

April 25, 2019
Fremont, California

A special meeting of the Board of Directors of ALAMEDA COUNTY WATER DISTRICT was held on April 25, 2019, at the hour of 4:01 P.M. in the Headquarters Multipurpose Room of the District Office Building, 43885 South Grimmer Boulevard, Fremont, California.

Present: Directors Huang, Akbari, Sethy, Weed, and Gunther

Staff members present: General Manager Robert Shaver, Manager of Engineering & Technical Services Ed Stevenson, Acting Manager of Water Resources Thomas Niesar, Manager of Finance Jonathan Wunderlich, Manager of Operations & Maintenance Steve Peterson, Facilities Maintenance Manager Dan Stevenson, Project Engineering Manager Rekha Ippagunta, Supervising Financial Analyst Sydney Oam, Development Services Engineer Sean O'Reilly, Project Engineer Shane O'Nesky, Water Production Engineer Thomas Spankowski, General Counsel Patrick Miyaki, and District Secretary Gina Markou.

President James Gunther presided.

James Gunther led in the Salute to the Flag.

3 – PUBLIC COMMENTS

There were no comments from the public when President Gunther opened the floor at 4:03 P.M.; however, President Gunther reopened Public Comments at 4:30 P.M. to accommodate the late arrival of Mr. Kelly Abreau with Mission Peak Conservancy. Mr. Abeau addressed the Board and commented on wholesale energy pricing in California. He also stated that energy and water are inseparable and in his opinion groundwater aquifers are overdrawn.

4 – ENERGY CONSERVATION AND CLEAN ENERGY PROGRAMS

Mr. Shaver explained that the workshop will focus on ongoing and planned initiatives related to energy conservation and clean and renewable energy generation. Mr. Ed Stevenson provided a brief overview of the agenda and acknowledged staff who is involved with the project.

Mr. Dan Stevenson presented additional information on operational energy initiatives and conservation programs.

Mr. Ed Stevenson introduced the District's consultants Michael Brown and Ryan Ramos of MDB Energy & Environmental Engineers.

Discussion ensued and staff and consultants responded to inquiries from the Board.

The District's consultants presented a review of the 2016 Clean Energy Plan and concluded that the work in 2016 remains generally valid in 2019. A two-step screening process was used by the consultants that included an initial feasibility analysis of multiple sites (based on each site's energy generation potential) and an in-depth net-present value financial analysis. The updated financial analyses prepared by the consultant evaluated each of the reviewed alternative energy

technologies (solar, floating solar, standalone battery, solar + battery, wind, fuel cell, and hydroelectric) based on District cash expenditures (“Pay-Go”), low-interest loan and Power Purchase Agreement (or PPA) options.

The results indicated that the most feasible projects are already planned within the current Capital Improvement Program. However, rather than implement solar at individual sites via individual PPA arrangements as had been contemplated in prior evaluations, the consultant recommended aggregating these multiple sites into a single larger PPA covering multiple sites.

Discussion ensued and staff and the consultants responded to inquiries from the Board.

President Gunther called for a recess at 5:49 P.M. and reconvened the meeting at 6:05 P.M.


The Board thanked staff and consultants on their presentations.

5 – GENERAL MANAGER’S REPORTS

- Mr. Shaver made the Board aware of AB 217, the Safe Drinking Water for All Act. This bill was introduced by Assemblymember Eduardo Garcia, with Principal coauthor Assemblymember Blanca Rubio. There are a number of coauthors identified on the bill, including Assemblymember Quirk. Mr. Shaver stated that he would be putting this item on the Board agenda for the May 2, 2019, meeting.
- Mr. Shaver announced that there will be a Celebration of Life Ceremony for Jamie Delgado, hosted by her family, at the Swiss Park on Saturday, May 4, 2019. Jamie was an employee of the District and worked as an office assistant in the Operations Department.

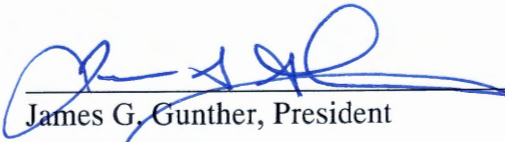
6 – DIRECTOR’S COMMENTS AND/OR AGENDA ITEM REQUESTS – None

There being no further business to come before the Board, the meeting adjourned at 7:38 P.M.



Gina Markou, District Secretary

Attest:



James G. Gunther, President