



TECHNICAL ASSISTANCE REQUEST

Request 1: Apply Machine learning to our daily kWh estimates

We are collecting data from many sources including solar arrays, satellite images, historical weather, etc. As our dataset for individual sites grows richer over time, our ability to understand the nuances of the particular site will inform our estimates. For example: Based on our data, there are no malfunctioning parts in a given array and it's producing as it should, but starting every September shade creeps into the array and affects production. Knowing this, our system can begin to accommodate for the discrepancy and adjust the estimates accordingly. Also some sites have slight variations in installation that make estimates not line up exactly. We want to see the certain weather patterns that correspond with certain production outputs and apply those factors moving forward. Currently our estimates are close, but have slight variation we are trying to solve for. See Exhibit A below.

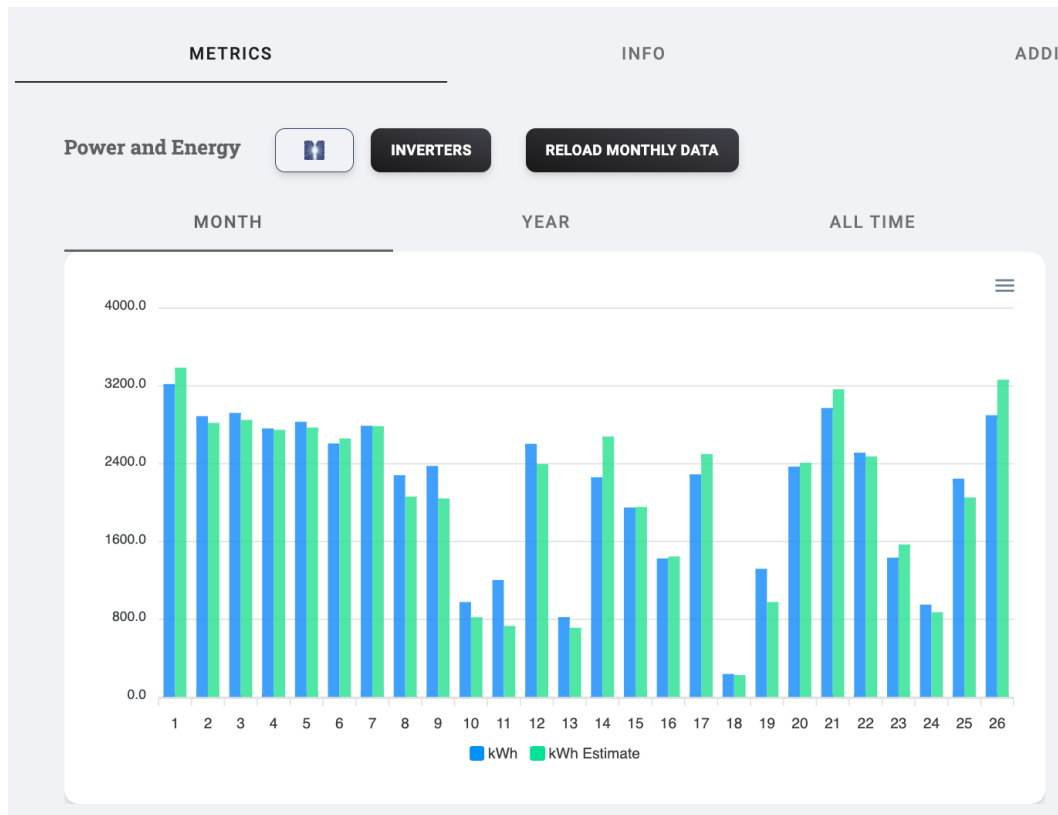


Exhibit A

Request 2: Apply predictive analytics to the data to determine specific faults

Each inverter has large list of fault codes. A database of these codes would be hugely helpful in order to sort problems by type of fault. This will provide a more thorough remote troubleshooting experience. We also want to use the data in advance of any error to predict the fault before it happens, such as high capacitor temperatures, or production with a certain pattern out of range.

Exhibit B: Possible Loose Connection

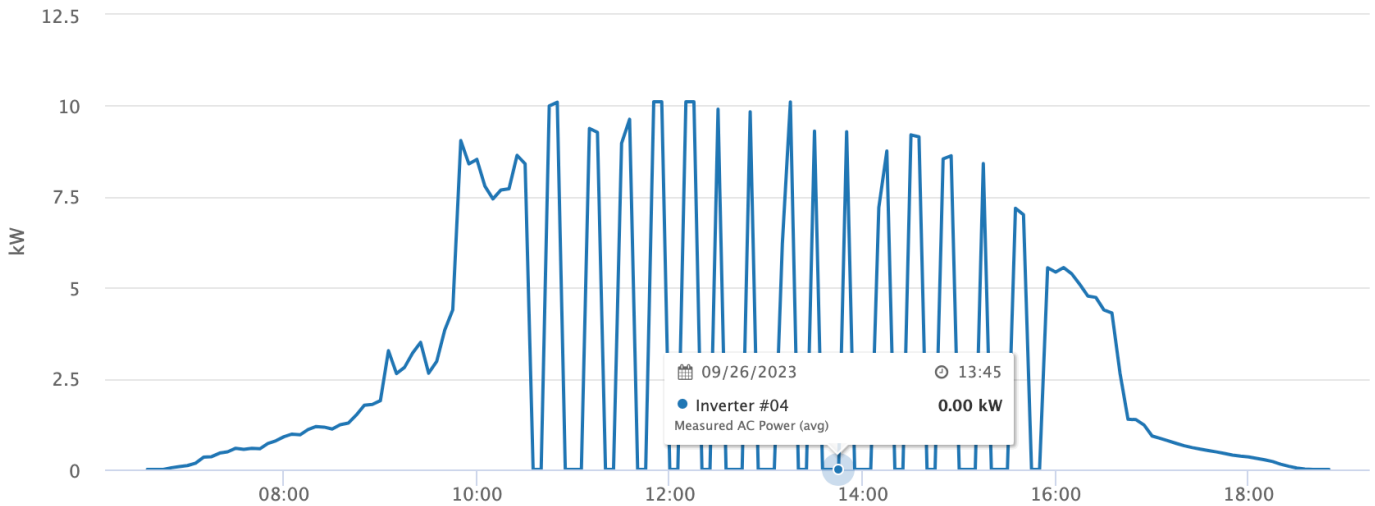


Exhibit C: Example of SolarEdge Fault Codes

<input type="checkbox"/>	IMPACT	SITE NAME	ALERT TYPE	COMPONENT	PEAK POWER [KWP]
<input type="checkbox"/>	7	Fairgrounds Middle Scho...	No string communication	Panel 1.0.604	660
<input type="checkbox"/>	7	Keene Mini Storage	Inverter production issue...	Inverter 2 (Unit 2.1)	114.4
<input type="checkbox"/>	7	Keene Mini Storage	Grid voltage	Inverter 2 (Unit 2.1)	114.4
<input type="checkbox"/>	6	Cas Cad Nac Farm	No string communication	String 7.0	112.7
<input type="checkbox"/>	6	Radio Kingston - Office	Inverter production issue...	Inverter 2	24.42
<input type="checkbox"/>	6	Wilklow Pulliam	DC Isolation	Inverter 1	9.12
<input type="checkbox"/>	6	Mayer PV	Residual current device	Inverter 1	9.9