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

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

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

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

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

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

WHEREAS, After a competitive process the California Energy Commission has awarded $2,999,591 to Prospect Silicon Valley to implement MarketZero, a project to design and execute a real-world retrofit of an existing Whole Foods Market grocery store in San Francisco to achieve near net-zero energy use with a focus on energy efficiency; and
WHEREAS, This project will be a real-world demonstration of a feasible and scalable pathway to net zero energy in one branch of a national grocery chain; and

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

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

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

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

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

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

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

Mayor

Approved: 

Mayor

for

Approved: 

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

February 09, 2017 Budget and Finance Committee - RECOMMENDED

February 28, 2017 Board of Supervisors - ADOPTED

Ayes: 11 - Breed, Cohen, Farrell, Fewer, Kim, Peskin, Ronen, Safai, Sheehy, Tang and Yee

I hereby certify that the foregoing Resolution was ADOPTED on 2/28/2017 by the Board of Supervisors of the City and County of San Francisco.

Angela Calvillo
Clerk of the Board

Mayor

Date Approved