

[REDACTED]

From: Official Information
Sent: Friday, 14 July 2017 4:23 p.m.
To: [REDACTED]@starmedia.kiwi'
Subject: LGOIMA 17/237 response - [REDACTED] - Traffic signals

Dear [REDACTED],

Thank you for your email, received on 13 June 2017. You requested the following information, under the Local Government Official Information and Meetings Act 1987 (LGOIMA):

*" - In the past 12 months, how many times have traffic signals have gone out?
- What are the top 10 traffic signals that have repeatedly gone out (as in, the ones that have gone out the most often)
- What are the reasons these top 10 traffic signals have repeatedly gone out?
- How long was each traffic signal out for during each incident in the top 10?"*

Decision

On 11 July, we advised you that we had decided to release the requested information for your first three questions.

Response

Staff in the Christchurch Transport Operations Centre (CTOC) have run reports for the time period from June 2016 to May 2017 looking at instances of lights going out (power failure) or flashing yellow (controller fault).

CTOC monitors traffic signals from the Waimakariri District to Timaru – there are a total of 336 sites currently, with more being added monthly (due to the Major Cycle Routes projects, for instance).

- In the past 12 months, how many times have traffic signals have gone out?

There have been 9812 times where a set of signals has not functioned correctly as a result of power failure or controller fault. It should be noted that the total count comes from individual intersection data so a widespread power outage would be counted as a multiple number of faults. Controller fault means there have been hardware or software faults in the sites captured and reported on, and often these faults are of a very short duration.

This number includes new and rebuild sites as well normally operating intersections. There are normally teething issues when commissioning new sites. When broken down, this equates to only 2.43 faults per site per month.

We have reported the total number of faults but not all of these required contractor visits – i.e. the controller resolved the fault and resumed normal signal activity (the fault may have lasted less than 1 minute).

- What are the top 10 traffic signals that have repeatedly gone out (as in, the ones that have gone out the most often)

1. Brougham / Garlands / Opawa - 26 times
2. Barbadoes / Salisbury – 23 times
3. Barbadoes / Hereford – 22 times
4. Brougham / Burlington / Gasson – 14 times
5. Chalmers / Goulding / Main South – 13 times
6. Curletts / Main South – 12 times
7. Avonhead / Middlepark / Yaldhurst – 11 times
8. Carmen / Main South / Shands – 9 times
9. Barbadoes / Moorhouse / Waltham – 8 times

10. Pak'n'Save / Wainoni – 8 times

Staff have only included existing intersections in the above list; newly commissioned intersections have not been included.

The highest fault count was power failure relating to Orion network issues.

- What are the reasons these top 10 traffic signals have repeatedly gone out?

Either power failure or controller fault.

Publication of responses to LGOIMA requests

Please note: our LGOIMA responses may be published on the Christchurch City Council website a month after they have been responded to, with requesters' personal details withheld. If you have any concerns about this please contact the Official Information team on officialinformation@ccc.govt.nz.

Yours sincerely,


Public Information Adviser
Office of the Chief Executive
Christchurch City Council
53 Hereford Street, Christchurch 8011
PO Box 73016, Christchurch 8154
