

Anne Cook

From: Jason Traylor <jasontraylor@gmail.com>
Sent: Wednesday, August 27, 2025 11:34 AM
To: scottplatter@coquilleiha.org; Anne Cook
Subject: Re: CIHA Power Bills

Scott,

As discussed on the phone my attempt to build a spreadsheet and great graphical representation failed. In an attempt not to delay this analysis for you any longer I've given it my best effort with the time available. Due to the multiple meters and bills, this was a complicated one.

The analysis below will be fairly indicative of future performance and billing, even though the system turned on late in the credit billing cycle for Pacific Power, in June of 2024.

801 Miluk: Primary Meter: Bill from May through January should be completely zero'd out by solar production. This previous year it started in June due turning system on late. Bill from February through April should be reduced significantly. 2023 consumed 20,600 KWH's, 2025 consumed 5,500 KWH. Net offset of approx. 15,100 KWHs assuming same building utilization as 2023.

2678 both meters: Same as above. Bills of zero May through January. Then historically normal bills during the months of Feb, Mar, Apr.. These are sub metered for the credit in the billing system. Since the system is not producing enough to off-set completely the meter on 801 Miluk there is none to credit.

Overall it appears their metering and accounting system for credits is accounting for all of the production appropriately.

Of note: System was conservatively expected to produce approx 82,000 KWH and last year we produced approximately 97,000 KWH. Sadly or luckily, we did not get to test the system with a power failure. I'm sure the opportunity will present itself one of these winters. In addition the demand charges on those electric heaters are eating your lunch as you can see by the high fees on your bill associated with those. There are ways to deal with that through inverter programming, and I'm going to see if we can adjust some settings to help but truthfully I think the loads and times of use are more than the batteries and system can meaningfully assist with.

On Thu, Jul 31, 2025 at 2:53 PM Jason Traylor <jasontraylor@gmail.com> wrote:

Got it!

I'll dive into this early next week.

On Thu, Jul 31, 2025 at 1:55 PM <scottplatter@coquilleiha.org> wrote:

Hi Jason,

Here are the power bills for the last 2yrs, I also included the graph of CIHA's account on Pacific Power's website with what it looks like we are creating for power. The scan for 2678 mexeye is missing February, March

and April, Pacific Power wasn't sending us billings at that time while we were trying to get the system turned on. If you need anything else from me please let me know.

Thank you again for taking a look at this.

Scott Platter

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