

1 [Accept and Expend Grant - Prospect Silicon Valley - MarketZero Project - \$150,000]

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3 **Resolution retroactively authorizing the Department of the Environment to accept and**
4 **expend grant funds from Prospect Silicon Valley in the amount of \$150,000 to perform**
5 **stakeholder engagement and knowledge transfer for the MarketZero project to bring an**
6 **existing local grocery store to near net-zero energy over the term of May 17, 2016,**
7 **through March 31, 2020.**

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9 WHEREAS, The City and County of San Francisco Board of Supervisors has adopted
10 greenhouse gas emissions reduction goals and local requirements for new buildings to
11 become more energy-efficient than required by state building code; and

12 WHEREAS, The State of California has adopted goals that by 2030 all new commercial
13 buildings and half of all existing commercial buildings be net zero energy; and

14 WHEREAS, Grocery stores have among the highest energy use intensity of
15 commercial buildings types; and

16 WHEREAS, Grocery stores in California represent three percent of existing commercial
17 building square footage and 6.7 percent of existing commercial building energy consumption;
18 and

19 WHEREAS, Existing research of potential energy savings in grocery stores has been
20 based on theoretical modeling rather than real-world measurement; and

21 WHEREAS, After a competitive process the California Energy Commission has
22 awarded \$2,999,591 to Prospect Silicon Valley to implement MarketZero, a project to design
23 and execute a real-world retrofit of an existing Whole Foods Market grocery store in San
24 Francisco to achieve near net-zero energy use with a focus on energy efficiency; and

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1 WHEREAS, This project will be a real-world demonstration of a feasible and scalable
2 pathway to net zero energy in one branch of a national grocery chain; and

3 WHEREAS, The project partners are Prospect Silicon Valley, ARUP, Lawrence
4 Berkeley National Laboratory, and Whole Foods Market, comprising a group of national
5 leaders in advanced building design, new energy-efficient technologies, and grocery store
6 operations; and

7 WHEREAS, The Department of Environment, through its existing energy efficiency
8 programs for commercial sectors, maintains relationships with diverse stakeholders that
9 enable knowledge transfer; and

10 WHEREAS, The term of this grant is from May 17, 2016, to March 31, 2020; and

11 WHEREAS, The grant does not require an Annual Salary Ordinance (ASO)
12 amendment; and

13 WHEREAS, A request for retroactive approval is being sought because the Department
14 of the Environment needed time to finalize grant terms; and

15 WHEREAS, The budget includes indirect costs of \$48,266; now, therefore, be it

16 RESOLVED, That the Board of Supervisors authorizes the Director of the Department
17 of the Environment to retroactively accept and expend a grant in the amount of \$150,000 from
18 Prospect Silicon Valley to provide knowledge transfer for the MarketZero project in San
19 Francisco.

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1 Recommended:

Approved: _____
Mayor

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Approved: _____
Controller, Grant Division

6 Department Head

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