



21st September 2020

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

Dear David,

Re: Transport for NSW (TfNSW) CCTV cameras Load Table

We request for the approval to add the below items to the National Electricity Market TfNSW CCTV camera Load Table for Unmetered Loads.

The TfNSW CCTV Bosch MIC camera will have one of the following three communication types and two modes: the standby mode during normal conditions and the maximum mode only when the camera is required to move.

1. Fibre connection with Cisco router,
2. 4G wireless connection with Red Lion router
3. ADSL connection with Siemens modem.

Router used	Power	Current	Power Factor
Cisco (standby)	32.89W	191.3mA	0.718
Cisco (maximum)	36.58W	214.3mA	0.709
Red Lion (standby)	26.86W	152.7mA	0.733
Red Lion (maximum)	30.08W	171.4mA	0.730
Siemens (standby)	30.42W	178.9mA	0.707
Siemens (maximum)	33.43W	192.7mA	0.721

The submission is supported with the following document:
Test Report No. S200914_S

The TfNSW cameras are permanently installed independently or as part of a traffic signal installation.

We trust that this submission meets with your approval requirements. Should you have any queries or require further information, please don't hesitate to contact me.

Best Regards,

Jimmy Fu
Field Technology Support Engineer
Customer Strategy and Technology
Technology and Innovation
Transport for NSW
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