



SE Lift Station #1

Location: [14938 Burns Valley Rd, Clearlake, CA 95422, US](#)

Anticipated Battery Specifications:

Product Value	\$629,334
SGIP Eligible Costs	\$910,380
# of Powerpacks	4
kW	210
kWh	928

Site Progress:

- This project is currently in Electrical Engineering Deployment Review

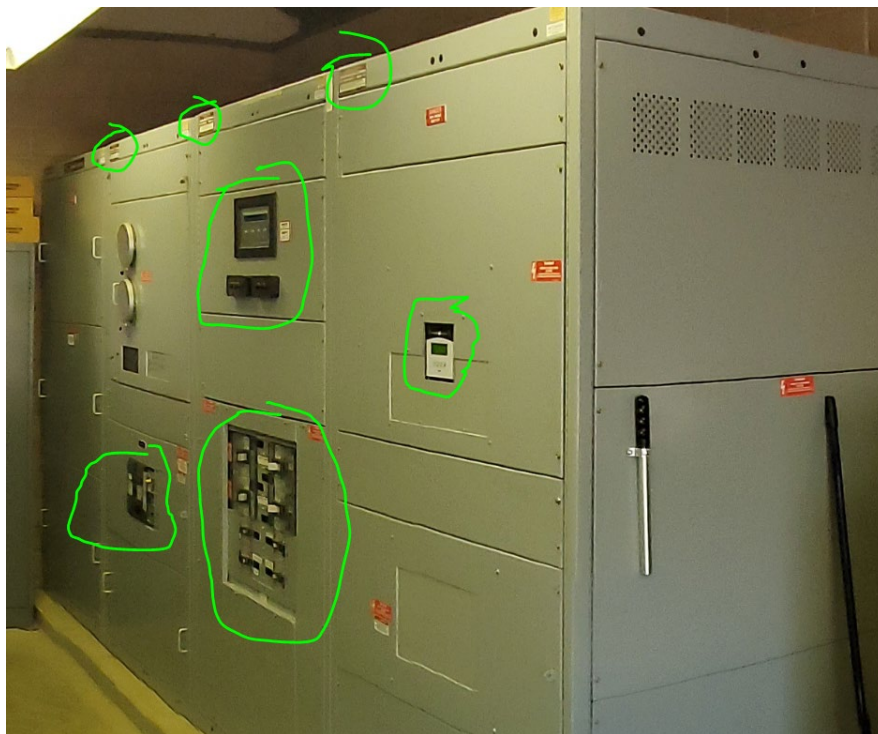
Outstanding Engineering Requests:

"Hey Brian,

The photo is inconclusive since I've seen that same photo in different project folders.

We need photos of these placards, breakers, and devices.

Additionally, if they could indicate where the ATS is, that would be helpful. Ideally, we want it to be downstream of where we are connecting our storage system. "



SE Lift Station #2



Location: [14082 Lakeshore Drive, Clearlake, CA 95422, US](#)

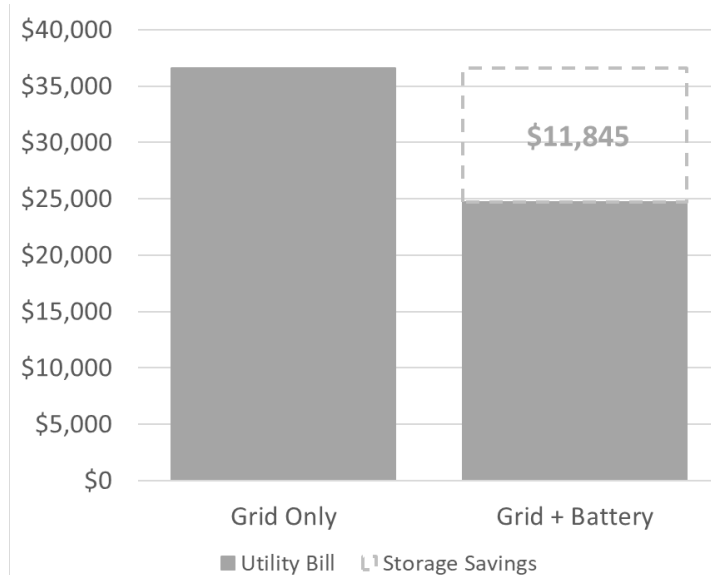
Proposed Battery Specifications:

Product Value	\$511,987
SGIP Eligible Costs	\$736,048
# of Powerpacks	3
kW	140
kWh	696

Proposal Presented:

Battery Energy Storage System Savings

Estimated Annual Electricity Savings



Estimated Long Term Electricity Savings

10 Year Value	\$126,716
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20 Year Value	\$273,630
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NW Lift Station #1



Location: [76 Lafferty Rd, Lakeport, CA 95453, US](#)

Anticipated Battery Specifications:

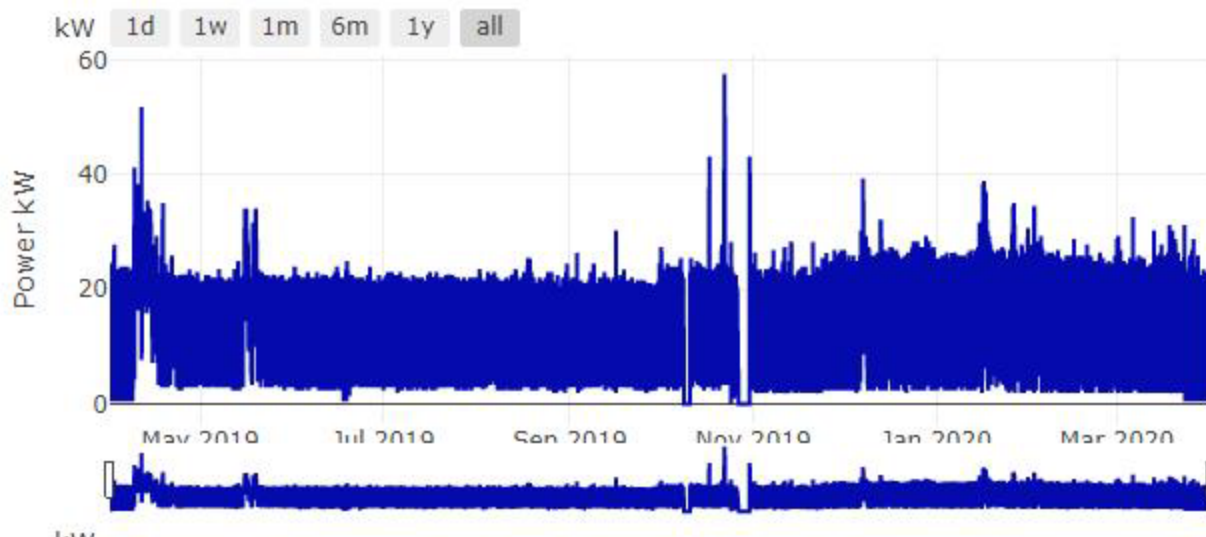
Product Value	\$388,899
SGIP Eligible Costs	\$555,975
# of Powerpacks	2
kW	116
kWh	464

Site Progress:

- This site has been preliminarily cleared:
 - Electrical Engineering Deployment Review
 - Land Use Review
- This project is currently in:
 - Sales Engineering for Performance & Savings Modeling
 - Utility Administration SGIP ER Confirmation Review

Site Qualification Issue:

- Minimum site annual peak load for Tesla Powerpack is 60 kW
- Site peak load of 126 kW occurred in 2019
- Updated program guidance requires qualifying peak load to have occurred with the previous 12 months.
- NW Lift Station's most recent 12 month peak load is 57.6 kW on 10/22/19 @ 12:15 PM



NW Lift Station #2



Location: [2325 Lakeshore Blvd, Nice, CA 95464, US](#)

Anticipated Battery Specifications:

Product Value	\$629,334
SGIP Eligible Costs	\$910,380
# of Powerpacks	4
kW	210
kWh	928

Site Progress:

- This site has been preliminarily cleared:
 - Electrical Engineering Deployment Review
 - Land Use Review
- This project is currently in Sales Engineering for Performance & Savings Modeling

Engineering Site Notes:

- METER NO: 1009506808
- SWBD MFR: Cutler-Hammer Pow-R-Line MDL 50K - CAT: MDL3800F
- SERVICE VOLTAGE: 480Y/277V
- BUS AMPS: 800
- MCB AMPS: 800
- MCB ADJUSTMENT: electronic
- PROPOSED MCB TRIP: 600
- REMAINING MCB AMPS: 408
- MAX DG KW: 233.1
- **Notes:**
 - Main breaker will require to be downsized to 600A to fit proposed storage system. Main breaker is plug based trip setting. Existing loads do not exceed 250A of main breaker OCPD.
 - Space will be limiting factor, as well as existing UG utilities. Bollards likely required.
 - Generator onsite. Based on customers hand sketched single line diagram and available photos, the generator appears to be downstream of proposed point of interconnection.

North Lakeport Water Treatment Plant



Location: [55 Worley Dr, Lakeport, CA 95453, US](#)

Anticipated Battery Specifications:

Product Value	\$511,987
SGIP Eligible Costs	\$736,048
# of Powerpacks	3
kW	140
kWh	696

Site Progress:

- This project is currently in Electrical Engineering Deployment Review
- Additional details may be required

Northwest Regional WWTP



Location: [1155 Whalen Way, Lakeport, CA 95453, US](#)

Anticipated Battery Specifications:

1010390842 – E19S

Sewer Pump

Product Value	\$1,725,443
SGIP Eligible Costs	\$2,399,012
# of Powerpacks	13
kW	580
kWh	3,016

1010394416 – A 6XP/NEMEXPM

Solar PV

Product Value	\$1,487,983
SGIP Eligible Costs	\$2,102,541
# of Powerpacks	11
kW	464
kWh	2,552

Site Progress:

- This project is currently in Electrical Engineering Deployment Review

Outstanding Engineering Requests:

- This site has two addressable meters on site:
 - 1010390842 – E19S – Sewer Pump
 - 1010394416 – A 6XP/NEMEXPM – Solar PV
- Engineering requires more detailed site information & layout photos
 - Existing solar installation
 - PV system specifications/plan sets
 - PV generation data, preferably 15-minute or hourly for the past 12 months
 - Meter photos
 - Progressive layout photos of the site demarcating meter and switchgear locations.

Southeast Regional WWTP



Location: [2485 Old Highway 53, Clearlake, CA 95422, US](#)

Anticipated Battery Specifications:

Product Value	\$866,796
SGIP Eligible Costs	\$1,261,812
# of Powerpacks	6
kW	280
kWh	1,392

Site Progress:

- This project is currently in Electrical Engineering Deployment Review

Outstanding Engineering Requests:

- This site has 2 meters on site – 1 is currently load qualified, 1 is not:
 - Peak Annual Load Qualified
 - 1010002043 – A 10SX/NEMEXPM – Solar PV
 - Peak Annual Load Unqualified
 - 1010117470 - E19S - Lower Electrical Room
 - Annual max demand currently measured at 54.4 kW; 60 kW required
- Engineering requires more detailed site information & layout photos
 - Existing solar installation
 - PV system specifications/plan sets
 - PV generation data, preferably 15-minute or hourly for the past 12 months
 - Meter photos
 - Progressive layout photos of the site demarcating meter and switchgear locations.

Kelseyville WWTP



Location: [4395 Gaddy Ln, Kelseyville, CA 95451, US](#)

Anticipated Battery Specifications:

Product Value	\$629,334
SGIP Eligible Costs	\$910,380
# of Powerpacks	4
kW	210
kWh	928

Site Progress:

- This project is currently in Electrical Engineering Deployment Review

Outstanding Engineering Requests:

- This site has 4 meters on site – 1 is currently load qualified, 3 are not load qualified:
 - Peak Annual Load Qualified
 - 1009483293 – E19S – Solar PV
- Engineering requires more detailed site information & layout photos
 - Existing solar installation
 - PV system specifications/plan sets
 - PV generation data, preferably 15-minute or hourly for the past 12 months
 - Monthly production has been provided, however an assumptive production curve is the best modelling can provide

Spring Valley WTP



Location: [2850 Wolf Creek Rd, Clearlake Oaks, CA 95423, US](#)

Anticipated Battery Specifications:

Product Value	\$511,987
SGIP Eligible Costs	\$736,048
# of Powerpacks	3
kW	140
kWh	696

Site Progress:

- This project is currently in Electrical Engineering Deployment Review

Outstanding Engineering Requests:

- This site has 3 meters on site – 1 is currently load qualified, 2 are not load qualified:
 - Peak Annual Load Qualified
 - 1006718473 – A10SX
- Engineering requires more detailed site information & layout photos
 - More detailed photos of the sites' electrical configuration
 - No photos of the main switchgear have been provided