

1 [Accept and Expend Grant -Solar Energy with Energy Storage- \$1,286,200]

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3 **Resolution retroactively authorizing the Department of the Environment to accept and**
4 **expend a grant in the amount of \$1,286,200 from the U.S. Department of Energy to**
5 **develop plans in multiple neighborhoods to develop Solar Energy with Energy Storage**
6 **for Post-Disaster Preparedness for the term of December 15, 2014, through December**
7 **31, 2016.**

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9 WHEREAS, The City highly values disaster preparedness activities; and

10 WHEREAS, Solar power, in conjunction with energy storage can provide long term
11 secure power for critical electric loads without the need for liquid fuels; and

12 WHEREAS, Multiple critical loads can be linked together to create a 'micro-grid' that
13 improves stability and allows the loads to balance the use of available power; and

14 WHEREAS, The Department of Environment worked with Department of Emergency
15 Management (DEM) to incorporate solar with energy storage and micro-grids into the City's
16 Hazard Mitigation Plan and into the City's proposed Energy Assurance Plan; and

17 WHEREAS, With a previously approved grant from the California Energy Commission,
18 the Department of the Environment has already completed a report on integrating renewable
19 resources into neighborhood electric distribution systems; and

20 WHEREAS, The U.S. Department of Energy has granted the City, through the
21 Department of Environment, \$1,286,200 to develop a plan for at least twelve solar powered
22 micro-grids in the City along with other tools that will assist other local government across the
23 United States; and

24 WHEREAS, The U.S. Department of Energy has also granted \$35,000 of assistance
25 from two National Laboratories to assist in the project; and

1 WHEREAS, The Department of Environment has partnered with DEM, the San
2 Francisco Public Utilities Commission, and Pacific Gas & Electric in this project; and

3 WHEREAS, The Department of the Environment will engage neighborhoods in this
4 project; and

5 WHEREAS, The grant does not require an Annual Salary Ordinance (ASO)
6 amendment and partially reimburses the Department of the Environment for one existing
7 position; and

8 WHEREAS, The term of this grant is from December 15, 2014, to December 31, 2016;
9 and

10 WHEREAS, A request for retroactive approval is being sought because the Department
11 of the Environment needed time to process this Resolution; and

12 WHEREAS, The budget includes indirect costs of \$34,256; now, therefore, be it

13 RESOLVED, That the Board of Supervisors authorizes the Department of the
14 Environment to retroactively accept and expend a grant in the amount of up to \$1,286,200 for
15 the development of plans for solar, energy storage, and micro-grids to improve disaster
16 preparedness in the City and County of San Francisco.

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18 RECOMMENDED:

 APPROVED:

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Department of the
Environment

Office of the Mayor

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Office of the Controller