

# MARIN GENERAL SERVICES AUTHORITY

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## MEMORANDUM

**DATE:** September 10, 2015

**TO:** MGSA Board of Directors

**FROM:** Paul Berlant, Executive Officer

**SUBJECT:** AGENDA ITEM G: Streetlight Maintenance Program Update

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### Recommended Action

No action is requested.

### Discussion

MGSA entered into a new contract for maintenance of streetlight with DC Electric Group (DCE) effective July 1, 2015. MGSA previously had a contract with Siemens Industries, Inc., which had purchased Republic ITS some four years ago. MGSA's last contract with Republic was negotiated and executed in 2012.

DCE commenced the new 2015-16 contract period by conducting night checks throughout the MGSA streetlight system to identify any outages, check and update the data in the inventory, and develop a condition baseline. DCE reported to individual MGSA member agencies as to outages and other issues they found, making repairs as needed.

After completing the night checks of all members, the results of their findings can be summarized as follows (also see table attached):

- Some 160 lights were inoperative throughout the County;
- Generally, LED and Induction lights were operating properly – most are less than five years old and under warranty, so this was to be expected.

With the exception of the City of San Rafael, DCE staff believes that the findings are what one might expect given the number of lights in our inventory. For San Rafael, a total of 93 outages out of 4417 was more than one would expect, given Siemens' responsibility to leave the system fully functional on June 30<sup>th</sup>. DCE reported these findings to San Rafael Public Works staff and made the needed repairs.

Our new contract requires verification of night checks through real time mapping of the checks. Attached is a sample map made with a GPS tracking software program called "MyTracks" which produces a map showing where the inspector drove during the night check. This map produces documentation of the time/day and the night check route. A

similar map was created for each member and forwarded to them along with the identified outages.

In August, DCE staff sent an email to all MGSA members, which is summarized in the third attachment to this memorandum. You can use the following link to DCE's web page to view the on-line reporting form and maps which are also now available on MarinMap: <http://dcelectricgroup.com/street-light-repair.html>.

Attachments

- Table re Night Check Findings
- Example Night Check Map
- Summary of August DCE Email to MGSA Members