



DEPARTMENT OF PUBLIC WORKS

Quality, Excellence, Innovation

DATE: May 11, 2016

TO: MERA Governing Board

FROM: Pat Echols, Operations Officer

SUBJECT: AGENDA ITEM **B-6**: STATUS OF FY 15-16 EQUIPMENT REPLACEMENT REQUESTS

Recommended Action: Accept the report.

Discussion:

FY 15-16 Equipment Replacement

Generators

The MERA system utilizes back-up generators at each equipment site. The generators start automatically should the PG&E power be lost. These generators are critical to the operation of MERA and have been employed not only during severe storms but also during scheduled and unscheduled power outages. All of the MERA generators are approximately five to ten years old depending upon when the sites were installed. The average life of a generator is ten to twelve years. Attached is an update of the MERA Generator and Tank Replacement Program.

There are four generators remaining to be replaced as approved by the Governing Board. They are: Mt. Tiburon, Dollar Hill, Forbes Hill, and Sonoma Mt. All of these generators are scheduled for April through May 2016. Mt. Barnabe was completed April 7, 2016.

Fuel Tank Replacement/Repairs

All fuel tanks have been repaired or replaced as recommended by vendor, with the exception of the Mt. Barnabe site, which is scheduled for replacement by the end of FY 15-16.

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Waste Management

FY 15-16 Surplus Equipment

On November 11, 2013, your Board approved Surplus Property Policy and Procedures for the proper disposition of MERA surplus property. The following assets are recommended for disposal upon their replacement:

Item: Mt. Tiburon, Dollar Hill, Forbes Hill, Sonoma Mt., and Mt. Barnabe generators

Method: Scrap

Comment: Recycled, with no disposal cost to MERA.

Item: Mt. Barnabe fuel tank

Method: Scrap

Comment: Recycled, with no disposal cost to MERA

FY 16-17 Equipment Replacement Requests

None.

ATTACHMENT:

B-6a MERA Generator and Tank Replacement Program

NERA Generator and Tank Replacement Program 5/4/16

<u>Site</u>	<u>Generator Maintained By:</u>	<u>Generator Size</u>	<u>Installed</u>	<u>Replacement Date</u>	<u>Approximate Cost</u>	<u>Total Tanks</u>	<u>Installed</u>	<u>Recommended Repair/Replacement Date</u>	<u>Approximate Cost</u>
Mt. Tiburon	NERA	45 KW	2005	FY 2015/2016	52,000	1	2005	DONE FY 15/16	\$11,500
Mill Valley City Hall	City of Mill Valley	125 KW	NA	NA			NA	NA	
Mill Valley PSB	City of Mill Valley		NA	NA			NA	NA	
San Pedro Ridge	NERA	45 KW	2002	DONE FY 15/16	52,000	1	2002	DONE FY 15/16	\$11,500
Dollar Hill	NERA	45 KW	2002	FY 2015/16	52,000	1	2002	DONE FY 15/16	\$11,500
Forbes Hill	NERA	45 KW	2002	FY 2015/16	52,000	1	2002	DONE FY 15/16	\$11,500
Civic Center Prime Site	Marin County		NA	NA			NA	NA	
Big Rock Ridge	NERA	45 KW	2002	DONE FY 15/16	52,000	1	2002	DONE FY 15/16	\$11,500
Mt. Burdell	American Tower		NA	NA			NA	NA	
Sonoma Mt.	NERA	45 KW	2003	FY 2015/2016	52,000	1	2003	DONE FY 15/16	\$11,500
Bay Hill Road									
Sonoma County	NERA	125 KW	2004	DONE FY 13/14		3	2004	DONE FY 15/16	\$11,500
Pt. Reyes	NERA	45 KW	2004	DONE FY 12/13		1	2004	DONE FY 15/16	\$11,500
Mt. Barnabe with County									
Fire	NERA	45 KW	2003	DONE FY 15/16	52,000	1	2003	FY 2015/2016	\$11,500
Mt. Tamalpais	American Tower		NA	NA			NA	NA	
Stewart Pt.	NERA	45 KW	2007	DONE FY 15/16	52,000	1	2007	DONE FY 15/16	\$11,500