

MARIN GENERAL SERVICES AUTHORITY

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MEMORANDUM

DATE: January 11, 2011
TO: MGSA Board of Directors
FROM: Paul Berlant, Executive Officer
SUBJECT: AGENDA ITEM: F: 2010-11 Streetlight Program Update

Recommendation Receive this report regarding streetlight repairs. Provide direction to staff regarding PG&E Smart Meters in the city of Novato and authorize the Executive Officer to accept streetlight conversions upon receipt of the requested data from member agencies.

Streetlight Repairs In September, the Board approved a contract with Republic ITS to repair a large portion of the deficiencies found in the inventory and inspections conducted during the 2009. Attached is a repair log of repairs to be completed under the contract, noting those which have been completed as of the end of December. Remaining work includes two streetlights and several hand-hold covers which are decorative or odd sizes. As some of the budgeted work had been done under current contracts with members, when the project is completed, there will some funds not spent. I have authorized the replacement of one wooden pole in Novato that is severely rotted and needs to be replaced.

PG&E Smart Meters As was reported at the last board meeting, several Smart Meter relay devices have been installed on MGSA-owned streetlight poles where the only overhead utility is a streetlight. The City of Novato erroneously entered into an agreement with PG&E to allow five devices on MGSA streetlight poles. The City and PG&E staffs have been working to find other locations for these devices. In order to avoid the installation of two new, single purpose poles, the City has requested that Smart Meter devices be allowed to be located on two MGSA poles. These two locations were chosen in order to respond to complaints from residents about these devices in their neighborhoods. Attached is the letter from Novato City Manager Michael Frank and accompanying site drawings making this request.

In order for the devices to be placed on MGSA poles, MGSA and PG&E will have to enter into a license agreement under which MGSA authorizes the placement of the devices on the two specific poles and sets the terms for such placement. If the board determines to allow PG&E to place the devices on our poles, I am requesting authority,

with the assistance of David Byers, to execute a license agreement which contains the following terms, among others:

- The length of time the devices may be located on the poles is 20 years, with five year extensions subject to the ability of MGSA to give notice within a reasonable period of time that the extension will not be allowed;
- A license fee of \$780 per pole, plus reimbursement of \$590 in administrative expenses;
- Compliance with FCC radio frequency emission requirements; and
- A termination clause whereby MGSA can terminate the license for governmental purposes with reasonable notice.

Accepting Streetlight Conversion Some of the MGSA member agencies have applied for and received Energy Efficiency Community Block Grant funds to convert high pressure sodium light fixtures to more energy efficient LED or induction fixtures. Novato has received \$350,000 and plans to move forward in early 2011. Until now, MGSA has not had any formal process to accept such conversions. The lights belong to MGSA and some form of approval is necessary. In order to both expedite and make such conversions as simple as possible, I recommend that the Executive Officer be authorized to accept the conversions upon receipt of a simple memo and form which informs MGSA of the change and provides sufficient data to keep our inventory up to date and gives our maintenance contractor sufficient information to continue their services.

Attached is a draft cover memo and data form for the conversion of lights to LED or induction lighting and a summary of streetlight conversion projects by jurisdiction provided by County (Marin Energy Watch) staff. The form may change as it is put into use. A resolution is attached providing the Executive Officer the authority to accept new streetlight assets on behalf of the MGSA board.

Andy Poster at Republic has indicated that they will be collecting data on the actual performance of LED and induction lights and will submit a proposed revised maintenance rate schedule for MGSA consideration in early 2011. However, Mr. Poster is not optimistic that there is much empirical data currently available and is concerned that the various MGSA agencies will have different types of fixtures from various manufacturers. Mr. Poster agreed to work with me to develop a new rate schedule.

Attachments

- Streetlight Repair Log through November 2010
- Letter from Michael Frank regarding Smart Meter Devices
- Cover Memo and Data Form for Streetlight Conversions
- Marin Jurisdictions Considering Alternate Type Streetlights
- Draft Resolution