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

08/05/19

RE: Addition of the Telensa Telecell and Basestation to the NEM Load table

Dear Mr. Ripper,

We kindly request that the Telensa Telecell and Telensa Basestation 4 be evaluated and given approval for the inclusion on the National Electricity Market Load Tables for Unmetered Connection Points for all jurisdictions.

The Telecell is a wireless street light control node and power consumption varies depending on whether the relay is on or off. Therefore, 5 samples were tested with the relay on and 5 with the relay off. The consumption figure is an average of all 10 samples and is applicable to the products variants in the table below. Model numbers in the format xxxxx-B-x have Black caseworks, while xxxxx-G-x have grey caseworks.

The Basestation acts as cellular gateway for the Telecells. In support of the Basestation we also provide a test report. The power consumption figure given for the Basestation in the table below is based on an average of the two samples at 250V.

Product Description	Product Codes	Power Consumption	Test Report
NEMA Telecell	<ul style="list-style-type: none">T2A1N-G-3T2A1N-B-3	0.699 Watts	TRA-040598-43-00A
Conduit Telecell	<ul style="list-style-type: none">T2A1C-G-3T2A1C-B-3		
Two-Part Telecell	<ul style="list-style-type: none">T2A1T-G-1		
Post Top Telecell	<ul style="list-style-type: none">T2A1P-G-3T2A1P-B-3		
Basestation 4	<ul style="list-style-type: none">BS-4	13.35 Watts	TRA-044667-43-01A

Registered Address
Iconix 3
London Road
Pampisford
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Company Registration
No. 4498125
VAT Registration
No. GB 918 4425 15

Our submission is supported by the following documents:

1. TL-008532-CR-1 - Letter of support from Sunshine Coast Council
2. TL-008042-RP-1 – Telecell Test Report - TRA-040598-43-00A
3. TL-008042-RP-2 – Test House Accreditation Letter
4. TL-009802-RP – Basestation Test Report – TRA-044667-43-01A
5. TL-009803-CR-Test House Accreditation Letter 2019

We trust that the information provided meets your requirements, but please don't hesitate to contact me at any time for any further support or clarification.

Thank you for your consideration, and we look forward to your feedback.

Yours sincerely,



Keith Henry
Technical Sales Manager
Telensa Limited