

To: Lloyd Cuerel
Cc: Mr Olsen
From: Mary Clemesha
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File no: 6M2666
Subject: Four locations in Southern Sydney for flashing lights



Background

The RTA will be trialling four sets of lights supplied by Mr Olsen. The location of these lights is to be Peakhurst and Lugarno. Energy Australia has agreed to supply the power connection to these lights where it is feasible. The RTA have agreed to move those signs that are near to but not close enough to the power poles to allow Energy Australia to connect the power, where possible.

The sites for the lights are:

Peakhurst West Public School – Henry Lawson Drive and Belmore Road, Peakhurst
Peakhurst Public School – Bonds Road, Peakhurst
Georges River College – Isaac Street and Peace Avenue, Peakhurst
Lugarno Public School – Old Forest Road and Lugarno Parade, Lugarno

Flashing lights will be attached to the school zone sign on a single approach to each of the four schools. In the case of Peakhurst West the lights will be attached to the sign on Belmore Road heading north towards the school. The other sign will be on Belmore Road heading south towards the school. The Lugarno sites will be Old Forest Road heading south towards the school and Lugarno Parade heading east towards the school. At Peakhurst Public school the lights will be attached to the sign on Bonds Road heading south east towards the school. The other sign will be on the sign on Bonds Road heading north west towards the school. Peakhurst High school is also known as Georges River College Peakhurst Campus and the lights for this school will be attached to the sign east on Isaac Street going towards the school and west on Isaac near Peace Avenue going towards the school.

Current Situation

The RTA would like Energy Australia to access each site for power connection and to report back to RTA with their recommendations for the most suitable way to supply power to these sites. This report will also need to list any signs that Energy Australia recommends RTA relocate and to identify the new location for such signs and also any sites that cannot be powered with mains power and where an alternative (eg solar) source of energy needs to be considered.

At this stage the following has been suggested:

- Old Forest Rd - Sign to remain on Energy Australia Pole
- Lugarno Pde - Sign to be relocated to Energy Australia pole in front of sign.
- Bonds Rd heading NW - Sign to be relocated to Energy Australia pole behind sign.
- Bonds Rd heading SE - Sign to remain on RTA poles and be powered from nearby Energy Australia pole if permissible (air break switch).
- Isaac St heading E - Sign to remain on Energy Australia pole if permissible (air break switch).
- Isaac St heading W - Sign to be solar powered.
- Belmore Rd heading N - Sign to be relocated to Energy Australia pole behind sign. (Short-term due to possible removal of that pole in the future.)
- Belmore Rd heading S - Sign to remain on Energy Australia Pole. Sign to be rotated so it is square to road.

If permissible the RTA would like Energy Australia to permit and arrange for the installation of a suitable enclosure at each location in addition to or as part of the Special Small Service in which would be installed a 12V DC transformer, with a 12V cable then being run to the RTA sign.

In the case of signs that are mounted directly on the Energy Australia poles, the impact on Energy Australia in the event of a pole needing to be replaced would be similar whether the transformer was located up the pole near the Small Special Service or down on the RTA sign itself.

In the case of signs located on separate RTA poles close to an Energy Australia pole (Bonds Rd heading SE) the RTA would be reluctant for 240V to be supplied to the RTA pole given the potential risk to the public in the event of a collision with the sign, which is mounted on relatively thin metal poles, and hence would again prefer that 12v only be supplied to the sign.

The RTA undertakes to cover the cost of relocating any signs in this project and would meet any future costs involved in the reinstallation of the equipment, including the 12v transformer, in the event of a pole needing to be replaced or the service needing to be moved for other reasons. RTA will also pay the power costs for running the lights and will maintain them.

Energy Australia will cover the cost of supplying mains power to the sites.

RTA will commence the installation of these lights as soon as the sites are powered.

Please contact me on 9218 6498 if you have any queries.

Mary Clemesha
RTA