

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.**

8  
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

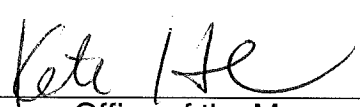
12          WHEREAS, The budget includes indirect costs of \$34,256; now, therefore, be it

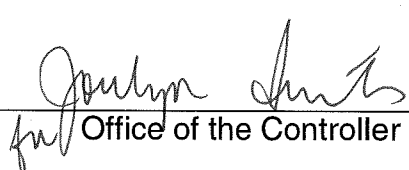
13          RESOLVED, That the Board of Supervisors authorizes the Department of the  
14 Environment to retroactively accept and expend a grant in the amount of up to \$1,286,200 for  
15 the development of plans for solar, energy storage, and micro-grids to improve disaster  
16 preparedness in the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

17  
18 RECOMMENDED:

APPROVED:

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21  
22   
Department of the  
Environment

21  
22   
Office of the Mayor

23  
24  
25   
Office of the Controller



City and County of San Francisco

Tails  
Resolution

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

File Number: 150272

Date Passed: May 19, 2015

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

May 13, 2015 Budget and Finance Sub-Committee - RECOMMENDED

May 19, 2015 Board of Supervisors - ADOPTED

Ayes: 10 - Avalos, Breed, Campos, Christensen, Cohen, Farrell, Mar, Tang,  
Wiener and Yee  
Excused: 1 - Kim

File No. 150272

I hereby certify that the foregoing  
Resolution was ADOPTED on 5/19/2015 by  
the Board of Supervisors of the City and  
County of San Francisco.

Angela Calvillo  
Clerk of the Board

  
Mayor

5/28/15  
Date Approved