



San Francisco Water Power Sewer

Services of the San Francisco Public Utilities Commission

525 Golden Gate Avenue, 7th Floor
San Francisco, CA 94102
T 415.554.1537

ELIZABETH MURRAY

Managing Director
San Francisco War Memorial and Performing Arts Center

May 02, 2017

Subject: Referral to the War Memorial Board of Trustees' – Proposed Opera House Rooftop Solar Photovoltaic System

The San Francisco Public Utilities Commission (SFPUC) is proposing to install, at the SFPUC's cost, a 95 kilowatt DC solar photovoltaic (PV) system on the eastern roof of the War Memorial Opera House, 301 Van Ness Ave, San Francisco CA 94102.

The proposed project is part of the Civic Center *Sustainable Resource District* and supports the Mayor's Executive Directive 05-107 'Rooftops for Municipal Solar', which commits the City and County of San Francisco to expand the development of municipal solar.

To extend the operational life of the existing roof and minimize the need for renovation during the life of the rooftop PV, targeted refurbishment of the existing roof is proposed. The estimated cost of the roofing phase is \$150,000. The refurbishment would extend beyond the footprint of the PV system and defer investment in a new roof for up to 20 years so it is proposed that SFWMPAC contribute \$50,000 or 1/3 of the refurbishment construction cost (whichever is lower).

The proposed project would be broken in two phases – roof refurbishment (July-August 2017 'dark' maintenance period) and solar installation (February-April 2018). All work will be coordinated and scheduled with approval of SFWMPAC facility staff and in such a way as to not interfere with the performance/rehearsal schedule. The Work will only commence once all permits and approvals have been issued by the relevant County and Municipal authorities, commissions and boards.

The SFPUC requests that this project be calendared on the Board of Trustees' June 8th agenda. Thanks you for your assistance on this matter.

JAMIE SEIDEL
Manager, DER Projects, Power Enterprise
San Francisco Public Utilities Commission

Edwin M. Lee
Mayor

Anson Moran
President

Ike Kwon
Vice President

Ann Moller Caen
Commissioner

Francesca Vietor
Commissioner

Vince Courtney
Commissioner

Harlan L. Kelly, Jr.
General Manager

