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13/3/2018

Mr. David Ripper  
Senior Metrology Engineer  
Australian Energy Market Operator Ltd  
500 Collins Street  
Melbourne, VIC 3000

Dear David,

**RE: Submission to include the VULKAN V8447 LED 2 x 27W LED street lantern into the National Electricity Market Load Table**

Form and Light Pty Ltd requests that the VULKAN V8447 LED 2 x 27W LED street lantern given approval for inclusion in the National Electricity Market Load Table for Unmetered Loads. The VULKAN V8447 LED 2 x 27W LED street lantern is a high performance luminaire designed to meet the requirements of minor road lighting in Australia and New Zealand. The product complies with SA/SNZ TS 1158.6 where applicable, and has internal identification labels and external marking as required by the standard.

Device Type: VULKAN V8447 LED 2 x 27W

Model number: V8447 2 x 27W AAA XX YY A1 ZZZZ

(where AAA, XX, YY and ZZZZ are placeholders for light colour, protection class, optics and paint colour respectively)

Nominal Device Power Rating: 54W

Load value: 54.5W

Please find attached the following support documentation:

- Supporting letter for the installation from the Sutherland Shire Council
- Product data sheet
- Test report and average power calculation

The luminaires were tested without PE cell.

We trust that this submission meets your requirements for approval. Please contact me should there be any queries or if you require further information.

Best regards

A handwritten signature in black ink, appearing to read 'W. Wendel'.

Dr. Walter Wendel  
Managing Director  
Form and Light Pty Ltd

Mob: 0479 014 031