

1 [Emergency Declaration - Repair Hetch Hetchy Power Kirkwood Generator Bypass System -  
2 Total Estimated Cost Not to Exceed \$700,000]

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3 **Resolution approving an emergency declaration of the San Francisco Public Utilities**  
4 **Commission pursuant to Administrative Code, Section 21.15(c), to repair dissipater**  
5 **valve of the Hetch Hetchy Power Kirkwood Generator Bypass System; with a total**  
6 **estimated cost not to exceed \$700,000.**

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8 WHEREAS, On October 6, 2016, the San Francisco Public Utilities Commission  
9 (SFPUC) inspected the Hetch Hetchy Power Kirkwood Generator Bypass System and  
10 determined that the stainless steel dissipater valve had failed, resulting in an unobstructed jet  
11 of water to strip a steel plate, rail, concrete, and rebar from the floor to a depth of about 30  
12 inches, causing the Kirkwood Generator Bypass to be red-tagged and necessitating the repair  
13 of the dissipater valve and replacement of other parts; and

14 WHEREAS, This Kirkwood Generator Bypass structure is a critical asset and provides  
15 for continuous delivery of water to SFPUC water customers in the event Kirkwood  
16 Powerhouse is de-energized; inability to use this asset poses a threat to water deliveries, a  
17 basic service affecting the lives, property and welfare of the SFPUC water customers; and

18 WHEREAS, If the Kirkwood Generator Bypass System dissipater valve and other  
19 replacement parts are not repaired and expeditiously returned to service, there remains a  
20 significant threat to the ability of the SFPUC to ensure the continuous delivery of basic water  
21 service to its customers; and

22 WHEREAS, Administrative Code, Chapter 21, Section 21.15(c), authorizes department  
23 heads responsible for operations for which commodities or services are needed to declare an  
24 emergency to make repairs to maintain public health or welfare as a result of the breakdown  
25 of any plant equipment, structure, street or public work; and

1           WHEREAS, On November 23, 2016, the SFPUC General Manager declared an  
2 emergency, approved by the President of the San Francisco Public Utilities Commission, to  
3 repair the Hetch Hetchy Power Kirkwood Generator Bypass System and thereby protect  
4 public health and safety; and

5           WHEREAS, Administrative Code, Section 21.15(c), requires that the General Manager  
6 seek Board of Supervisors' approval of the declaration of emergency for commodities or  
7 services with an estimated cost in excess of \$100,000; and

8           WHEREAS, The SFPUC General Manager estimates that the emergency work to  
9 repair and replace the Hetch Hetchy Power Kirkwood Generator Bypass System components,  
10 including the dissipater valve, steel plate flooring and other replacement parts will cost  
11 approximately \$700,000; and

12           WHEREAS, The SFPUC has attempted to obtain at least three bids for the emergency  
13 purchase of the dissipater valve; and

14           WHEREAS, The SFPUC anticipates executing an emergency contract with Oakland  
15 Machine Works for the fabrication and installation of the dissipater valve for approximately  
16 \$206,000, with the remaining work to be performed by City forces; and

17           WHEREAS, The Controller has certified that funds are available for this emergency  
18 work and contract; now, therefore, be it

19           RESOLVED, That the Board of Supervisors approves the emergency declaration to  
20 repair the Hetch Hetchy Power Kirkwood Generator Bypass System made by the SFPUC  
21 General Manager on November 23, 2016; and, be it

1            FURTHER RESOLVED, That actions taken to date by the San Francisco Public  
2 Utilities Commission to secure such emergency contracts and resolve the emergency  
3 condition are hereby ratified.

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6 RECOMMENDED:

FUNDS AVAILABLE:

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9 HARLAN L. KELLY, JR.  
10 General Manager of the SFPUC

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BEN ROSENFELD  
Controller