption profiles have been used.

The calculated DLF given in report EMB-DLF-GLR-03, Revision A, is correctly determined according to the methodology and data and an independent load flow analysis substantiates this figure.

Yours sincerely

Bob Coulter
Professional Engineer, and
Protection Engineering Manager
ENERGEX Ltd, Queensland.