

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

3
4 **Resolution authorizing the San Francisco Public Utilities Commission to accept and**
5 **expend a loan in the amount of approximately \$1,622,940 from the California Energy**
6 **Commission to support the installation of energy efficiency measures and a 229**
7 **kilowatt solar electric system at the Southeast Water Pollution Control Plant (SEWPCP)**
8 **750 Phelps.**

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

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

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

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

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

23 WHEREAS, the cost of installing the energy efficiency measures and the solar electric
24 system is budgeted at \$3,568,000 before the Self Generation Incentive Program's rebate of
25 \$900,000 which would result in a net project cost of \$2,668,000, and


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.

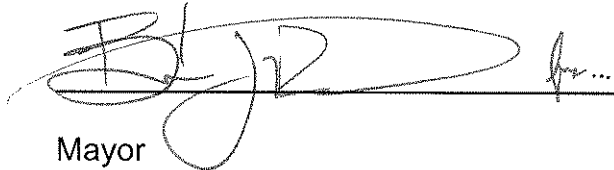
9
10 RECOMMENDED: Cheryl K. Davis

APPROVED:

11
12 SFPUC

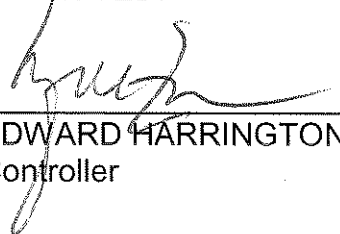
13 

14 Cheryl K. Davis
15 General Manager

16 

Mayor

17 APPROVED:

18 

19 EDWARD HARRINGTON
20 Controller



City and County of San Francisco

City Hall
1 Dr. Carlton B. Goodlett Place
San Francisco, CA 94102-4689

Tails
Resolution

File Number: 041232

Date Passed:

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

September 28, 2004 Board of Supervisors — ADOPTED

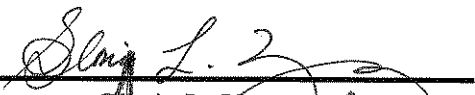
Ayes: 11 - Alioto-Pier, Ammiano, Daly, Dufty, Elsbernd, Gonzalez, Ma, Maxwell, McGoldrick, Peskin, Sandoval

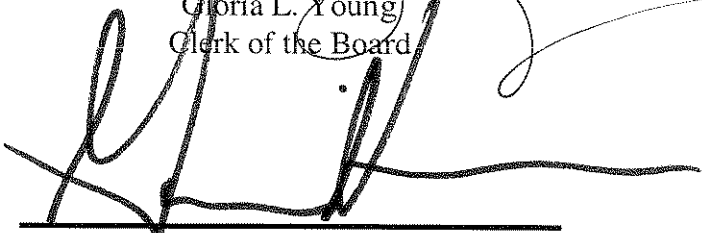
File No. 041232

I hereby certify that the foregoing Resolution was ADOPTED on September 28, 2004 by the Board of Supervisors of the City and County of San Francisco.

SEP 30 2004

Date Approved


Gloria L. Young
Clerk of the Board


Mayor Gavin Newsom