

1 [Emergency Declaration - Restoration of Uninterruptible Standby Power Supply System for
2 Tesla Treatment Facility - \$700,000]

3 **Resolution approving an emergency declaration of the San Francisco Public Utilities
4 Commission, pursuant to Administrative Code, Section 6.60, to contract resources to
5 restore the Tesla Treatment Facility's uninterruptible standby power supply system,
6 which has become obsolete and was found to have failed on December 11, 2024,
7 during routine maintenance, with a total estimated cost of \$700,000.**

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9 WHEREAS, The San Francisco Public Utilities Commission's (SFPUC) Tesla
10 Treatment Facility (Facility) provides primary disinfection and fluoridation for the SFPUC
11 Regional Water System's Hetch Hetchy source of supply, which provides drinking water for
12 2.7 million people in the San Francisco Bay Area; and

13 WHEREAS, Primary disinfection at the Facility includes ultraviolet light disinfection and
14 chlorine disinfection, both of which are required to meet drinking water regulations; and

15 WHEREAS, The Facility is equipped with an uninterruptible power supply system and
16 standby generators that provide a seamless transfer of power when a Pacific Gas and Electric
17 Company (PG&E) power outage occurs; and

18 WHEREAS, The Facility's uninterruptible standby power control system components
19 have become obsolete and were found to have failed on December 11, 2024, during routine
20 maintenance; and

21 WHEREAS, Without a functioning uninterruptible standby power control system, any
22 future PG&E power outage at the Facility will result in a complete loss of power to the
23 treatment systems, putting the Facility at risk of regulatory violations and creating a risk for the
24 SFPUC's drinking water supplies; and

1 WHEREAS, The Facility is currently offline due to a planned Hetch Hetchy outage for
2 the SFPUC's Mountain Tunnel Improvements Project that will last until March 14, 2025; and

3 WHEREAS, Once the Facility returns to service in March, it will require a functioning
4 uninterrupted standby power supply system to maintain continuous water treatment in
5 compliance with drinking water regulations when unforeseen PG&E power outages occur
6 requiring the use of the Facility's uninterrupted standby power supply system; and

7 WHEREAS, Under Administrative Code, Section 6.60, an "actual emergency" means "a
8 sudden, unforeseeable, and unexpected occurrence involving a clear and imminent danger,
9 demanding immediate action to prevent or mitigate loss of or damage to, life, health, property,
10 or essential public services"; and

11 WHEREAS, On December 23, 2024, in accordance with Administrative Code,
12 Section 6.60, the SFPUC General Manager declared an emergency, which the President of
13 the San Francisco Public Utilities Commission approved, to contract for resources to restore
14 the Facility's uninterrupted standby power supply system, based on a finding that: (1) not
15 having a functioning uninterrupted standby power supply at the Facility will put the safety of
16 our drinking water at risk; and (2) prompt replacement of obsolete uninterrupted standby
17 power control system components and restoration of the Facility's uninterrupted standby
18 power supply system will eliminate the risk of regulatory violation for the SFPUC's Regional
19 Water System in the event of a loss of PG&E power at the Facility; and

20 WHEREAS, Under Administrative Code, Section 6.60(d), the SFPUC General Manager
21 must seek the Board of Supervisors' approval in all cases where the estimated cost of the
22 emergency work exceeds \$250,000; and

23 WHEREAS, This request for an emergency declaration is for contract resources to
24 restore the Facility's uninterrupted standby power supply system; and

1 WHEREAS, The emergency work needs to be completed before March 14, 2025, if
2 possible, and is beyond the capabilities of City forces; and

3 WHEREAS, The SFPUC General Manager's declaration of emergency initially
4 estimated that the cost of the emergency work would be \$600,000, but the vendor has since
5 provided an updated estimate based on the inclusion of prevailing wage, additional insurance
6 requested, and additional resources to expedite production; and

7 WHEREAS, The updated estimated cost of this emergency work is \$700,000; and

8 WHEREAS, The Controller has certified that funds are available for this emergency
9 work; now, therefore, be it

10 RESOLVED, That this Board of Supervisors approves the SFPUC declaration of
11 emergency dated December 23, 2024, to contract resources to restore the Tesla Treatment
12 Facility's uninterruptible standby power supply system, which has become obsolete and was
13 found to have failed on December 11, 2024, during routine maintenance, with a total
14 estimated cost of \$700,000; and, be it

15 FURTHER RESOLVED, That the Board of Supervisors ratifies actions taken by the
16 San Francisco Public Utilities Commission to remediate the emergency condition.

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1 \$700,000 Available

	Description	Number
Fund ID:	Water Regional Revenue Fund	26603
Department ID:	WTR0503 WST Maint Engr	232423
Project ID:	SVWTP R&R	10036524
Authority ID:	Reg Water Fac & Infra-Budget	22641
Account ID:	UW Reg Water Facilities and In	542110
Activity ID:	SVWTP R&R	0001

11 RECOMMENDED:

FUNDS AVAILABLE:

14 /s/
15 Dennis Herrera

14 /s/
15 Greg Wagner

16 General Manager of the SFPUC

16 Controller