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| Docket Number: | 20-MISC-01 |
| Project Title: | 2020 Miscellaneous Proceedings. |
| TN #: | 233020 |
| Document Title: | AB 2514 San Francisco Storage Update Letter to CEC 2017 |
| Description: | N/A |
| Filer: | Courtney Wagner |
| Organization: | California Energy Commission |
| Submitter Role: | Commission Staff |
| Submission Date: | 5/19/2020 2:12:49 PM |
| Docketed Date: | 5/19/2020 |



October 11, 2017

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California Energy Commission; MS 20
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Sacramento, CA 95814
Via Email: john.mathias@energy.ca.gov

Update on Storage Activities of the San Francisco Public Utilities Commission Hetch Hetchy Power System

Dear Mr. Mathias,

In Resolution 14-0147, adopted September 23, 2014, the San Francisco Public Utilities Commission (SFPUC) concluded “that it is not cost-effective for the SFPUC to adopt an electric storage procurement target at this time.”¹ The Commission also directed the SFPUC to “continue to evaluate energy storage as a procurement option.”² Accordingly, Resolution 14-0147 directed the General Manager to “report back to the Commission annually regarding further evaluation of electric storage technology and its potential for meeting the SFPUC’s energy procurement needs.”³

At its March 14, 2017 meeting, the General Manager presented to the Commission the SFPUC’s updated evaluation of electric storage opportunities. Among the update’s conclusions was that, at the wholesale level;

Energy storage continues to not be a cost-effective option to meet the SFPUC’s electric needs. The Hetch Hetchy system currently provides the same benefits that electric storage would provide.⁴

At the distribution level, the update reconfirmed the potential for electric storage as a source of back-up power for critical infrastructure or in areas not accessible to the electric grid. As the update notes;

Power Enterprise is developing, in conjunction with other agencies, an electric storage facility at Thurgood Marshall High School, as part of the “Solar+Storage for Resiliency” program, as well as working with Water and Wastewater to identify opportunities for electric storage.⁵

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Vince Courtney
Commissioner

Harlan L. Kelly, Jr.
General Manager

¹ Resolution 14-0147, p. 2

² Ibid.

³ Ibid.

⁴ Update on Power Enterprise’s Electric Storage Activities as Required by Resolution 14-0147

⁵ Ibid.



SFPUC Storage Update

A copy of the “Update on Power Enterprise’s Electric Storage Activities as Required by Resolution 14-0147” is attached.

Please feel free to contact us if you need additional information at (415) 554-1526 or jhendry@sfgwater.org.

Sincerely,

James Hendry
Regulatory Affairs

cc: Barbara Hale, Asst. General Manager – Power
Lori Mitchell, Manager – Renewables Section