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May 10, 2019

Rob Peterson, CPUC Project Manager
c/o Tom Engels
Horizon Water and Environment, LLC
400 Capitol Mall, Suite 2500
Sacramento, CA 95814
Email: estrellaproject@horizonh2o.com

Re: Estrella Substation and Paso Robles Area Reinforcement Project ("Project")
*Addendum to Response of San Antonio Winery, Inc. and Riboli Paso Robles, LLC to
Circulation of Draft Alternatives Screening Report*

Dear Mr. Peterson:

Please accept this letter as an **Addendum** to San Antonio Winery, Inc. and Riboli Paso Robles, LLC (collectively, "San Antonio") previously submitted response to the circulation of *Draft Alternatives Screening Report* ("Response Letter"), which was dated April 24, 2019. San Antonio's Response Letter expressed support for the following alternatives: ***Alternative SS-1; Alternatives PLR-1C and PLR-1D; Alternatives BS-1, BS-2 or BS-3; and Alternative PLR-3 (with certain qualifications)***.

After further research and consideration, San Antonio is prepared to support the following additional alternatives: ***Alternative SE-1 (Templeton Substation Expansion) and Alternative SE-PLR-2 (Templeton-Paso South River Road Route)***. As will be explained further below, these options, which would work in tandem, would resolve the principal objections San Antonio has expressed concerning the Project and would also satisfy the Transmission and Distribution Objectives of the Project.

Alternative SE-1 proposes the expansion of the already existing Templeton substation. This alternative would be accomplished by utilizing an adjoining property and would use essentially the same equipment that would have been utilized at the proposed Estrella Substation. In most respects, this substation expansion would mirror the proposed Estrella Substation. The benefit of this location, however, is that there is already a substation on site and existing interconnection through transmission lines to the Paso Robles Substation. It would involve far less environmental and agricultural impacts than the Estrella Substation. As identified in the Screening Report, this option would also meet the Transmission Objective of the Project.

Although not one of the stated objectives of Alternative SE-1, an expanded Templeton Substation would also likely support the battery storage technologies discussed in ***Alternatives BS-1,***

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BS-2 or BS-3. This is technology that the CAISO has endorsed and, in fact, has partnered with SDG&E and other entities to install such technologies in San Diego and integrate it into San Diego's grid system. Attached hereto is a San Diego Union Tribune article dated May 6, 2019, which details the project.

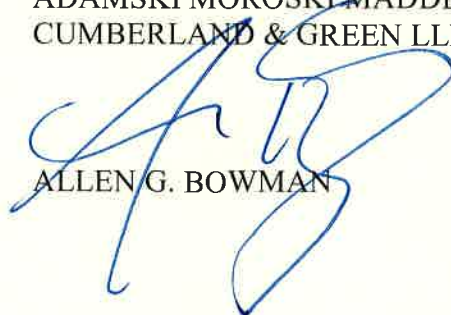
Additionally, with the passage of Senate Bill 100 (De Leon) concerning The 100 Percent Clean Energy Act of 2018, the State Legislature declared that the Public Utilities Commission and other State agencies should plan for 100 percent of retail of sales of electricity in California to come from renewable energy resources and zero carbon resources by December 31, 2045. Battery storage will have a critical role in supporting renewable energy resources by capturing and storing the energy generated. Currently, we are not capturing the oversupply of renewable energy produced during the peak time of production. Doing so through battery storage technology would add greater efficiencies to the grid and support grid reliability.

Alternative SE-PLR-2 proposes the installation of a second circuit connecting the Templeton Substation and the Paso Robles Substation. This alternative is in many ways supposed to work in conjunction with the aforementioned Alternative SE-1 and offer a means by which the expanded Templeton Substation can be interconnected with the Paso Robles Substation. Although the Screening Report identifies three possible routes for interconnection between Templeton and Paso Robles, this particular route is supported by San Antonio because it is shorter and appears to utilize already routes and power lines and will simply seek to convert them from a single circuit to a double circuit. Importantly, this alternative would improve aesthetics, reduce air emissions and GHG emissions, reduce traffic impacts and noise impacts.

San Antonio would appreciate your consideration of the above additional comments and concerns as an **addendum** to its prior response letter and looks forward to working with you in the review process. If you have any questions or would like to discuss further, please contact me at (805) 238-2300 or abowman@ammcglaw.com

Sincerely,

ADAMSKI MOROSKI MADDEN
CUMBERLAND & GREEN LLP

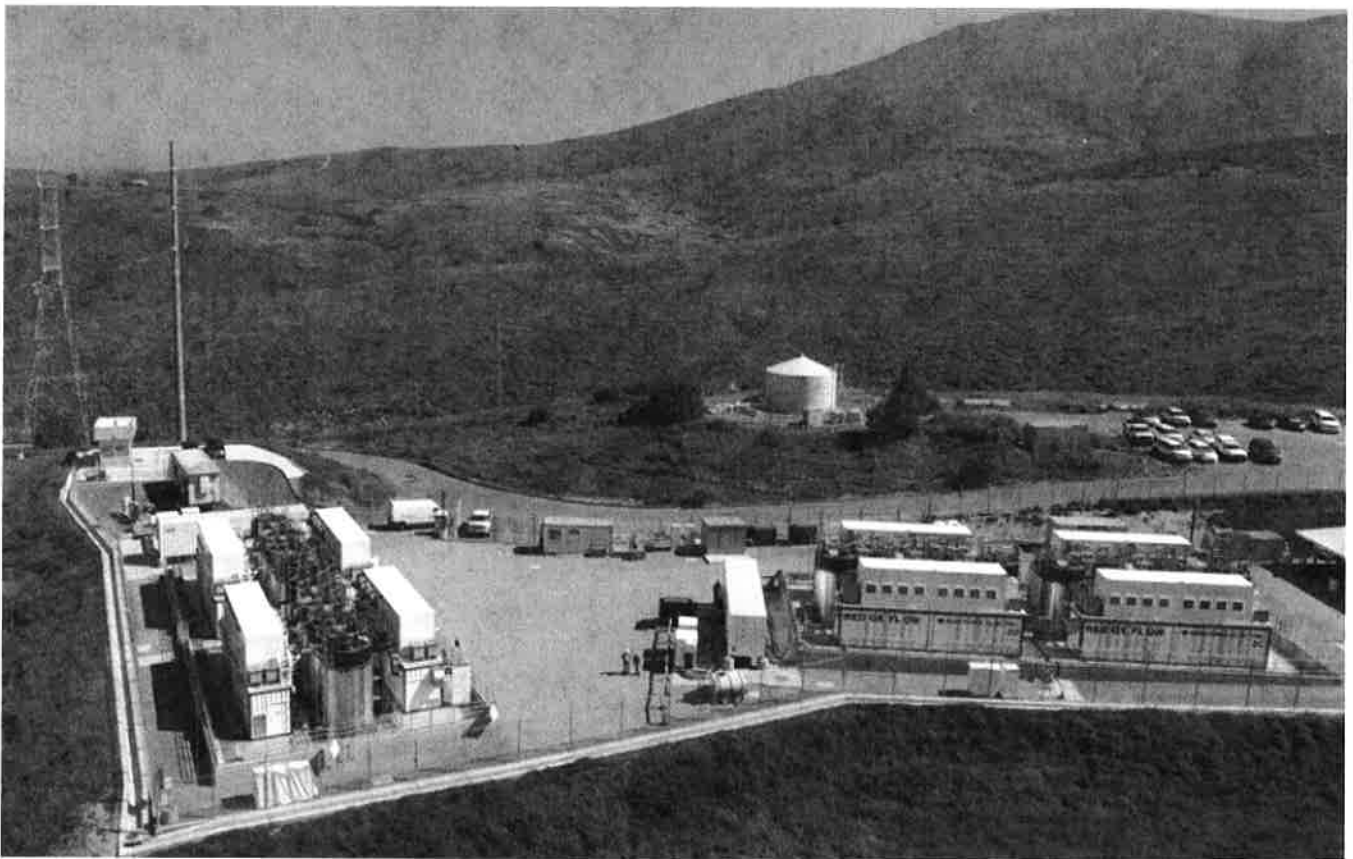


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ENERGY

New battery storage technology connected to California power grid



San Diego Gas & Electric's vanadium redox battery storage pilot project (right) at the Miguel substation in Bonita. Photo by SDG&E

A pilot project from SDG&E looks to help integrate renewables

By ROB NIKOLEWSKI

MAY 6, 2019
7 AM

The California Independent System Operator, the nonprofit that maintains reliability for the bulk of the state's power grid — has become one of the first wholesale power markets to connect an innovative battery storage technology to its system.

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Located at the Miguel substation in Bonita, a flow battery system installed by San Diego Gas & Electric has undergone testing and fine-tuning as part of a four-year pilot project to develop storage technologies aimed at integrating more renewable energy sources into California's grid.

"After years of preparation and testing, the flow battery is now in our market," Peter Klauer, an adviser for power systems development at the Independent System Operator, known as the ISO for short, said in a statement. "With this technology, we are navigating the future of electrical storage."

The SDG&E flow battery storage system will provide 2 megawatts and 8 megawatt-hours of energy, enough to power about 1,000 homes for up to four hours.

SDG&E is working in coordination with Sumitomo Electric of Japan on the pilot program that uses what is called "vanadium redox" battery systems that may last longer and suffer less degradation than other types of batteries, such as lithium-ion. Flow batteries may also prove easier to scale and end up being more cost-effective.

With California policymakers increasing the state's goals and mandates for renewable energy and last year setting a target for the state to derive 100 percent of its electricity from zero-carbon resources by 2045, storage has taken on a more urgent role in maintaining future grid reliability.

For example, solar production in California is plentiful during the day when the sun is out but plummets when the sun sets. When there is an oversupply of solar during the day, grid managers at the ISO sometimes have to curtail solar generation. Alternately, they have to rely on sources such as natural gas plants to fill needs in the evening.

With storage, captured solar energy produced during the day could be deployed later, smoothing out the fluctuations between supply and demand.



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Klauer said the demonstration project is testing ways that flow batteries can prove most profitable in the many scenarios posed in the energy trading market, such as specific hours and seasons.

The project is also part of a partnership between the California Governor's Office of Business and Economic Development, known as GO-Biz, and Japan's New Energy and Industrial Technology Development Organization, or NEDO.

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