

1 [Accept- Expend State Loan for \$1,622,940 for a Solar Power Plant at Southeast Water
2 Pollution Control Plant.]

3 **Resolution authorizing the San Francisco Public Utilities Commission to accept and**
4 **expend a loan in the amount of approximately \$1,622,940 from the California Energy**
5 **Commission to support the installation of energy efficiency measures and a 229**
6 **kilowatt solar electric system at the Southeast Water Pollution Control Plant (SEWPCP)**
7 **750 Phelps.**

8 WHEREAS, In response to the California Energy crisis, on January 22, 2001 the Mayor
9 of the City and County of San Francisco (the City) directed department heads to take all
10 measures necessary to accomplish energy use reductions; and,

11 WHEREAS, The San Francisco Public Utilities Commission has identified energy
12 efficiency measures that would total a savings of 1,514,253 kilowatt hours per year; and,

13 WHEREAS, The San Francisco Public Utilities Commission has identified a location for
14 a 229 kilowatt solar electric system with an annual projected production of 319,372 kilowatt-
15 hours of electricity at Southeast Water Pollution Control Plant; and,

16 WHEREAS, In order to maximize the number of renewable energy projects that could
17 be accomplished with the limited funds available, the SFPUC staff identified potential grant
18 and loan funding sources; and,

19 WHEREAS, the California Energy Commission offers a loan program offering 3.95%
20 interest loans to cities, counties, special districts, public and nonprofit schools, public care
21 institutions and hospitals; and,

22 WHEREAS, the cost of installing the energy efficiency measures and the solar electric
23 system is budgeted at \$3,568,000 before the Self Generation Incentive Program's rebate of
24 \$900,000 which would result in a net project cost of \$2,668,000, and
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1 WHEREAS, the remaining costs of \$1,045,060 will be obtained from the Mayor's
2 Energy Conservation Account and these costs will be reimbursed through a memorandum of
3 understanding between SFPUC's Clean Water Department and SFPUC's Hetch Hetchy
4 Water and Power for repayment at 3.95% over 13 years; now, therefore, be it

5 RESOLVED, That the Board of Supervisors hereby authorizes this resolution to accept
6 and expend a loan of \$1,622,940 for a period of 13 years at an interest rate of 3.95% from the
7 California Energy Commission to install energy efficiency measures and a 229 kilowatt solar
8 electric system at the Southeast Water Pollution Control Plant.

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10 RECOMMENDED: Susan Leal

APPROVED:

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12 SFPUC

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Susan Leal
General Manager

Mayor

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APPROVED:

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EDWARD HARRINGTON
Controller

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