

1 [Emergency contract to replace the stator core in Kirkwood Powerhouse generator number 1,
2 designated "KPH1".]

3 **Resolution approving an emergency public work contract under San Francisco**
4 **Administrative Code section 6.60 to replace the stator core in the Kirkwood**
5 **Powerhouse generator number 1, designated "KPH1."**

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7 WHEREAS, the City, through its Public Utilities Commission ("PUC"), operates the
8 Kirkwood Powerhouse, located on the Tuolumne River six miles downstream from the Hetch
9 Hetchy Reservoir; and

10 WHEREAS, the Kirkwood Powerhouse houses three hydro-electric generators,
11 designated "KPH1", "KPH2" and "KPH3", which collectively generate up to 124 megawatts of
12 electricity from water flow during the annual runoff season from April through June; and

13 WHEREAS, the electricity generated at the Kirkwood Powerhouse is: (1) used by the
14 City to meet some of its energy needs, (2) provided to the Modesto and Turlock Irrigation
15 Districts to meet the City's obligations under the Raker Act, and, (3) sold to customers; and

16 WHEREAS, in 2005, the PUC awarded contract HH-910 to replace the stator windings
17 (otherwise known as "rewind") in KPH1 and KPH2; and

18 WHEREAS, when it came time to rewind KPH1, the PUC discovered that its stator core
19 was damaged, rendering KPH1 inoperable because KPH1 cannot be rewound without first
20 replacing the stator core; and

21 WHEREAS, KPH1 will not be available to generate electricity during the runoff season
22 if its stator core is not replaced and the unit is not immediately returned to service; and

23 WHEREAS, the PUC estimates that it could lose as much as \$3.5 million in revenue if
24 KPH1 is not available to generate electricity during the annual runoff season; and

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1 WHEREAS, San Francisco Administrative Code, Chapter 6, Article IV, section 6.60,
2 authorizes department heads responsible for public work to award an emergency contract,
3 exempt from the competitive bidding process, in the event of an actual emergency which
4 includes, ". . . The breakdown or imminent breakdown of any plant, equipment, structure,
5 street or public work necessitating immediate emergency repair or reconditioning to safeguard
6 the lives or property of the citizens; or the property of the City and County; or to maintain the
7 public health or welfare;" and

8 WHEREAS, on September 17, 2008, the General Manager declared an emergency,
9 approved by the President of the San Francisco Public Utilities Commission, to replace the
10 stator core in KPH1 in order to ensure that KPH1 was available to generate electricity in time
11 for the annual spring runoff season and thereby safeguard the property of the City and County
12 and its citizens; and

13 WHEREAS, Section 6.60(D) requires that the San Francisco Board of Supervisors
14 approve an emergency with an estimated cost in excess of \$250,000; and

15 WHEREAS, The General Manager of the Public Utilities Commission estimates that the
16 emergency work to replace the stator core in KPH1 will cost approximately \$1.5 Million; now
17 therefore be it

18 RESOLVED, That the General Manager of the Public Utilities Commission is
19 authorized to award an emergency contract under San Francisco Administrative Code section
20 6.60, and proceed with all work necessary to ensure that KPH1 is fully functioning and
21 operable in time for the annual runoff season, with a total contract amount not to exceed \$1.5
22 Million; and, be it

23 FURTHER RESOLVED, That the Controller has certified that funds are available for
24 this emergency contract; and be it

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1 FURTHER RESOLVED, That any action to date by the Public Utilities Commission to
2 secure such emergency contract and resolve the emergency condition is hereby ratified.

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4 Certified Funds
5 Available:

6 Controller

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