Mr David Ripper
Senior Metrology Engineer
Australian Energy Market Operator LTD
500 Collins Street
Melbourne, Vic 3000
26/6/2023

F.A.O Mr David Ripper
Re. Inclusion of AEC Luminaires Load onto National Electricity Load Table

We would like to request that the following luminaires with credentials as noted below be included on the NEM Load Table:

Model Tested	Device Type Description	Test Report Ref	Nominal Power	System Power	External Marking
ITALO 1 X 5P5 STU-S 3.060-1M	ITALO 1 X 5P5 X.060-1M (QLD 2023)	23-0354	12W	12.2W	L12
ITALO 1 X 5P5 STU-S 3.060-2M	ITALO 1 X 5P5 X.060-2M (QLD 2023)	23-0322	22W	22.3W	L23
ITALO 1 X 5P5 STU-S 3.060-3M	ITALO 1 X 5P5 X.060-3M (QLD 2023)	23-0365	34W	33.7W	L34
ITALO 1 X 5P5 STU-S 3.100-1M	ITALO 1 X 5P5 X.100-1M (QLD 2023)	23-0321	19W	19.7W	L19
ITALO 1 X 5P5 STW 3.100-3M	ITALO 1 X 5P5 X.100-3M (QLD 2023)	23-0355	54W	54.3	L54
ITALO 1 X 5P5 STE-MS 3.140-3M	ITALO 1 X 5P5 X.140-3M (QLD 2023)	23-0356	78W	78.4W	L78

In the 'Device Type Description' column of the above table, the letter 'X' has been used because there are several options available that are electrically identical. The X in the above code denotes the LED colour temperature. Applicable options for X are:

'X'	CCT
22	2200K
27	2700K
3	3000K
4	4000K
5	5000K

Please also find attached with this submission:

- Letter from Port Adelaide Council;
- Power test documentation, including sample size review to reduce test numbers to 3;
- Luminaire specification sheets.

You will notice that the luminaire coding on some of the test reports have an extra string of text 'cl 2' featured at the end. This just refers to insulation class 2. This has no impact on the load of the luminaire.

Also note that all luminaires are supplied with a label in the box as per their designated external marking with 35mm high text to be applied to the underside of the luminaire.

Please get in touch if you require anything further to process this request.

Regards,
Steven J. Hare

General Manager