FILED
05/19/26
04:59 PM
C2605031

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Andrea Slade, Complainant, vs. **Pacific Gas and Electric Company (U39E),** Defendant.	**(ECP)** Case (C.) _____

Expedited Complaint
(Rule 4.6)

COMPLAINANT	DEFENDANT
Andrea Slade **10245 State Highway 99w** **Red Bluff CA 96080** **T: (530)736-6620** **E-mail: abslade85@gmail.com**	**Pacific Gas and Electric Company (U39E)** **Attn: Cliff Gleicher, Managing Counsel** **300 Lakeside Drive** **Oakland CA 94612** **T1: 415-971-2678** **E-mail 1: Cliff.Gleicher@pge.com** **E-mail 2: pgetariffs@pge.com**

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

(A)

Andrea Slade

COMPLAINANT(S)

vs.

(B)

Pacific Gas and Electric Company (PG&E)

DEFENDANT(S)
(Include Utility "U-Number," if known)

(for Commission use only)

(C)

Have you tried to resolve this matter informally with the Commission's Consumer Affairs staff?
☒ YES ☐ NO

Has staff responded to your complaint?
☐ YES ☒ NO

Did you appeal to the Consumer Affairs Manager?
☐ YES ☒ NO

Do you have money on deposit with the Commission?
☐ YES ☒ NO
Amount $_____

Is your service now disconnected?
☐ YES ☒ NO

COMPLAINT

(D)

The complaint of (Provide name, address and phone number for each complainant)

Name of Complainant(s)	Address	Daytime Phone Number
Andrea Slade	**10245 State Highway 99W Red Bluff CA 96080**	**(530)736-6620**

respectfully shows that:

(E)

Defendant(s) (Provide name, address and phone number for each defendant)

Name of Defendant(s)	Address	Daytime Phone Number
Pacific Gas and Electric Company	**77 Beale Street, San Francisco, CA 94105**	**1 (877) 660-6789**

(F)
Explain fully and clearly the details of your complaint. (Attach additional pages if necessary and any supporting documentation)

Attached.

(G) Scoping Memo Information (Rule 4.2[a])

(1) The proposed category for the Complaint is (check one):
☒ adjudicatory (most complaints are adjudicatory unless they challenge the reasonableness of rates)
☐ ratesetting (check this box if your complaint challenges the reasonableness of rates pursuant to Rule 4.1(b))

(2) Are hearings needed (are there facts in dispute)? ☒ YES ☐ NO

(3) ☒ Regular Complaint ☐ Expedited Complaint (Rule 4.6)

(4) The issues to be considered are
(Example: The utility should refund the overbilled amount of $78.00):

1. Inaccurate billing and solar export accounting;
2. improper denial of export credits and/or true-up adjustments;
3. downstream electrical damage involving the solar breaker and related service equipment;
4. failure to produce records necessary to independently verify PG&E's conclusions;
5. improper disconnection and collection activity during an active billing dispute; and
6. violations of Electric Rules 11, 17, 18, and 21.

(5) The proposed schedule for resolving the complaint within 12 months (if categorized as adjudicatory) or 18 months (if categorized as ratesetting) is as follows:

Prehearing Conference: Approximately 30 to 40 days from the date of filing of the Complaint.
Hearing: Approximately 50 to 70 days from the date of filing of the Complaint.

Prehearing Conference (Example: 6/1/09): **6/22/2026**
Hearing (Example: 7/1/09): **7/20/2026**

Explain here if you propose a schedule different from the above guidelines.

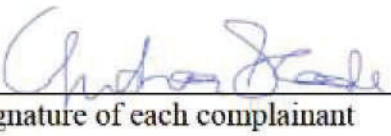
(H)
Wherefore, complainant(s) request(s) an order: State clearly the exact relief desired. (Attach additional pages if necessary)

Attached.

(I)
OPTIONAL: I/we would like to receive the answer and other filings of the defendant(s) and information and notices from the Commission by electronic mail (e-mail). My/our e-mail address(es) is/are:

Abslade85@gmail.com

(J)
Dated **Red Bluff** (City), California, this **18** (date) day of **May** (month), **2026** (year)



Signature of each complainant

(MUST ALSO SIGN VERIFICATION AND PRIVACY NOTICE)

(K)

REPRESENTATIVE'S INFORMATION:
Provide name, address, telephone number, e-mail address (if consents to notifications by e-mail), and signature of representative, if any.

Name of Representative: _____

Address: _____

Telephone Number: _____

E-mail: _____

Signature: _____

VERIFICATION
(For Individual or Partnerships)

I am (one of) the complainant(s) in the above-entitled matter; the statements in the foregoing document are true of my knowledge, except as to matters which are therein stated on information and belief, and as to those matters, I believe them to be true.

I declare under penalty of perjury that the foregoing is true and correct.

(L)
Executed on **5/18/26** (date), at **Red Bluff** (City), California

(Complainant Signature)

VERIFICATION
(For a Corporation)

I am an officer of the complaining corporation herein, and am authorized to make this verification on its behalf. The statements in the foregoing document are true of my own knowledge, except as to the matters which are therein stated on information and belief, and as to those matters, I believe them to be true.

I declare under penalty of perjury that the foregoing is true and correct.

(M)
Executed on _____ (date), at _____ (City), California

_____ _____
Signature of Officer Title

(N) NUMBER OF COPIES NEEDED FOR FILING:
If you are filing your formal complaint on paper, then submit one (1) original, six (6) copies, plus one (1) copy for each named defendant. For example, if your formal complaint has one (1) defendant, then you must submit a total of eight (8) copies.

If you are filing your formal complaint electronically (visit http://www.cpuc.ca.gov/PUC/efiling for additional details), then you are not required to mail paper copies.

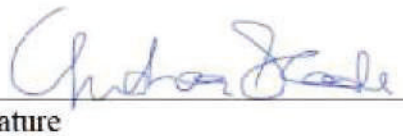
(O) Mail paper copies to: California Public Utilities Commission
Attn: Docket Office
505 Van Ness Avenue, Room 2001
San Francisco, CA 94102

PRIVACY NOTICE

This message is to inform you that the Docket Office of the California Public Utilities Commission ("CPUC") intends to file the above-referenced Formal Complaint electronically instead of in paper form as it was submitted.

Please Note: Whether or not your Formal Complaint is filed in paper form or electronically, Formal Complaints filed with the CPUC become a **public record** and may be posted on the CPUC's website. Therefore, any information you provide in the Formal Complaint, including, but not limited to, your name, address, city, state, zip code, telephone number, E-mail address and the facts of your case may be available online for later public viewing.

Having been so advised, the Undersigned hereby consents to the filing of the referenced complaint.



Signature

5/18/2026

Date

Andrea Slade

Print your name

Section F – Explanation of Complaint

My complaint concerns an unresolved billing dispute with Pacific Gas & Electric Company (PG&E) involving a failed/degraded electric meter display, water/moisture intrusion at the meter enclosure, solar/export billing irregularities (including a complete Enphase-to-PG&E grid export handshake failure), missing telemetry/export data, and improper disconnection/collection activity while the dispute remained unresolved.

I first documented my billing concern with PG&E on October 20, 2025, alongside a representative from my solar installer (North State Solar Energy), under PG&E Record #2363062506, after discovering sustained zero-export readings despite continued solar production. On the same day I provided my solar installer with a detailed reconciliation showing **9.3 MWh of unrecorded export** (Exhibit B).

PG&E removed and replaced the meter on October 27, 2025. In their own written response dated December 3, 2025 (Lynn Flavin), PG&E admitted the meter display was degraded/dim (the only reason it "failed" their test), acknowledged signs of water/moisture damage inside the meter itself, and confirmed moisture was present in the breaker box during inspection. PG&E nevertheless concluded the meter tested accurately and all billing was correct. I dispute that conclusion.

Independent analysis supports the conclusion that the root cause was an **Enphase-to-PG&E grid export handshake failure** caused by a cracked solar breaker that introduced electrical noise, compromising telemetry and cloud upload for six months beginning August 9, 2025 (Exhibit A – Technical Diagram). Side-by-side production comparisons on comparable dates and weather conditions, plus the full raw daily dataset, show the PG&E meter recorded substantial export in 2024 but **zero or near-zero export** in 2025 despite normal or better solar conditions (Exhibits D and E).

My solar installer's technician, who repaired the damaged breaker on November 4, 2025, documented signs of **previous water entry** into the main service panel but confirmed **no active moisture** during and after rainfall — after the PG&E meter had already been replaced — and confirmed the weatherhead was not leaking (Exhibit C – North State Solar Energy correspondence). To date since the meter was replaced there have been no signs of water intrusion.

PG&E has never produced the records necessary to verify its conclusion, despite my repeated written demands (including the December 8, 2025 "Required Documentation Status" table). The missing records include complete interval data, lifetime/register history for the defective meter (#1008225856), meter removal/install readings, chain-of-custody and condition reports, DER/Rule 21 anomaly detection logs, PTO/register records, and any data related to the August 9, 2025 telemetry reset.

I also dispute the handling of the informal CAB process (File #707473). The December 8, 2025 closure letter materially mischaracterized the scope of my complaint, incorrectly stated that I had "already filed a formal complaint" (which I had not), and adopted PG&E's representations without addressing the full issues raised. My December 15, 2025 objection to the administrative record and procedural characterization of the matter was subsequently treated as an informal appeal, which was denied on March 16, 2026. The CPUC's own internal case log for File #707473 (produced via CPRA and attached as **Exhibit F**) confirms the matter was closed "IN FAVOR OF UTILITY" while documenting my repeated objections and requests for records and shutoff protection.

PG&E continued disconnection threats and ultimately disconnected service, requiring me to enter a payment plan for disputed charges in order to restore service. Throughout this period, I repeatedly requested written clarification regarding Rule 11 dispute protections, hold/enforcement status, and the procedural status of the dispute, but continued to receive shutoff-related communications without clear written guidance or resolution. **Relief Requested** I respectfully request that the Commission:

1. Order immediate and complete production of all records listed above.
2. Direct an independent verification or re-testing of the original meter's accuracy and solar export accounting using the missing interval/lifetime data.
3. Require a full bill recalculation/reconciliation with appropriate credits/refunds for the 9.3 MWh (and any related true-up impacts).
4. Confirm that Electric Rules 11 and 17 prohibited collection or shutoff activity during this active dispute.
5. Grant any other remedies appropriate for the violations of Electric Rules 11, 17, 18, and 21.

Exhibits Attached (see attached additional pages):

- **Exhibit A**: Technical Diagram – Enphase-to-PG&E Grid Export Handshake Failure
- **Exhibit B**: Solar Production Reconciliation Table (9.3 MWh missing export)
- **Exhibit C**: North State Solar Energy email thread (Oct 20 – Dec 5, 2025)
- **Exhibit D**: SOLAR PRODUCTION BREAKDOWNS.pdf (working vs. broken side-by-side comparisons with weather data)
- **Exhibit E**: SOLAR PRODUCTION FULL.pdf (raw daily dataset 2023–2025)
- **Exhibit F**: CPRACPUC.pdf – CPUC Internal Case Log for Informal Complaint #707473 (CPRA production)
- **Exhibit G**: Exhibit G PG&E Telemetry
- **Exhibit H**: September 3 2025 Enphase LM Recording
- **Exhibit I**: Meter Photos September 3 2025
- **Exhibit J**: Primary Email Records up to May 5 2026

Section H

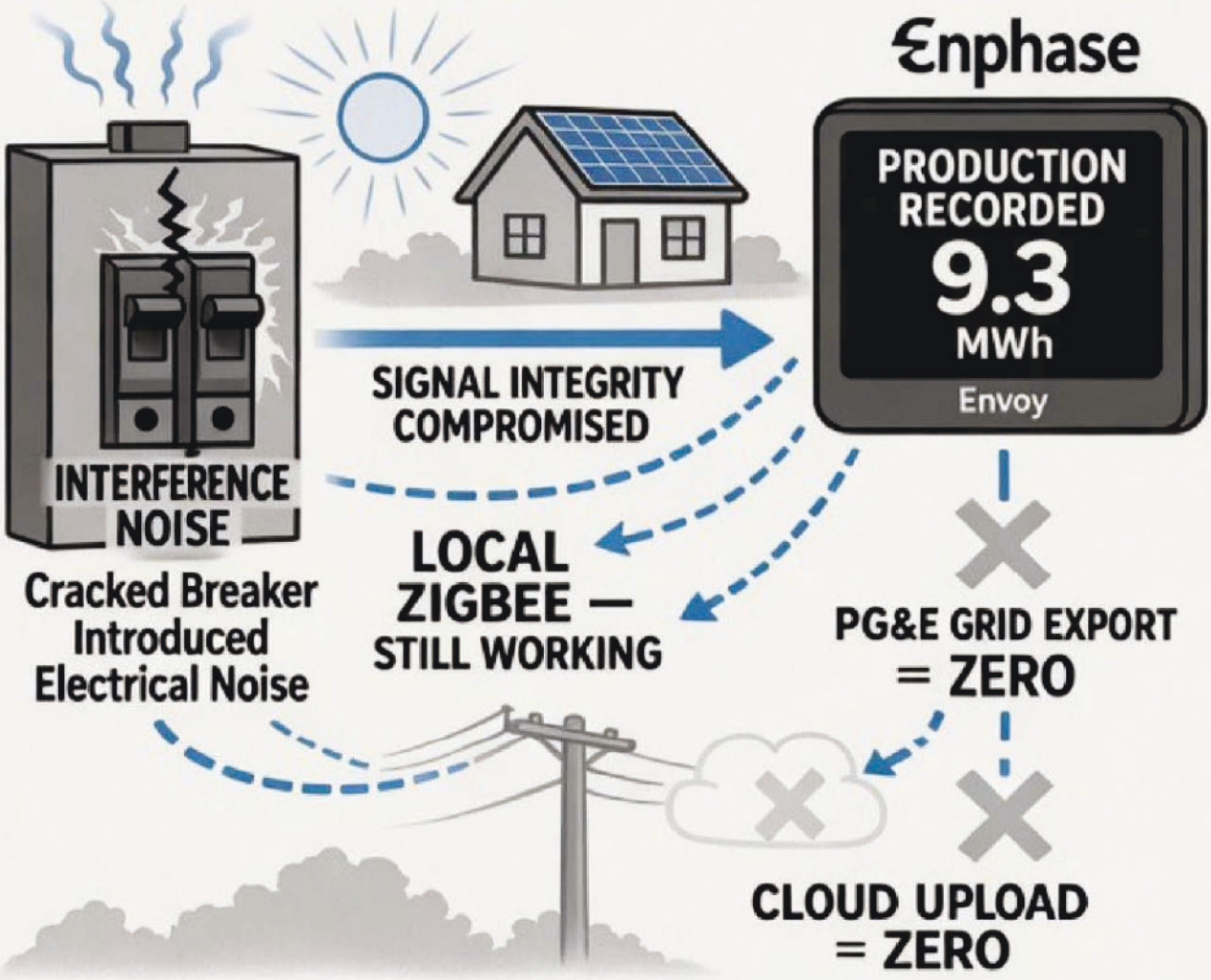
Complainant respectfully requests that the Commission:

1. Order PG&E to produce all requested records relating to meter #1008225856, including interval data, register history, removal/install readings, telemetry/export records, DER/Rule 21 records, and related condition/chain-of-custody documentation;
2. Direct an independent review and verification of PG&E's solar export accounting, meter accuracy conclusions, and disputed billing calculations;
3. Require recalculation and reconciliation of the disputed billing and true-up amounts, including all missing export credits and any related adjustments;
4. Determine whether PG&E's collection and disconnection activity complied with Electric Rules 11, 17, 18, and 21 during the active dispute period;
5. Determine whether the disputed meter/service condition caused or contributed to downstream electrical damage involving the solar breaker and related service equipment; and
6. Grant any additional relief the Commission deems just and proper within its authority.

Exhibit A: Technical Diagram - Enphase-to-PG&E Grid Export Handshake Failure

Technical Diagram: Enphase-to-PG&E Grid Export Handshake Failure

Root Cause Analysis — Cracked Breaker Introduced Electrical Noise, Causing Complete Telemetry and Cloud Upload Failure for Six Months



HANDSHAKE FAILURE — 6 MONTHS OF MISSING REVENUE & DATA

AUGUST 9, 2025 — SYSTEM-WIDE TELEMETRY RESET / RE-SYNCHRONIZATION
(Coinciding with PG&E Update Deployment)

Production continued locally… Export and reporting disappeared. Partial system failure contradicts a "no issue" explanation.

Exhibit B: Solar Production Reconciliation Table
(9.3 MWh missing export)

partial KWhs rounded down not up				
Time frame	**MWh**	**Historic**	**Same date range 2024 MWh**	**Same date range 2023 MWh**
Total YTD march (at the time of blackout)	45.8	**April**	2.1	2
Life time now (since counter reset presumably on 3/12/25 blackout start)	13.3	**May**	2.6	2.1
enphase now (app counter, doesn't note include the missing data as it doesn't know where it belongs)	49.8	**June**	2.4	2.2
Used from aug 9 to now (YTD in app minus the 2 prior to 6 month blackout event)	4	**July**	2.5	2.4
Actual total (Mar YTD plus envoy lifetime now - the 4 used since Aug 9th)	55.1	**August**	0.5	0.5
Missing (Actual minus - March YTD = back log unrecorded by meter between March 12 and aug 9th)	9.3	**Total**	10.1	9.2

Exhibit C: North State Solar Energy email thread
(Oct 20 - Dec 5, 2025)

Gmail Andrea Snyder <abslade85@gmail.com>

Andrea Slade solar Data

16 messages

Andrea Snyder <abslade85@gmail.com> Mon, Oct 20, 2025 at 3:34 PM
To: kelly northstatesolarenergy.com <kelly@northstatesolarenergy.com>

Hi Kelly,

Thanks again for your help today.

Please see the table below for the usage tallies I attached my screen shots of the Envoy new running total from Sept 3rd and today as well.

partial KWhs rounded down not up				
Time frame	**MWh**	**Historic**	**Same date range 2024 MWh**	**Same date range 2023 MWh**
Total YTD march (at the time of blackout)	45.8	**April**	2.1	2
Life time now (since counter reset presumably on 3/12/25 blackout start)	13.3	**May**	2.6	2.1
enphase now (app counter, doesn't note include the missing data as it doesn't know where it belongs)	49.8	**June**	2.4	2.2
Used from aug 9 to now (YTD in app minus the 2 prior to 6 month blackout event)	4	**July**	2.5	2.4
Actual total (Mar YTD plus envoy lifetime now - the 4 used since Aug 9th)	55.1	**August**	0.5	0.5
Missing (Actual minus - March YTD = back log unrecorded by meter between March 12 and aug 9th)	9.3	**Total**	10.1	9.2

Enphase sept 3rd.png

image.png

Andrea Slade

kelly northstatesolarenergy.com <kelly@northstatesolarenergy.com> Mon, Oct 20, 2025 at 3:39 PM
To: Andrea Snyder <abslade85@gmail.com>

Thank you! I will add to my notes.

Kelly Heizer
North State Solar Energy
530-893-4741

From: Andrea Snyder <abslade85@gmail.com>
Sent: Monday, October 20, 2025 3:34 PM
To: kelly northstatesolarenergy.com <kelly@northstatesolarenergy.com>
Subject: Andrea Slade solar Data

[Quoted text hidden]

Andrea Snyder <abslade85@gmail.com> Mon, Oct 27, 2025 at 9:53 AM
To: kelly northstatesolarenergy.com <kelly@northstatesolarenergy.com>

Andrea Slade
[Quoted text hidden]
IMG_9667.jpeg, IMG_9668.jpeg, IMG_9669.jpeg

Andrea Snyder <abslade85@gmail.com> Mon, Oct 27, 2025 at 9:57 AM
To: kelly northstatesolarenergy.com <kelly@northstatesolarenergy.com>

Andrea Slade
[Quoted text hidden]

Andrea Snyder <abslade85@gmail.com> Fri, Nov 14, 2025 at 9:30 AM
To: kelly northstatesolarenergy.com <kelly@northstatesolarenergy.com>

Hi Kelly,

Hope your day is going well.

Sorry to bother you. I received another shut off threat from PG&E this morning and wanted to check in with you on the report.

Thank you,
Andrea Slade
[Quoted text hidden]

Andrea Snyder <abslade85@gmail.com> Thu, Nov 20, 2025 at 12:42 PM
To: kelly northstatesolarenergy.com <kelly@northstatesolarenergy.com>

Hi Kelly,

Just following up on my previous request.

Andrea Slade
[Quoted text hidden]

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kelly northstatesolarenergy.com <kelly@northstatesolarenergy.com> Thu, Nov 20, 2025 at 12:45 PM
To: Andrea Snyder <abslade85@gmail.com>

Hello,
Sorry about the delay I was gone the last part of last week and Michael just got back to me.
I will only be able to share the photos we took at the site with you.

Kelly Heizer
North State Solar Energy
530-893-4741

From: Andrea Snyder <abslade85@gmail.com>
Sent: Thursday, November 20, 2025 12:42 PM
To: kelly northstatesolarenergy.com <kelly@northstatesolarenergy.com>
Subject: Re: Andrea Slade solar Data

[Quoted text hidden]

Andrea Snyder <abslade85@gmail.com> Thu, Nov 20, 2025 at 1:57 PM
To: kelly northstatesolarenergy.com <kelly@northstatesolarenergy.com>
Cc: Lori Slade <lorislade4@gmail.com>

Hi Kelly,

I'm following up regarding the outstanding documentation related to my system evaluation and the PG&E-related issues. This situation has now become urgent, as PG&E has scheduled a service shutoff for today/tomorrow, I need to ensure that my records are complete and accurate. I have two small children in my home, and this information directly affects our safety and continuity of service.

To ensure accuracy in my records and avoid any misunderstandings later, I want to restate what was previously communicated to me:

1. Technician Report (November 4)

- On November 4th, a technician from your company visited my home to repair the damaged breaker and perform an inspection. He stated verbally that I

would be provided with a copy of his report, including his observation that there was no water or moisture present in my breaker box at that time.

- During our call last week, you read portions of the technician's report to me and advised that screenshots of the written documentation would be sent that same day. I did not receive that follow-up.
- Clarification of statements: When the technician was on-site, he stated directly to me that he observed that there was no moisture/water present at that time. However, when the written report was read back to me last week, the same statement was framed as though I had reported the absence of moisture rather than him. I am including this now so that if the matter escalates, there is no uncertainty regarding what was communicated and by whom.
- Weatherhead inspection: The technician also used my ladder to access the weatherhead on the roof and confirmed to me that it was not leaking and was not the source of the moisture observed by PG&E. I'm including this here for completeness, as well.
- In your most recent message, it sounds like this report may not be provided after all. Could you please confirm whether that is the case? If so, may I ask the reason?

2. Representation During the PG&E Call (October 20)

- You were on the line with me when I contacted PG&E regarding the meter anomaly and the ongoing investigation.
- During our call last week, you mentioned you would also include your witness to that conversation.
- I am noting this simply to preserve the timeline and to confirm what information was shared with PG&E during that call.

3. June/July Technician Visit

- As I previously mentioned, a technician from your company was on my property in late June or early July during the export outage period.
- You noted that there were no corresponding notes in your system and said you would speak with the technician to clarify the purpose of that visit and update me. I have not yet received that follow-up.
- Any details related to that visit (reason for dispatch, observations, or findings) would be very helpful for my documentation.

4. Moisture vs. No Moisture Findings

- The PG&E technician documented moisture inside the breaker box during rainfall on the day the meter was removed.
- Your technician later observed water damage and no moisture present, also during and after rainfall, this was after the PG&E meter had been replaced.
- If possible, written confirmation of your technician's observations would help ensure documentation is complete and consistent across all parties.

I fully understand how busy things get, I appreciate your assistance in resolving this promptly, as accurate documentation is critical while I work with PG&E to correct their error.

Please let me know if you need anything further from me and thank you again for your time and assistance.

Thank you,

Andrea Slade

[Quoted text hidden]

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kelly northstatesolarenergy.com <kelly@northstatesolarenergy.com> Thu, Nov 20, 2025 at 2:12 PM
To: Andrea Snyder <abslade85@gmail.com>
Cc: Lori Slade <lorislade4@gmail.com>

Hello,
I have sent this email over to Michael for review.

Kelly Heizer
North State Solar Energy
530-893-4741

From: Andrea Snyder <abslade85@gmail.com>
Sent: Thursday, November 20, 2025 1:57 PM
To: kelly northstatesolarenergy.com <kelly@northstatesolarenergy.com>
Cc: Lori Slade <lorislade4@gmail.com>
[Quoted text hidden]

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kelly northstatesolarenergy.com <kelly@northstatesolarenergy.com> Thu, Nov 20, 2025 at 3:07 PM
To: Andrea Snyder <abslade85@gmail.com>
Cc: Lori Slade <lorislade4@gmail.com>, Mike ATT <mblackngreen@att.net>, sheri northstatesolarenergy.com <sheri@northstatesolarenergy.com>

Andrea,
I would suggest calling PGE today regarding this billing hold. They should not be sending you disconnect notices inside of the 3 months. I am wondering if the PGE system deleted or closed the billing case when the new meter was installed?

Kelly Heizer
North State Solar Energy
530-893-4741

From: Andrea Snyder <abslade85@gmail.com>

Sent: Thursday, November 20, 2025 1:57 PM
To: kelly northstatesolarenergy.com <kelly@northstatesolarenergy.com>
Cc: Lori Slade <lorislade4@gmail.com>
[Quoted text hidden]

Andrea Snyder <abslade85@gmail.com> Thu, Nov 20, 2025 at 4:20 PM
To: kelly northstatesolarenergy.com <kelly@northstatesolarenergy.com>
Cc: Lori Slade <lorislade4@gmail.com>, Mike ATT <mblackngreen@att.net>, sheri northstatesolarenergy.com <sheri@northstatesolarenergy.com>

Hi Kelly,

Thank you for your message, I appreciate it. I've reached out to PG&E regarding the disconnect notice and included the CPUC Consumer Affairs Branch so the issue is documented on their end as well.

I don't expect PG&E to proceed with a disconnect given the circumstances, but I want to make sure I'm fully prepared in the event that they do.

Thank you again,

Andrea Slade
[Quoted text hidden]

Andrea Snyder <abslade85@gmail.com> Thu, Dec 4, 2025 at 8:41 AM
To: kelly northstatesolarenergy.com <kelly@northstatesolarenergy.com>
Cc: Lori Slade <lorislade4@gmail.com>, Mike ATT <mblackngreen@att.net>, sheri northstatesolarenergy.com <sheri@northstatesolarenergy.com>

Hello Mike, Kelly, Sheri

I did receive your calls, thank you. After reviewing the situation, I believe it's best, that all communication remains documented in writing.

Over the past several months, I have provided every observation and piece of information requested of me, and I have been patient while awaiting follow-ups. However, despite multiple assurances, I have not received a single complete written response to any of the outstanding questions or promised documentation.

Given the seriousness of the situation , including threats of service disconnection to my home, I must now prioritize protecting myself and my family.

Thank you for your cooperation. I do sincerely apologize if this causes inconvenience.

I look forward to your written follow-up with the outstanding information previously requested.

Respectfully,

Andrea Slade
[Quoted text hidden]

Mike Houar <mblackngreen@att.net> Thu, Dec 4, 2025 at 9:52 AM
To: kelly northstatesolarenergy.com <kelly@northstatesolarenergy.com>, Andrea Snyder <abslade85@gmail.com>
Cc: Lori Slade <lorislade4@gmail.com>, sheri northstatesolarenergy.com <sheri@northstatesolarenergy.com>

Hi Andrea,

My solution that I was going to propose is to help you financially with this situation.

Can you please call me so we can discuss this? I know you are frustrated, and I also know that we can help you in the "bottom line" approach.

I am willing to do this, because of my good relationship with your family, which I intend to do what I can to honor.

Once we discuss this, in person or by phone, then I can assist you financially and will put that in writing.

Thank You.

Mike Houar North State Solar Energy (530) 518-1201.

[Quoted text hidden]

Mike Houar <mblackngreen@att.net> Thu, Dec 4, 2025 at 10:00 AM
To: kelly northstatesolarenergy.com <kelly@northstatesolarenergy.com>, Andrea Snyder <abslade85@gmail.com>
Cc: Lori Slade <lorislade4@gmail.com>, sheri northstatesolarenergy.com <sheri@northstatesolarenergy.com>

Andrea,

As another follow up, NSSE is in the middle of approximately 8 disputes with PG&E over service issues for other customers. These have taken a lot of our time and are costing us a fortune.

We do not want to get into any more disputes with them, and in my experience, even if you win a dispute, it can take a year or two.

My suggestion is that rather than get into that long process that you and I find a way to get you squared away. Even if you have a perfect complaint, it's hard to get anything out of PG&E.

Best Regards,
[Quoted text hidden]

Andrea Snyder <abslade85@gmail.com> Fri, Dec 5, 2025 at 11:20 AM
To: Mike Houar <mblackngreen@att.net>
Cc: kelly northstatesolarenergy.com <kelly@northstatesolarenergy.com>, Lori Slade <lorislade4@gmail.com>, sheri northstatesolarenergy.com <sheri@northstatesolarenergy.com>

Hi Mike,

Thank you for your willingness to help and for the respect you've shown my family. And thank you for your patience, I wanted to ensure that I address your concerns with clarity and accuracy.

To clarify my earlier message, this matter is ultimately about ensuring accurate metering and billing for customers who rely on the utility's equipment to operate correctly. I am fully capable of handling the dispute with PG&E, and I appreciate your support in establishing the factual record.

At this time, I am requesting the written documentation for all visits or assessments your technicians have made at my property between February 1, 2025, and the present.

These observations are simply a factual part of the timeline and do not place responsibility on your company. Accurate records demonstrate that your team responded appropriately and professionally when concerns were raised, which I believe reflects positively on your organization.

Once I receive those documents, I don't anticipate further involvement being needed from your team unless you choose to assist further.

Thank you again, Mike. I appreciate your help and communication.

Best,

Andrea Slade

[Quoted text hidden]

Mike Houar <mblackngreen@att.net> Fri, Dec 5, 2025 at 12:32 PM
To: Andrea Snyder <abslade85@gmail.com>
Cc: kelly northstatesolarenergy.com <kelly@northstatesolarenergy.com>, Lori Slade <lorislade4@gmail.com>, sheri northstatesolarenergy.com <sheri@northstatesolarenergy.com>

Hi Andrea,

Thank you for your message and for clarifying your request.

North State Solar Energy's role is limited to the design, installation, and service of your solar system. We are not a party to any billing or metering dispute between you and PG&E, and we cannot comment on or participate in that process.

Our technicians observed signs of previous water entry into the main service panel but found no active moisture at the time of service. The solar energy system was operational when PG&E (on October 27th) replaced the meter, and we have no record of a solar system failure caused by PG&E's actions.

Per your request, we will provide an email documenting all NSSE service visits between February 1, 2025 and the present. These records will only reflect the factual observations made by our technicians during their site visits.

We appreciate you understanding that North State Solar Energy cannot take part in any dispute with PG&E or the CPUC. Our focus remains ensuring that your solar system is performing properly and supporting you within the scope of our work.

Please also accept our offer to assist you with your True up Costs - this is the best way to resolve this situation favorably for you. Please provide me that True up Statement.

Best,
[Quoted text hidden]

Exhibit D: SOLAR PRODUCTION BREAKDOWNS.pdf
(working vs. broken side-by-side comparisons with weather data)

Control Working/Working						
Date	PG&E Import	Export Recorded by Meter	Total House Use	Solar Total Production	Direct to Home (Solar Self-Use)	Weather
10/1/24	24.97	29.65	29.85	59.5	4.88	2024-10-01 | High(9–17h): 102.0°F | Low(9–17h): 80.1°F | Avg Cloud(9–17h): 0%
10/1/25	21.75	19.19	21.75	28.2	0	2025-10-01 | High(9–17h): 73.6°F | Low(9–17h): 61.5°F | Avg Cloud(9–17h): 62%
9/25/24	27.99	39.59	27.99	61.6	0	2024-09-25 | High(9–17h): 91.4°F | Low(9–17h): 75.2°F | Avg Cloud(9–17h): 42%
9/25/25	30.32	27.51	30.89	58.4	0.57	2025-09-25 | High(9–17h): 92.3°F | Low(9–17h): 78.6°F | Avg Cloud(9–17h): 22%
9/20/24	24.32	41.44	26.86	68.3	2.54	2024-09-20 | High(9–17h): 95.5°F | Low(9–17h): 75.4°F | Avg Cloud(9–17h): 8%
9/20/25	28.37	27.12	28.37	53.5	0	2025-09-20 | High(9–17h): 89.6°F | Low(9–17h): 77.5°F | Avg Cloud(9–17h): 11%
10/6/24	27.42	30.59	27.42			
10/6/25	13.32	52.5	13.32			

Working vs Broken						
Date	PG&E Import	Export Recorded by Meter	Total House Use	Solar Total Production	Direct to Home (Solar Self-Use)	Weather
5/1/24 (Meter working)	14.91	55.35	31.91	87.26	17	2024-05-01 | High(9–17h): 74.8°F | Low(9–17h): 60.8°F | Avg Cloud(9–17h): 42%
5/1/25 (Export broken)	49.43	0	49.43			2025-05-01 | High(9–17h): 86.4°F | Low(9–17h): 70.0°F | Avg Cloud(9–17h): 0%
8/1/2024 (Meter working)	32.65	34.7	38.6	73.3	5.95	2024-08-01 | High(9–17h): 104.9°F | Low(9–17h): 90.1°F | Avg Cloud(9–17h): 66%
8/1/2025 (Export broken)	55.42	0	55.42			2025-08-01 | High(9–17h): 102.0°F | Low(9–17h): 86.4°F | Avg Cloud(9–17h): 27%
7/1/2024 (Meter working)	34.36	37.17	46.13	83.3	11.77	2024-07-01 | High(9–17h): 105.1°F | Low(9–17h): 89.1°F | Avg Cloud(9–17h): 0%
7/1/2025 (Export broken)	59.02		59.02			2025-07-01 | High(9–17h): 100.6°F | Low(9–17h): 87.4°F | Avg Cloud(9–17h): 58%
4/28/2024 (Meter working)	17.93	58.91	17.93	66.2	0	2024-04-28 | High(9–17h): 74.1°F | Low(9–17h): 62.2°F | Avg Cloud(9–17h): 0%
4/28/2025 (Export broken)	41.94	0.02	41.94			2025-04-28 | High(9–17h): 78.1°F | Low(9–17h): 60.6°F | Avg Cloud(9–17h): 3%

partial KWhs rounded down not up

Time frame	MWh	Historic	Same date range 2024 M	Same date range 2023 MWh	
Total YTD march (at the time of	45.8	April	2.1	2	MWh
Life time now (coulunter reset p	13.3	May	2.6	2.1	MWh
enphase now (app counter, doe	49.8	June	2.4	2.2	MWh
Used from aug 9 to now (YTD ir	4	July	2.5	2.4	MWh
Actual total (Mar YTD plus envc	55.1	August	0.5	0.5	MWh
Missing (Actual minus - March '	9.3	Total	10.1	9.2	MWh

Lifetime	
2022	4.7
2023	19
2024	20.1
Up to zero export Feb 2025	1.4
5 day anomoly in March 3/1/202	0.3
Aug 9th-31 2025	2.2
Total through Aug 31 2025	47.7
Sept 1-3	0.2
Enphase life time Sept 3rd	10.8
as of end of august	10.6
Minus March	10.3
D-F + K	14.2
	7.2
	3.6

Actual Production Through August 31

6.5

Exhibit E: SOLAR PRODUCTION FULL pdf (raw daily dataset 2023-2025)

Date/Time	Energy Delivered (kWh)	PG&E Import	PG&E Export	Home consur	Total used	Dif	0
1/1/2023	40.47	8.14	32.83	7.64	15.78		2023-01-01 | High(9–17h): 56.5°F | Low(9–17h): 47.7°F | Avg Cloud(9–17h): 16% | Avg Rad(9–17h): 287.4 W/m² | Precip(9–17h): 0.00 mm
1/1/2024	38.14	17.18	24.63	13.51	30.69	94.49%	2024-01-01 | High(9–17h): 57.7°F | Low(9–17h): 41.5°F | Avg Cloud(9–17h): 19% | Avg Rad(9–17h): 267.0 W/m² | Precip(9–17h): 0.00 mm
1/1/2025	6.14	13.65	1.83	4.31	17.96	-41.48%	2025-01-01 | High(9–17h): 49.8°F | Low(9–17h): 45.5°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 75.7 W/m² | Precip(9–17h): 0.00 mm
1/2/2023	3.8	18.87	0	3.8	22.67		2023-01-02 | High(9–17h): 43.5°F | Low(9–17h): 39.9°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 54.2 W/m² | Precip(9–17h): 3.70 mm
1/2/2024	5.39	18.47	0.45	4.94	23.41	3.26%	2024-01-02 | High(9–17h): 51.4°F | Low(9–17h): 45.9°F | Avg Cloud(9–17h): 99% | Avg Rad(9–17h): 73.4 W/m² | Precip(9–17h): 3.40 mm
1/2/2025	9.76	18.87	4.69	5.07	23.94	2.26%	2025-01-02 | High(9–17h): 58.3°F | Low(9–17h): 49.3°F | Avg Cloud(9–17h): 96% | Avg Rad(9–17h): 181.9 W/m² | Precip(9–17h): 0.00 mm
1/3/2023	3.97	15.62	0.43	3.54	19.16		2023-01-03 | High(9–17h): 45.7°F | Low(9–17h): 41.2°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 59.4 W/m² | Precip(9–17h): 0.30 mm
1/3/2024	22.83	13.78	12.69	10.14	23.92	24.84%	2024-01-03 | High(9–17h): 50.4°F | Low(9–17h): 46.6°F | Avg Cloud(9–17h): 67% | Avg Rad(9–17h): 135.4 W/m² | Precip(9–17h): 0.40 mm
1/3/2025	11.35	15.71	7.95	3.4	19.11	-20.11%	2025-01-03 | High(9–17h): 54.7°F | Low(9–17h): 50.0°F | Avg Cloud(9–17h): 78% | Avg Rad(9–17h): 104.6 W/m² | Precip(9–17h): 5.80 mm
1/4/2023	4.04	17.48	0.23	3.81	21.29		2023-01-04 | High(9–17h): 52.0°F | Low(9–17h): 43.2°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 37.7 W/m² | Precip(9–17h): 9.40 mm
1/4/2024	36.93	13.66	28.13	8.8	22.46	5.50%	2024-01-04 | High(9–17h): 55.9°F | Low(9–17h): 43.7°F | Avg Cloud(9–17h): 63% | Avg Rad(9–17h): 261.1 W/m² | Precip(9–17h): 0.00 mm
1/4/2025	31.61	22.38	20.12	11.49	33.87	50.80%	2025-01-04 | High(9–17h): 53.6°F | Low(9–17h): 43.3°F | Avg Cloud(9–17h): 89% | Avg Rad(9–17h): 202.0 W/m² | Precip(9–17h): 0.00 mm
1/5/2023	7.41	15.45	3.47	3.94	19.39		2023-01-05 | High(9–17h): 51.8°F | Low(9–17h): 50.5°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 47.6 W/m² | Precip(9–17h): 6.20 mm
1/5/2024	34.91	19.84	25.66	9.25	29.09	50.03%	2024-01-05 | High(9–17h): 59.7°F | Low(9–17h): 42.8°F | Avg Cloud(9–17h): 27% | Avg Rad(9–17h): 279.7 W/m² | Precip(9–17h): 0.00 mm
1/5/2025	26.3	10.9	20.29	6.01	16.91	-41.87%	2025-01-05 | High(9–17h): 59.0°F | Low(9–17h): 47.5°F | Avg Cloud(9–17h): 56% | Avg Rad(9–17h): 231.3 W/m² | Precip(9–17h): 0.00 mm
1/6/2023	12.38	11.76	4.9	7.48	19.24		2023-01-06 | High(9–17h): 52.2°F | Low(9–17h): 47.7°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 60.9 W/m² | Precip(9–17h): 1.50 mm
1/6/2024	15.26	15.73	7.66	7.6	23.33	21.26%	2024-01-06 | High(9–17h): 46.8°F | Low(9–17h): 43.0°F | Avg Cloud(9–17h): 67% | Avg Rad(9–17h): 142.3 W/m² | Precip(9–17h): 3.30 mm
1/6/2025	38.06	17.98	32.4	5.66	23.64	1.33%	2025-01-06 | High(9–17h): 60.8°F | Low(9–17h): 47.5°F | Avg Cloud(9–17h): 21% | Avg Rad(9–17h): 269.1 W/m² | Precip(9–17h): 0.00 mm
1/7/2023	3.48	14.91	0.15	3.33	18.24		2023-01-07 | High(9–17h): 52.0°F | Low(9–17h): 49.1°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 60.4 W/m² | Precip(9–17h): 6.70 mm
1/7/2024	40.25	21.89	29.89	10.36	32.25	76.81%	2024-01-07 | High(9–17h): 49.5°F | Low(9–17h): 35.4°F | Avg Cloud(9–17h): 43% | Avg Rad(9–17h): 275.7 W/m² | Precip(9–17h): 0.00 mm
1/7/2025	33.49	18.73	28.63	4.86	23.59	-26.85%	2025-01-07 | High(9–17h): 61.7°F | Low(9–17h): 47.8°F | Avg Cloud(9–17h): 81% | Avg Rad(9–17h): 289.7 W/m² | Precip(9–17h): 0.00 mm
1/8/2023	31	10.47	23.71	7.29	17.76		2023-01-08 | High(9–17h): 54.3°F | Low(9–17h): 50.2°F | Avg Cloud(9–17h): 88% | Avg Rad(9–17h): 188.3 W/m² | Precip(9–17h): 0.40 mm
1/8/2024	20.08	15.76	10.96	9.12	24.88	40.09%	2024-01-08 | High(9–17h): 48.4°F | Low(9–17h): 40.1°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 139.1 W/m² | Precip(9–17h): 0.00 mm
1/8/2025	39.58	10.23	33.41	6.17	16.4	-34.08%	2025-01-08 | High(9–17h): 63.7°F | Low(9–17h): 46.2°F | Avg Cloud(9–17h): 7% | Avg Rad(9–17h): 292.2 W/m² | Precip(9–17h): 0.00 mm
1/9/2023	23.57	14.08	17.58	5.99	20.07		2023-01-09 | High(9–17h): 58.8°F | Low(9–17h): 53.8°F | Avg Cloud(9–17h): 44% | Avg Rad(9–17h): 203.2 W/m² | Precip(9–17h): 0.30 mm
1/9/2024	6.48	22.7	0.33	6.15	28.85	43.75%	2024-01-09 | High(9–17h): 50.2°F | Low(9–17h): 42.1°F | Avg Cloud(9–17h): 54% | Avg Rad(9–17h): 166.0 W/m² | Precip(9–17h): 0.30 mm
1/9/2025	39.47	19.35	34.25	5.22	24.57	-14.84%	2025-01-09 | High(9–17h): 65.1°F | Low(9–17h): 50.4°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 295.2 W/m² | Precip(9–17h): 0.00 mm
2/1/2023	37.68	12.4	18.37	19.31	31.71		2023-02-01 | High(9–17h): 52.0°F | Low(9–17h): 36.1°F | Avg Cloud(9–17h): 87% | Avg Rad(9–17h): 317.6 W/m² | Precip(9–17h): 0.00 mm
2/1/2024	22.92	18.06	15.1	7.82	25.88	-18.39%	2024-02-01 | High(9–17h): 56.5°F | Low(9–17h): 50.7°F | Avg Cloud(9–17h): 68% | Avg Rad(9–17h): 259.9 W/m² | Precip(9–17h): 5.90 mm
2/1/2025	3.88	21.2	0.34	3.54	24.74	-4.40%	2025-02-01 | High(9–17h): 50.5°F | Low(9–17h): 49.8°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 37.0 W/m² | Precip(9–17h): 12.10 mm
2/2/2023	31.54	23.13	23.03	8.51	31.64		2023-02-02 | High(9–17h): 54.3°F | Low(9–17h): 38.8°F | Avg Cloud(9–17h): 94% | Avg Rad(9–17h): 296.6 W/m² | Precip(9–17h): 0.00 mm
2/2/2024	33.69	20.91	25.42	8.27	29.18	-7.77%	2024-02-02 | High(9–17h): 53.2°F | Low(9–17h): 47.1°F | Avg Cloud(9–17h): 82% | Avg Rad(9–17h): 204.2 W/m² | Precip(9–17h): 2.20 mm
2/2/2025	5.93	17.68	1.44	4.49	22.17	-24.02%	2025-02-02 | High(9–17h): 59.0°F | Low(9–17h): 56.5°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 97.6 W/m² | Precip(9–17h): 4.00 mm
2/3/2023	18.19	10.83	10.21	7.98	18.81		2023-02-03 | High(9–17h): 56.7°F | Low(9–17h): 46.9°F | Avg Cloud(9–17h): 71% | Avg Rad(9–17h): 195.9 W/m² | Precip(9–17h): 0.00 mm
2/3/2024	31.42	13.06	21.67	9.75	22.81	21.27%	2024-02-03 | High(9–17h): 51.6°F | Low(9–17h): 43.5°F | Avg Cloud(9–17h): 45% | Avg Rad(9–17h): 284.9 W/m² | Precip(9–17h): 0.00 mm
2/3/2025	5.77	15.62	1.44	4.33	19.95	-12.54%	2025-02-03 | High(9–17h): 54.9°F | Low(9–17h): 53.2°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 49.2 W/m² | Precip(9–17h): 6.30 mm
2/4/2023	13.85	15.44	7.88	5.97	21.41		2023-02-04 | High(9–17h): 55.2°F | Low(9–17h): 48.6°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 157.7 W/m² | Precip(9–17h): 1.80 mm
2/4/2024	4.04	24.02	0	4.04	28.06	31.06%	2024-02-04 | High(9–17h): 45.1°F | Low(9–17h): 37.6°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 36.0 W/m² | Precip(9–17h): 16.00 mm
2/4/2025	1.67	18.47	0.04	1.63	20.1	-28.37%	2025-02-04 | High(9–17h): 53.6°F | Low(9–17h): 46.4°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 34.7 W/m² | Precip(9–17h): 37.60 mm
2/5/2023	29.97	12.52	21.36	8.61	21.13		2023-02-05 | High(9–17h): 52.9°F | Low(9–17h): 47.8°F | Avg Cloud(9–17h): 87% | Avg Rad(9–17h): 236.8 W/m² | Precip(9–17h): 1.70 mm
2/5/2024	37.2	11.1	28.08	9.12	20.22	-4.31%	2024-02-05 | High(9–17h): 54.0°F | Low(9–17h): 49.3°F | Avg Cloud(9–17h): 61% | Avg Rad(9–17h): 222.2 W/m² | Precip(9–17h): 1.90 mm
2/5/2025	45.34	13.55	36.26	9.08	22.63	11.92%	2025-02-05 | High(9–17h): 52.2°F | Low(9–17h): 43.2°F | Avg Cloud(9–17h): 13% | Avg Rad(9–17h): 360.7 W/m² | Precip(9–17h): 0.00 mm
2/6/2023	50.52	10.89	36.46	14.06	24.95		2023-02-06 | High(9–17h): 59.7°F | Low(9–17h): 42.4°F | Avg Cloud(9–17h): 47% | Avg Rad(9–17h): 384.2 W/m² | Precip(9–17h): 0.00 mm
2/6/2024	52.79	10.43	43.98	8.81	19.24	-22.89%	2024-02-06 | High(9–17h): 58.6°F | Low(9–17h): 48.2°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 377.1 W/m² | Precip(9–17h): 0.00 mm
2/6/2025	3.03	16.92	0.36	2.67	19.59	1.82%	2025-02-06 | High(9–17h): 42.1°F | Low(9–17h): 36.7°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 40.1 W/m² | Precip(9–17h): 14.90 mm
2/7/2023	33.21	8.67	24.63	8.58	17.25		2023-02-07 | High(9–17h): 53.6°F | Low(9–17h): 42.1°F | Avg Cloud(9–17h): 74% | Avg Rad(9–17h): 258.1 W/m² | Precip(9–17h): 0.00 mm
2/7/2024	7.21	21.87	1.11	6.1	27.97	62.14%	2024-02-07 | High(9–17h): 45.1°F | Low(9–17h): 43.3°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 52.8 W/m² | Precip(9–17h): 8.40 mm
2/7/2025	32.47	20.73	25.69	6.78	27.51	-1.64%	2025-02-07 | High(9–17h): 50.7°F | Low(9–17h): 40.5°F | Avg Cloud(9–17h): 70% | Avg Rad(9–17h): 242.4 W/m² | Precip(9–17h): 6.60 mm
2/8/2023	49.45	8.9	41.41	8.04	16.94		2023-02-08 | High(9–17h): 63.7°F | Low(9–17h): 44.4°F | Avg Cloud(9–17h): 14% | Avg Rad(9–17h): 393.4 W/m² | Precip(9–17h): 0.00 mm
2/8/2024	48.08	13.3	38.56	9.52	22.82	34.71%	2024-02-08 | High(9–17h): 51.3°F | Low(9–17h): 38.3°F | Avg Cloud(9–17h): 31% | Avg Rad(9–17h): 343.0 W/m² | Precip(9–17h): 0.00 mm
2/8/2025	54.82	14.26	46.36	8.46	22.72	-0.44%	2025-02-08 | High(9–17h): 53.4°F | Low(9–17h): 37.9°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 407.6 W/m² | Precip(9–17h): 0.00 mm
2/9/2023	51.62	11.7	34.92	16.7	28.4		2023-02-09 | High(9–17h): 59.5°F | Low(9–17h): 46.8°F | Avg Cloud(9–17h): 11% | Avg Rad(9–17h): 409.7 W/m² | Precip(9–17h): 0.00 mm
2/9/2024	40.02	13.41	31	9.02	22.43	-21.02%	2024-02-09 | High(9–17h): 52.9°F | Low(9–17h): 42.1°F | Avg Cloud(9–17h): 83% | Avg Rad(9–17h): 330.3 W/m² | Precip(9–17h): 0.00 mm
2/9/2025	55.96	11.99	47.53	8.43	20.42	-8.96%	2025-02-09 | High(9–17h): 54.3°F | Low(9–17h): 38.5°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 424.7 W/m² | Precip(9–17h): 0.00 mm
3/1/2023	68.5	21.06	33.32	35.18	56.24		2023-03-01 | High(9–17h): 51.4°F | Low(9–17h): 40.1°F | Avg Cloud(9–17h): 41% | Avg Rad(9–17h): 523.9 W/m² | Precip(9–17h): 0.00 mm
3/1/2024	25.19	11.23	15.8	9.39	20.62	-63.34%	2024-03-01 | High(9–17h): 54.3°F | Low(9–17h): 48.0°F | Avg Cloud(9–17h): 77% | Avg Rad(9–17h): 360.2 W/m² | Precip(9–17h): 1.80 mm
3/1/2025	0	17.77	0	0	17.77	-13.82%	2025-03-01 | High(9–17h): 66.0°F | Low(9–17h): 53.2°F | Avg Cloud(9–17h): 53% | Avg Rad(9–17h): 486.1 W/m² | Precip(9–17h): 0.00 mm
3/2/2023	62.23	7.63	49.32	12.91	20.54		2023-03-02 | High(9–17h): 55.2°F | Low(9–17h): 42.4°F | Avg Cloud(9–17h): 79% | Avg Rad(9–17h): 492.9 W/m² | Precip(9–17h): 0.00 mm

Date/Time	Energy Delivered (kWh)	PG&E Import	PG&E Export	Home consur	Total used	Dif	0
3/2/2024	41.87	11.77	31.43	10.44	22.21	8.13%	2024-03-02 | High(9–17h): 48.9°F | Low(9–17h): 42.6°F | Avg Cloud(9–17h): 98% | Avg Rad(9–17h): 357.6 W/m² | Precip(9–17h): 3.90 mm
3/2/2025	0	27.82	0	0	27.82	25.26%	2025-03-02 | High(9–17h): 53.8°F | Low(9–17h): 47.5°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 221.6 W/m² | Precip(9–17h): 1.30 mm
3/3/2023	56.62	11.44	44.28	12.34	23.78		2023-03-03 | High(9–17h): 55.9°F | Low(9–17h): 44.1°F | Avg Cloud(9–17h): 84% | Avg Rad(9–17h): 466.9 W/m² | Precip(9–17h): 0.00 mm
3/3/2024	34.72	18.02	24.14	10.58	28.6	20.27%	2024-03-03 | High(9–17h): 52.0°F | Low(9–17h): 43.0°F | Avg Cloud(9–17h): 74% | Avg Rad(9–17h): 308.7 W/m² | Precip(9–17h): 1.70 mm
3/3/2025	0	25.28	0	0	25.28	-11.61%	2025-03-03 | High(9–17h): 57.2°F | Low(9–17h): 46.6°F | Avg Cloud(9–17h): 16% | Avg Rad(9–17h): 493.4 W/m² | Precip(9–17h): 0.00 mm
3/4/2023	31.95	10.87	16.49	15.46	26.33		2023-03-04 | High(9–17h): 50.2°F | Low(9–17h): 42.1°F | Avg Cloud(9–17h): 82% | Avg Rad(9–17h): 246.3 W/m² | Precip(9–17h): 4.80 mm
3/4/2024	32.83	19.81	22.8	10.03	29.84	13.33%	2024-03-04 | High(9–17h): 49.6°F | Low(9–17h): 44.2°F | Avg Cloud(9–17h): 99% | Avg Rad(9–17h): 240.8 W/m² | Precip(9–17h): 1.20 mm
3/4/2025	0	17.3	0	0	17.3	-42.02%	2025-03-04 | High(9–17h): 56.3°F | Low(9–17h): 49.1°F | Avg Cloud(9–17h): 95% | Avg Rad(9–17h): 247.1 W/m² | Precip(9–17h): 0.20 mm
3/5/2023	53.52	16.13	40.48	13.04	29.17		2023-03-05 | High(9–17h): 51.4°F | Low(9–17h): 43.3°F | Avg Cloud(9–17h): 71% | Avg Rad(9–17h): 424.2 W/m² | Precip(9–17h): 0.60 mm
3/5/2024	26.49	11.89	16.31	10.18	22.07	-24.34%	2024-03-05 | High(9–17h): 54.3°F | Low(9–17h): 47.7°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 74.3 W/m² | Precip(9–17h): 4.00 mm
3/5/2025	0	20.52	0	0	20.52	-7.02%	2025-03-05 | High(9–17h): 54.9°F | Low(9–17h): 49.1°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 251.6 W/m² | Precip(9–17h): 0.40 mm
3/6/2023	15.91	16.83	7.64	8.27	25.1		2023-03-06 | High(9–17h): 46.9°F | Low(9–17h): 37.4°F | Avg Cloud(9–17h): 90% | Avg Rad(9–17h): 271.4 W/m² | Precip(9–17h): 2.40 mm
3/6/2024	31.26	19.38	9.74	21.52	40.9	62.95%	2024-03-06 | High(9–17h): 58.6°F | Low(9–17h): 50.9°F | Avg Cloud(9–17h): 86% | Avg Rad(9–17h): 278.7 W/m² | Precip(9–17h): 4.60 mm
3/6/2025	0	22.31	0.02	-0.02	22.29	-45.50%	2025-03-06 | High(9–17h): 57.7°F | Low(9–17h): 45.5°F | Avg Cloud(9–17h): 47% | Avg Rad(9–17h): 443.0 W/m² | Precip(9–17h): 0.10 mm
3/7/2023	39.08	14.62	27.96	11.12	25.74		2023-03-07 | High(9–17h): 48.7°F | Low(9–17h): 39.9°F | Avg Cloud(9–17h): 95% | Avg Rad(9–17h): 402.6 W/m² | Precip(9–17h): 1.20 mm
3/7/2024	71.09	9.45	49.52	21.57	31.02	20.51%	2024-03-07 | High(9–17h): 61.5°F | Low(9–17h): 46.2°F | Avg Cloud(9–17h): 7% | Avg Rad(9–17h): 544.4 W/m² | Precip(9–17h): 0.00 mm
3/7/2025	69.53	17.6	58.1	11.43	29.03	-6.42%	2025-03-07 | High(9–17h): 62.8°F | Low(9–17h): 46.4°F | Avg Cloud(9–17h): 5% | Avg Rad(9–17h): 556.8 W/m² | Precip(9–17h): 0.00 mm
3/8/2023	57.98	8.86	49	8.98	17.84		2023-03-08 | High(9–17h): 51.3°F | Low(9–17h): 44.6°F | Avg Cloud(9–17h): 46% | Avg Rad(9–17h): 455.6 W/m² | Precip(9–17h): 0.20 mm
3/8/2024	70.09	10.16	59.24	10.85	21.01	17.77%	2024-03-08 | High(9–17h): 64.2°F | Low(9–17h): 48.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 560.4 W/m² | Precip(9–17h): 0.00 mm
3/8/2025	68.31	17.9	58.77	9.54	27.44	30.60%	2025-03-08 | High(9–17h): 59.9°F | Low(9–17h): 46.4°F | Avg Cloud(9–17h): 16% | Avg Rad(9–17h): 552.7 W/m² | Precip(9–17h): 0.00 mm
3/9/2023	8.13	19	2.45	5.68	24.68		2023-03-09 | High(9–17h): 45.1°F | Low(9–17h): 39.2°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 58.7 W/m² | Precip(9–17h): 17.50 mm
3/9/2024	50.39	16.18	39.91	10.48	26.66	8.02%	2024-03-09 | High(9–17h): 57.4°F | Low(9–17h): 50.4°F | Avg Cloud(9–17h): 98% | Avg Rad(9–17h): 279.6 W/m² | Precip(9–17h): 2.50 mm
3/9/2025	66.52	9.43	52.91	13.61	23.04	-13.58%	2025-03-09 | High(9–17h): 63.0°F | Low(9–17h): 51.1°F | Avg Cloud(9–17h): 94% | Avg Rad(9–17h): 546.3 W/m² | Precip(9–17h): 0.00 mm
4/1/2023	49.04	5.25	37.16	11.88	17.13		2023-04-01 | High(9–17h): 61.2°F | Low(9–17h): 49.1°F | Avg Cloud(9–17h): 74% | Avg Rad(9–17h): 441.8 W/m² | Precip(9–17h): 0.10 mm
4/1/2024	79.65	12.64	66.46	13.19	25.83	50.79%	2024-04-01 | High(9–17h): 73.4°F | Low(9–17h): 54.5°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 658.3 W/m² | Precip(9–17h): 0.00 mm
4/1/2025	0	16.63	0	0	16.63	-35.62%	2025-04-01 | High(9–17h): 54.3°F | Low(9–17h): 45.9°F | Avg Cloud(9–17h): 79% | Avg Rad(9–17h): 362.0 W/m² | Precip(9–17h): 3.20 mm
4/2/2023	45.88	11.24	26.77	19.11	30.35		2023-04-02 | High(9–17h): 58.8°F | Low(9–17h): 50.4°F | Avg Cloud(9–17h): 57% | Avg Rad(9–17h): 421.9 W/m² | Precip(9–17h): 1.60 mm
4/2/2024	78.88	7.37	68.73	10.15	17.52	-42.27%	2024-04-02 | High(9–17h): 70.5°F | Low(9–17h): 60.4°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 646.3 W/m² | Precip(9–17h): 0.00 mm
4/2/2025	0	16.54	0	0	16.54	-5.59%	2025-04-02 | High(9–17h): 61.0°F | Low(9–17h): 47.7°F | Avg Cloud(9–17h): 14% | Avg Rad(9–17h): 658.8 W/m² | Precip(9–17h): 0.00 mm
4/3/2023	66.2	16.3	52.94	13.26	29.56		2023-04-03 | High(9–17h): 55.4°F | Low(9–17h): 45.1°F | Avg Cloud(9–17h): 25% | Avg Rad(9–17h): 638.9 W/m² | Precip(9–17h): 0.50 mm
4/3/2024	54.53	6.17	45.22	9.31	15.48	-47.63%	2024-04-03 | High(9–17h): 66.2°F | Low(9–17h): 58.3°F | Avg Cloud(9–17h): 95% | Avg Rad(9–17h): 458.1 W/m² | Precip(9–17h): 10.20 mm
4/3/2025	0	19.49	0	0	19.49	25.90%	2025-04-03 | High(9–17h): 64.6°F | Low(9–17h): 49.3°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 673.1 W/m² | Precip(9–17h): 0.00 mm
4/4/2023	76.6	9.04	66.32	10.28	19.32		2023-04-04 | High(9–17h): 56.3°F | Low(9–17h): 45.1°F | Avg Cloud(9–17h): 25% | Avg Rad(9–17h): 647.9 W/m² | Precip(9–17h): 0.00 mm
4/4/2024	26.93	9.78	16.15	10.78	20.56	6.42%	2024-04-04 | High(9–17h): 49.1°F | Low(9–17h): 43.9°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 218.2 W/m² | Precip(9–17h): 6.90 mm
4/4/2025	0	15.69	0	0	15.69	-23.69%	2025-04-04 | High(9–17h): 68.0°F | Low(9–17h): 54.1°F | Avg Cloud(9–17h): 13% | Avg Rad(9–17h): 678.7 W/m² | Precip(9–17h): 0.00 mm
4/5/2023	72.24	8.9	60.26	11.98	20.88		2023-04-05 | High(9–17h): 60.1°F | Low(9–17h): 48.4°F | Avg Cloud(9–17h): 80% | Avg Rad(9–17h): 648.4 W/m² | Precip(9–17h): 0.00 mm
4/5/2024	75.02	8.54	63.47	11.55	20.09	-3.78%	2024-04-05 | High(9–17h): 56.7°F | Low(9–17h): 46.0°F | Avg Cloud(9–17h): 29% | Avg Rad(9–17h): 633.4 W/m² | Precip(9–17h): 0.00 mm
4/5/2025	0	16.08	0	0	16.08	-19.96%	2025-04-05 | High(9–17h): 71.6°F | Low(9–17h): 57.9°F | Avg Cloud(9–17h): 71% | Avg Rad(9–17h): 650.2 W/m² | Precip(9–17h): 0.00 mm
4/6/2023	34.17	18.56	21.28	12.89	31.45		2023-04-06 | High(9–17h): 61.3°F | Low(9–17h): 49.8°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 385.8 W/m² | Precip(9–17h): 0.80 mm
4/6/2024	59.56	14.15	48.64	10.92	25.07	-20.29%	2024-04-06 | High(9–17h): 56.7°F | Low(9–17h): 48.7°F | Avg Cloud(9–17h): 66% | Avg Rad(9–17h): 515.3 W/m² | Precip(9–17h): 0.40 mm
4/6/2025	0	15.72	0	0	15.72	-37.30%	2025-04-06 | High(9–17h): 70.7°F | Low(9–17h): 59.7°F | Avg Cloud(9–17h): 91% | Avg Rad(9–17h): 615.2 W/m² | Precip(9–17h): 0.00 mm
4/7/2023	25.29	19.46	9.46	15.83	35.29		2023-04-07 | High(9–17h): 57.9°F | Low(9–17h): 51.8°F | Avg Cloud(9–17h): 94% | Avg Rad(9–17h): 242.4 W/m² | Precip(9–17h): 0.80 mm
4/7/2024	82.69	7.37	51.89	30.8	38.17	8.16%	2024-04-07 | High(9–17h): 62.6°F | Low(9–17h): 53.1°F | Avg Cloud(9–17h): 14% | Avg Rad(9–17h): 648.4 W/m² | Precip(9–17h): 0.00 mm
4/7/2025	0	18.73	0	0	18.73	-50.93%	2025-04-07 | High(9–17h): 67.1°F | Low(9–17h): 58.8°F | Avg Cloud(9–17h): 94% | Avg Rad(9–17h): 417.8 W/m² | Precip(9–17h): 0.10 mm
4/8/2023	52.31	13.98	38.5	13.81	27.79		2023-04-08 | High(9–17h): 63.7°F | Low(9–17h): 54.9°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 518.8 W/m² | Precip(9–17h): 0.00 mm
4/8/2024	79.67	12.37	67.07	12.6	24.97	-10.15%	2024-04-08 | High(9–17h): 70.3°F | Low(9–17h): 54.1°F | Avg Cloud(9–17h): 2% | Avg Rad(9–17h): 681.2 W/m² | Precip(9–17h): 0.00 mm
4/8/2025	0	19.75	0	0	19.75	-20.91%	2025-04-08 | High(9–17h): 67.3°F | Low(9–17h): 58.3°F | Avg Cloud(9–17h): 45% | Avg Rad(9–17h): 640.4 W/m² | Precip(9–17h): 0.00 mm
4/9/2023	75.51	10.15	51.64	23.87	34.02		2023-04-09 | High(9–17h): 73.8°F | Low(9–17h): 57.7°F | Avg Cloud(9–17h): 64% | Avg Rad(9–17h): 659.8 W/m² | Precip(9–17h): 0.00 mm
4/9/2024	79.35	8.38	57.49	21.86	30.24	-11.11%	2024-04-09 | High(9–17h): 73.2°F | Low(9–17h): 58.6°F | Avg Cloud(9–17h): 60% | Avg Rad(9–17h): 678.7 W/m² | Precip(9–17h): 0.00 mm
4/9/2025	0	18.34	0	0	18.34	-39.35%	2025-04-09 | High(9–17h): 75.6°F | Low(9–17h): 60.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 680.4 W/m² | Precip(9–17h): 0.00 mm
5/1/2023	20.24	18.55	6.09	14.15	32.7		2023-05-01 | High(9–17h): 60.8°F | Low(9–17h): 54.7°F | Avg Cloud(9–17h): 95% | Avg Rad(9–17h): 273.9 W/m² | Precip(9–17h): 0.20 mm
5/1/2024	87.26	14.91	55.35	31.91	46.82	43.18%	2024-05-01 | High(9–17h): 74.8°F | Low(9–17h): 60.8°F | Avg Cloud(9–17h): 42% | Avg Rad(9–17h): 764.3 W/m² | Precip(9–17h): 0.00 mm
5/1/2025	0	49.23	0	0	49.23	5.15%	2025-05-01 | High(9–17h): 86.4°F | Low(9–17h): 70.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 753.8 W/m² | Precip(9–17h): 0.00 mm
5/2/2023	53.89	19.6	38.12	15.77	35.37		2023-05-02 | High(9–17h): 62.8°F | Low(9–17h): 53.6°F | Avg Cloud(9–17h): 78% | Avg Rad(9–17h): 591.1 W/m² | Precip(9–17h): 0.70 mm
5/2/2024	83.09	17.76	57.16	25.93	43.69	23.52%	2024-05-02 | High(9–17h): 75.0°F | Low(9–17h): 64.2°F | Avg Cloud(9–17h): 40% | Avg Rad(9–17h): 671.8 W/m² | Precip(9–17h): 0.00 mm
5/2/2025	0	39.17	0	0	39.17	-10.35%	2025-05-02 | High(9–17h): 78.6°F | Low(9–17h): 66.6°F | Avg Cloud(9–17h): 4% | Avg Rad(9–17h): 733.3 W/m² | Precip(9–17h): 0.00 mm
5/3/2023	72.6	12.27	41.46	31.14	43.41		2023-05-03 | High(9–17h): 68.2°F | Low(9–17h): 60.4°F | Avg Cloud(9–17h): 85% | Avg Rad(9–17h): 634.4 W/m² | Precip(9–17h): 0.10 mm
5/3/2024	81.43	17.48	54.83	26.6	44.08	1.54%	2024-05-03 | High(9–17h): 80.2°F | Low(9–17h): 65.7°F | Avg Cloud(9–17h): 26% | Avg Rad(9–17h): 753.3 W/m² | Precip(9–17h): 0.00 mm

Date/Time	Energy Delivered (kWh)	PG&E Import	PG&E Export	Home consur	Total used	Dif	0
5/3/2025	0	34.49	0	0	34.49	-21.76%	2025-05-03 | High(9–17h): 75.6°F | Low(9–17h): 63.5°F | Avg Cloud(9–17h): 83% | Avg Rad(9–17h): 638.1 W/m² | Precip(9–17h): 1.00 mm
5/4/2023	14.12	14.61	2.02	12.1	26.71		2023-05-04 | High(9–17h): 62.1°F | Low(9–17h): 56.5°F | Avg Cloud(9–17h): 98% | Avg Rad(9–17h): 362.0 W/m² | Precip(9–17h): 0.10 mm
5/4/2024	20.29	28.98	8.33	11.96	40.94	53.28%	2024-05-04 | High(9–17h): 54.0°F | Low(9–17h): 50.2°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 112.8 W/m² | Precip(9–17h): 17.00 mm
5/4/2025	0	35.55	0	0	35.55	-13.17%	2025-05-04 | High(9–17h): 77.2°F | Low(9–17h): 63.7°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 748.0 W/m² | Precip(9–17h): 0.00 mm
5/5/2023	21.37	11.35	6.71	14.66	26.01		2023-05-05 | High(9–17h): 63.0°F | Low(9–17h): 56.5°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 332.9 W/m² | Precip(9–17h): 0.10 mm
5/5/2024	71	6.73	59.79	11.21	17.94	-31.03%	2024-05-05 | High(9–17h): 61.0°F | Low(9–17h): 51.4°F | Avg Cloud(9–17h): 67% | Avg Rad(9–17h): 607.0 W/m² | Precip(9–17h): 0.00 mm
5/5/2025	0	35.02	0	0	35.02	95.21%	2025-05-05 | High(9–17h): 82.9°F | Low(9–17h): 67.5°F | Avg Cloud(9–17h): 15% | Avg Rad(9–17h): 778.8 W/m² | Precip(9–17h): 0.00 mm
5/6/2023	35.46	5.88	24.13	11.33	17.21		2023-05-06 | High(9–17h): 61.2°F | Low(9–17h): 53.6°F | Avg Cloud(9–17h): 71% | Avg Rad(9–17h): 435.1 W/m² | Precip(9–17h): 7.00 mm
5/6/2024	86.25	10.58	70.47	15.78	26.36	53.17%	2024-05-06 | High(9–17h): 66.9°F | Low(9–17h): 56.3°F | Avg Cloud(9–17h): 20% | Avg Rad(9–17h): 743.9 W/m² | Precip(9–17h): 0.00 mm
5/6/2025	0	51.41	0	0	51.41	95.03%	2025-05-06 | High(9–17h): 84.2°F | Low(9–17h): 70.0°F | Avg Cloud(9–17h): 9% | Avg Rad(9–17h): 776.6 W/m² | Precip(9–17h): 0.00 mm
5/7/2023	56.34	7.2	36.92	19.42	26.62		2023-05-07 | High(9–17h): 65.8°F | Low(9–17h): 54.1°F | Avg Cloud(9–17h): 42% | Avg Rad(9–17h): 539.9 W/m² | Precip(9–17h): 0.20 mm
5/7/2024	88.38	11.93	72.7	15.68	27.61	3.72%	2024-05-07 | High(9–17h): 71.1°F | Low(9–17h): 59.9°F | Avg Cloud(9–17h): 9% | Avg Rad(9–17h): 777.9 W/m² | Precip(9–17h): 0.00 mm
5/7/2025	0	51.24	0	0	51.24	85.58%	2025-05-07 | High(9–17h): 79.2°F | Low(9–17h): 66.4°F | Avg Cloud(9–17h): 40% | Avg Rad(9–17h): 748.0 W/m² | Precip(9–17h): 0.00 mm
5/8/2023	50.91	13.1	34.28	16.63	29.73		2023-05-08 | High(9–17h): 63.9°F | Low(9–17h): 55.8°F | Avg Cloud(9–17h): 63% | Avg Rad(9–17h): 504.4 W/m² | Precip(9–17h): 8.20 mm
5/8/2024	90.69	10.74	73.93	16.76	27.5	-7.50%	2024-05-08 | High(9–17h): 76.1°F | Low(9–17h): 63.9°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 784.1 W/m² | Precip(9–17h): 0.00 mm
5/8/2025	0	54.08	0	0	54.08	96.65%	2025-05-08 | High(9–17h): 82.6°F | Low(9–17h): 68.9°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 756.1 W/m² | Precip(9–17h): 0.00 mm
5/9/2023	74.16	21.62	47.48	26.68	48.3		2023-05-09 | High(9–17h): 72.5°F | Low(9–17h): 60.1°F | Avg Cloud(9–17h): 62% | Avg Rad(9–17h): 759.8 W/m² | Precip(9–17h): 0.00 mm
5/9/2024	89.15	15.13	59.93	29.22	44.35	-8.18%	2024-05-09 | High(9–17h): 84.0°F | Low(9–17h): 69.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 770.9 W/m² | Precip(9–17h): 0.00 mm
5/9/2025	0	54.76	0	0	54.76	23.47%	2025-05-09 | High(9–17h): 87.1°F | Low(9–17h): 73.6°F | Avg Cloud(9–17h): 76% | Avg Rad(9–17h): 755.0 W/m² | Precip(9–17h): 0.00 mm
6/1/2023	76.94	19.24	37.43	39.51	58.75		2023-06-01 | High(9–17h): 86.7°F | Low(9–17h): 72.7°F | Avg Cloud(9–17h): 9% | Avg Rad(9–17h): 745.4 W/m² | Precip(9–17h): 0.00 mm
6/1/2024	79.79	21.59	42.33	37.46	59.05	0.51%	2024-06-01 | High(9–17h): 94.5°F | Low(9–17h): 80.8°F | Avg Cloud(9–17h): 17% | Avg Rad(9–17h): 771.3 W/m² | Precip(9–17h): 0.00 mm
6/1/2025	0	59.22	0	0	59.22	0.29%	2025-06-01 | High(9–17h): 92.8°F | Low(9–17h): 83.1°F | Avg Cloud(9–17h): 57% | Avg Rad(9–17h): 766.0 W/m² | Precip(9–17h): 0.00 mm
6/2/2023	77.81	23.29	39.67	38.14	61.43		2023-06-02 | High(9–17h): 90.0°F | Low(9–17h): 76.3°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 794.8 W/m² | Precip(9–17h): 0.00 mm
6/2/2024	73.03	27.8	32.38	40.65	68.45	11.43%	2024-06-02 | High(9–17h): 91.4°F | Low(9–17h): 75.4°F | Avg Cloud(9–17h): 88% | Avg Rad(9–17h): 696.7 W/m² | Precip(9–17h): 0.00 mm
6/2/2025	0	52.02	0	0	52.02	-24.00%	2025-06-02 | High(9–17h): 98.8°F | Low(9–17h): 83.7°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 799.7 W/m² | Precip(9–17h): 0.00 mm
6/3/2023	79.68	23.43	46	33.68	57.11		2023-06-03 | High(9–17h): 97.0°F | Low(9–17h): 79.5°F | Avg Cloud(9–17h): 57% | Avg Rad(9–17h): 793.3 W/m² | Precip(9–17h): 0.00 mm
6/3/2024	60.7	27.64	31.44	29.26	56.9	-0.37%	2024-06-03 | High(9–17h): 84.2°F | Low(9–17h): 75.0°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 543.3 W/m² | Precip(9–17h): 0.00 mm
6/3/2025	0	58.21	0	0	58.21	2.30%	2025-06-03 | High(9–17h): 93.9°F | Low(9–17h): 77.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 793.6 W/m² | Precip(9–17h): 0.00 mm
6/4/2023	76.38	24.68	40.89	35.49	60.17		2023-06-04 | High(9–17h): 100.8°F | Low(9–17h): 83.8°F | Avg Cloud(9–17h): 39% | Avg Rad(9–17h): 785.3 W/m² | Precip(9–17h): 0.00 mm
6/4/2024	85.1	25.01	47.98	37.12	62.13	3.26%	2024-06-04 | High(9–17h): 99.7°F | Low(9–17h): 82.6°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 772.8 W/m² | Precip(9–17h): 0.00 mm
6/4/2025	0	62.76	0	0	62.76	1.01%	2025-06-04 | High(9–17h): 95.9°F | Low(9–17h): 84.4°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 805.0 W/m² | Precip(9–17h): 0.00 mm
6/5/2023	47.99	26.13	25.9	22.09	48.22		2023-06-05 | High(9–17h): 98.4°F | Low(9–17h): 85.3°F | Avg Cloud(9–17h): 92% | Avg Rad(9–17h): 518.2 W/m² | Precip(9–17h): 0.00 mm
6/5/2024	83.81	30.4	40.09	43.72	74.12	53.71%	2024-06-05 | High(9–17h): 105.1°F | Low(9–17h): 88.3°F | Avg Cloud(9–17h): 39% | Avg Rad(9–17h): 769.9 W/m² | Precip(9–17h): 0.00 mm
6/5/2025	0	40.95	0	0	40.95	-44.75%	2025-06-05 | High(9–17h): 91.8°F | Low(9–17h): 77.2°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 786.9 W/m² | Precip(9–17h): 0.00 mm
6/6/2023	62.24	23.03	34.61	27.63	50.66		2023-06-06 | High(9–17h): 84.0°F | Low(9–17h): 75.9°F | Avg Cloud(9–17h): 73% | Avg Rad(9–17h): 616.4 W/m² | Precip(9–17h): 0.00 mm
6/6/2024	82	32.65	36.99	45.01	77.66	53.30%	2024-06-06 | High(9–17h): 104.2°F | Low(9–17h): 91.0°F | Avg Cloud(9–17h): 27% | Avg Rad(9–17h): 748.9 W/m² | Precip(9–17h): 0.00 mm
6/6/2025	0	44.01	0	0	44.01	-43.33%	2025-06-06 | High(9–17h): 94.6°F | Low(9–17h): 79.0°F | Avg Cloud(9–17h): 45% | Avg Rad(9–17h): 775.6 W/m² | Precip(9–17h): 0.00 mm
6/7/2023	71.26	15.33	45.12	26.14	41.47		2023-06-07 | High(9–17h): 85.3°F | Low(9–17h): 72.5°F | Avg Cloud(9–17h): 42% | Avg Rad(9–17h): 715.8 W/m² | Precip(9–17h): 0.00 mm
6/7/2024	83.9	30.35	40.19	43.71	74.06	78.59%	2024-06-07 | High(9–17h): 101.7°F | Low(9–17h): 86.9°F | Avg Cloud(9–17h): 22% | Avg Rad(9–17h): 778.4 W/m² | Precip(9–17h): 0.00 mm
6/7/2025	0	51.64	0	0	51.64	-30.27%	2025-06-07 | High(9–17h): 98.4°F | Low(9–17h): 84.2°F | Avg Cloud(9–17h): 6% | Avg Rad(9–17h): 771.7 W/m² | Precip(9–17h): 0.00 mm
6/8/2023	68.21	17	33.1	35.11	52.11		2023-06-08 | High(9–17h): 86.2°F | Low(9–17h): 72.5°F | Avg Cloud(9–17h): 78% | Avg Rad(9–17h): 637.6 W/m² | Precip(9–17h): 0.00 mm
6/8/2024	81.6	28.82	36.74	44.86	73.68	41.39%	2024-06-08 | High(9–17h): 94.5°F | Low(9–17h): 78.1°F | Avg Cloud(9–17h): 91% | Avg Rad(9–17h): 713.8 W/m² | Precip(9–17h): 0.00 mm
6/8/2025	0	58.2	0	0	58.2	-21.01%	2025-06-08 | High(9–17h): 96.1°F | Low(9–17h): 81.1°F | Avg Cloud(9–17h): 41% | Avg Rad(9–17h): 719.2 W/m² | Precip(9–17h): 0.00 mm
6/9/2023	82.67	16.74	50.66	32.01	48.75		2023-06-09 | High(9–17h): 88.2°F | Low(9–17h): 75.0°F | Avg Cloud(9–17h): 20% | Avg Rad(9–17h): 770.3 W/m² | Precip(9–17h): 0.00 mm
6/9/2024	83.04	31.43	42.85	40.19	71.62	46.91%	2024-06-09 | High(9–17h): 93.6°F | Low(9–17h): 78.1°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 771.1 W/m² | Precip(9–17h): 0.00 mm
6/9/2025	0	67.94	0	0	67.94	-5.14%	2025-06-09 | High(9–17h): 100.2°F | Low(9–17h): 83.8°F | Avg Cloud(9–17h): 34% | Avg Rad(9–17h): 740.8 W/m² | Precip(9–17h): 0.00 mm
7/1/2023	77.54	26.62	33.17	44.37	70.99		2023-07-01 | High(9–17h): 109.9°F | Low(9–17h): 93.4°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 791.1 W/m² | Precip(9–17h): 0.00 mm
7/1/2024	83.3	34.36	37.17	46.13	80.49	13.38%	2024-07-01 | High(9–17h): 105.1°F | Low(9–17h): 89.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 801.2 W/m² | Precip(9–17h): 0.00 mm
7/1/2025	0	59.02	0	0	59.02	-26.67%	2025-07-01 | High(9–17h): 100.6°F | Low(9–17h): 87.4°F | Avg Cloud(9–17h): 58% | Avg Rad(9–17h): 663.2 W/m² | Precip(9–17h): 0.00 mm
7/2/2023	77.64	35.17	23.57	54.07	89.24		2023-07-02 | High(9–17h): 111.0°F | Low(9–17h): 94.5°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 796.3 W/m² | Precip(9–17h): 0.00 mm
7/2/2024	88.12	37.3	38.15	49.97	87.27	-2.21%	2024-07-02 | High(9–17h): 109.9°F | Low(9–17h): 91.6°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 810.7 W/m² | Precip(9–17h): 0.00 mm
7/2/2025	0	69.61	0	0	69.61	-20.24%	2025-07-02 | High(9–17h): 104.9°F | Low(9–17h): 88.0°F | Avg Cloud(9–17h): 10% | Avg Rad(9–17h): 772.4 W/m² | Precip(9–17h): 0.00 mm
7/3/2023	73.28	42.57	26.43	46.85	89.42		2023-07-03 | High(9–17h): 106.7°F | Low(9–17h): 92.8°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 789.0 W/m² | Precip(9–17h): 0.00 mm
7/3/2024	91.59	42.7	45.15	46.44	89.14	-0.31%	2024-07-03 | High(9–17h): 111.7°F | Low(9–17h): 94.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 815.9 W/m² | Precip(9–17h): 0.00 mm
7/3/2025	0	59.81	0	0	59.81	-32.90%	2025-07-03 | High(9–17h): 94.3°F | Low(9–17h): 85.3°F | Avg Cloud(9–17h): 48% | Avg Rad(9–17h): 712.8 W/m² | Precip(9–17h): 0.00 mm
7/4/2023	78.04	26.24	41.33	36.71	62.95		2023-07-04 | High(9–17h): 105.3°F | Low(9–17h): 88.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 792.0 W/m² | Precip(9–17h): 0.00 mm
7/4/2024	87.85	33.48	37.59	50.26	83.74	33.03%	2024-07-04 | High(9–17h): 112.5°F | Low(9–17h): 94.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 809.6 W/m² | Precip(9–17h): 0.00 mm
7/4/2025	0	53.52	0	0	53.52	-36.09%	2025-07-04 | High(9–17h): 90.0°F | Low(9–17h): 75.6°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 782.9 W/m² | Precip(9–17h): 0.00 mm

Date/Time	Energy Delivered (kWh)	PG&E Import	PG&E Export	Home consur	Total used	Dif	0
7/5/2023	80.14	21.96	44.99	35.15	57.11		2023-07-05 | High(9–17h): 99.5°F | Low(9–17h): 81.3°F | Avg Cloud(9–17h): 2% | Avg Rad(9–17h): 776.7 W/m² | Precip(9–17h): 0.00 mm
7/5/2024	88.61	32.33	40.24	48.37	80.7	41.31%	2024-07-05 | High(9–17h): 117.7°F | Low(9–17h): 95.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 805.3 W/m² | Precip(9–17h): 0.00 mm
7/5/2025	0	49.29	0	0	49.29	-38.92%	2025-07-05 | High(9–17h): 93.6°F | Low(9–17h): 78.8°F | Avg Cloud(9–17h): 2% | Avg Rad(9–17h): 797.9 W/m² | Precip(9–17h): 0.00 mm
7/6/2023	81	18.77	44.97	36.03	54.8		2023-07-06 | High(9–17h): 98.2°F | Low(9–17h): 79.3°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 788.8 W/m² | Precip(9–17h): 0.00 mm
7/6/2024	86.93	37.41	31.64	55.29	92.7	69.16%	2024-07-06 | High(9–17h): 118.4°F | Low(9–17h): 98.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 804.6 W/m² | Precip(9–17h): 0.00 mm
7/6/2025	0	58.78	0	0	58.78	-36.59%	2025-07-06 | High(9–17h): 100.9°F | Low(9–17h): 83.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 794.3 W/m² | Precip(9–17h): 0.00 mm
7/7/2023	79.7	18.75	49.82	29.88	48.63		2023-07-07 | High(9–17h): 95.7°F | Low(9–17h): 76.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 784.4 W/m² | Precip(9–17h): 0.00 mm
7/7/2024	84.91	40.42	29.71	55.2	95.62	96.63%	2024-07-07 | High(9–17h): 116.6°F | Low(9–17h): 98.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 792.6 W/m² | Precip(9–17h): 0.00 mm
7/7/2025	0	64.04	0	0	64.04	-33.03%	2025-07-07 | High(9–17h): 101.5°F | Low(9–17h): 87.4°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 786.9 W/m² | Precip(9–17h): 0.00 mm
7/8/2023	76.89	23.6	41.21	35.68	59.28		2023-07-08 | High(9–17h): 95.9°F | Low(9–17h): 77.2°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 790.2 W/m² | Precip(9–17h): 0.00 mm
7/8/2024	86.61	39.23	33.54	53.07	92.3	55.70%	2024-07-08 | High(9–17h): 114.3°F | Low(9–17h): 94.5°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 787.7 W/m² | Precip(9–17h): 0.00 mm
7/8/2025	0	53.4	0	0	53.4	-42.15%	2025-07-08 | High(9–17h): 94.5°F | Low(9–17h): 78.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 787.0 W/m² | Precip(9–17h): 0.00 mm
7/9/2023	79.66	20.93	28.18	51.48	72.41		2023-07-09 | High(9–17h): 91.0°F | Low(9–17h): 73.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 793.7 W/m² | Precip(9–17h): 0.00 mm
7/9/2024	86.87	40.89	40.83	46.04	86.93	20.05%	2024-07-09 | High(9–17h): 107.2°F | Low(9–17h): 87.4°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 785.2 W/m² | Precip(9–17h): 0.00 mm
7/9/2025	0	53.35	0	0	53.35	-38.63%	2025-07-09 | High(9–17h): 96.1°F | Low(9–17h): 79.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 790.8 W/m² | Precip(9–17h): 0.00 mm
8/1/2023	60.57	24.78	25.22	35.35	60.13		2023-08-01 | High(9–17h): 100.9°F | Low(9–17h): 86.7°F | Avg Cloud(9–17h): 85% | Avg Rad(9–17h): 712.4 W/m² | Precip(9–17h): 0.00 mm
8/1/2024	73.31	32.65	34.7	38.61	71.26	18.51%	2024-08-01 | High(9–17h): 104.9°F | Low(9–17h): 90.1°F | Avg Cloud(9–17h): 66% | Avg Rad(9–17h): 756.3 W/m² | Precip(9–17h): 0.00 mm
8/1/2025	0	55.42	0	0	55.42	-22.23%	2025-08-01 | High(9–17h): 102.0°F | Low(9–17h): 86.4°F | Avg Cloud(9–17h): 27% | Avg Rad(9–17h): 743.3 W/m² | Precip(9–17h): 0.00 mm
8/2/2023	74.01	21.43	39.38	34.63	56.06		2023-08-02 | High(9–17h): 97.3°F | Low(9–17h): 79.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 766.0 W/m² | Precip(9–17h): 0.00 mm
8/2/2024	65.1	32.65	31.86	33.24	65.89	17.53%	2024-08-02 | High(9–17h): 101.7°F | Low(9–17h): 91.6°F | Avg Cloud(9–17h): 95% | Avg Rad(9–17h): 542.3 W/m² | Precip(9–17h): 0.00 mm
8/2/2025	0	53.44	0	0	53.44	-18.90%	2025-08-02 | High(9–17h): 99.3°F | Low(9–17h): 82.0°F | Avg Cloud(9–17h): 4% | Avg Rad(9–17h): 743.4 W/m² | Precip(9–17h): 0.00 mm
8/3/2023	74.19	25.43	42.28	31.91	57.34		2023-08-03 | High(9–17h): 95.0°F | Low(9–17h): 76.5°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 756.3 W/m² | Precip(9–17h): 0.00 mm
8/3/2024	40.01	37.11	10.71	29.3	66.41	15.82%	2024-08-03 | High(9–17h): 104.4°F | Low(9–17h): 91.9°F | Avg Cloud(9–17h): 28% | Avg Rad(9–17h): 654.7 W/m² | Precip(9–17h): 0.00 mm
8/3/2025	0	65.55	0	0	65.55	-1.29%	2025-08-03 | High(9–17h): 97.7°F | Low(9–17h): 81.5°F | Avg Cloud(9–17h): 2% | Avg Rad(9–17h): 740.3 W/m² | Precip(9–17h): 0.00 mm
8/4/2023	70.56	25.85	27.7	42.86	68.71		2023-08-04 | High(9–17h): 100.4°F | Low(9–17h): 82.8°F | Avg Cloud(9–17h): 12% | Avg Rad(9–17h): 740.6 W/m² | Precip(9–17h): 0.00 mm
8/4/2024	75.65	35.85	28.79	46.86	82.71	20.38%	2024-08-04 | High(9–17h): 105.4°F | Low(9–17h): 92.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 737.0 W/m² | Precip(9–17h): 0.00 mm
8/4/2025	0	66.42	0	0	66.42	-19.70%	2025-08-04 | High(9–17h): 94.1°F | Low(9–17h): 77.9°F | Avg Cloud(9–17h): 28% | Avg Rad(9–17h): 747.4 W/m² | Precip(9–17h): 0.00 mm
8/5/2023	71.91	29.05	28	43.91	72.96		2023-08-05 | High(9–17h): 104.2°F | Low(9–17h): 88.9°F | Avg Cloud(9–17h): 6% | Avg Rad(9–17h): 751.9 W/m² | Precip(9–17h): 0.00 mm
8/5/2024	79.71	28.79	43.35	36.36	65.15	-10.70%	2024-08-05 | High(9–17h): 104.9°F | Low(9–17h): 86.7°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 764.6 W/m² | Precip(9–17h): 0.00 mm
8/5/2025	0	46.08	0	0	46.08	-29.27%	2025-08-05 | High(9–17h): 95.5°F | Low(9–17h): 79.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 750.6 W/m² | Precip(9–17h): 0.00 mm
8/6/2023	74.58	32.21	27.86	46.72	78.93		2023-08-06 | High(9–17h): 104.4°F | Low(9–17h): 91.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 758.9 W/m² | Precip(9–17h): 0.00 mm
8/6/2024	78.53	29.48	33.57	44.96	74.44	-5.69%	2024-08-06 | High(9–17h): 106.2°F | Low(9–17h): 87.6°F | Avg Cloud(9–17h): 59% | Avg Rad(9–17h): 756.2 W/m² | Precip(9–17h): 0.00 mm
8/6/2025	0	53	0	0	53	-28.80%	2025-08-06 | High(9–17h): 96.6°F | Low(9–17h): 82.8°F | Avg Cloud(9–17h): 45% | Avg Rad(9–17h): 653.3 W/m² | Precip(9–17h): 0.00 mm
8/7/2023	68.28	38.04	23.83	44.45	82.49		2023-08-07 | High(9–17h): 104.4°F | Low(9–17h): 90.3°F | Avg Cloud(9–17h): 49% | Avg Rad(9–17h): 727.6 W/m² | Precip(9–17h): 0.00 mm
8/7/2024	66.5	34.55	32.4	34.1	68.65	-16.78%	2024-08-07 | High(9–17h): 107.4°F | Low(9–17h): 91.0°F | Avg Cloud(9–17h): 63% | Avg Rad(9–17h): 696.3 W/m² | Precip(9–17h): 0.00 mm
8/7/2025	0	59.95	0	0	59.95	-12.67%	2025-08-07 | High(9–17h): 100.2°F | Low(9–17h): 84.7°F | Avg Cloud(9–17h): 27% | Avg Rad(9–17h): 739.9 W/m² | Precip(9–17h): 0.00 mm
8/8/2023	73.5	28.48	39.45	34.05	62.53		2023-08-08 | High(9–17h): 98.4°F | Low(9–17h): 84.7°F | Avg Cloud(9–17h): 7% | Avg Rad(9–17h): 745.7 W/m² | Precip(9–17h): 0.00 mm
8/8/2024	75.75	29.29	31.06	44.69	73.98	18.31%	2024-08-08 | High(9–17h): 104.0°F | Low(9–17h): 86.2°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 743.0 W/m² | Precip(9–17h): 0.00 mm
8/8/2025	0	72.18	0	0	72.18	-2.43%	2025-08-08 | High(9–17h): 105.4°F | Low(9–17h): 88.7°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 742.4 W/m² | Precip(9–17h): 0.00 mm
8/9/2023	72.16	20.82	37.12	35.04	55.86		2023-08-09 | High(9–17h): 95.7°F | Low(9–17h): 79.0°F | Avg Cloud(9–17h): 7% | Avg Rad(9–17h): 737.6 W/m² | Precip(9–17h): 0.00 mm
8/9/2024	74.94	26.73	37.53	37.41	64.14	14.82%	2024-08-09 | High(9–17h): 104.4°F | Low(9–17h): 85.5°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 740.3 W/m² | Precip(9–17h): 0.00 mm
8/9/2025	75.34	35.68	34.75	40.59	76.27	18.91%	2025-08-09 | High(9–17h): 108.0°F | Low(9–17h): 88.9°F | Avg Cloud(9–17h): 6% | Avg Rad(9–17h): 751.2 W/m² | Precip(9–17h): 0.00 mm
9/1/2023	15.03	31.7	0.11	14.92	46.62		2023-09-01 | High(9–17h): 76.5°F | Low(9–17h): 69.3°F | Avg Cloud(9–17h): 88% | Avg Rad(9–17h): 360.1 W/m² | Precip(9–17h): 1.40 mm
9/1/2024	73.78	27.6	39.92	33.86	61.46	31.83%	2024-09-01 | High(9–17h): 98.4°F | Low(9–17h): 82.9°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 668.3 W/m² | Precip(9–17h): 0.00 mm
9/1/2025	71.1	38.59	34.07	37.03	75.62	23.04%	2025-09-01 | High(9–17h): 103.5°F | Low(9–17h): 84.4°F | Avg Cloud(9–17h): 25% | Avg Rad(9–17h): 668.9 W/m² | Precip(9–17h): 0.00 mm
9/2/2023	58.44	42.42	44.88	13.56	55.98		2023-09-02 | High(9–17h): 81.0°F | Low(9–17h): 68.5°F | Avg Cloud(9–17h): 25% | Avg Rad(9–17h): 545.7 W/m² | Precip(9–17h): 0.00 mm
9/2/2024	76.5	25.02	47.71	28.79	53.81	-3.88%	2024-09-02 | High(9–17h): 91.2°F | Low(9–17h): 74.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 676.0 W/m² | Precip(9–17h): 0.00 mm
9/2/2025	46.26	34.25	18.93	27.33	61.58	14.44%	2025-09-02 | High(9–17h): 100.2°F | Low(9–17h): 82.0°F | Avg Cloud(9–17h): 79% | Avg Rad(9–17h): 449.8 W/m² | Precip(9–17h): 0.20 mm
9/3/2023	63.07	21.38	33.3	29.77	51.15		2023-09-03 | High(9–17h): 80.4°F | Low(9–17h): 70.2°F | Avg Cloud(9–17h): 10% | Avg Rad(9–17h): 616.8 W/m² | Precip(9–17h): 0.00 mm
9/3/2024	74.27	33.46	32.1	42.17	75.63	47.86%	2024-09-03 | High(9–17h): 100.9°F | Low(9–17h): 79.9°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 680.3 W/m² | Precip(9–17h): 0.00 mm
9/3/2025	62.73	37.38	20.93	41.8	79.18	4.69%	2025-09-03 | High(9–17h): 103.5°F | Low(9–17h): 85.8°F | Avg Cloud(9–17h): 9% | Avg Rad(9–17h): 636.0 W/m² | Precip(9–17h): 0.00 mm
9/4/2023	68.68	22.46	29.25	39.43	61.89		2023-09-04 | High(9–17h): 86.4°F | Low(9–17h): 73.4°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 646.7 W/m² | Precip(9–17h): 0.00 mm
9/4/2024	68.83	28.23	33.16	35.67	63.9	3.25%	2024-09-04 | High(9–17h): 106.0°F | Low(9–17h): 85.5°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 657.8 W/m² | Precip(9–17h): 0.00 mm
9/4/2025	63.05	30.01	31.3	31.75	61.76	-3.35%	2025-09-04 | High(9–17h): 100.6°F | Low(9–17h): 85.8°F | Avg Cloud(9–17h): 75% | Avg Rad(9–17h): 644.7 W/m² | Precip(9–17h): 0.00 mm
9/5/2023	67.64	24.23	34.79	32.85	57.08		2023-09-05 | High(9–17h): 90.5°F | Low(9–17h): 74.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 650.8 W/m² | Precip(9–17h): 0.00 mm
9/5/2024	69.11	29.03	33.48	35.63	64.66	13.28%	2024-09-05 | High(9–17h): 104.7°F | Low(9–17h): 86.5°F | Avg Cloud(9–17h): 35% | Avg Rad(9–17h): 648.0 W/m² | Precip(9–17h): 0.00 mm
9/5/2025	66.85	27.93	38.66	28.19	56.12	-13.21%	2025-09-05 | High(9–17h): 91.8°F | Low(9–17h): 73.0°F | Avg Cloud(9–17h): 13% | Avg Rad(9–17h): 643.4 W/m² | Precip(9–17h): 0.00 mm
9/6/2023	69.62	24.23	34.63	34.99	59.22		2023-09-06 | High(9–17h): 92.3°F | Low(9–17h): 78.1°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 642.7 W/m² | Precip(9–17h): 0.00 mm

Date/Time	Energy Delivered (kWh)	PG&E Import	PG&E Export	Home consur	Total used	Dif	0
9/6/2024	69.19	32.22	26.2	42.99	75.21	27.00%	2024-09-06 | High(9–17h): 105.1°F | Low(9–17h): 88.2°F | Avg Cloud(9–17h): 30% | Avg Rad(9–17h): 650.1 W/m² | Precip(9–17h): 0.00 mm
9/6/2025	69.01	25.89	40.25	28.76	54.65	-27.34%	2025-09-06 | High(9–17h): 90.1°F | Low(9–17h): 73.9°F | Avg Cloud(9–17h): 11% | Avg Rad(9–17h): 634.0 W/m² | Precip(9–17h): 0.00 mm
9/7/2023	69.54	26.25	30.45	39.09	65.34		2023-09-07 | High(9–17h): 91.9°F | Low(9–17h): 76.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 638.1 W/m² | Precip(9–17h): 0.00 mm
9/7/2024	71.24	28.53	35.9	35.34	63.87	-2.25%	2024-09-07 | High(9–17h): 100.9°F | Low(9–17h): 86.4°F | Avg Cloud(9–17h): 5% | Avg Rad(9–17h): 644.6 W/m² | Precip(9–17h): 0.00 mm
9/7/2025	60.05	28.9	33.26	26.79	55.69	-12.81%	2025-09-07 | High(9–17h): 87.3°F | Low(9–17h): 71.2°F | Avg Cloud(9–17h): 82% | Avg Rad(9–17h): 567.3 W/m² | Precip(9–17h): 0.00 mm
9/8/2023	69.68	24.66	34.98	34.7	59.36		2023-09-08 | High(9–17h): 93.7°F | Low(9–17h): 78.3°F | Avg Cloud(9–17h): 15% | Avg Rad(9–17h): 629.9 W/m² | Precip(9–17h): 0.00 mm
9/8/2024	71.89	22.79	39.61	32.28	55.07	-7.23%	2024-09-08 | High(9–17h): 97.9°F | Low(9–17h): 82.6°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 649.0 W/m² | Precip(9–17h): 0.00 mm
9/8/2025	58.56	35.18	30.06	28.5	63.68	15.63%	2025-09-08 | High(9–17h): 87.1°F | Low(9–17h): 73.8°F | Avg Cloud(9–17h): 11% | Avg Rad(9–17h): 622.7 W/m² | Precip(9–17h): 0.00 mm
9/9/2023	67.44	19.2	38.27	29.17	48.37		2023-09-09 | High(9–17h): 94.1°F | Low(9–17h): 78.4°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 640.8 W/m² | Precip(9–17h): 0.00 mm
9/9/2024	66.26	28.04	31.86	34.4	62.44	29.09%	2024-09-09 | High(9–17h): 101.5°F | Low(9–17h): 82.8°F | Avg Cloud(9–17h): 91% | Avg Rad(9–17h): 616.6 W/m² | Precip(9–17h): 0.00 mm
9/9/2025	59.82	24.28	36.1	23.72	48	-23.13%	2025-09-09 | High(9–17h): 82.8°F | Low(9–17h): 71.4°F | Avg Cloud(9–17h): 81% | Avg Rad(9–17h): 546.4 W/m² | Precip(9–17h): 0.00 mm
10/1/2022	59.59	15.25	33.07	26.52	41.77		2022-10-01 | High(9–17h): 91.4°F | Low(9–17h): 76.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 535.7 W/m² | Precip(9–17h): 0.00 mm
10/1/2023	66	16.53	41.92	24.08	40.61	-2.78%	2023-10-01 | High(9–17h): 76.6°F | Low(9–17h): 64.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 533.7 W/m² | Precip(9–17h): 0.00 mm
10/1/2024	59.46	24.97	29.65	29.81	54.78	34.89%	2024-10-01 | High(9–17h): 102.0°F | Low(9–17h): 80.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 536.6 W/m² | Precip(9–17h): 0.00 mm
10/1/2025	28.16	21.75	19.19	8.97	30.72	-43.92%	2025-10-01 | High(9–17h): 73.6°F | Low(9–17h): 61.5°F | Avg Cloud(9–17h): 62% | Avg Rad(9–17h): 267.1 W/m² | Precip(9–17h): 0.00 mm
10/2/2022	58.26	11.53	35	23.26	34.79		2022-10-02 | High(9–17h): 86.2°F | Low(9–17h): 68.9°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 521.2 W/m² | Precip(9–17h): 0.00 mm
10/2/2023	57.67	21.28	39.57	18.1	39.38	13.19%	2023-10-02 | High(9–17h): 79.2°F | Low(9–17h): 64.4°F | Avg Cloud(9–17h): 91% | Avg Rad(9–17h): 499.3 W/m² | Precip(9–17h): 0.00 mm
10/2/2024	59.33	29.12	30.14	29.19	58.31	48.07%	2024-10-02 | High(9–17h): 102.4°F | Low(9–17h): 80.2°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 533.9 W/m² | Precip(9–17h): 0.00 mm
10/2/2025	29.37	22.49	18.39	10.98	33.47	-42.60%	2025-10-02 | High(9–17h): 70.3°F | Low(9–17h): 64.8°F | Avg Cloud(9–17h): 91% | Avg Rad(9–17h): 249.8 W/m² | Precip(9–17h): 0.10 mm
10/3/2022	57.23	17.29	30.76	26.47	43.76		2022-10-03 | High(9–17h): 90.0°F | Low(9–17h): 71.2°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 519.1 W/m² | Precip(9–17h): 0.00 mm
10/3/2023	60.95	23.3	35.84	25.11	48.41	10.63%	2023-10-03 | High(9–17h): 84.9°F | Low(9–17h): 68.4°F | Avg Cloud(9–17h): 7% | Avg Rad(9–17h): 509.9 W/m² | Precip(9–17h): 0.00 mm
10/3/2024	59.02	24.67	33.73	25.29	49.96	3.20%	2024-10-03 | High(9–17h): 97.9°F | Low(9–17h): 79.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 528.1 W/m² | Precip(9–17h): 0.00 mm
10/3/2025	52.84	24.83	32.68	20.16	44.99	-9.95%	2025-10-03 | High(9–17h): 71.1°F | Low(9–17h): 62.2°F | Avg Cloud(9–17h): 12% | Avg Rad(9–17h): 461.0 W/m² | Precip(9–17h): 0.30 mm
10/4/2022	56.77	13.6	39.84	16.93	30.53		2022-10-04 | High(9–17h): 88.9°F | Low(9–17h): 70.7°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 511.6 W/m² | Precip(9–17h): 0.00 mm
10/4/2023	63	25.07	36.36	26.64	51.71	69.37%	2023-10-04 | High(9–17h): 89.4°F | Low(9–17h): 72.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 517.0 W/m² | Precip(9–17h): 0.00 mm
10/4/2024	58.13	28.05	30.4	27.73	55.78	7.87%	2024-10-04 | High(9–17h): 95.5°F | Low(9–17h): 77.7°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 513.0 W/m² | Precip(9–17h): 0.00 mm
10/4/2025	63.97	20.51	42.82	21.15	41.66	-25.31%	2025-10-04 | High(9–17h): 78.8°F | Low(9–17h): 64.2°F | Avg Cloud(9–17h): 6% | Avg Rad(9–17h): 510.6 W/m² | Precip(9–17h): 0.00 mm
10/5/2022	56.15	18.66	30.86	25.29	43.95		2022-10-05 | High(9–17h): 91.8°F | Low(9–17h): 73.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 506.9 W/m² | Precip(9–17h): 0.00 mm
10/5/2023	59.25	23.59	30.25	29	52.59	19.66%	2023-10-05 | High(9–17h): 90.7°F | Low(9–17h): 74.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 508.0 W/m² | Precip(9–17h): 0.00 mm
10/5/2024	56.8	21	29.23	27.57	48.57	-7.64%	2024-10-05 | High(9–17h): 97.9°F | Low(9–17h): 77.2°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 507.7 W/m² | Precip(9–17h): 0.00 mm
10/5/2025	63.12	16.21	40.27	22.85	39.06	-19.58%	2025-10-05 | High(9–17h): 81.0°F | Low(9–17h): 66.7°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 510.6 W/m² | Precip(9–17h): 0.00 mm
10/6/2022	55.1	17.43	30.44	24.66	42.09		2022-10-06 | High(9–17h): 92.5°F | Low(9–17h): 75.6°F | Avg Cloud(9–17h): 64% | Avg Rad(9–17h): 498.9 W/m² | Precip(9–17h): 0.00 mm
10/6/2023	56.67	30.38	19.82	36.85	67.23	59.73%	2023-10-06 | High(9–17h): 91.0°F | Low(9–17h): 74.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 504.9 W/m² | Precip(9–17h): 0.00 mm
10/6/2024	56.54	27.42	30.59	25.95	53.37	-20.62%	2024-10-06 | High(9–17h): 100.4°F | Low(9–17h): 79.5°F | Avg Cloud(9–17h): 10% | Avg Rad(9–17h): 500.6 W/m² | Precip(9–17h): 0.00 mm
10/6/2025	63.33	13.32	52.5	10.83	24.15	-54.75%	2025-10-06 | High(9–17h): 85.1°F | Low(9–17h): 67.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 510.0 W/m² | Precip(9–17h): 0.00 mm
10/7/2022	54.66	18.23	27.77	26.89	45.12		2022-10-07 | High(9–17h): 96.6°F | Low(9–17h): 75.7°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 504.7 W/m² | Precip(9–17h): 0.00 mm
10/7/2023	56.4	28.84	15.12	41.28	70.12	55.41%	2023-10-07 | High(9–17h): 91.2°F | Low(9–17h): 74.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 502.4 W/m² | Precip(9–17h): 0.00 mm
10/7/2024	52.36	31.27	25.74	26.62	57.89	-17.44%	2024-10-07 | High(9–17h): 100.4°F | Low(9–17h): 80.2°F | Avg Cloud(9–17h): 37% | Avg Rad(9–17h): 485.0 W/m² | Precip(9–17h): 0.00 mm
10/7/2025	61.13	14.41	32.72	28.41	42.82	-26.03%	2025-10-07 | High(9–17h): 88.9°F | Low(9–17h): 70.5°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 502.2 W/m² | Precip(9–17h): 0.00 mm
10/8/2022	53.31	18.36	29.59	23.72	42.08		2022-10-08 | High(9–17h): 98.4°F | Low(9–17h): 76.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 499.0 W/m² | Precip(9–17h): 0.00 mm
10/8/2023	58.03	23.58	30.22	27.81	51.39	22.12%	2023-10-08 | High(9–17h): 90.1°F | Low(9–17h): 73.4°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 496.1 W/m² | Precip(9–17h): 0.00 mm
10/8/2024	55.65	22.58	29.26	26.39	48.97	-4.71%	2024-10-08 | High(9–17h): 98.4°F | Low(9–17h): 78.6°F | Avg Cloud(9–17h): 4% | Avg Rad(9–17h): 495.7 W/m² | Precip(9–17h): 0.00 mm
10/8/2025	59.34	13.37	44.25	15.09	28.46	-41.88%	2025-10-08 | High(9–17h): 87.3°F | Low(9–17h): 69.1°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 494.3 W/m² | Precip(9–17h): 0.00 mm
10/9/2022	52.53	27.9	25.63	26.9	54.8		2022-10-09 | High(9–17h): 96.3°F | Low(9–17h): 74.8°F | Avg Cloud(9–17h): 8% | Avg Rad(9–17h): 493.1 W/m² | Precip(9–17h): 0.00 mm
10/9/2023	29.45	21.58	11.55	17.9	39.48	-27.96%	2023-10-09 | High(9–17h): 70.9°F | Low(9–17h): 65.1°F | Avg Cloud(9–17h): 44% | Avg Rad(9–17h): 284.3 W/m² | Precip(9–17h): 0.00 mm
10/9/2024	48.63	22.47	31.24	17.39	39.86	0.96%	2024-10-09 | High(9–17h): 89.2°F | Low(9–17h): 74.3°F | Avg Cloud(9–17h): 88% | Avg Rad(9–17h): 442.6 W/m² | Precip(9–17h): 0.00 mm
10/9/2025	24.43	14.82	14.74	9.69	24.51	-38.51%	2025-10-09 | High(9–17h): 73.6°F | Low(9–17h): 64.8°F | Avg Cloud(9–17h): 64% | Avg Rad(9–17h): 294.3 W/m² | Precip(9–17h): 0.00 mm
1/10/2023	13.05	16.49	6.08	6.97	23.46		2023-01-10 | High(9–17h): 51.3°F | Low(9–17h): 48.9°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 119.8 W/m² | Precip(9–17h): 0.60 mm
1/10/2024	15.69	14.54	7.15	8.54	23.08	-1.62%	2024-01-10 | High(9–17h): 51.8°F | Low(9–17h): 43.7°F | Avg Cloud(9–17h): 77% | Avg Rad(9–17h): 132.1 W/m² | Precip(9–17h): 0.80 mm
1/10/2025	34.96	11.08	29.01	5.95	17.03	-26.21%	2025-01-10 | High(9–17h): 58.1°F | Low(9–17h): 47.5°F | Avg Cloud(9–17h): 57% | Avg Rad(9–17h): 278.9 W/m² | Precip(9–17h): 0.00 mm
11/1/2022	21.64	17.42	12.86	8.78	26.2		2022-11-01 | High(9–17h): 57.9°F | Low(9–17h): 52.9°F | Avg Cloud(9–17h): 53% | Avg Rad(9–17h): 138.9 W/m² | Precip(9–17h): 9.90 mm
1/11/2023	6.2	11.88	1.58	4.62	16.5		2023-01-11 | High(9–17h): 49.1°F | Low(9–17h): 47.7°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 49.8 W/m² | Precip(9–17h): 7.00 mm
11/1/2023	36.44	9.39	27.35	9.09	18.48	12.00%	2023-11-01 | High(9–17h): 74.7°F | Low(9–17h): 55.6°F | Avg Cloud(9–17h): 71% | Avg Rad(9–17h): 342.4 W/m² | Precip(9–17h): 0.00 mm
1/11/2024	35.83	18.92	26.6	9.23	28.15	52.33%	2024-01-11 | High(9–17h): 48.7°F | Low(9–17h): 36.0°F | Avg Cloud(9–17h): 60% | Avg Rad(9–17h): 291.1 W/m² | Precip(9–17h): 0.00 mm
11/1/2024	17.32	12.67	10.85	6.47	19.14	-32.01%	2024-11-01 | High(9–17h): 61.7°F | Low(9–17h): 52.2°F | Avg Cloud(9–17h): 97% | Avg Rad(9–17h): 213.4 W/m² | Precip(9–17h): 8.50 mm
1/11/2025	41.47	14.32	30.28	11.19	25.51	33.28%	2025-01-11 | High(9–17h): 58.8°F | Low(9–17h): 46.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 307.0 W/m² | Precip(9–17h): 0.00 mm
11/1/2025	0	13.26	0	0	13.26	-48.02%	2025-11-01 | High(9–17h): 73.4°F | Low(9–17h): 60.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 379.6 W/m² | Precip(9–17h): 0.00 mm
11/2/2022	38.3	14.77	25.67	12.63	27.4		2022-11-02 | High(9–17h): 53.8°F | Low(9–17h): 48.6°F | Avg Cloud(9–17h): 79% | Avg Rad(9–17h): 241.6 W/m² | Precip(9–17h): 3.70 mm

Date/Time	Energy Delivered (kWh)	PG&E Import	PG&E Export	Home consur	Total used	Dif	0
1/12/2023	22.61	8.98	16.2	6.41	15.39		2023-01-12 | High(9–17h): 60.1°F | Low(9–17h): 52.2°F | Avg Cloud(9–17h): 99% | Avg Rad(9–17h): 225.4 W/m² | Precip(9–17h): 0.00 mm
11/2/2023	15.55	19.16	7.57	7.98	27.14	76.35%	2023-11-02 | High(9–17h): 67.8°F | Low(9–17h): 58.1°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 191.4 W/m² | Precip(9–17h): 0.40 mm
1/12/2024	15.71	21.67	7.11	8.6	30.27	11.53%	2024-01-12 | High(9–17h): 47.5°F | Low(9–17h): 38.8°F | Avg Cloud(9–17h): 97% | Avg Rad(9–17h): 159.9 W/m² | Precip(9–17h): 0.00 mm
11/2/2024	33.94	12.06	26.38	7.56	19.62	-35.18%	2024-11-02 | High(9–17h): 60.8°F | Low(9–17h): 54.3°F | Avg Cloud(9–17h): 62% | Avg Rad(9–17h): 241.7 W/m² | Precip(9–17h): 0.00 mm
1/12/2025	41.81	15.17	30.22	11.59	26.76	36.39%	2025-01-12 | High(9–17h): 58.8°F | Low(9–17h): 45.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 306.8 W/m² | Precip(9–17h): 0.00 mm
11/2/2025	0	23.33	0	0	23.33	-12.82%	2025-11-02 | High(9–17h): 78.1°F | Low(9–17h): 62.2°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 368.6 W/m² | Precip(9–17h): 0.00 mm
11/3/2022	51.45	15.36	38.38	13.07	28.43		2022-11-03 | High(9–17h): 59.5°F | Low(9–17h): 45.9°F | Avg Cloud(9–17h): 39% | Avg Rad(9–17h): 383.2 W/m² | Precip(9–17h): 0.00 mm
1/13/2023	2.28	15.36	0	2.28	17.64		2023-01-13 | High(9–17h): 51.8°F | Low(9–17h): 50.2°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 20.2 W/m² | Precip(9–17h): 15.00 mm
11/3/2023	39.18	10.44	31.36	7.82	18.26	3.51%	2023-11-03 | High(9–17h): 79.9°F | Low(9–17h): 61.5°F | Avg Cloud(9–17h): 42% | Avg Rad(9–17h): 351.8 W/m² | Precip(9–17h): 0.00 mm
1/13/2024	2.42	22.86	0	2.42	25.28	38.44%	2024-01-13 | High(9–17h): 47.8°F | Low(9–17h): 41.4°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 46.3 W/m² | Precip(9–17h): 19.00 mm
11/3/2024	49.87	28.41	30.43	19.44	47.85	89.28%	2024-11-03 | High(9–17h): 66.7°F | Low(9–17h): 54.9°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 375.4 W/m² | Precip(9–17h): 0.00 mm
1/13/2025	39.62	18.75	32.99	6.63	25.38	-46.96%	2025-01-13 | High(9–17h): 58.6°F | Low(9–17h): 43.9°F | Avg Cloud(9–17h): 49% | Avg Rad(9–17h): 300.7 W/m² | Precip(9–17h): 0.00 mm
11/3/2025	0	13.44	0	0	13.44	-47.04%	2025-11-03 | High(9–17h): 74.5°F | Low(9–17h): 62.2°F | Avg Cloud(9–17h): 39% | Avg Rad(9–17h): 349.8 W/m² | Precip(9–17h): 0.00 mm
11/4/2022	37.39	16.06	25.4	11.99	28.05		2022-11-04 | High(9–17h): 59.9°F | Low(9–17h): 49.8°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 232.0 W/m² | Precip(9–17h): 0.00 mm
1/14/2023	16.44	18.36	7.75	8.69	27.05		2023-01-14 | High(9–17h): 55.0°F | Low(9–17h): 50.9°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 107.0 W/m² | Precip(9–17h): 7.10 mm
11/4/2023	17.03	13.93	9.61	7.42	21.35	-21.07%	2023-11-04 | High(9–17h): 73.8°F | Low(9–17h): 65.7°F | Avg Cloud(9–17h): 77% | Avg Rad(9–17h): 213.9 W/m² | Precip(9–17h): 0.20 mm
1/14/2024	7.93	14.95	1.63	6.3	21.25	-0.47%	2024-01-14 | High(9–17h): 54.9°F | Low(9–17h): 48.9°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 117.1 W/m² | Precip(9–17h): 0.30 mm
11/4/2024	47.41	14.8	37.4	10.01	24.81	16.75%	2024-11-04 | High(9–17h): 72.3°F | Low(9–17h): 55.2°F | Avg Cloud(9–17h): 52% | Avg Rad(9–17h): 338.6 W/m² | Precip(9–17h): 0.00 mm
1/14/2025	40.67	12.88	34.7	5.97	18.85	-24.02%	2025-01-14 | High(9–17h): 61.0°F | Low(9–17h): 44.1°F | Avg Cloud(9–17h): 18% | Avg Rad(9–17h): 306.1 W/m² | Precip(9–17h): 0.00 mm
11/4/2025	7.92	6.62	5.59	2.33	8.95	-52.52%	2025-11-04 | High(9–17h): 67.3°F | Low(9–17h): 55.6°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 107.2 W/m² | Precip(9–17h): 3.30 mm
11/5/2022	3.67	24.3	0	3.67	27.97		2022-11-05 | High(9–17h): 54.5°F | Low(9–17h): 51.6°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 40.0 W/m² | Precip(9–17h): 4.40 mm
1/15/2023	13.69	12.13	8.02	5.67	17.8		2023-01-15 | High(9–17h): 50.7°F | Low(9–17h): 45.9°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 131.7 W/m² | Precip(9–17h): 0.60 mm
11/5/2023	22.77	6.48	14.49	8.28	14.76	-17.08%	2023-11-05 | High(9–17h): 67.8°F | Low(9–17h): 61.5°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 139.8 W/m² | Precip(9–17h): 0.10 mm
1/15/2024	38.28	17.3	29.04	9.24	26.54	79.81%	2024-01-15 | High(9–17h): 58.3°F | Low(9–17h): 42.6°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 304.7 W/m² | Precip(9–17h): 0.00 mm
11/5/2024	35.36	22.77	25.72	9.64	32.41	22.12%	2024-11-05 | High(9–17h): 69.3°F | Low(9–17h): 57.7°F | Avg Cloud(9–17h): 85% | Avg Rad(9–17h): 344.1 W/m² | Precip(9–17h): 0.00 mm
1/15/2025	40.11	10.85	33.64	6.47	17.32	-46.56%	2025-01-15 | High(9–17h): 59.5°F | Low(9–17h): 44.6°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 304.0 W/m² | Precip(9–17h): 0.00 mm
11/5/2025	19.04	18.38	12.58	6.46	24.84	43.42%	2025-11-05 | High(9–17h): 63.0°F | Low(9–17h): 57.7°F | Avg Cloud(9–17h): 87% | Avg Rad(9–17h): 199.2 W/m² | Precip(9–17h): 0.00 mm
11/6/2022	27.01	19.67	13.55	13.46	33.13		2022-11-06 | High(9–17h): 60.1°F | Low(9–17h): 50.9°F | Avg Cloud(9–17h): 78% | Avg Rad(9–17h): 237.0 W/m² | Precip(9–17h): 0.90 mm
1/16/2023	16.75	10.13	10.11	6.64	16.77		2023-01-16 | High(9–17h): 54.5°F | Low(9–17h): 44.2°F | Avg Cloud(9–17h): 81% | Avg Rad(9–17h): 170.0 W/m² | Precip(9–17h): 0.00 mm
11/6/2023	36	16.22	28.37	7.63	23.85	42.22%	2023-11-06 | High(9–17h): 70.7°F | Low(9–17h): 58.8°F | Avg Cloud(9–17h): 37% | Avg Rad(9–17h): 306.1 W/m² | Precip(9–17h): 0.30 mm
1/16/2024	4.9	20.87	0	4.9	25.77	8.05%	2024-01-16 | High(9–17h): 45.3°F | Low(9–17h): 42.1°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 61.4 W/m² | Precip(9–17h): 2.30 mm
11/6/2024	47.96	9.54	41.6	6.36	15.9	-38.30%	2024-11-06 | High(9–17h): 66.9°F | Low(9–17h): 54.5°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 369.7 W/m² | Precip(9–17h): 0.00 mm
1/16/2025	40.13	11.72	33.13	7	18.72	17.74%	2025-01-16 | High(9–17h): 60.4°F | Low(9–17h): 43.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 307.2 W/m² | Precip(9–17h): 0.00 mm
11/6/2025	18.62	11.29	13.94	4.68	15.97	-14.69%	2025-11-06 | High(9–17h): 65.3°F | Low(9–17h): 58.6°F | Avg Cloud(9–17h): 90% | Avg Rad(9–17h): 203.6 W/m² | Precip(9–17h): 0.10 mm
11/7/2022	23.35	25.24	13.01	10.34	35.58		2022-11-07 | High(9–17h): 54.7°F | Low(9–17h): 46.8°F | Avg Cloud(9–17h): 89% | Avg Rad(9–17h): 246.4 W/m² | Precip(9–17h): 0.80 mm
1/17/2023	42.88	9.62	34.3	8.58	18.2		2023-01-17 | High(9–17h): 54.7°F | Low(9–17h): 38.3°F | Avg Cloud(9–17h): 25% | Avg Rad(9–17h): 311.9 W/m² | Precip(9–17h): 0.00 mm
11/7/2023	47.62	13.4	37.37	10.25	23.65	29.95%	2023-11-07 | High(9–17h): 64.0°F | Low(9–17h): 53.1°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 352.8 W/m² | Precip(9–17h): 0.00 mm
1/17/2024	25.13	13.32	16.32	8.81	22.13	-6.43%	2024-01-17 | High(9–17h): 56.8°F | Low(9–17h): 49.1°F | Avg Cloud(9–17h): 98% | Avg Rad(9–17h): 144.2 W/m² | Precip(9–17h): 0.20 mm
11/7/2024	47.74	10.42	40.53	7.21	17.63	-20.33%	2024-11-07 | High(9–17h): 69.8°F | Low(9–17h): 55.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 364.1 W/m² | Precip(9–17h): 0.00 mm
1/17/2025	40.16	19.24	32.95	7.21	26.45	50.03%	2025-01-17 | High(9–17h): 56.3°F | Low(9–17h): 43.2°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 312.4 W/m² | Precip(9–17h): 0.00 mm
11/7/2025	41.98	8.79	36.96	5.02	13.81	-47.79%	2025-11-07 | High(9–17h): 67.8°F | Low(9–17h): 60.4°F | Avg Cloud(9–17h): 40% | Avg Rad(9–17h): 339.4 W/m² | Precip(9–17h): 0.00 mm
11/8/2022	5.74	23.09	0.13	5.61	28.7		2022-11-08 | High(9–17h): 45.9°F | Low(9–17h): 41.7°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 40.8 W/m² | Precip(9–17h): 15.00 mm
1/18/2023	13.45	15.28	4.79	8.66	23.94		2023-01-18 | High(9–17h): 47.7°F | Low(9–17h): 40.6°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 133.8 W/m² | Precip(9–17h): 0.90 mm
11/8/2023	45.71	14.66	34.63	11.08	25.74	7.52%	2023-11-08 | High(9–17h): 67.1°F | Low(9–17h): 52.2°F | Avg Cloud(9–17h): 36% | Avg Rad(9–17h): 363.9 W/m² | Precip(9–17h): 0.00 mm
1/18/2024	14.33	12.6	6	8.33	20.93	-18.69%	2024-01-18 | High(9–17h): 56.8°F | Low(9–17h): 47.5°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 148.0 W/m² | Precip(9–17h): 0.00 mm
11/8/2024	45.29	11.81	37.56	7.73	19.54	-6.64%	2024-11-08 | High(9–17h): 68.2°F | Low(9–17h): 52.0°F | Avg Cloud(9–17h): 45% | Avg Rad(9–17h): 357.6 W/m² | Precip(9–17h): 0.00 mm
1/18/2025	42.18	24.78	31.78	10.4	35.18	80.04%	2025-01-18 | High(9–17h): 57.9°F | Low(9–17h): 42.3°F | Avg Cloud(9–17h): 4% | Avg Rad(9–17h): 328.1 W/m² | Precip(9–17h): 0.00 mm
11/8/2025	45.34	17.07	37.1	8.24	25.31	-28.06%	2025-11-08 | High(9–17h): 73.4°F | Low(9–17h): 59.5°F | Avg Cloud(9–17h): 34% | Avg Rad(9–17h): 347.2 W/m² | Precip(9–17h): 0.00 mm
11/9/2022	27.63	11.36	20.74	6.89	18.25		2022-11-09 | High(9–17h): 52.9°F | Low(9–17h): 45.3°F | Avg Cloud(9–17h): 57% | Avg Rad(9–17h): 230.8 W/m² | Precip(9–17h): 0.00 mm
1/19/2023	44.61	18.58	34.6	10.01	28.59		2023-01-19 | High(9–17h): 52.7°F | Low(9–17h): 36.9°F | Avg Cloud(9–17h): 12% | Avg Rad(9–17h): 320.6 W/m² | Precip(9–17h): 0.00 mm
11/9/2023	32.9	9.25	23.47	9.43	18.68	-34.66%	2023-11-09 | High(9–17h): 61.9°F | Low(9–17h): 48.6°F | Avg Cloud(9–17h): 90% | Avg Rad(9–17h): 285.1 W/m² | Precip(9–17h): 0.00 mm
1/19/2024	20.73	12.37	13.28	7.45	19.82	6.10%	2024-01-19 | High(9–17h): 58.3°F | Low(9–17h): 47.5°F | Avg Cloud(9–17h): 98% | Avg Rad(9–17h): 257.4 W/m² | Precip(9–17h): 0.00 mm
11/9/2024	37.6	24.88	21.05	16.55	41.43	109.03%	2024-11-09 | High(9–17h): 66.6°F | Low(9–17h): 51.6°F | Avg Cloud(9–17h): 77% | Avg Rad(9–17h): 313.6 W/m² | Precip(9–17h): 0.00 mm
1/19/2025	42.35	14.58	34.14	8.21	22.79	-44.99%	2025-01-19 | High(9–17h): 55.8°F | Low(9–17h): 39.2°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 323.8 W/m² | Precip(9–17h): 0.00 mm
11/9/2025	41.89	10.58	36.93	4.96	15.54	-31.81%	2025-11-09 | High(9–17h): 75.6°F | Low(9–17h): 59.5°F | Avg Cloud(9–17h): 98% | Avg Rad(9–17h): 340.2 W/m² | Precip(9–17h): 0.00 mm
1/20/2023	46.3	9.87	37.15	9.15	19.02		2023-01-20 | High(9–17h): 52.0°F | Low(9–17h): 37.2°F | Avg Cloud(9–17h): 2% | Avg Rad(9–17h): 332.4 W/m² | Precip(9–17h): 0.00 mm
1/20/2024	6.27	21.61	0.02	6.25	27.86	46.48%	2024-01-20 | High(9–17h): 55.8°F | Low(9–17h): 52.2°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 83.6 W/m² | Precip(9–17h): 4.20 mm
1/20/2025	44.68	13.51	35.53	9.15	22.66	-18.66%	2025-01-20 | High(9–17h): 57.7°F | Low(9–17h): 41.4°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 339.2 W/m² | Precip(9–17h): 0.00 mm

Date/Time	Energy Delivered (kWh)	PG&E Import	PG&E Export	Home consur	Total used	Dif	0
12/1/2022	15.27	16.14	0.8	14.47	30.61		2022-12-01 | High(9–17h): 50.7°F | Low(9–17h): 40.6°F | Avg Cloud(9–17h): 68% | Avg Rad(9–17h): 155.7 W/m² | Precip(9–17h): 2.40 mm
1/21/2023	42.64	8.58	32.94	9.7	18.28		2023-01-21 | High(9–17h): 50.7°F | Low(9–17h): 36.3°F | Avg Cloud(9–17h): 58% | Avg Rad(9–17h): 321.2 W/m² | Precip(9–17h): 0.00 mm
12/1/2023	19.76	15.85	10	9.76	25.61	40.10%	2023-12-01 | High(9–17h): 53.8°F | Low(9–17h): 44.4°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 102.7 W/m² | Precip(9–17h): 0.00 mm
1/21/2024	5.13	22.83	0	5.13	27.96	9.18%	2024-01-21 | High(9–17h): 54.5°F | Low(9–17h): 52.3°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 60.4 W/m² | Precip(9–17h): 5.60 mm
12/1/2024	25.11	15.79	17.54	7.57	23.36	-16.45%	2024-12-01 | High(9–17h): 56.8°F | Low(9–17h): 45.3°F | Avg Cloud(9–17h): 57% | Avg Rad(9–17h): 263.3 W/m² | Precip(9–17h): 0.00 mm
1/21/2025	43.2	11.08	35.85	7.35	18.43	-21.10%	2025-01-21 | High(9–17h): 54.7°F | Low(9–17h): 38.8°F | Avg Cloud(9–17h): 10% | Avg Rad(9–17h): 338.2 W/m² | Precip(9–17h): 0.00 mm
12/1/2025	30.21	17.84	25.05	5.16	23	24.80%	2025-12-01 | High(9–17h): 55.0°F | Low(9–17h): 43.3°F | Avg Cloud(9–17h): 53% | Avg Rad(9–17h): 275.2 W/m² | Precip(9–17h): 0.00 mm
12/2/2022	38.79	17.05	27.21	11.58	28.63		2022-12-02 | High(9–17h): 49.3°F | Low(9–17h): 36.3°F | Avg Cloud(9–17h): 10% | Avg Rad(9–17h): 297.1 W/m² | Precip(9–17h): 0.00 mm
1/22/2023	48.71	12.65	40.51	8.2	20.85		2023-01-22 | High(9–17h): 54.0°F | Low(9–17h): 39.4°F | Avg Cloud(9–17h): 27% | Avg Rad(9–17h): 334.4 W/m² | Precip(9–17h): 0.00 mm
12/2/2023	4.7	21.44	0.06	4.64	26.08	25.08%	2023-12-02 | High(9–17h): 55.6°F | Low(9–17h): 50.2°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 59.4 W/m² | Precip(9–17h): 0.90 mm
1/22/2024	11.66	17.2	3.41	8.25	25.45	-2.42%	2024-01-22 | High(9–17h): 56.1°F | Low(9–17h): 52.3°F | Avg Cloud(9–17h): 98% | Avg Rad(9–17h): 106.0 W/m² | Precip(9–17h): 1.20 mm
12/2/2024	37.98	14.29	31.45	6.53	20.82	-18.19%	2024-12-02 | High(9–17h): 59.2°F | Low(9–17h): 45.7°F | Avg Cloud(9–17h): 62% | Avg Rad(9–17h): 255.7 W/m² | Precip(9–17h): 0.00 mm
1/22/2025	42.48	17.84	37.45	5.03	22.87	9.85%	2025-01-22 | High(9–17h): 64.0°F | Low(9–17h): 45.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 338.9 W/m² | Precip(9–17h): 0.00 mm
12/2/2025	30.27	15.13	24.87	5.4	20.53	-10.23%	2025-12-02 | High(9–17h): 58.5°F | Low(9–17h): 46.2°F | Avg Cloud(9–17h): 72% | Avg Rad(9–17h): 277.6 W/m² | Precip(9–17h): 0.00 mm
12/3/2022	6.96	21.32	0	6.96	28.28		2022-12-03 | High(9–17h): 42.4°F | Low(9–17h): 40.3°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 34.7 W/m² | Precip(9–17h): 6.30 mm
1/23/2023	47.31	14.65	35.01	12.3	26.95		2023-01-23 | High(9–17h): 58.6°F | Low(9–17h): 42.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 338.3 W/m² | Precip(9–17h): 0.00 mm
12/3/2023	9.31	30.39	0.13	9.18	39.57	46.83%	2023-12-03 | High(9–17h): 62.1°F | Low(9–17h): 55.6°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 77.2 W/m² | Precip(9–17h): 0.20 mm
1/23/2024	29.07	10.81	19.13	9.94	20.75	-47.56%	2024-01-23 | High(9–17h): 60.6°F | Low(9–17h): 49.6°F | Avg Cloud(9–17h): 69% | Avg Rad(9–17h): 296.8 W/m² | Precip(9–17h): 0.00 mm
12/3/2024	37.66	13.6	28.89	8.77	22.37	7.81%	2024-12-03 | High(9–17h): 61.5°F | Low(9–17h): 46.6°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 280.2 W/m² | Precip(9–17h): 0.00 mm
1/23/2025	43.16	10.95	36.87	6.29	17.24	-22.93%	2025-01-23 | High(9–17h): 61.7°F | Low(9–17h): 46.4°F | Avg Cloud(9–17h): 23% | Avg Rad(9–17h): 338.9 W/m² | Precip(9–17h): 0.00 mm
12/3/2025	27.59	9.98	22.94	4.65	14.63	-15.14%	2025-12-03 | High(9–17h): 58.6°F | Low(9–17h): 48.2°F | Avg Cloud(9–17h): 79% | Avg Rad(9–17h): 226.8 W/m² | Precip(9–17h): 0.00 mm
12/4/2022	9.12	25.72	4.44	4.68	30.4		2022-12-04 | High(9–17h): 51.4°F | Low(9–17h): 46.0°F | Avg Cloud(9–17h): 63% | Avg Rad(9–17h): 117.3 W/m² | Precip(9–17h): 4.00 mm
1/24/2023	44.9	9.73	34.7	10.2	19.93		2023-01-24 | High(9–17h): 65.3°F | Low(9–17h): 45.0°F | Avg Cloud(9–17h): 2% | Avg Rad(9–17h): 338.3 W/m² | Precip(9–17h): 0.00 mm
12/4/2023	36.87	17.04	27.49	9.38	26.42	32.56%	2023-12-04 | High(9–17h): 65.8°F | Low(9–17h): 52.0°F | Avg Cloud(9–17h): 2% | Avg Rad(9–17h): 268.0 W/m² | Precip(9–17h): 0.00 mm
1/24/2024	5.38	21.94	0	5.38	27.32	3.41%	2024-01-24 | High(9–17h): 54.3°F | Low(9–17h): 51.3°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 62.2 W/m² | Precip(9–17h): 2.00 mm
12/4/2024	37.89	13.46	28.78	9.11	22.57	-17.39%	2024-12-04 | High(9–17h): 61.7°F | Low(9–17h): 46.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 282.2 W/m² | Precip(9–17h): 0.00 mm
1/24/2025	31.33	16.69	24.44	6.89	23.58	4.47%	2025-01-24 | High(9–17h): 59.5°F | Low(9–17h): 46.2°F | Avg Cloud(9–17h): 70% | Avg Rad(9–17h): 278.9 W/m² | Precip(9–17h): 0.00 mm
12/4/2025	14.23	0	0	14.23	14.23	-39.65%	2025-12-04 | High(9–17h): 56.1°F | Low(9–17h): 44.2°F | Avg Cloud(9–17h): 65% | Avg Rad(9–17h): 265.4 W/m² | Precip(9–17h): 0.00 mm
12/5/2022	21.68	20.38	11.85	9.83	30.21		2022-12-05 | High(9–17h): 51.1°F | Low(9–17h): 46.2°F | Avg Cloud(9–17h): 94% | Avg Rad(9–17h): 115.1 W/m² | Precip(9–17h): 3.70 mm
1/25/2023	45.96	19.13	35.3	10.66	29.79		2023-01-25 | High(9–17h): 64.4°F | Low(9–17h): 46.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 342.4 W/m² | Precip(9–17h): 0.00 mm
12/5/2023	25.36	18.04	14.85	10.51	28.55	-4.16%	2023-12-05 | High(9–17h): 63.7°F | Low(9–17h): 49.8°F | Avg Cloud(9–17h): 99% | Avg Rad(9–17h): 225.2 W/m² | Precip(9–17h): 0.00 mm
1/25/2024	21.83	10.13	14.37	7.46	17.59	-38.39%	2024-01-25 | High(9–17h): 58.1°F | Low(9–17h): 50.4°F | Avg Cloud(9–17h): 76% | Avg Rad(9–17h): 262.3 W/m² | Precip(9–17h): 0.90 mm
12/5/2024	34.11	13.4	28.32	5.79	19.19	9.10%	2024-12-05 | High(9–17h): 63.0°F | Low(9–17h): 47.7°F | Avg Cloud(9–17h): 8% | Avg Rad(9–17h): 270.1 W/m² | Precip(9–17h): 0.00 mm
1/25/2025	44.19	12.58	35.9	8.29	20.87	8.75%	2025-01-25 | High(9–17h): 56.3°F | Low(9–17h): 44.4°F | Avg Cloud(9–17h): 31% | Avg Rad(9–17h): 306.9 W/m² | Precip(9–17h): 0.00 mm
12/5/2025	6.39	0	0	6.39	6.39	-69.38%	2025-12-05 | High(9–17h): 55.0°F | Low(9–17h): 42.4°F | Avg Cloud(9–17h): 70% | Avg Rad(9–17h): 227.9 W/m² | Precip(9–17h): 0.00 mm
12/6/2022	38.89	17.42	32.73	6.16	23.58		2022-12-06 | High(9–17h): 55.2°F | Low(9–17h): 43.9°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 275.9 W/m² | Precip(9–17h): 0.00 mm
1/26/2023	46.82	14.18	36.08	10.74	24.92		2023-01-26 | High(9–17h): 63.0°F | Low(9–17h): 47.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 349.1 W/m² | Precip(9–17h): 0.00 mm
12/6/2023	4.26	20.7	0	4.26	24.96	0.16%	2023-12-06 | High(9–17h): 57.4°F | Low(9–17h): 49.6°F | Avg Cloud(9–17h): 96% | Avg Rad(9–17h): 83.6 W/m² | Precip(9–17h): 9.20 mm
1/26/2024	10.05	21.32	1.83	8.22	29.54	18.35%	2024-01-26 | High(9–17h): 58.3°F | Low(9–17h): 51.1°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 197.8 W/m² | Precip(9–17h): 0.00 mm
12/6/2024	34.57	11.93	28.35	6.22	18.15	-38.56%	2024-12-06 | High(9–17h): 61.0°F | Low(9–17h): 50.0°F | Avg Cloud(9–17h): 74% | Avg Rad(9–17h): 278.6 W/m² | Precip(9–17h): 0.00 mm
1/26/2025	45.69	21.66	30.52	15.17	36.83	102.92%	2025-01-26 | High(9–17h): 56.1°F | Low(9–17h): 40.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 350.3 W/m² | Precip(9–17h): 0.00 mm
12/7/2022	39.88	8.97	28.67	11.21	20.18		2022-12-07 | High(9–17h): 51.4°F | Low(9–17h): 39.2°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 281.3 W/m² | Precip(9–17h): 0.00 mm
1/27/2023	33.37	15.81	23.08	10.29	26.1		2023-01-27 | High(9–17h): 56.1°F | Low(9–17h): 45.5°F | Avg Cloud(9–17h): 45% | Avg Rad(9–17h): 309.8 W/m² | Precip(9–17h): 0.00 mm
12/7/2023	9.96	16.18	3.05	6.91	23.09	-11.53%	2023-12-07 | High(9–17h): 53.2°F | Low(9–17h): 47.1°F | Avg Cloud(9–17h): 87% | Avg Rad(9–17h): 114.3 W/m² | Precip(9–17h): 3.70 mm
1/27/2024	19.51	11.08	7.25	12.26	23.34	1.08%	2024-01-27 | High(9–17h): 60.1°F | Low(9–17h): 49.6°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 156.6 W/m² | Precip(9–17h): 6.20 mm
12/7/2024	25.01	16.38	13.05	11.96	28.34	21.42%	2024-12-07 | High(9–17h): 57.2°F | Low(9–17h): 46.6°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 216.3 W/m² | Precip(9–17h): 0.00 mm
1/27/2025	45.9	19.65	37.42	8.48	28.13	-0.74%	2025-01-27 | High(9–17h): 59.0°F | Low(9–17h): 42.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 359.4 W/m² | Precip(9–17h): 0.00 mm
12/8/2022	8.78	17.81	1.25	7.53	25.34		2022-12-08 | High(9–17h): 49.1°F | Low(9–17h): 41.5°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 98.2 W/m² | Precip(9–17h): 3.70 mm
1/28/2023	48.67	19.56	36.54	12.13	31.69		2023-01-28 | High(9–17h): 56.5°F | Low(9–17h): 43.2°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 357.6 W/m² | Precip(9–17h): 0.00 mm
12/8/2023	37.78	12.86	31.11	6.67	19.53	-38.37%	2023-12-08 | High(9–17h): 56.8°F | Low(9–17h): 42.8°F | Avg Cloud(9–17h): 19% | Avg Rad(9–17h): 278.8 W/m² | Precip(9–17h): 0.00 mm
1/28/2024	37.69	9.44	28.51	9.18	18.62	-4.66%	2024-01-28 | High(9–17h): 71.1°F | Low(9–17h): 54.9°F | Avg Cloud(9–17h): 77% | Avg Rad(9–17h): 328.0 W/m² | Precip(9–17h): 0.00 mm
12/8/2024	38.88	25.01	24.01	14.87	39.88	114.18%	2024-12-08 | High(9–17h): 63.7°F | Low(9–17h): 48.7°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 285.1 W/m² | Precip(9–17h): 0.00 mm
1/28/2025	45.05	14.65	37.23	7.82	22.47	-43.66%	2025-01-28 | High(9–17h): 55.0°F | Low(9–17h): 39.6°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 363.4 W/m² | Precip(9–17h): 0.00 mm
12/9/2022	9.52	10.79	4.7	4.82	15.61		2022-12-09 | High(9–17h): 47.3°F | Low(9–17h): 44.2°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 71.4 W/m² | Precip(9–17h): 1.10 mm
1/29/2023	33.27	11.71	20.36	12.91	24.62		2023-01-29 | High(9–17h): 51.8°F | Low(9–17h): 42.8°F | Avg Cloud(9–17h): 50% | Avg Rad(9–17h): 298.1 W/m² | Precip(9–17h): 0.30 mm
12/9/2023	32.36	12.29	21.43	10.93	23.22	-5.69%	2023-12-09 | High(9–17h): 57.0°F | Low(9–17h): 43.5°F | Avg Cloud(9–17h): 77% | Avg Rad(9–17h): 267.7 W/m² | Precip(9–17h): 0.00 mm
1/29/2024	32.25	9.54	24.28	7.97	17.51	-24.59%	2024-01-29 | High(9–17h): 65.1°F | Low(9–17h): 52.2°F | Avg Cloud(9–17h): 42% | Avg Rad(9–17h): 308.9 W/m² | Precip(9–17h): 0.00 mm
12/9/2024	39.93	20.52	32.53	7.4	27.92	59.45%	2024-12-09 | High(9–17h): 58.6°F | Low(9–17h): 44.2°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 291.8 W/m² | Precip(9–17h): 0.00 mm

Date/Time	Energy Delivered (kWh)	PG&E Import	PG&E Export	Home consur	Total used	Dif	0
1/29/2025	44.35	13.62	36.61	7.74	21.36	-23.50%	2025-01-29 | High(9–17h): 52.2°F | Low(9–17h): 38.7°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 363.6 W/m² | Precip(9–17h): 0.00 mm
1/30/2023	52.67	14.68	33.43	19.24	33.92		2023-01-30 | High(9–17h): 51.8°F | Low(9–17h): 35.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 383.2 W/m² | Precip(9–17h): 0.00 mm
1/30/2024	32.69	8.75	24.75	7.94	16.69	-50.80%	2024-01-30 | High(9–17h): 65.3°F | Low(9–17h): 54.5°F | Avg Cloud(9–17h): 50% | Avg Rad(9–17h): 333.0 W/m² | Precip(9–17h): 0.00 mm
1/30/2025	42.85	16.57	34.97	7.88	24.45	46.49%	2025-01-30 | High(9–17h): 53.4°F | Low(9–17h): 40.5°F | Avg Cloud(9–17h): 14% | Avg Rad(9–17h): 362.4 W/m² | Precip(9–17h): 0.00 mm
1/31/2023	49.55	13.02	35.11	14.44	27.46		2023-01-31 | High(9–17h): 55.9°F | Low(9–17h): 39.0°F | Avg Cloud(9–17h): 38% | Avg Rad(9–17h): 369.7 W/m² | Precip(9–17h): 0.00 mm
1/31/2024	2.65	15.8	0	2.65	18.45	-32.81%	2024-01-31 | High(9–17h): 58.5°F | Low(9–17h): 53.1°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 59.0 W/m² | Precip(9–17h): 9.70 mm
1/31/2025	2	25.67	0.08	1.92	27.59	49.54%	2025-01-31 | High(9–17h): 49.1°F | Low(9–17h): 45.7°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 60.4 W/m² | Precip(9–17h): 6.40 mm
2/10/2023	30.31	15.84	18.44	11.87	27.71		2023-02-10 | High(9–17h): 55.2°F | Low(9–17h): 45.5°F | Avg Cloud(9–17h): 89% | Avg Rad(9–17h): 291.4 W/m² | Precip(9–17h): 0.00 mm
2/10/2024	55.56	19.25	44.59	10.97	30.22	9.06%	2024-02-10 | High(9–17h): 59.9°F | Low(9–17h): 44.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 409.8 W/m² | Precip(9–17h): 0.00 mm
2/10/2025	55.45	13.18	47.42	8.03	21.21	-29.81%	2025-02-10 | High(9–17h): 53.2°F | Low(9–17h): 37.4°F | Avg Cloud(9–17h): 24% | Avg Rad(9–17h): 417.7 W/m² | Precip(9–17h): 0.00 mm
2/11/2023	47.48	9.52	39.72	7.76	17.28		2023-02-11 | High(9–17h): 63.0°F | Low(9–17h): 42.4°F | Avg Cloud(9–17h): 16% | Avg Rad(9–17h): 373.7 W/m² | Precip(9–17h): 0.00 mm
2/11/2024	52.22	10.68	39.94	12.28	22.96	32.87%	2024-02-11 | High(9–17h): 55.6°F | Low(9–17h): 41.7°F | Avg Cloud(9–17h): 23% | Avg Rad(9–17h): 401.4 W/m² | Precip(9–17h): 0.00 mm
2/11/2025	47.58	25.39	36.81	10.77	36.16	57.49%	2025-02-11 | High(9–17h): 50.5°F | Low(9–17h): 36.9°F | Avg Cloud(9–17h): 70% | Avg Rad(9–17h): 390.8 W/m² | Precip(9–17h): 0.00 mm
2/12/2023	55	9.92	41.34	13.66	23.58		2023-02-12 | High(9–17h): 67.3°F | Low(9–17h): 47.5°F | Avg Cloud(9–17h): 12% | Avg Rad(9–17h): 426.8 W/m² | Precip(9–17h): 0.00 mm
2/12/2024	44.32	13.63	32.19	12.13	25.76	9.25%	2024-02-12 | High(9–17h): 54.9°F | Low(9–17h): 43.0°F | Avg Cloud(9–17h): 90% | Avg Rad(9–17h): 296.7 W/m² | Precip(9–17h): 0.00 mm
2/12/2025	21.52	18.01	17.61	3.91	21.92	-14.91%	2025-02-12 | High(9–17h): 50.7°F | Low(9–17h): 35.6°F | Avg Cloud(9–17h): 99% | Avg Rad(9–17h): 346.2 W/m² | Precip(9–17h): 0.00 mm
2/13/2023	56.64	12.59	41.74	14.9	27.49		2023-02-13 | High(9–17h): 61.9°F | Low(9–17h): 49.3°F | Avg Cloud(9–17h): 5% | Avg Rad(9–17h): 433.2 W/m² | Precip(9–17h): 0.00 mm
2/13/2024	25.93	10.18	16.49	9.44	19.62	-28.63%	2024-02-13 | High(9–17h): 57.6°F | Low(9–17h): 46.9°F | Avg Cloud(9–17h): 74% | Avg Rad(9–17h): 284.3 W/m² | Precip(9–17h): 0.20 mm
2/13/2025	7.72	19.2	2.78	4.94	24.14	23.04%	2025-02-13 | High(9–17h): 53.4°F | Low(9–17h): 41.9°F | Avg Cloud(9–17h): 99% | Avg Rad(9–17h): 91.1 W/m² | Precip(9–17h): 5.60 mm
2/14/2023	46.85	15.56	28.61	18.24	33.8		2023-02-14 | High(9–17h): 49.1°F | Low(9–17h): 41.2°F | Avg Cloud(9–17h): 58% | Avg Rad(9–17h): 366.1 W/m² | Precip(9–17h): 0.00 mm
2/14/2024	10.21	12.7	3	7.21	19.91	-41.09%	2024-02-14 | High(9–17h): 52.9°F | Low(9–17h): 50.2°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 99.4 W/m² | Precip(9–17h): 6.20 mm
2/14/2025	3.3	25.72	2.79	0.51	26.23	31.74%	2025-02-14 | High(9–17h): 57.0°F | Low(9–17h): 48.4°F | Avg Cloud(9–17h): 31% | Avg Rad(9–17h): 334.6 W/m² | Precip(9–17h): 0.00 mm
2/15/2023	59.04	7.25	42.07	16.97	24.22		2023-02-15 | High(9–17h): 55.8°F | Low(9–17h): 40.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 450.4 W/m² | Precip(9–17h): 0.00 mm
2/15/2024	33.4	12.45	24.39	9.01	21.46	-11.40%	2024-02-15 | High(9–17h): 56.7°F | Low(9–17h): 50.9°F | Avg Cloud(9–17h): 97% | Avg Rad(9–17h): 215.9 W/m² | Precip(9–17h): 0.90 mm
2/15/2025	0	27.09	0	0	27.09	26.23%	2025-02-15 | High(9–17h): 57.9°F | Low(9–17h): 42.4°F | Avg Cloud(9–17h): 93% | Avg Rad(9–17h): 348.2 W/m² | Precip(9–17h): 0.00 mm
2/16/2023	40.29	10.08	26.25	14.04	24.12		2023-02-16 | High(9–17h): 51.1°F | Low(9–17h): 38.7°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 346.2 W/m² | Precip(9–17h): 0.00 mm
2/16/2024	18.91	14.33	10.97	7.94	22.27	-7.67%	2024-02-16 | High(9–17h): 59.9°F | Low(9–17h): 50.5°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 226.2 W/m² | Precip(9–17h): 0.20 mm
2/16/2025	0	26.82	0	0	26.82	20.43%	2025-02-16 | High(9–17h): 55.0°F | Low(9–17h): 47.5°F | Avg Cloud(9–17h): 90% | Avg Rad(9–17h): 155.3 W/m² | Precip(9–17h): 0.40 mm
2/17/2023	55.94	12.23	36.73	19.21	31.44		2023-02-17 | High(9–17h): 60.8°F | Low(9–17h): 41.5°F | Avg Cloud(9–17h): 61% | Avg Rad(9–17h): 447.6 W/m² | Precip(9–17h): 0.00 mm
2/17/2024	6.98	14.29	0.41	6.57	20.86	-33.65%	2024-02-17 | High(9–17h): 53.4°F | Low(9–17h): 48.7°F | Avg Cloud(9–17h): 99% | Avg Rad(9–17h): 129.6 W/m² | Precip(9–17h): 9.70 mm
2/17/2025	0	19.29	0	0	19.29	-7.53%	2025-02-17 | High(9–17h): 55.9°F | Low(9–17h): 49.6°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 262.4 W/m² | Precip(9–17h): 0.00 mm
2/18/2023	37.33	11.32	28.92	8.41	19.73		2023-02-18 | High(9–17h): 57.4°F | Low(9–17h): 43.3°F | Avg Cloud(9–17h): 98% | Avg Rad(9–17h): 419.4 W/m² | Precip(9–17h): 0.00 mm
2/18/2024	12.28	11	5.48	6.8	17.8	-9.78%	2024-02-18 | High(9–17h): 61.7°F | Low(9–17h): 51.4°F | Avg Cloud(9–17h): 96% | Avg Rad(9–17h): 200.2 W/m² | Precip(9–17h): 4.90 mm
2/18/2025	0	18.71	0	0	18.71	5.11%	2025-02-18 | High(9–17h): 58.8°F | Low(9–17h): 46.9°F | Avg Cloud(9–17h): 91% | Avg Rad(9–17h): 308.0 W/m² | Precip(9–17h): 0.00 mm
2/19/2023	57.61	13.99	45.29	12.32	26.31		2023-02-19 | High(9–17h): 68.9°F | Low(9–17h): 48.4°F | Avg Cloud(9–17h): 56% | Avg Rad(9–17h): 450.2 W/m² | Precip(9–17h): 0.00 mm
2/19/2024	28.16	10.28	20.28	7.88	18.16	-30.98%	2024-02-19 | High(9–17h): 56.3°F | Low(9–17h): 51.6°F | Avg Cloud(9–17h): 98% | Avg Rad(9–17h): 181.4 W/m² | Precip(9–17h): 13.60 mm
2/19/2025	0	25.47	0	0	25.47	40.25%	2025-02-19 | High(9–17h): 56.5°F | Low(9–17h): 50.7°F | Avg Cloud(9–17h): 65% | Avg Rad(9–17h): 243.3 W/m² | Precip(9–17h): 4.40 mm
2/20/2023	45.46	10.85	35.58	9.88	20.73		2023-02-20 | High(9–17h): 67.3°F | Low(9–17h): 51.1°F | Avg Cloud(9–17h): 91% | Avg Rad(9–17h): 420.1 W/m² | Precip(9–17h): 0.00 mm
2/20/2024	14.18	14.28	5.25	8.93	23.21	11.96%	2024-02-20 | High(9–17h): 54.3°F | Low(9–17h): 52.0°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 196.6 W/m² | Precip(9–17h): 3.20 mm
2/20/2025	0	24.82	0	0	24.82	6.94%	2025-02-20 | High(9–17h): 63.7°F | Low(9–17h): 46.0°F | Avg Cloud(9–17h): 34% | Avg Rad(9–17h): 461.0 W/m² | Precip(9–17h): 0.00 mm
2/21/2023	52.78	8.69	42.4	10.38	19.07		2023-02-21 | High(9–17h): 56.8°F | Low(9–17h): 48.9°F | Avg Cloud(9–17h): 28% | Avg Rad(9–17h): 448.0 W/m² | Precip(9–17h): 0.00 mm
2/21/2024	35.93	10.59	27.49	8.44	19.03	-0.21%	2024-02-21 | High(9–17h): 57.6°F | Low(9–17h): 49.3°F | Avg Cloud(9–17h): 58% | Avg Rad(9–17h): 311.3 W/m² | Precip(9–17h): 1.50 mm
2/21/2025	0	22.55	0	0	22.55	18.50%	2025-02-21 | High(9–17h): 63.1°F | Low(9–17h): 49.3°F | Avg Cloud(9–17h): 75% | Avg Rad(9–17h): 464.7 W/m² | Precip(9–17h): 0.00 mm
2/22/2023	41.95	11.06	31.95	10	21.06		2023-02-22 | High(9–17h): 49.6°F | Low(9–17h): 42.6°F | Avg Cloud(9–17h): 54% | Avg Rad(9–17h): 402.6 W/m² | Precip(9–17h): 1.10 mm
2/22/2024	58.37	11.86	45.97	12.4	24.26	15.19%	2024-02-22 | High(9–17h): 60.6°F | Low(9–17h): 48.4°F | Avg Cloud(9–17h): 23% | Avg Rad(9–17h): 453.1 W/m² | Precip(9–17h): 0.00 mm
2/22/2025	0	14.81	0	0	14.81	-38.95%	2025-02-22 | High(9–17h): 64.4°F | Low(9–17h): 52.2°F | Avg Cloud(9–17h): 80% | Avg Rad(9–17h): 426.9 W/m² | Precip(9–17h): 0.00 mm
2/23/2023	42.21	27.07	30.53	11.68	38.75		2023-02-23 | High(9–17h): 46.8°F | Low(9–17h): 37.4°F | Avg Cloud(9–17h): 81% | Avg Rad(9–17h): 351.8 W/m² | Precip(9–17h): 2.40 mm
2/23/2024	53.37	8.19	43.82	9.55	17.74	-54.22%	2024-02-23 | High(9–17h): 65.7°F | Low(9–17h): 47.3°F | Avg Cloud(9–17h): 78% | Avg Rad(9–17h): 417.6 W/m² | Precip(9–17h): 0.00 mm
2/23/2025	0	21.8	0	0	21.8	22.89%	2025-02-23 | High(9–17h): 59.5°F | Low(9–17h): 55.6°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 119.7 W/m² | Precip(9–17h): 3.90 mm
2/24/2023	2.29	19.28	0.17	2.12	21.4		2023-02-24 | High(9–17h): 38.7°F | Low(9–17h): 34.5°F | Avg Cloud(9–17h): 97% | Avg Rad(9–17h): 167.3 W/m² | Precip(9–17h): 10.60 mm
2/24/2024	59.2	8.03	50.14	9.06	17.09	-20.14%	2024-02-24 | High(9–17h): 67.6°F | Low(9–17h): 50.5°F | Avg Cloud(9–17h): 41% | Avg Rad(9–17h): 457.1 W/m² | Precip(9–17h): 0.00 mm
2/24/2025	0	24.42	0	0	24.42	42.89%	2025-02-24 | High(9–17h): 64.6°F | Low(9–17h): 52.0°F | Avg Cloud(9–17h): 70% | Avg Rad(9–17h): 325.0 W/m² | Precip(9–17h): 0.10 mm
2/25/2023	25.1	11.79	15.95	9.15	20.94		2023-02-25 | High(9–17h): 45.9°F | Low(9–17h): 36.5°F | Avg Cloud(9–17h): 49% | Avg Rad(9–17h): 470.7 W/m² | Precip(9–17h): 0.00 mm
2/25/2024	52.53	17.5	40.34	12.19	29.69	41.79%	2024-02-25 | High(9–17h): 65.7°F | Low(9–17h): 51.4°F | Avg Cloud(9–17h): 81% | Avg Rad(9–17h): 449.0 W/m² | Precip(9–17h): 0.00 mm
2/25/2025	0	21.09	0	0	21.09	-28.97%	2025-02-25 | High(9–17h): 62.4°F | Low(9–17h): 50.7°F | Avg Cloud(9–17h): 8% | Avg Rad(9–17h): 492.7 W/m² | Precip(9–17h): 0.00 mm
2/26/2023	8.23	15.56	4.39	3.84	19.4		2023-02-26 | High(9–17h): 45.7°F | Low(9–17h): 42.4°F | Avg Cloud(9–17h): 96% | Avg Rad(9–17h): 83.1 W/m² | Precip(9–17h): 2.30 mm
2/26/2024	50.84	8.25	42.08	8.76	17.01	-12.32%	2024-02-26 | High(9–17h): 60.4°F | Low(9–17h): 52.9°F | Avg Cloud(9–17h): 34% | Avg Rad(9–17h): 419.4 W/m² | Precip(9–17h): 0.10 mm
2/26/2025	0	23.04	0	0	23.04	35.45%	2025-02-26 | High(9–17h): 65.8°F | Low(9–17h): 52.3°F | Avg Cloud(9–17h): 26% | Avg Rad(9–17h): 499.0 W/m² | Precip(9–17h): 0.00 mm

Date/Time	Energy Delivered (kWh)	PG&E Import	PG&E Export	Home consur	Total used	Dif	0
2/27/2023	22.41	23.42	17.38	5.03	28.45		2023-02-27 | High(9–17h): 44.8°F | Low(9–17h): 37.2°F | Avg Cloud(9–17h): 97% | Avg Rad(9–17h): 137.9 W/m² | Precip(9–17h): 11.60 mm
2/27/2024	65.19	20.49	55.78	9.41	29.9	5.10%	2024-02-27 | High(9–17h): 59.9°F | Low(9–17h): 44.6°F | Avg Cloud(9–17h): 70% | Avg Rad(9–17h): 488.7 W/m² | Precip(9–17h): 0.00 mm
2/27/2025	0	14	0	0	14	-53.18%	2025-02-27 | High(9–17h): 73.6°F | Low(9–17h): 54.0°F | Avg Cloud(9–17h): 95% | Avg Rad(9–17h): 497.0 W/m² | Precip(9–17h): 0.00 mm
2/28/2023	37.04	12.05	27.75	9.29	21.34		2023-02-28 | High(9–17h): 45.5°F | Low(9–17h): 39.7°F | Avg Cloud(9–17h): 86% | Avg Rad(9–17h): 184.1 W/m² | Precip(9–17h): 7.50 mm
2/28/2024	55.79	14.48	46.3	9.49	23.97	12.32%	2024-02-28 | High(9–17h): 61.3°F | Low(9–17h): 47.8°F | Avg Cloud(9–17h): 42% | Avg Rad(9–17h): 477.8 W/m² | Precip(9–17h): 0.00 mm
2/28/2025	0	16.68	0	0	16.68	-30.41%	2025-02-28 | High(9–17h): 71.4°F | Low(9–17h): 55.8°F | Avg Cloud(9–17h): 42% | Avg Rad(9–17h): 517.4 W/m² | Precip(9–17h): 0.00 mm
2/29/2024	33.76	14.62	12.1	21.66	36.28	117.51%	2024-02-29 | High(9–17h): 57.0°F | Low(9–17h): 51.4°F | Avg Cloud(9–17h): 85% | Avg Rad(9–17h): 273.8 W/m² | Precip(9–17h): 9.10 mm
3/10/2023	68.92	11.47	60.74	8.18	19.65		2023-03-10 | High(9–17h): 56.5°F | Low(9–17h): 50.2°F | Avg Cloud(9–17h): 30% | Avg Rad(9–17h): 447.1 W/m² | Precip(9–17h): 1.60 mm
3/10/2024	29.7	11.45	17.38	12.32	23.77	20.97%	2024-03-10 | High(9–17h): 57.7°F | Low(9–17h): 52.2°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 236.0 W/m² | Precip(9–17h): 0.00 mm
3/10/2025	68.11	6.91	60.83	7.28	14.19	-40.30%	2025-03-10 | High(9–17h): 67.3°F | Low(9–17h): 51.4°F | Avg Cloud(9–17h): 80% | Avg Rad(9–17h): 509.1 W/m² | Precip(9–17h): 0.00 mm
3/11/2023	20.32	13.38	13.56	6.76	20.14		2023-03-11 | High(9–17h): 51.6°F | Low(9–17h): 46.6°F | Avg Cloud(9–17h): 98% | Avg Rad(9–17h): 182.1 W/m² | Precip(9–17h): 2.30 mm
3/11/2024	23.43	12.22	15.47	7.96	20.18	0.20%	2024-03-11 | High(9–17h): 57.4°F | Low(9–17h): 50.0°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 281.0 W/m² | Precip(9–17h): 1.10 mm
3/11/2025	8.91	13.52	7.21	1.7	15.22	-24.58%	2025-03-11 | High(9–17h): 64.6°F | Low(9–17h): 51.6°F | Avg Cloud(9–17h): 70% | Avg Rad(9–17h): 550.6 W/m² | Precip(9–17h): 0.00 mm
3/12/2023	10.07	17.48	2.52	7.55	25.03		2023-03-12 | High(9–17h): 55.6°F | Low(9–17h): 51.1°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 126.1 W/m² | Precip(9–17h): 4.50 mm
3/12/2024	38.41	18.64	29.14	9.27	27.91	11.51%	2024-03-12 | High(9–17h): 57.9°F | Low(9–17h): 49.8°F | Avg Cloud(9–17h): 92% | Avg Rad(9–17h): 338.6 W/m² | Precip(9–17h): 0.10 mm
3/12/2025	0	23.24	0	0	23.24	-16.73%	2025-03-12 | High(9–17h): 52.3°F | Low(9–17h): 48.4°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 74.6 W/m² | Precip(9–17h): 11.60 mm
3/13/2023	31.47	13.96	18.46	13.01	26.97		2023-03-13 | High(9–17h): 58.6°F | Low(9–17h): 53.4°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 198.3 W/m² | Precip(9–17h): 1.80 mm
3/13/2024	72.34	14.38	61.63	10.71	25.09	-6.97%	2024-03-13 | High(9–17h): 62.6°F | Low(9–17h): 48.9°F | Avg Cloud(9–17h): 40% | Avg Rad(9–17h): 566.3 W/m² | Precip(9–17h): 0.00 mm
3/13/2025	0	22.45	0	0	22.45	-10.52%	2025-03-13 | High(9–17h): 50.9°F | Low(9–17h): 43.2°F | Avg Cloud(9–17h): 71% | Avg Rad(9–17h): 346.3 W/m² | Precip(9–17h): 3.00 mm
3/14/2023	17.63	14.82	12.41	5.22	20.04		2023-03-14 | High(9–17h): 58.8°F | Low(9–17h): 52.5°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 57.7 W/m² | Precip(9–17h): 34.70 mm
3/14/2024	73.72	9.4	62.9	10.82	20.22	0.90%	2024-03-14 | High(9–17h): 65.8°F | Low(9–17h): 52.2°F | Avg Cloud(9–17h): 4% | Avg Rad(9–17h): 593.8 W/m² | Precip(9–17h): 0.00 mm
3/14/2025	0	23.12	0	0	23.12	14.34%	2025-03-14 | High(9–17h): 49.3°F | Low(9–17h): 40.3°F | Avg Cloud(9–17h): 97% | Avg Rad(9–17h): 207.2 W/m² | Precip(9–17h): 3.80 mm
3/15/2023	73.46	5.92	66.07	7.39	13.31		2023-03-15 | High(9–17h): 61.0°F | Low(9–17h): 45.9°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 593.2 W/m² | Precip(9–17h): 0.00 mm
3/15/2024	75.94	7.56	58.67	17.27	24.83	86.55%	2024-03-15 | High(9–17h): 70.2°F | Low(9–17h): 53.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 598.4 W/m² | Precip(9–17h): 0.00 mm
3/15/2025	0	20.13	0	0	20.13	-18.93%	2025-03-15 | High(9–17h): 53.8°F | Low(9–17h): 49.8°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 224.6 W/m² | Precip(9–17h): 0.70 mm
3/16/2023	70.45	4.82	63	7.45	12.27		2023-03-16 | High(9–17h): 63.0°F | Low(9–17h): 48.7°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 594.8 W/m² | Precip(9–17h): 0.00 mm
3/16/2024	73	10.23	61.93	11.07	21.3	73.59%	2024-03-16 | High(9–17h): 70.7°F | Low(9–17h): 54.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 592.0 W/m² | Precip(9–17h): 0.00 mm
3/16/2025	0	27.12	0	0	27.12	27.32%	2025-03-16 | High(9–17h): 56.5°F | Low(9–17h): 51.1°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 171.1 W/m² | Precip(9–17h): 3.30 mm
3/17/2023	64.56	5.01	51.57	12.99	18		2023-03-17 | High(9–17h): 65.8°F | Low(9–17h): 49.1°F | Avg Cloud(9–17h): 48% | Avg Rad(9–17h): 546.7 W/m² | Precip(9–17h): 0.00 mm
3/17/2024	72.37	7.72	56.05	16.32	24.04	33.56%	2024-03-17 | High(9–17h): 75.2°F | Low(9–17h): 54.1°F | Avg Cloud(9–17h): 14% | Avg Rad(9–17h): 593.7 W/m² | Precip(9–17h): 0.00 mm
3/17/2025	0	19.39	0	0	19.39	-19.34%	2025-03-17 | High(9–17h): 53.4°F | Low(9–17h): 48.7°F | Avg Cloud(9–17h): 95% | Avg Rad(9–17h): 296.1 W/m² | Precip(9–17h): 9.60 mm
3/18/2023	45.57	9.77	35.74	9.83	19.6		2023-03-18 | High(9–17h): 63.1°F | Low(9–17h): 50.5°F | Avg Cloud(9–17h): 99% | Avg Rad(9–17h): 433.3 W/m² | Precip(9–17h): 0.00 mm
3/18/2024	69.24	9.35	53.92	15.32	24.67	25.87%	2024-03-18 | High(9–17h): 72.0°F | Low(9–17h): 56.7°F | Avg Cloud(9–17h): 92% | Avg Rad(9–17h): 584.3 W/m² | Precip(9–17h): 0.00 mm
3/18/2025	0	24.56	0	0	24.56	-0.45%	2025-03-18 | High(9–17h): 57.9°F | Low(9–17h): 45.9°F | Avg Cloud(9–17h): 39% | Avg Rad(9–17h): 593.2 W/m² | Precip(9–17h): 0.00 mm
3/19/2023	13.85	9.64	6.1	7.75	17.39		2023-03-19 | High(9–17h): 54.7°F | Low(9–17h): 50.5°F | Avg Cloud(9–17h): 96% | Avg Rad(9–17h): 116.9 W/m² | Precip(9–17h): 3.40 mm
3/19/2024	71.06	8.61	61.09	9.97	18.58	6.84%	2024-03-19 | High(9–17h): 72.0°F | Low(9–17h): 58.8°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 589.2 W/m² | Precip(9–17h): 0.00 mm
3/19/2025	0	22.95	0	0	22.95	23.52%	2025-03-19 | High(9–17h): 56.3°F | Low(9–17h): 47.1°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 365.7 W/m² | Precip(9–17h): 0.40 mm
3/20/2023	46.61	7.99	35.94	10.67	18.66		2023-03-20 | High(9–17h): 58.5°F | Low(9–17h): 48.7°F | Avg Cloud(9–17h): 51% | Avg Rad(9–17h): 368.1 W/m² | Precip(9–17h): 0.90 mm
3/20/2024	63.7	12.54	53.06	10.64	23.18	24.22%	2024-03-20 | High(9–17h): 68.9°F | Low(9–17h): 55.9°F | Avg Cloud(9–17h): 71% | Avg Rad(9–17h): 552.6 W/m² | Precip(9–17h): 0.00 mm
3/20/2025	0	24.37	0	0	24.37	5.13%	2025-03-20 | High(9–17h): 57.9°F | Low(9–17h): 48.4°F | Avg Cloud(9–17h): 99% | Avg Rad(9–17h): 396.9 W/m² | Precip(9–17h): 0.00 mm
3/21/2023	16.49	17.82	7.91	8.58	26.4		2023-03-21 | High(9–17h): 58.1°F | Low(9–17h): 48.0°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 237.4 W/m² | Precip(9–17h): 0.70 mm
3/21/2024	67.27	7.46	48.94	18.33	25.79	-2.31%	2024-03-21 | High(9–17h): 67.5°F | Low(9–17h): 56.7°F | Avg Cloud(9–17h): 28% | Avg Rad(9–17h): 596.4 W/m² | Precip(9–17h): 0.00 mm
3/21/2025	0	15.81	0	0	15.81	-38.70%	2025-03-21 | High(9–17h): 57.9°F | Low(9–17h): 50.0°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 238.0 W/m² | Precip(9–17h): 0.00 mm
3/22/2023	50.8	11.47	37.76	13.04	24.51		2023-03-22 | High(9–17h): 55.2°F | Low(9–17h): 49.1°F | Avg Cloud(9–17h): 70% | Avg Rad(9–17h): 339.0 W/m² | Precip(9–17h): 0.60 mm
3/22/2024	42.31	8.39	33.99	8.32	16.71	-31.82%	2024-03-22 | High(9–17h): 62.2°F | Low(9–17h): 55.8°F | Avg Cloud(9–17h): 95% | Avg Rad(9–17h): 334.6 W/m² | Precip(9–17h): 4.60 mm
3/22/2025	0	16.68	0	0	16.68	-0.18%	2025-03-22 | High(9–17h): 64.8°F | Low(9–17h): 56.7°F | Avg Cloud(9–17h): 65% | Avg Rad(9–17h): 480.6 W/m² | Precip(9–17h): 0.00 mm
3/23/2023	67.74	7.91	56.18	11.56	19.47		2023-03-23 | High(9–17h): 57.4°F | Low(9–17h): 50.9°F | Avg Cloud(9–17h): 58% | Avg Rad(9–17h): 472.1 W/m² | Precip(9–17h): 4.30 mm
3/23/2024	28.45	10.14	17.74	10.71	20.85	7.09%	2024-03-23 | High(9–17h): 54.5°F | Low(9–17h): 49.3°F | Avg Cloud(9–17h): 92% | Avg Rad(9–17h): 318.2 W/m² | Precip(9–17h): 0.90 mm
3/23/2025	0	15.79	0	0	15.79	-24.27%	2025-03-23 | High(9–17h): 75.9°F | Low(9–17h): 56.5°F | Avg Cloud(9–17h): 30% | Avg Rad(9–17h): 594.0 W/m² | Precip(9–17h): 0.00 mm
3/24/2023	66.85	8.71	49.6	17.25	25.96		2023-03-24 | High(9–17h): 55.6°F | Low(9–17h): 46.9°F | Avg Cloud(9–17h): 65% | Avg Rad(9–17h): 482.3 W/m² | Precip(9–17h): 0.20 mm
3/24/2024	67.24	9.04	52.23	15.01	24.05	-7.36%	2024-03-24 | High(9–17h): 60.6°F | Low(9–17h): 49.5°F | Avg Cloud(9–17h): 23% | Avg Rad(9–17h): 479.3 W/m² | Precip(9–17h): 0.20 mm
3/24/2025	0	29.96	0	0	29.96	24.57%	2025-03-24 | High(9–17h): 77.2°F | Low(9–17h): 62.4°F | Avg Cloud(9–17h): 18% | Avg Rad(9–17h): 604.7 W/m² | Precip(9–17h): 0.00 mm
3/25/2023	57.16	13.98	39.35	17.81	31.79		2023-03-25 | High(9–17h): 55.8°F | Low(9–17h): 45.1°F | Avg Cloud(9–17h): 42% | Avg Rad(9–17h): 570.8 W/m² | Precip(9–17h): 0.00 mm
3/25/2024	76.11	5.92	59.92	16.19	22.11	-30.45%	2024-03-25 | High(9–17h): 62.2°F | Low(9–17h): 53.2°F | Avg Cloud(9–17h): 40% | Avg Rad(9–17h): 586.6 W/m² | Precip(9–17h): 0.00 mm
3/25/2025	0	17.86	0	0	17.86	-19.22%	2025-03-25 | High(9–17h): 78.3°F | Low(9–17h): 64.6°F | Avg Cloud(9–17h): 76% | Avg Rad(9–17h): 611.0 W/m² | Precip(9–17h): 0.00 mm
3/26/2023	81.22	6.41	63.15	18.07	24.48		2023-03-26 | High(9–17h): 56.3°F | Low(9–17h): 44.2°F | Avg Cloud(9–17h): 15% | Avg Rad(9–17h): 649.2 W/m² | Precip(9–17h): 0.00 mm
3/26/2024	71.98	6.35	61.56	10.42	16.77	-31.50%	2024-03-26 | High(9–17h): 63.3°F | Low(9–17h): 54.0°F | Avg Cloud(9–17h): 36% | Avg Rad(9–17h): 595.9 W/m² | Precip(9–17h): 0.00 mm
3/26/2025	0	16.49	0	0	16.49	-1.67%	2025-03-26 | High(9–17h): 71.4°F | Low(9–17h): 62.6°F | Avg Cloud(9–17h): 21% | Avg Rad(9–17h): 602.3 W/m² | Precip(9–17h): 0.00 mm

Date/Time	Energy Delivered (kWh)	PG&E Import	PG&E Export	Home consur	Total used	Dif	0
3/27/2023	51.95	9.39	43.64	8.31	17.7		2023-03-27 | High(9–17h): 55.4°F | Low(9–17h): 45.9°F | Avg Cloud(9–17h): 99% | Avg Rad(9–17h): 386.8 W/m² | Precip(9–17h): 0.50 mm
3/27/2024	23.44	9.06	14.74	8.7	17.76	0.34%	2024-03-27 | High(9–17h): 54.5°F | Low(9–17h): 51.1°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 170.7 W/m² | Precip(9–17h): 2.20 mm
3/27/2025	0	14.55	0	0	14.55	-18.07%	2025-03-27 | High(9–17h): 63.5°F | Low(9–17h): 57.9°F | Avg Cloud(9–17h): 56% | Avg Rad(9–17h): 463.0 W/m² | Precip(9–17h): 2.00 mm
3/28/2023	25.23	13.15	14.95	10.28	23.43		2023-03-28 | High(9–17h): 49.3°F | Low(9–17h): 44.2°F | Avg Cloud(9–17h): 73% | Avg Rad(9–17h): 195.3 W/m² | Precip(9–17h): 9.00 mm
3/28/2024	66.19	14.08	48.95	17.24	31.32	33.67%	2024-03-28 | High(9–17h): 59.0°F | Low(9–17h): 51.1°F | Avg Cloud(9–17h): 63% | Avg Rad(9–17h): 509.7 W/m² | Precip(9–17h): 1.20 mm
3/28/2025	0	28.13	0	0	28.13	-10.19%	2025-03-28 | High(9–17h): 61.0°F | Low(9–17h): 55.0°F | Avg Cloud(9–17h): 83% | Avg Rad(9–17h): 419.2 W/m² | Precip(9–17h): 8.10 mm
3/29/2023	28.57	11.59	18.94	9.63	21.22		2023-03-29 | High(9–17h): 45.5°F | Low(9–17h): 43.2°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 232.1 W/m² | Precip(9–17h): 4.90 mm
3/29/2024	23.56	9.72	13.93	9.63	19.35	-8.81%	2024-03-29 | High(9–17h): 52.3°F | Low(9–17h): 47.8°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 229.2 W/m² | Precip(9–17h): 3.40 mm
3/29/2025	0	15.94	0	0	15.94	-17.62%	2025-03-29 | High(9–17h): 59.5°F | Low(9–17h): 51.3°F | Avg Cloud(9–17h): 71% | Avg Rad(9–17h): 589.0 W/m² | Precip(9–17h): 0.00 mm
3/30/2023	74.24	5.33	54.67	19.57	24.9		2023-03-30 | High(9–17h): 58.6°F | Low(9–17h): 45.0°F | Avg Cloud(9–17h): 21% | Avg Rad(9–17h): 633.6 W/m² | Precip(9–17h): 0.00 mm
3/30/2024	46.46	8.3	36.21	10.25	18.55	-25.50%	2024-03-30 | High(9–17h): 57.4°F | Low(9–17h): 51.4°F | Avg Cloud(9–17h): 81% | Avg Rad(9–17h): 466.0 W/m² | Precip(9–17h): 4.80 mm
3/30/2025	0	23.23	0	0	23.23	25.23%	2025-03-30 | High(9–17h): 60.6°F | Low(9–17h): 48.7°F | Avg Cloud(9–17h): 83% | Avg Rad(9–17h): 187.4 W/m² | Precip(9–17h): 4.50 mm
3/31/2023	55.42	4.56	43.53	11.89	16.45		2023-03-31 | High(9–17h): 56.1°F | Low(9–17h): 49.8°F | Avg Cloud(9–17h): 95% | Avg Rad(9–17h): 437.1 W/m² | Precip(9–17h): 0.00 mm
3/31/2024	76.19	9.03	65.77	10.42	19.45	18.24%	2024-03-31 | High(9–17h): 64.9°F | Low(9–17h): 49.6°F | Avg Cloud(9–17h): 14% | Avg Rad(9–17h): 607.2 W/m² | Precip(9–17h): 0.00 mm
3/31/2025	0	24.53	0	0	24.53	26.12%	2025-03-31 | High(9–17h): 58.6°F | Low(9–17h): 52.0°F | Avg Cloud(9–17h): 54% | Avg Rad(9–17h): 543.0 W/m² | Precip(9–17h): 4.10 mm
4/10/2023	76.4	11.87	56.32	20.08	31.95		2023-04-10 | High(9–17h): 75.4°F | Low(9–17h): 63.5°F | Avg Cloud(9–17h): 15% | Avg Rad(9–17h): 662.6 W/m² | Precip(9–17h): 0.00 mm
4/10/2024	71.24	23.65	46.97	24.27	47.92	49.98%	2024-04-10 | High(9–17h): 79.0°F | Low(9–17h): 62.6°F | Avg Cloud(9–17h): 79% | Avg Rad(9–17h): 646.1 W/m² | Precip(9–17h): 0.00 mm
4/10/2025	0	30.67	0	0	30.67	-36.00%	2025-04-10 | High(9–17h): 76.3°F | Low(9–17h): 65.3°F | Avg Cloud(9–17h): 61% | Avg Rad(9–17h): 637.6 W/m² | Precip(9–17h): 0.00 mm
4/11/2023	60.22	19.08	24.8	35.42	54.5		2023-04-11 | High(9–17h): 68.2°F | Low(9–17h): 58.1°F | Avg Cloud(9–17h): 41% | Avg Rad(9–17h): 463.8 W/m² | Precip(9–17h): 0.00 mm
4/11/2024	80.42	40.45	37.72	42.7	83.15	52.57%	2024-04-11 | High(9–17h): 77.0°F | Low(9–17h): 64.4°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 671.6 W/m² | Precip(9–17h): 0.00 mm
4/11/2025	0	39.85	0	0	39.85	-52.07%	2025-04-11 | High(9–17h): 73.8°F | Low(9–17h): 65.5°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 435.4 W/m² | Precip(9–17h): 0.00 mm
4/12/2023	79.19	16.95	63.79	15.4	32.35		2023-04-12 | High(9–17h): 64.0°F | Low(9–17h): 52.7°F | Avg Cloud(9–17h): 6% | Avg Rad(9–17h): 707.1 W/m² | Precip(9–17h): 0.00 mm
4/12/2024	40.19	20.86	10.38	29.81	50.67	56.63%	2024-04-12 | High(9–17h): 70.2°F | Low(9–17h): 61.5°F | Avg Cloud(9–17h): 98% | Avg Rad(9–17h): 423.8 W/m² | Precip(9–17h): 0.00 mm
4/12/2025	0	35.19	0	0	35.19	-30.55%	2025-04-12 | High(9–17h): 74.1°F | Low(9–17h): 59.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 686.7 W/m² | Precip(9–17h): 0.00 mm
4/13/2023	80.55	8.88	69.83	10.72	19.6		2023-04-13 | High(9–17h): 65.3°F | Low(9–17h): 52.0°F | Avg Cloud(9–17h): 2% | Avg Rad(9–17h): 720.3 W/m² | Precip(9–17h): 0.00 mm
4/13/2024	31.43	10.99	20.82	10.61	21.6	10.20%	2024-04-13 | High(9–17h): 51.1°F | Low(9–17h): 47.8°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 234.1 W/m² | Precip(9–17h): 4.30 mm
4/13/2025	0	32.08	0	0	32.08	48.52%	2025-04-13 | High(9–17h): 76.1°F | Low(9–17h): 61.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 713.1 W/m² | Precip(9–17h): 0.00 mm
4/14/2023	73.93	7.05	53.22	20.71	27.76		2023-04-14 | High(9–17h): 66.7°F | Low(9–17h): 54.3°F | Avg Cloud(9–17h): 39% | Avg Rad(9–17h): 708.7 W/m² | Precip(9–17h): 0.00 mm
4/14/2024	21.53	9.08	10.76	10.77	19.85	-28.49%	2024-04-14 | High(9–17h): 50.9°F | Low(9–17h): 46.6°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 177.8 W/m² | Precip(9–17h): 1.70 mm
4/14/2025	0	25.21	0	0	25.21	27.00%	2025-04-14 | High(9–17h): 81.3°F | Low(9–17h): 62.8°F | Avg Cloud(9–17h): 5% | Avg Rad(9–17h): 722.3 W/m² | Precip(9–17h): 0.00 mm
4/15/2023	79.45	11.78	63.87	15.58	27.36		2023-04-15 | High(9–17h): 69.4°F | Low(9–17h): 56.8°F | Avg Cloud(9–17h): 40% | Avg Rad(9–17h): 700.3 W/m² | Precip(9–17h): 0.00 mm
4/15/2024	82.46	11.22	67.34	15.12	26.34	-3.73%	2024-04-15 | High(9–17h): 69.1°F | Low(9–17h): 54.0°F | Avg Cloud(9–17h): 33% | Avg Rad(9–17h): 688.4 W/m² | Precip(9–17h): 0.00 mm
4/15/2025	0	20.6	0	0	20.6	-21.79%	2025-04-15 | High(9–17h): 77.2°F | Low(9–17h): 65.3°F | Avg Cloud(9–17h): 39% | Avg Rad(9–17h): 705.0 W/m² | Precip(9–17h): 0.00 mm
4/16/2023	78.25	12.01	50.7	27.55	39.56		2023-04-16 | High(9–17h): 67.5°F | Low(9–17h): 55.6°F | Avg Cloud(9–17h): 70% | Avg Rad(9–17h): 677.3 W/m² | Precip(9–17h): 0.00 mm
4/16/2024	77.12	17.83	54.21	22.91	40.74	2.98%	2024-04-16 | High(9–17h): 77.4°F | Low(9–17h): 59.2°F | Avg Cloud(9–17h): 56% | Avg Rad(9–17h): 686.6 W/m² | Precip(9–17h): 0.00 mm
4/16/2025	0	32.35	0	0	32.35	-20.59%	2025-04-16 | High(9–17h): 71.2°F | Low(9–17h): 59.2°F | Avg Cloud(9–17h): 4% | Avg Rad(9–17h): 682.7 W/m² | Precip(9–17h): 0.00 mm
4/17/2023	41.01	13.11	27.19	13.82	26.93		2023-04-17 | High(9–17h): 62.6°F | Low(9–17h): 52.0°F | Avg Cloud(9–17h): 88% | Avg Rad(9–17h): 294.0 W/m² | Precip(9–17h): 6.80 mm
4/17/2024	83.08	16.78	60.07	23.01	39.79	47.75%	2024-04-17 | High(9–17h): 75.2°F | Low(9–17h): 60.8°F | Avg Cloud(9–17h): 46% | Avg Rad(9–17h): 699.3 W/m² | Precip(9–17h): 0.00 mm
4/17/2025	0	34.69	0	0	34.69	-12.82%	2025-04-17 | High(9–17h): 74.8°F | Low(9–17h): 58.8°F | Avg Cloud(9–17h): 2% | Avg Rad(9–17h): 717.9 W/m² | Precip(9–17h): 0.00 mm
4/18/2023	75.48	14.14	53.28	22.2	36.34		2023-04-18 | High(9–17h): 57.6°F | Low(9–17h): 48.6°F | Avg Cloud(9–17h): 86% | Avg Rad(9–17h): 671.1 W/m² | Precip(9–17h): 0.00 mm
4/18/2024	76.87	14.72	58.43	18.44	33.16	-8.75%	2024-04-18 | High(9–17h): 76.5°F | Low(9–17h): 62.2°F | Avg Cloud(9–17h): 86% | Avg Rad(9–17h): 657.3 W/m² | Precip(9–17h): 0.00 mm
4/18/2025	0	26.99	0	0	26.99	-18.61%	2025-04-18 | High(9–17h): 75.0°F | Low(9–17h): 61.7°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 729.1 W/m² | Precip(9–17h): 0.00 mm
4/19/2023	73.09	17.09	55.25	17.84	34.93		2023-04-19 | High(9–17h): 62.8°F | Low(9–17h): 52.5°F | Avg Cloud(9–17h): 53% | Avg Rad(9–17h): 645.0 W/m² | Precip(9–17h): 0.00 mm
4/19/2024	81	13.16	44.91	36.09	49.25	41.00%	2024-04-19 | High(9–17h): 78.1°F | Low(9–17h): 66.2°F | Avg Cloud(9–17h): 10% | Avg Rad(9–17h): 686.6 W/m² | Precip(9–17h): 0.00 mm
4/19/2025	0	9.95	0	0	9.95	-79.80%	2025-04-19 | High(9–17h): 73.6°F | Low(9–17h): 59.4°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 717.2 W/m² | Precip(9–17h): 0.00 mm
4/20/2023	72.92	11.24	48.12	24.8	36.04		2023-04-20 | High(9–17h): 68.0°F | Low(9–17h): 54.3°F | Avg Cloud(9–17h): 70% | Avg Rad(9–17h): 664.6 W/m² | Precip(9–17h): 0.00 mm
4/20/2024	81.17	18.86	51.57	29.6	48.46	34.46%	2024-04-20 | High(9–17h): 79.5°F | Low(9–17h): 66.2°F | Avg Cloud(9–17h): 11% | Avg Rad(9–17h): 701.8 W/m² | Precip(9–17h): 0.00 mm
4/20/2025	0	12.07	0	0	12.07	-75.09%	2025-04-20 | High(9–17h): 75.7°F | Low(9–17h): 64.0°F | Avg Cloud(9–17h): 20% | Avg Rad(9–17h): 679.9 W/m² | Precip(9–17h): 0.00 mm
4/21/2023	66.84	15.19	43.29	23.55	38.74		2023-04-21 | High(9–17h): 77.4°F | Low(9–17h): 61.0°F | Avg Cloud(9–17h): 98% | Avg Rad(9–17h): 656.4 W/m² | Precip(9–17h): 0.00 mm
4/21/2024	83.16	13.91	55.48	27.68	41.59	7.36%	2024-04-21 | High(9–17h): 82.6°F | Low(9–17h): 65.7°F | Avg Cloud(9–17h): 26% | Avg Rad(9–17h): 725.8 W/m² | Precip(9–17h): 0.00 mm
4/21/2025	0	22.57	0	0	22.57	-45.73%	2025-04-21 | High(9–17h): 79.2°F | Low(9–17h): 65.1°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 734.2 W/m² | Precip(9–17h): 0.00 mm
4/22/2023	77.35	15.89	46.01	31.34	47.23		2023-04-22 | High(9–17h): 81.0°F | Low(9–17h): 66.0°F | Avg Cloud(9–17h): 66% | Avg Rad(9–17h): 687.9 W/m² | Precip(9–17h): 0.00 mm
4/22/2024	73.46	16.16	48.34	25.12	41.28	-12.60%	2024-04-22 | High(9–17h): 82.0°F | Low(9–17h): 67.3°F | Avg Cloud(9–17h): 85% | Avg Rad(9–17h): 717.2 W/m² | Precip(9–17h): 0.00 mm
4/22/2025	0	33.25	0	0	33.25	-19.45%	2025-04-22 | High(9–17h): 79.0°F | Low(9–17h): 65.3°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 723.0 W/m² | Precip(9–17h): 0.00 mm
4/23/2023	79	19.88	41.02	37.98	57.86		2023-04-23 | High(9–17h): 81.0°F | Low(9–17h): 67.6°F | Avg Cloud(9–17h): 43% | Avg Rad(9–17h): 722.2 W/m² | Precip(9–17h): 0.00 mm
4/23/2024	50.16	13.19	33.51	16.65	29.84	-48.43%	2024-04-23 | High(9–17h): 73.8°F | Low(9–17h): 61.5°F | Avg Cloud(9–17h): 58% | Avg Rad(9–17h): 638.8 W/m² | Precip(9–17h): 0.00 mm
4/23/2025	0	34.16	0	0	34.16	14.48%	2025-04-23 | High(9–17h): 73.6°F | Low(9–17h): 60.6°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 730.4 W/m² | Precip(9–17h): 0.00 mm
4/24/2023	78.85	16.44	51.44	27.41	43.85		2023-04-24 | High(9–17h): 77.5°F | Low(9–17h): 60.8°F | Avg Cloud(9–17h): 63% | Avg Rad(9–17h): 745.0 W/m² | Precip(9–17h): 0.00 mm

Date/Time	Energy Delivered (kWh)	PG&E Import	PG&E Export	Home consur	Total used	Dif	0
4/24/2024	77.36	20.75	44.97	32.39	53.14	21.19%	2024-04-24 | High(9–17h): 71.2°F | Low(9–17h): 61.7°F | Avg Cloud(9–17h): 27% | Avg Rad(9–17h): 616.0 W/m² | Precip(9–17h): 0.00 mm
4/24/2025	0	28.7	0	0	28.7	-45.99%	2025-04-24 | High(9–17h): 70.7°F | Low(9–17h): 57.6°F | Avg Cloud(9–17h): 61% | Avg Rad(9–17h): 689.8 W/m² | Precip(9–17h): 0.00 mm
4/25/2023	79.13	18.12	47.26	31.87	49.99		2023-04-25 | High(9–17h): 83.1°F | Low(9–17h): 64.6°F | Avg Cloud(9–17h): 34% | Avg Rad(9–17h): 743.7 W/m² | Precip(9–17h): 0.00 mm
4/25/2024	46.38	16.93	28.91	17.47	34.4	-31.19%	2024-04-25 | High(9–17h): 66.9°F | Low(9–17h): 61.9°F | Avg Cloud(9–17h): 95% | Avg Rad(9–17h): 364.3 W/m² | Precip(9–17h): 0.70 mm
4/25/2025	0	28.29	0	0	28.29	-17.76%	2025-04-25 | High(9–17h): 64.9°F | Low(9–17h): 56.3°F | Avg Cloud(9–17h): 74% | Avg Rad(9–17h): 479.4 W/m² | Precip(9–17h): 0.00 mm
4/26/2023	77.03	21.46	32.36	44.67	66.13		2023-04-26 | High(9–17h): 87.8°F | Low(9–17h): 71.1°F | Avg Cloud(9–17h): 37% | Avg Rad(9–17h): 738.6 W/m² | Precip(9–17h): 0.00 mm
4/26/2024	71.36	16.38	47.95	23.41	39.79	-39.83%	2024-04-26 | High(9–17h): 65.7°F | Low(9–17h): 58.1°F | Avg Cloud(9–17h): 50% | Avg Rad(9–17h): 588.4 W/m² | Precip(9–17h): 2.60 mm
4/26/2025	0	32.47	0	0	32.47	-18.40%	2025-04-26 | High(9–17h): 55.4°F | Low(9–17h): 52.2°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 228.3 W/m² | Precip(9–17h): 3.20 mm
4/27/2023	75.93	18.31	46.24	29.69	48		2023-04-27 | High(9–17h): 92.3°F | Low(9–17h): 72.9°F | Avg Cloud(9–17h): 31% | Avg Rad(9–17h): 739.3 W/m² | Precip(9–17h): 0.00 mm
4/27/2024	77.62	15.88	54.92	22.7	38.58	-19.63%	2024-04-27 | High(9–17h): 70.3°F | Low(9–17h): 59.5°F | Avg Cloud(9–17h): 84% | Avg Rad(9–17h): 589.7 W/m² | Precip(9–17h): 0.00 mm
4/27/2025	0	31.75	0	0	31.75	-17.70%	2025-04-27 | High(9–17h): 60.1°F | Low(9–17h): 52.3°F | Avg Cloud(9–17h): 88% | Avg Rad(9–17h): 344.7 W/m² | Precip(9–17h): 0.00 mm
4/28/2023	76.92	24.87	45.59	31.33	56.2		2023-04-28 | High(9–17h): 90.9°F | Low(9–17h): 74.3°F | Avg Cloud(9–17h): 4% | Avg Rad(9–17h): 737.9 W/m² | Precip(9–17h): 0.00 mm
4/28/2024	85.24	17.93	58.91	26.33	44.26	-21.25%	2024-04-28 | High(9–17h): 74.1°F | Low(9–17h): 62.2°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 744.7 W/m² | Precip(9–17h): 0.00 mm
4/28/2025	0	41.94	0.02	-0.02	41.92	-5.29%	2025-04-28 | High(9–17h): 78.1°F | Low(9–17h): 60.6°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 748.4 W/m² | Precip(9–17h): 0.00 mm
4/29/2023	76.77	22.13	33.19	43.58	65.71		2023-04-29 | High(9–17h): 89.2°F | Low(9–17h): 75.9°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 747.0 W/m² | Precip(9–17h): 0.00 mm
4/29/2024	87.75	15.91	67.04	20.71	36.62	-44.27%	2024-04-29 | High(9–17h): 69.6°F | Low(9–17h): 59.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 762.7 W/m² | Precip(9–17h): 0.00 mm
4/29/2025	0	43.48	0	0	43.48	18.73%	2025-04-29 | High(9–17h): 79.2°F | Low(9–17h): 66.4°F | Avg Cloud(9–17h): 71% | Avg Rad(9–17h): 658.6 W/m² | Precip(9–17h): 0.00 mm
4/30/2023	74.64	21.97	40.44	34.2	56.17		2023-04-30 | High(9–17h): 80.1°F | Low(9–17h): 66.9°F | Avg Cloud(9–17h): 30% | Avg Rad(9–17h): 736.6 W/m² | Precip(9–17h): 0.00 mm
4/30/2024	88.25	14.72	65.49	22.76	37.48	-33.27%	2024-04-30 | High(9–17h): 73.6°F | Low(9–17h): 58.6°F | Avg Cloud(9–17h): 12% | Avg Rad(9–17h): 762.6 W/m² | Precip(9–17h): 0.00 mm
4/30/2025	0	47.37	0	0	47.37	26.39%	2025-04-30 | High(9–17h): 83.5°F | Low(9–17h): 69.6°F | Avg Cloud(9–17h): 5% | Avg Rad(9–17h): 751.6 W/m² | Precip(9–17h): 0.00 mm
5/10/2023	77.77	14.93	57.12	20.65	35.58		2023-05-10 | High(9–17h): 73.2°F | Low(9–17h): 61.5°F | Avg Cloud(9–17h): 18% | Avg Rad(9–17h): 728.3 W/m² | Precip(9–17h): 0.00 mm
5/10/2024	88.36	19.81	51.29	37.07	56.88	59.87%	2024-05-10 | High(9–17h): 88.5°F | Low(9–17h): 75.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 773.0 W/m² | Precip(9–17h): 0.00 mm
5/10/2025	0	48.31	0	0	48.31	-15.07%	2025-05-10 | High(9–17h): 87.8°F | Low(9–17h): 75.9°F | Avg Cloud(9–17h): 22% | Avg Rad(9–17h): 766.2 W/m² | Precip(9–17h): 0.00 mm
5/11/2023	78.96	20.83	46.9	32.06	52.89		2023-05-11 | High(9–17h): 79.7°F | Low(9–17h): 63.5°F | Avg Cloud(9–17h): 5% | Avg Rad(9–17h): 760.4 W/m² | Precip(9–17h): 0.00 mm
5/11/2024	85.66	23.05	47.45	38.21	61.26	15.83%	2024-05-11 | High(9–17h): 92.1°F | Low(9–17h): 73.9°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 769.7 W/m² | Precip(9–17h): 0.00 mm
5/11/2025	0	36.99	0	0	36.99	-39.62%	2025-05-11 | High(9–17h): 78.1°F | Low(9–17h): 69.8°F | Avg Cloud(9–17h): 66% | Avg Rad(9–17h): 675.2 W/m² | Precip(9–17h): 0.00 mm
5/12/2023	80.06	22.26	32.43	47.63	69.89		2023-05-12 | High(9–17h): 89.4°F | Low(9–17h): 70.7°F | Avg Cloud(9–17h): 12% | Avg Rad(9–17h): 761.2 W/m² | Precip(9–17h): 0.00 mm
5/12/2024	86.06	21.11	50.27	35.79	56.9	-18.59%	2024-05-12 | High(9–17h): 88.9°F | Low(9–17h): 75.4°F | Avg Cloud(9–17h): 10% | Avg Rad(9–17h): 758.1 W/m² | Precip(9–17h): 0.00 mm
5/12/2025	0	31.96	0	0	31.96	-43.83%	2025-05-12 | High(9–17h): 64.6°F | Low(9–17h): 57.0°F | Avg Cloud(9–17h): 71% | Avg Rad(9–17h): 532.4 W/m² | Precip(9–17h): 8.00 mm
5/13/2023	80.79	21.59	48.84	31.95	53.54		2023-05-13 | High(9–17h): 94.1°F | Low(9–17h): 78.6°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 771.9 W/m² | Precip(9–17h): 0.00 mm
5/13/2024	85.72	20.21	47.16	38.56	58.77	9.77%	2024-05-13 | High(9–17h): 90.0°F | Low(9–17h): 75.7°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 772.4 W/m² | Precip(9–17h): 0.00 mm
5/13/2025	0	39.43	0	0	39.43	-32.91%	2025-05-13 | High(9–17h): 71.2°F | Low(9–17h): 60.1°F | Avg Cloud(9–17h): 19% | Avg Rad(9–17h): 757.8 W/m² | Precip(9–17h): 0.00 mm
5/14/2023	77.95	15.94	41.92	36.03	51.97		2023-05-14 | High(9–17h): 92.5°F | Low(9–17h): 80.2°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 773.4 W/m² | Precip(9–17h): 0.00 mm
5/14/2024	84.45	21.69	49.46	34.99	56.68	9.06%	2024-05-14 | High(9–17h): 94.5°F | Low(9–17h): 77.4°F | Avg Cloud(9–17h): 71% | Avg Rad(9–17h): 751.3 W/m² | Precip(9–17h): 0.00 mm
5/14/2025	0	38.27	0	0	38.27	-32.48%	2025-05-14 | High(9–17h): 75.9°F | Low(9–17h): 64.4°F | Avg Cloud(9–17h): 65% | Avg Rad(9–17h): 711.2 W/m² | Precip(9–17h): 0.00 mm
5/15/2023	83.36	16.53	51.05	32.31	48.84		2023-05-15 | High(9–17h): 90.0°F | Low(9–17h): 74.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 763.0 W/m² | Precip(9–17h): 0.00 mm
5/15/2024	87.95	21.25	50.58	37.37	58.62	20.02%	2024-05-15 | High(9–17h): 96.8°F | Low(9–17h): 81.5°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 780.0 W/m² | Precip(9–17h): 0.00 mm
5/15/2025	0	50.58	0	0	50.58	-13.72%	2025-05-15 | High(9–17h): 81.9°F | Low(9–17h): 67.6°F | Avg Cloud(9–17h): 82% | Avg Rad(9–17h): 755.7 W/m² | Precip(9–17h): 0.00 mm
5/16/2023	77.4	28.21	29.08	48.32	76.53		2023-05-16 | High(9–17h): 93.2°F | Low(9–17h): 77.9°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 777.8 W/m² | Precip(9–17h): 0.00 mm
5/16/2024	87	24.39	32.31	54.69	79.08	3.33%	2024-05-16 | High(9–17h): 87.3°F | Low(9–17h): 74.1°F | Avg Cloud(9–17h): 2% | Avg Rad(9–17h): 760.4 W/m² | Precip(9–17h): 0.00 mm
5/16/2025	0	52.49	0	0	52.49	-33.62%	2025-05-16 | High(9–17h): 84.0°F | Low(9–17h): 72.5°F | Avg Cloud(9–17h): 51% | Avg Rad(9–17h): 756.2 W/m² | Precip(9–17h): 0.00 mm
5/17/2023	77.91	31.34	36.8	41.11	72.45		2023-05-17 | High(9–17h): 95.4°F | Low(9–17h): 80.1°F | Avg Cloud(9–17h): 50% | Avg Rad(9–17h): 762.2 W/m² | Precip(9–17h): 0.00 mm
5/17/2024	84.06	21.68	47.52	36.54	58.22	-19.64%	2024-05-17 | High(9–17h): 90.0°F | Low(9–17h): 70.9°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 770.8 W/m² | Precip(9–17h): 0.00 mm
5/17/2025	0	42.85	0	0	42.85	-26.40%	2025-05-17 | High(9–17h): 78.8°F | Low(9–17h): 67.8°F | Avg Cloud(9–17h): 28% | Avg Rad(9–17h): 655.2 W/m² | Precip(9–17h): 0.00 mm
5/18/2023	79.52	25.16	40.91	38.61	63.77		2023-05-18 | High(9–17h): 95.7°F | Low(9–17h): 79.5°F | Avg Cloud(9–17h): 6% | Avg Rad(9–17h): 769.4 W/m² | Precip(9–17h): 0.00 mm
5/18/2024	84.37	21.2	49.51	34.86	56.06	-12.09%	2024-05-18 | High(9–17h): 89.2°F | Low(9–17h): 74.3°F | Avg Cloud(9–17h): 21% | Avg Rad(9–17h): 767.0 W/m² | Precip(9–17h): 0.00 mm
5/18/2025	0	49.03	0	0	49.03	-12.54%	2025-05-18 | High(9–17h): 81.9°F | Low(9–17h): 68.2°F | Avg Cloud(9–17h): 17% | Avg Rad(9–17h): 777.1 W/m² | Precip(9–17h): 0.00 mm
5/19/2023	81.2	27.48	43.29	37.91	65.39		2023-05-19 | High(9–17h): 95.5°F | Low(9–17h): 78.4°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 781.0 W/m² | Precip(9–17h): 0.00 mm
5/19/2024	85.94	19.57	55.1	30.84	50.41	-22.91%	2024-05-19 | High(9–17h): 82.9°F | Low(9–17h): 70.3°F | Avg Cloud(9–17h): 15% | Avg Rad(9–17h): 778.2 W/m² | Precip(9–17h): 0.00 mm
5/19/2025	0	55.81	0	0	55.81	10.71%	2025-05-19 | High(9–17h): 86.2°F | Low(9–17h): 72.0°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 777.7 W/m² | Precip(9–17h): 0.00 mm
5/20/2023	80.29	23.11	37.09	43.2	66.31		2023-05-20 | High(9–17h): 91.9°F | Low(9–17h): 75.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 770.6 W/m² | Precip(9–17h): 0.00 mm
5/20/2024	85.5	16.36	59.07	26.43	42.79	-35.47%	2024-05-20 | High(9–17h): 81.3°F | Low(9–17h): 69.6°F | Avg Cloud(9–17h): 27% | Avg Rad(9–17h): 798.7 W/m² | Precip(9–17h): 0.00 mm
5/20/2025	0	46.01	0	0	46.01	7.53%	2025-05-20 | High(9–17h): 85.5°F | Low(9–17h): 70.0°F | Avg Cloud(9–17h): 2% | Avg Rad(9–17h): 802.8 W/m² | Precip(9–17h): 0.00 mm
5/21/2023	70.2	24.6	26.23	43.97	68.57		2023-05-21 | High(9–17h): 92.1°F | Low(9–17h): 74.1°F | Avg Cloud(9–17h): 61% | Avg Rad(9–17h): 718.0 W/m² | Precip(9–17h): 0.00 mm
5/21/2024	88.75	17.19	58.86	29.89	47.08	-31.34%	2024-05-21 | High(9–17h): 86.2°F | Low(9–17h): 74.3°F | Avg Cloud(9–17h): 8% | Avg Rad(9–17h): 798.4 W/m² | Precip(9–17h): 0.00 mm
5/21/2025	0	48.4	0	0	48.4	2.80%	2025-05-21 | High(9–17h): 90.1°F | Low(9–17h): 75.7°F | Avg Cloud(9–17h): 16% | Avg Rad(9–17h): 780.2 W/m² | Precip(9–17h): 0.00 mm
5/22/2023	74.67	22.29	37.84	36.83	59.12		2023-05-22 | High(9–17h): 93.4°F | Low(9–17h): 79.9°F | Avg Cloud(9–17h): 63% | Avg Rad(9–17h): 745.3 W/m² | Precip(9–17h): 0.00 mm
5/22/2024	86.27	18.57	54.45	31.82	50.39	-14.77%	2024-05-22 | High(9–17h): 85.8°F | Low(9–17h): 72.5°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 785.7 W/m² | Precip(9–17h): 0.00 mm

Date/Time	Energy Delivered (kWh)	PG&E Import	PG&E Export	Home consur	Total used	Dif	0
5/22/2025	0	42.35	0	0	42.35	-15.96%	2025-05-22 | High(9–17h): 83.1°F | Low(9–17h): 74.7°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 787.0 W/m² | Precip(9–17h): 0.00 mm
5/23/2023	73.51	17.79	39.89	33.62	51.41		2023-05-23 | High(9–17h): 89.4°F | Low(9–17h): 78.6°F | Avg Cloud(9–17h): 46% | Avg Rad(9–17h): 681.7 W/m² | Precip(9–17h): 0.50 mm
5/23/2024	89.26	17.71	61.56	27.7	45.41	-11.67%	2024-05-23 | High(9–17h): 85.3°F | Low(9–17h): 69.8°F | Avg Cloud(9–17h): 10% | Avg Rad(9–17h): 800.9 W/m² | Precip(9–17h): 0.00 mm
5/23/2025	0	36.91	0	0	36.91	-18.72%	2025-05-23 | High(9–17h): 83.5°F | Low(9–17h): 68.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 790.1 W/m² | Precip(9–17h): 0.00 mm
5/24/2023	83.36	19.04	50.45	32.91	51.95		2023-05-24 | High(9–17h): 86.2°F | Low(9–17h): 70.7°F | Avg Cloud(9–17h): 2% | Avg Rad(9–17h): 772.6 W/m² | Precip(9–17h): 0.00 mm
5/24/2024	81.07	17.51	49.58	31.49	49	-5.68%	2024-05-24 | High(9–17h): 82.9°F | Low(9–17h): 70.0°F | Avg Cloud(9–17h): 77% | Avg Rad(9–17h): 736.8 W/m² | Precip(9–17h): 0.00 mm
5/24/2025	0	62.13	0	0	62.13	26.80%	2025-05-24 | High(9–17h): 90.0°F | Low(9–17h): 75.6°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 785.1 W/m² | Precip(9–17h): 0.00 mm
5/25/2023	78.11	15.45	49.07	29.04	44.49		2023-05-25 | High(9–17h): 87.4°F | Low(9–17h): 71.6°F | Avg Cloud(9–17h): 22% | Avg Rad(9–17h): 748.8 W/m² | Precip(9–17h): 0.00 mm
5/25/2024	77.8	17.98	44.86	32.94	50.92	14.45%	2024-05-25 | High(9–17h): 73.4°F | Low(9–17h): 62.8°F | Avg Cloud(9–17h): 50% | Avg Rad(9–17h): 630.2 W/m² | Precip(9–17h): 0.00 mm
5/25/2025	0	46.34	0	0	46.34	-8.99%	2025-05-25 | High(9–17h): 83.3°F | Low(9–17h): 67.6°F | Avg Cloud(9–17h): 60% | Avg Rad(9–17h): 761.7 W/m² | Precip(9–17h): 0.00 mm
5/26/2023	83.51	14.36	47.45	36.06	50.42		2023-05-26 | High(9–17h): 84.7°F | Low(9–17h): 68.9°F | Avg Cloud(9–17h): 4% | Avg Rad(9–17h): 770.0 W/m² | Precip(9–17h): 0.00 mm
5/26/2024	83.28	28.39	40.78	42.5	70.89	40.60%	2024-05-26 | High(9–17h): 87.1°F | Low(9–17h): 72.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 783.8 W/m² | Precip(9–17h): 0.00 mm
5/26/2025	0	62.66	0	0	62.66	-11.61%	2025-05-26 | High(9–17h): 82.0°F | Low(9–17h): 65.8°F | Avg Cloud(9–17h): 6% | Avg Rad(9–17h): 788.2 W/m² | Precip(9–17h): 0.00 mm
5/27/2023	75.96	18.98	43.04	32.92	51.9		2023-05-27 | High(9–17h): 85.1°F | Low(9–17h): 71.4°F | Avg Cloud(9–17h): 33% | Avg Rad(9–17h): 714.6 W/m² | Precip(9–17h): 0.10 mm
5/27/2024	85.61	20.81	47.21	38.4	59.21	14.08%	2024-05-27 | High(9–17h): 91.0°F | Low(9–17h): 75.4°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 785.7 W/m² | Precip(9–17h): 0.00 mm
5/27/2025	0	51.68	0	0	51.68	-12.72%	2025-05-27 | High(9–17h): 90.5°F | Low(9–17h): 79.5°F | Avg Cloud(9–17h): 47% | Avg Rad(9–17h): 785.8 W/m² | Precip(9–17h): 0.00 mm
5/28/2023	71.35	18.41	38.19	33.16	51.57		2023-05-28 | High(9–17h): 85.8°F | Low(9–17h): 73.4°F | Avg Cloud(9–17h): 18% | Avg Rad(9–17h): 733.7 W/m² | Precip(9–17h): 0.00 mm
5/28/2024	82.11	23.89	41.57	40.54	64.43	24.94%	2024-05-28 | High(9–17h): 88.9°F | Low(9–17h): 74.7°F | Avg Cloud(9–17h): 47% | Avg Rad(9–17h): 750.9 W/m² | Precip(9–17h): 0.00 mm
5/28/2025	0	48.01	0	0	48.01	-25.49%	2025-05-28 | High(9–17h): 90.9°F | Low(9–17h): 76.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 781.4 W/m² | Precip(9–17h): 0.00 mm
5/29/2023	82.85	12.86	41.93	40.92	53.78		2023-05-29 | High(9–17h): 87.6°F | Low(9–17h): 71.8°F | Avg Cloud(9–17h): 20% | Avg Rad(9–17h): 761.6 W/m² | Precip(9–17h): 0.00 mm
5/29/2024	86.03	21.43	55.01	31.02	52.45	-2.47%	2024-05-29 | High(9–17h): 88.0°F | Low(9–17h): 73.9°F | Avg Cloud(9–17h): 55% | Avg Rad(9–17h): 805.8 W/m² | Precip(9–17h): 0.00 mm
5/29/2025	0	52.45	0	0	52.45	0.00%	2025-05-29 | High(9–17h): 94.8°F | Low(9–17h): 77.4°F | Avg Cloud(9–17h): 55% | Avg Rad(9–17h): 771.0 W/m² | Precip(9–17h): 0.00 mm
5/30/2023	82.39	17.27	51.96	30.43	47.7		2023-05-30 | High(9–17h): 86.0°F | Low(9–17h): 70.9°F | Avg Cloud(9–17h): 13% | Avg Rad(9–17h): 773.1 W/m² | Precip(9–17h): 0.00 mm
5/30/2024	86.35	21.99	49.02	37.33	59.32	24.36%	2024-05-30 | High(9–17h): 93.9°F | Low(9–17h): 77.4°F | Avg Cloud(9–17h): 18% | Avg Rad(9–17h): 791.1 W/m² | Precip(9–17h): 0.00 mm
5/30/2025	0	58.79	0	0	58.79	-0.89%	2025-05-30 | High(9–17h): 101.7°F | Low(9–17h): 83.8°F | Avg Cloud(9–17h): 2% | Avg Rad(9–17h): 789.3 W/m² | Precip(9–17h): 0.00 mm
5/31/2023	81.23	18.79	40.49	40.74	59.53		2023-05-31 | High(9–17h): 85.1°F | Low(9–17h): 70.7°F | Avg Cloud(9–17h): 14% | Avg Rad(9–17h): 747.6 W/m² | Precip(9–17h): 0.00 mm
5/31/2024	83.82	27.85	39.22	44.6	72.45	21.70%	2024-05-31 | High(9–17h): 97.7°F | Low(9–17h): 83.5°F | Avg Cloud(9–17h): 4% | Avg Rad(9–17h): 796.1 W/m² | Precip(9–17h): 0.00 mm
5/31/2025	0	64.4	0	0	64.4	-11.11%	2025-05-31 | High(9–17h): 100.4°F | Low(9–17h): 88.2°F | Avg Cloud(9–17h): 33% | Avg Rad(9–17h): 781.0 W/m² | Precip(9–17h): 0.00 mm
6/10/2023	71.49	12.88	38.54	32.95	45.83		2023-06-10 | High(9–17h): 92.1°F | Low(9–17h): 78.3°F | Avg Cloud(9–17h): 94% | Avg Rad(9–17h): 716.8 W/m² | Precip(9–17h): 0.00 mm
6/10/2024	85.16	36.34	42.46	42.7	79.04	72.46%	2024-06-10 | High(9–17h): 104.0°F | Low(9–17h): 85.6°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 797.2 W/m² | Precip(9–17h): 0.00 mm
6/10/2025	0	60.35	0	0	60.35	-23.65%	2025-06-10 | High(9–17h): 95.7°F | Low(9–17h): 80.2°F | Avg Cloud(9–17h): 36% | Avg Rad(9–17h): 740.0 W/m² | Precip(9–17h): 0.00 mm
6/11/2023	73.86	16.78	41.62	32.24	49.02		2023-06-11 | High(9–17h): 93.4°F | Low(9–17h): 82.0°F | Avg Cloud(9–17h): 75% | Avg Rad(9–17h): 708.8 W/m² | Precip(9–17h): 0.00 mm
6/11/2024	83.11	33.09	41.49	41.62	74.71	52.41%	2024-06-11 | High(9–17h): 105.4°F | Low(9–17h): 88.5°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 786.4 W/m² | Precip(9–17h): 0.00 mm
6/11/2025	0	59.48	0	0	59.48	-20.39%	2025-06-11 | High(9–17h): 90.1°F | Low(9–17h): 73.2°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 795.0 W/m² | Precip(9–17h): 0.00 mm
6/12/2023	78.26	16.24	47.2	31.06	47.3		2023-06-12 | High(9–17h): 86.5°F | Low(9–17h): 73.8°F | Avg Cloud(9–17h): 41% | Avg Rad(9–17h): 733.6 W/m² | Precip(9–17h): 0.00 mm
6/12/2024	82.89	32.81	37.24	45.65	78.46	65.88%	2024-06-12 | High(9–17h): 105.1°F | Low(9–17h): 90.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 795.9 W/m² | Precip(9–17h): 0.00 mm
6/12/2025	0	53.65	0	0	53.65	-31.62%	2025-06-12 | High(9–17h): 92.5°F | Low(9–17h): 75.7°F | Avg Cloud(9–17h): 22% | Avg Rad(9–17h): 795.0 W/m² | Precip(9–17h): 0.00 mm
6/13/2023	77.79	18.04	43.37	34.42	52.46		2023-06-13 | High(9–17h): 91.2°F | Low(9–17h): 75.9°F | Avg Cloud(9–17h): 21% | Avg Rad(9–17h): 762.0 W/m² | Precip(9–17h): 0.00 mm
6/13/2024	84.78	25.26	45.11	39.67	64.93	23.77%	2024-06-13 | High(9–17h): 96.1°F | Low(9–17h): 80.6°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 787.2 W/m² | Precip(9–17h): 0.00 mm
6/13/2025	0	56.54	0	0	56.54	-12.92%	2025-06-13 | High(9–17h): 88.9°F | Low(9–17h): 75.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 794.3 W/m² | Precip(9–17h): 0.00 mm
6/14/2023	64.63	20.7	29.37	35.26	55.96		2023-06-14 | High(9–17h): 93.7°F | Low(9–17h): 81.3°F | Avg Cloud(9–17h): 72% | Avg Rad(9–17h): 703.4 W/m² | Precip(9–17h): 0.00 mm
6/14/2024	81.17	22.93	43.05	38.12	61.05	9.10%	2024-06-14 | High(9–17h): 93.0°F | Low(9–17h): 77.5°F | Avg Cloud(9–17h): 29% | Avg Rad(9–17h): 765.9 W/m² | Precip(9–17h): 0.00 mm
6/14/2025	0	67.03	0	0	67.03	9.80%	2025-06-14 | High(9–17h): 88.7°F | Low(9–17h): 76.5°F | Avg Cloud(9–17h): 80% | Avg Rad(9–17h): 779.9 W/m² | Precip(9–17h): 0.00 mm
6/15/2023	75.06	20.55	36.8	38.26	58.81		2023-06-15 | High(9–17h): 97.2°F | Low(9–17h): 80.2°F | Avg Cloud(9–17h): 34% | Avg Rad(9–17h): 774.1 W/m² | Precip(9–17h): 0.00 mm
6/15/2024	80.63	20.67	39.79	40.84	61.51	4.59%	2024-06-15 | High(9–17h): 88.9°F | Low(9–17h): 74.3°F | Avg Cloud(9–17h): 58% | Avg Rad(9–17h): 760.6 W/m² | Precip(9–17h): 0.00 mm
6/15/2025	0	50.15	0	0	50.15	-18.47%	2025-06-15 | High(9–17h): 92.3°F | Low(9–17h): 77.7°F | Avg Cloud(9–17h): 22% | Avg Rad(9–17h): 799.0 W/m² | Precip(9–17h): 0.00 mm
6/16/2023	77.53	21.13	36.14	41.39	62.52		2023-06-16 | High(9–17h): 99.9°F | Low(9–17h): 86.9°F | Avg Cloud(9–17h): 56% | Avg Rad(9–17h): 793.4 W/m² | Precip(9–17h): 0.00 mm
6/16/2024	71.31	21.1	32.94	38.37	59.47	-4.88%	2024-06-16 | High(9–17h): 89.6°F | Low(9–17h): 77.4°F | Avg Cloud(9–17h): 65% | Avg Rad(9–17h): 723.0 W/m² | Precip(9–17h): 0.00 mm
6/16/2025	0	55.13	0	0	55.13	-7.30%	2025-06-16 | High(9–17h): 91.6°F | Low(9–17h): 78.3°F | Avg Cloud(9–17h): 21% | Avg Rad(9–17h): 759.0 W/m² | Precip(9–17h): 0.00 mm
6/17/2023	70.49	19.33	33.72	36.77	56.1		2023-06-17 | High(9–17h): 95.9°F | Low(9–17h): 79.9°F | Avg Cloud(9–17h): 84% | Avg Rad(9–17h): 754.7 W/m² | Precip(9–17h): 0.00 mm
6/17/2024	90.39	17.66	60.57	29.82	47.48	-15.37%	2024-06-17 | High(9–17h): 85.1°F | Low(9–17h): 69.4°F | Avg Cloud(9–17h): 21% | Avg Rad(9–17h): 816.4 W/m² | Precip(9–17h): 0.00 mm
6/17/2025	0	65.56	0	0	65.56	38.08%	2025-06-17 | High(9–17h): 96.1°F | Low(9–17h): 80.6°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 797.7 W/m² | Precip(9–17h): 0.00 mm
6/18/2023	80.4	14.96	45.58	34.82	49.78		2023-06-18 | High(9–17h): 88.7°F | Low(9–17h): 77.5°F | Avg Cloud(9–17h): 18% | Avg Rad(9–17h): 781.6 W/m² | Precip(9–17h): 0.00 mm
6/18/2024	86.92	22.91	45.08	41.84	64.75	30.07%	2024-06-18 | High(9–17h): 90.7°F | Low(9–17h): 77.0°F | Avg Cloud(9–17h): 30% | Avg Rad(9–17h): 839.8 W/m² | Precip(9–17h): 0.00 mm
6/18/2025	0	72.06	0	0	72.06	11.29%	2025-06-18 | High(9–17h): 101.5°F | Low(9–17h): 86.0°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 794.9 W/m² | Precip(9–17h): 0.00 mm
6/19/2023	70.23	15.47	49.62	20.61	36.08		2023-06-19 | High(9–17h): 75.9°F | Low(9–17h): 66.6°F | Avg Cloud(9–17h): 36% | Avg Rad(9–17h): 724.0 W/m² | Precip(9–17h): 0.00 mm
6/19/2024	83.37	20.53	47.7	35.67	56.2	55.76%	2024-06-19 | High(9–17h): 94.3°F | Low(9–17h): 78.8°F | Avg Cloud(9–17h): 63% | Avg Rad(9–17h): 800.3 W/m² | Precip(9–17h): 0.00 mm
6/19/2025	0	61.34	0	0	61.34	9.15%	2025-06-19 | High(9–17h): 94.5°F | Low(9–17h): 81.7°F | Avg Cloud(9–17h): 9% | Avg Rad(9–17h): 795.4 W/m² | Precip(9–17h): 0.00 mm

Date/Time	Energy Delivered (kWh)	PG&E Import	PG&E Export	Home consur	Total used	Dif	0
6/20/2023	70.42	27.58	46.26	24.16	51.74		2023-06-20 | High(9–17h): 79.3°F | Low(9–17h): 66.6°F | Avg Cloud(9–17h): 20% | Avg Rad(9–17h): 810.6 W/m² | Precip(9–17h): 0.00 mm
6/20/2024	77.32	23.12	42.31	35.01	58.13	12.35%	2024-06-20 | High(9–17h): 98.4°F | Low(9–17h): 78.8°F | Avg Cloud(9–17h): 64% | Avg Rad(9–17h): 719.4 W/m² | Precip(9–17h): 0.00 mm
6/20/2025	0	47.88	0	0	47.88	-17.63%	2025-06-20 | High(9–17h): 83.5°F | Low(9–17h): 70.2°F | Avg Cloud(9–17h): 43% | Avg Rad(9–17h): 734.0 W/m² | Precip(9–17h): 0.00 mm
6/21/2023	81.11	14.15	52.75	28.36	42.51		2023-06-21 | High(9–17h): 88.9°F | Low(9–17h): 75.2°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 809.4 W/m² | Precip(9–17h): 0.00 mm
6/21/2024	80.87	33.05	36.95	43.92	76.97	81.06%	2024-06-21 | High(9–17h): 106.5°F | Low(9–17h): 85.5°F | Avg Cloud(9–17h): 19% | Avg Rad(9–17h): 790.9 W/m² | Precip(9–17h): 0.00 mm
6/21/2025	0	41.46	0	0	41.46	-46.13%	2025-06-21 | High(9–17h): 81.9°F | Low(9–17h): 68.7°F | Avg Cloud(9–17h): 21% | Avg Rad(9–17h): 808.9 W/m² | Precip(9–17h): 0.00 mm
6/22/2023	61.24	16.3	40.45	20.79	37.09		2023-06-22 | High(9–17h): 86.9°F | Low(9–17h): 75.0°F | Avg Cloud(9–17h): 99% | Avg Rad(9–17h): 674.9 W/m² | Precip(9–17h): 0.00 mm
6/22/2024	80.92	29.99	36.84	44.08	74.07	99.70%	2024-06-22 | High(9–17h): 105.4°F | Low(9–17h): 86.5°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 789.1 W/m² | Precip(9–17h): 0.00 mm
6/22/2025	0	51.57	0	0	51.57	-30.38%	2025-06-22 | High(9–17h): 86.2°F | Low(9–17h): 71.8°F | Avg Cloud(9–17h): 12% | Avg Rad(9–17h): 801.2 W/m² | Precip(9–17h): 0.00 mm
6/23/2023	78.91	10.62	63.43	15.48	26.1		2023-06-23 | High(9–17h): 85.8°F | Low(9–17h): 68.2°F | Avg Cloud(9–17h): 5% | Avg Rad(9–17h): 787.0 W/m² | Precip(9–17h): 0.00 mm
6/23/2024	83.88	29.69	38.54	45.34	75.03	187.47%	2024-06-23 | High(9–17h): 104.5°F | Low(9–17h): 86.7°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 799.4 W/m² | Precip(9–17h): 0.00 mm
6/23/2025	0	50.28	0	0	50.28	-32.99%	2025-06-23 | High(9–17h): 94.3°F | Low(9–17h): 82.4°F | Avg Cloud(9–17h): 25% | Avg Rad(9–17h): 808.7 W/m² | Precip(9–17h): 0.00 mm
6/24/2023	70.75	6.71	51.86	18.89	25.6		2023-06-24 | High(9–17h): 89.1°F | Low(9–17h): 73.2°F | Avg Cloud(9–17h): 80% | Avg Rad(9–17h): 752.0 W/m² | Precip(9–17h): 0.00 mm
6/24/2024	84.53	30.98	39.46	45.07	76.05	197.07%	2024-06-24 | High(9–17h): 102.4°F | Low(9–17h): 87.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 799.4 W/m² | Precip(9–17h): 0.00 mm
6/24/2025	0	45.36	0	0	45.36	-40.36%	2025-06-24 | High(9–17h): 95.5°F | Low(9–17h): 81.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 800.7 W/m² | Precip(9–17h): 0.00 mm
6/25/2023	74.06	6.95	53.86	20.2	27.15		2023-06-25 | High(9–17h): 89.2°F | Low(9–17h): 73.4°F | Avg Cloud(9–17h): 62% | Avg Rad(9–17h): 775.2 W/m² | Precip(9–17h): 0.00 mm
6/25/2024	61.63	36.23	19.13	42.5	78.73	189.98%	2024-06-25 | High(9–17h): 97.2°F | Low(9–17h): 86.7°F | Avg Cloud(9–17h): 62% | Avg Rad(9–17h): 674.4 W/m² | Precip(9–17h): 0.00 mm
6/25/2025	0	57.26	0	0	57.26	-27.27%	2025-06-25 | High(9–17h): 94.5°F | Low(9–17h): 77.5°F | Avg Cloud(9–17h): 2% | Avg Rad(9–17h): 793.1 W/m² | Precip(9–17h): 0.00 mm
6/26/2023	72.66	12.51	42.47	30.19	42.7		2023-06-26 | High(9–17h): 91.0°F | Low(9–17h): 75.4°F | Avg Cloud(9–17h): 59% | Avg Rad(9–17h): 717.1 W/m² | Precip(9–17h): 0.00 mm
6/26/2024	83.23	18.31	55.46	27.77	46.08	7.92%	2024-06-26 | High(9–17h): 98.4°F | Low(9–17h): 82.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 791.4 W/m² | Precip(9–17h): 0.00 mm
6/26/2025	0	52.33	0	0	52.33	13.56%	2025-06-26 | High(9–17h): 95.7°F | Low(9–17h): 79.3°F | Avg Cloud(9–17h): 32% | Avg Rad(9–17h): 790.1 W/m² | Precip(9–17h): 0.00 mm
6/27/2023	78.88	15.64	42.93	35.95	51.59		2023-06-27 | High(9–17h): 93.4°F | Low(9–17h): 76.5°F | Avg Cloud(9–17h): 9% | Avg Rad(9–17h): 770.4 W/m² | Precip(9–17h): 0.00 mm
6/27/2024	74.97	16.52	47.01	27.96	44.48	-13.78%	2024-06-27 | High(9–17h): 93.0°F | Low(9–17h): 79.3°F | Avg Cloud(9–17h): 84% | Avg Rad(9–17h): 708.7 W/m² | Precip(9–17h): 0.00 mm
6/27/2025	0	63.55	0	0	63.55	42.87%	2025-06-27 | High(9–17h): 99.3°F | Low(9–17h): 84.6°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 785.8 W/m² | Precip(9–17h): 0.00 mm
6/28/2023	77.46	21.89	34.39	43.07	64.96		2023-06-28 | High(9–17h): 99.5°F | Low(9–17h): 81.9°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 793.6 W/m² | Precip(9–17h): 0.00 mm
6/28/2024	81.61	16.24	51.61	30	46.24	-28.82%	2024-06-28 | High(9–17h): 100.6°F | Low(9–17h): 85.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 795.2 W/m² | Precip(9–17h): 0.00 mm
6/28/2025	0	61.41	0	0	61.41	32.81%	2025-06-28 | High(9–17h): 103.1°F | Low(9–17h): 90.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 784.2 W/m² | Precip(9–17h): 0.00 mm
6/29/2023	75.47	25.63	32.36	43.11	68.74		2023-06-29 | High(9–17h): 104.7°F | Low(9–17h): 86.9°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 793.9 W/m² | Precip(9–17h): 0.00 mm
6/29/2024	77.94	17.8	46.99	30.95	48.75	-29.08%	2024-06-29 | High(9–17h): 100.6°F | Low(9–17h): 86.9°F | Avg Cloud(9–17h): 33% | Avg Rad(9–17h): 764.8 W/m² | Precip(9–17h): 0.00 mm
6/29/2025	0	68.16	0	0	68.16	39.82%	2025-06-29 | High(9–17h): 103.8°F | Low(9–17h): 88.7°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 788.7 W/m² | Precip(9–17h): 0.00 mm
6/30/2023	74.93	30.39	33.69	41.24	71.63		2023-06-30 | High(9–17h): 108.3°F | Low(9–17h): 90.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 790.4 W/m² | Precip(9–17h): 0.00 mm
6/30/2024	82.05	25.2	42.76	39.29	64.49	-9.97%	2024-06-30 | High(9–17h): 100.4°F | Low(9–17h): 87.3°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 786.8 W/m² | Precip(9–17h): 0.00 mm
6/30/2025	0	58.8	0	0	58.8	-8.82%	2025-06-30 | High(9–17h): 99.1°F | Low(9–17h): 86.0°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 775.0 W/m² | Precip(9–17h): 0.00 mm
7/10/2023	79.42	20.69	42.97	36.45	57.14		2023-07-10 | High(9–17h): 96.6°F | Low(9–17h): 77.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 794.9 W/m² | Precip(9–17h): 0.00 mm
7/10/2024	84.01	37.5	32.8	51.21	88.71	55.25%	2024-07-10 | High(9–17h): 113.7°F | Low(9–17h): 96.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 779.4 W/m² | Precip(9–17h): 0.00 mm
7/10/2025	0	73.26	0	0	73.26	-17.42%	2025-07-10 | High(9–17h): 106.2°F | Low(9–17h): 89.6°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 787.7 W/m² | Precip(9–17h): 0.00 mm
7/11/2023	78.95	22.83	39.98	38.97	61.8		2023-07-11 | High(9–17h): 100.6°F | Low(9–17h): 85.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 787.4 W/m² | Precip(9–17h): 0.00 mm
7/11/2024	84.75	36.5	37.18	47.57	84.07	36.04%	2024-07-11 | High(9–17h): 112.6°F | Low(9–17h): 98.6°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 787.3 W/m² | Precip(9–17h): 0.00 mm
7/11/2025	0	74	0	0	74	-11.98%	2025-07-11 | High(9–17h): 109.9°F | Low(9–17h): 92.5°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 777.7 W/m² | Precip(9–17h): 0.00 mm
7/12/2023	76.95	26.09	30.79	46.16	72.25		2023-07-12 | High(9–17h): 99.7°F | Low(9–17h): 85.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 787.9 W/m² | Precip(9–17h): 0.00 mm
7/12/2024	83.27	39.05	30.07	53.2	92.25	27.68%	2024-07-12 | High(9–17h): 115.5°F | Low(9–17h): 97.7°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 785.2 W/m² | Precip(9–17h): 0.00 mm
7/12/2025	0	79.99	0	0	79.99	-13.29%	2025-07-12 | High(9–17h): 108.7°F | Low(9–17h): 92.5°F | Avg Cloud(9–17h): 2% | Avg Rad(9–17h): 773.3 W/m² | Precip(9–17h): 0.00 mm
7/13/2023	74.15	21.23	35.24	38.91	60.14		2023-07-13 | High(9–17h): 101.1°F | Low(9–17h): 85.5°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 783.7 W/m² | Precip(9–17h): 0.00 mm
7/13/2024	61.24	42.14	15.21	46.03	88.17	46.61%	2024-07-13 | High(9–17h): 111.9°F | Low(9–17h): 94.8°F | Avg Cloud(9–17h): 45% | Avg Rad(9–17h): 719.6 W/m² | Precip(9–17h): 0.00 mm
7/13/2025	0	67.54	0	0	67.54	-23.40%	2025-07-13 | High(9–17h): 105.1°F | Low(9–17h): 88.0°F | Avg Cloud(9–17h): 10% | Avg Rad(9–17h): 761.1 W/m² | Precip(9–17h): 0.00 mm
7/14/2023	76.31	25.49	33.43	42.88	68.37		2023-07-14 | High(9–17h): 110.1°F | Low(9–17h): 91.2°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 785.6 W/m² | Precip(9–17h): 0.00 mm
7/14/2024	64.55	37.86	24.79	39.76	77.62	13.53%	2024-07-14 | High(9–17h): 104.7°F | Low(9–17h): 87.4°F | Avg Cloud(9–17h): 61% | Avg Rad(9–17h): 716.0 W/m² | Precip(9–17h): 0.00 mm
7/14/2025	0	70.68	0	0	70.68	-8.94%	2025-07-14 | High(9–17h): 105.4°F | Low(9–17h): 88.9°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 772.0 W/m² | Precip(9–17h): 0.00 mm
7/15/2023	73.32	36.7	27.73	45.59	82.29		2023-07-15 | High(9–17h): 111.6°F | Low(9–17h): 91.6°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 780.3 W/m² | Precip(9–17h): 0.00 mm
7/15/2024	85.16	27.27	45.03	40.13	67.4	-18.09%	2024-07-15 | High(9–17h): 104.0°F | Low(9–17h): 84.9°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 768.8 W/m² | Precip(9–17h): 0.00 mm
7/15/2025	0	65.34	0	0	65.34	-3.06%	2025-07-15 | High(9–17h): 98.8°F | Low(9–17h): 82.0°F | Avg Cloud(9–17h): 10% | Avg Rad(9–17h): 763.9 W/m² | Precip(9–17h): 0.00 mm
7/16/2023	66.4	40.93	22.8	43.6	84.53		2023-07-16 | High(9–17h): 113.9°F | Low(9–17h): 97.5°F | Avg Cloud(9–17h): 70% | Avg Rad(9–17h): 752.2 W/m² | Precip(9–17h): 0.00 mm
7/16/2024	87.63	29.25	47.63	40	69.25	-18.08%	2024-07-16 | High(9–17h): 100.4°F | Low(9–17h): 83.7°F | Avg Cloud(9–17h): 2% | Avg Rad(9–17h): 776.6 W/m² | Precip(9–17h): 0.00 mm
7/16/2025	0	63.56	0	0	63.56	-8.22%	2025-07-16 | High(9–17h): 96.1°F | Low(9–17h): 79.2°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 779.6 W/m² | Precip(9–17h): 0.00 mm
7/17/2023	74.87	39.49	27.26	47.61	87.1		2023-07-17 | High(9–17h): 109.6°F | Low(9–17h): 94.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 772.9 W/m² | Precip(9–17h): 0.00 mm
7/17/2024	88.02	24.67	47.95	40.07	64.74	-25.67%	2024-07-17 | High(9–17h): 98.8°F | Low(9–17h): 77.7°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 786.9 W/m² | Precip(9–17h): 0.00 mm
7/17/2025	0	53.34	0	0	53.34	-17.61%	2025-07-17 | High(9–17h): 96.1°F | Low(9–17h): 76.6°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 774.7 W/m² | Precip(9–17h): 0.00 mm
7/18/2023	82	30.61	39.29	42.71	73.32		2023-07-18 | High(9–17h): 104.9°F | Low(9–17h): 90.5°F | Avg Cloud(9–17h): 2% | Avg Rad(9–17h): 785.1 W/m² | Precip(9–17h): 0.00 mm

Date/Time	Energy Delivered (kWh)	PG&E Import	PG&E Export	Home consur	Total used	Dif	0
7/18/2024	84.85	31.81	43.59	41.26	73.07	-0.34%	2024-07-18 | High(9–17h): 106.7°F | Low(9–17h): 89.4°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 785.7 W/m² | Precip(9–17h): 0.00 mm
7/18/2025	0	56.41	0	0	56.41	-22.80%	2025-07-18 | High(9–17h): 99.5°F | Low(9–17h): 81.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 777.6 W/m² | Precip(9–17h): 0.00 mm
7/19/2023	81.36	25.48	39.12	42.24	67.72		2023-07-19 | High(9–17h): 104.5°F | Low(9–17h): 87.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 795.2 W/m² | Precip(9–17h): 0.00 mm
7/19/2024	83.73	36.05	38.25	45.48	81.53	20.39%	2024-07-19 | High(9–17h): 110.7°F | Low(9–17h): 91.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 785.3 W/m² | Precip(9–17h): 0.00 mm
7/19/2025	0	69.54	0	0	69.54	-14.71%	2025-07-19 | High(9–17h): 101.3°F | Low(9–17h): 83.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 776.3 W/m² | Precip(9–17h): 0.00 mm
7/20/2023	76.75	32.67	34.43	42.32	74.99		2023-07-20 | High(9–17h): 108.7°F | Low(9–17h): 90.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 787.0 W/m² | Precip(9–17h): 0.00 mm
7/20/2024	81.76	42.65	29.53	52.23	94.88	26.52%	2024-07-20 | High(9–17h): 110.8°F | Low(9–17h): 93.4°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 745.9 W/m² | Precip(9–17h): 0.00 mm
7/20/2025	0	63.7	0	0	63.7	-32.86%	2025-07-20 | High(9–17h): 98.4°F | Low(9–17h): 81.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 764.0 W/m² | Precip(9–17h): 0.00 mm
7/21/2023	75.97	30.67	26.17	49.8	80.47		2023-07-21 | High(9–17h): 111.4°F | Low(9–17h): 92.7°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 790.4 W/m² | Precip(9–17h): 0.00 mm
7/21/2024	82.02	35.85	37.89	44.13	79.98	-0.61%	2024-07-21 | High(9–17h): 107.4°F | Low(9–17h): 89.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 763.6 W/m² | Precip(9–17h): 0.00 mm
7/21/2025	0	38.34	0	0	38.34	-52.06%	2025-07-21 | High(9–17h): 87.3°F | Low(9–17h): 71.2°F | Avg Cloud(9–17h): 25% | Avg Rad(9–17h): 655.0 W/m² | Precip(9–17h): 0.20 mm
7/22/2023	73.75	33.4	31.35	42.4	75.8		2023-07-22 | High(9–17h): 112.3°F | Low(9–17h): 92.3°F | Avg Cloud(9–17h): 90% | Avg Rad(9–17h): 706.2 W/m² | Precip(9–17h): 0.00 mm
7/22/2024	81.2	40.6	30.97	50.23	90.83	19.83%	2024-07-22 | High(9–17h): 110.8°F | Low(9–17h): 93.4°F | Avg Cloud(9–17h): 4% | Avg Rad(9–17h): 758.8 W/m² | Precip(9–17h): 0.00 mm
7/22/2025	0	48.67	0	0	48.67	-46.42%	2025-07-22 | High(9–17h): 89.1°F | Low(9–17h): 72.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 770.7 W/m² | Precip(9–17h): 0.00 mm
7/23/2023	62.84	31.73	19.12	43.72	75.45		2023-07-23 | High(9–17h): 108.5°F | Low(9–17h): 92.1°F | Avg Cloud(9–17h): 84% | Avg Rad(9–17h): 676.4 W/m² | Precip(9–17h): 0.00 mm
7/23/2024	77.93	40.99	32.73	45.2	86.19	14.23%	2024-07-23 | High(9–17h): 110.8°F | Low(9–17h): 97.2°F | Avg Cloud(9–17h): 36% | Avg Rad(9–17h): 724.3 W/m² | Precip(9–17h): 0.00 mm
7/23/2025	0	34.7	0	0	34.7	-59.74%	2025-07-23 | High(9–17h): 91.9°F | Low(9–17h): 74.8°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 764.9 W/m² | Precip(9–17h): 0.00 mm
7/24/2023	84.67	27.13	55.01	29.66	56.79		2023-07-24 | High(9–17h): 99.9°F | Low(9–17h): 81.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 775.2 W/m² | Precip(9–17h): 0.00 mm
7/24/2024	81.55	37.56	35.79	45.76	83.32	46.72%	2024-07-24 | High(9–17h): 107.6°F | Low(9–17h): 95.7°F | Avg Cloud(9–17h): 11% | Avg Rad(9–17h): 727.0 W/m² | Precip(9–17h): 0.00 mm
7/24/2025	0	35.96	0	0	35.96	-56.84%	2025-07-24 | High(9–17h): 92.7°F | Low(9–17h): 77.7°F | Avg Cloud(9–17h): 44% | Avg Rad(9–17h): 711.3 W/m² | Precip(9–17h): 0.00 mm
7/25/2023	78.27	31.68	44.91	33.36	65.04		2023-07-25 | High(9–17h): 102.6°F | Low(9–17h): 85.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 782.8 W/m² | Precip(9–17h): 0.00 mm
7/25/2024	85.33	33.04	43.82	41.51	74.55	14.62%	2024-07-25 | High(9–17h): 105.6°F | Low(9–17h): 87.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 772.0 W/m² | Precip(9–17h): 0.00 mm
7/25/2025	0	48.28	0	0	48.28	-35.24%	2025-07-25 | High(9–17h): 92.3°F | Low(9–17h): 78.1°F | Avg Cloud(9–17h): 70% | Avg Rad(9–17h): 687.6 W/m² | Precip(9–17h): 0.00 mm
7/26/2023	78.39	39.6	41.45	36.94	76.54		2023-07-26 | High(9–17h): 102.2°F | Low(9–17h): 87.4°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 778.2 W/m² | Precip(9–17h): 0.00 mm
7/26/2024	84.63	34.32	30.46	54.17	88.49	15.61%	2024-07-26 | High(9–17h): 105.3°F | Low(9–17h): 86.9°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 776.6 W/m² | Precip(9–17h): 0.00 mm
7/26/2025	0	50.3	0	0	50.3	-43.16%	2025-07-26 | High(9–17h): 90.3°F | Low(9–17h): 73.0°F | Avg Cloud(9–17h): 7% | Avg Rad(9–17h): 747.7 W/m² | Precip(9–17h): 0.00 mm
7/27/2023	77.34	30.63	42.53	34.81	65.44		2023-07-27 | High(9–17h): 99.0°F | Low(9–17h): 82.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 758.6 W/m² | Precip(9–17h): 0.00 mm
7/27/2024	58.85	23.21	30.3	28.55	51.76	-20.90%	2024-07-27 | High(9–17h): 90.1°F | Low(9–17h): 72.7°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 761.8 W/m² | Precip(9–17h): 0.00 mm
7/27/2025	0	76.17	0	0	76.17	47.16%	2025-07-27 | High(9–17h): 94.5°F | Low(9–17h): 75.9°F | Avg Cloud(9–17h): 13% | Avg Rad(9–17h): 741.9 W/m² | Precip(9–17h): 0.00 mm
7/28/2023	80	31.74	39.89	40.11	71.85		2023-07-28 | High(9–17h): 99.5°F | Low(9–17h): 81.5°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 767.4 W/m² | Precip(9–17h): 0.00 mm
7/28/2024	77.94	20.4	41.14	36.8	57.2	-20.39%	2024-07-28 | High(9–17h): 95.0°F | Low(9–17h): 77.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 762.9 W/m² | Precip(9–17h): 0.00 mm
7/28/2025	0	58.67	0	0	58.67	2.57%	2025-07-28 | High(9–17h): 98.4°F | Low(9–17h): 81.1°F | Avg Cloud(9–17h): 17% | Avg Rad(9–17h): 746.0 W/m² | Precip(9–17h): 0.00 mm
7/29/2023	79.44	23.62	38.5	40.94	64.56		2023-07-29 | High(9–17h): 100.8°F | Low(9–17h): 83.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 775.4 W/m² | Precip(9–17h): 0.00 mm
7/29/2024	80.79	19.84	48.85	31.94	51.78	-19.80%	2024-07-29 | High(9–17h): 95.4°F | Low(9–17h): 78.4°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 756.3 W/m² | Precip(9–17h): 0.00 mm
7/29/2025	0	61.23	0	0	61.23	18.25%	2025-07-29 | High(9–17h): 100.2°F | Low(9–17h): 84.6°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 760.2 W/m² | Precip(9–17h): 0.00 mm
7/30/2023	76.53	25.09	29.39	47.14	72.23		2023-07-30 | High(9–17h): 102.2°F | Low(9–17h): 85.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 775.4 W/m² | Precip(9–17h): 0.00 mm
7/30/2024	78.8	24.24	41.82	36.98	61.22	-15.24%	2024-07-30 | High(9–17h): 97.5°F | Low(9–17h): 79.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 750.3 W/m² | Precip(9–17h): 0.00 mm
7/30/2025	0	69.39	0	0	69.39	13.35%	2025-07-30 | High(9–17h): 97.5°F | Low(9–17h): 82.6°F | Avg Cloud(9–17h): 32% | Avg Rad(9–17h): 735.7 W/m² | Precip(9–17h): 0.00 mm
7/31/2023	74.7	24.08	34.34	40.36	64.44		2023-07-31 | High(9–17h): 102.6°F | Low(9–17h): 86.2°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 779.1 W/m² | Precip(9–17h): 0.00 mm
7/31/2024	71.84	26.2	28.86	42.98	69.18	7.36%	2024-07-31 | High(9–17h): 103.8°F | Low(9–17h): 84.6°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 750.4 W/m² | Precip(9–17h): 0.00 mm
7/31/2025	0	54.87	0	0	54.87	-20.69%	2025-07-31 | High(9–17h): 99.9°F | Low(9–17h): 81.3°F | Avg Cloud(9–17h): 15% | Avg Rad(9–17h): 740.1 W/m² | Precip(9–17h): 0.00 mm
8/10/2023	71.11	24.93	33.81	37.3	62.23		2023-08-10 | High(9–17h): 99.5°F | Low(9–17h): 83.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 741.3 W/m² | Precip(9–17h): 0.00 mm
8/10/2024	75.79	26.52	30.89	44.9	71.42	14.77%	2024-08-10 | High(9–17h): 103.3°F | Low(9–17h): 83.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 751.9 W/m² | Precip(9–17h): 0.00 mm
8/10/2025	73.53	33.1	34.2	39.33	72.43	1.41%	2025-08-10 | High(9–17h): 107.8°F | Low(9–17h): 92.1°F | Avg Cloud(9–17h): 12% | Avg Rad(9–17h): 737.1 W/m² | Precip(9–17h): 0.00 mm
8/11/2023	69.41	21.25	33.64	35.77	57.02		2023-08-11 | High(9–17h): 97.5°F | Low(9–17h): 80.2°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 734.1 W/m² | Precip(9–17h): 0.00 mm
8/11/2024	76.02	24.91	39.2	36.82	61.73	8.26%	2024-08-11 | High(9–17h): 100.6°F | Low(9–17h): 85.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 740.8 W/m² | Precip(9–17h): 0.00 mm
8/11/2025	72.19	31.54	35.03	37.16	68.7	11.29%	2025-08-11 | High(9–17h): 106.5°F | Low(9–17h): 87.4°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 732.0 W/m² | Precip(9–17h): 0.00 mm
8/12/2023	63.61	25.77	24.26	39.35	65.12		2023-08-12 | High(9–17h): 103.3°F | Low(9–17h): 86.7°F | Avg Cloud(9–17h): 11% | Avg Rad(9–17h): 716.6 W/m² | Precip(9–17h): 0.00 mm
8/12/2024	76.15	23.77	42.05	34.1	57.87	-11.13%	2024-08-12 | High(9–17h): 95.0°F | Low(9–17h): 77.0°F | Avg Cloud(9–17h): 12% | Avg Rad(9–17h): 720.9 W/m² | Precip(9–17h): 0.00 mm
8/12/2025	72.84	31.55	36.44	36.4	67.95	17.42%	2025-08-12 | High(9–17h): 101.8°F | Low(9–17h): 83.5°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 727.3 W/m² | Precip(9–17h): 0.00 mm
8/13/2023	64.45	35.5	25.15	39.3	74.8		2023-08-13 | High(9–17h): 112.6°F | Low(9–17h): 91.6°F | Avg Cloud(9–17h): 4% | Avg Rad(9–17h): 727.7 W/m² | Precip(9–17h): 0.00 mm
8/13/2024	74.4	22.64	42.03	32.37	55.01	-26.46%	2024-08-13 | High(9–17h): 95.2°F | Low(9–17h): 78.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 732.8 W/m² | Precip(9–17h): 0.00 mm
8/13/2025	74.37	24	43.62	30.75	54.75	-0.47%	2025-08-13 | High(9–17h): 95.5°F | Low(9–17h): 77.2°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 731.1 W/m² | Precip(9–17h): 0.00 mm
8/14/2023	51.43	44.59	11.17	40.26	84.85		2023-08-14 | High(9–17h): 104.5°F | Low(9–17h): 93.9°F | Avg Cloud(9–17h): 61% | Avg Rad(9–17h): 575.4 W/m² | Precip(9–17h): 0.00 mm
8/14/2024	73.47	38.03	36.42	37.05	75.08	-11.51%	2024-08-14 | High(9–17h): 98.1°F | Low(9–17h): 82.6°F | Avg Cloud(9–17h): 8% | Avg Rad(9–17h): 719.6 W/m² | Precip(9–17h): 0.00 mm
8/14/2025	72.35	23.96	40.16	32.19	56.15	-25.21%	2025-08-14 | High(9–17h): 98.1°F | Low(9–17h): 77.7°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 726.8 W/m² | Precip(9–17h): 0.00 mm
8/15/2023	62.87	31.41	22.37	40.5	71.91		2023-08-15 | High(9–17h): 111.0°F | Low(9–17h): 95.2°F | Avg Cloud(9–17h): 8% | Avg Rad(9–17h): 716.2 W/m² | Precip(9–17h): 0.00 mm
8/15/2024	73.48	26.06	39.21	34.27	60.33	-16.10%	2024-08-15 | High(9–17h): 95.7°F | Low(9–17h): 81.0°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 720.0 W/m² | Precip(9–17h): 0.00 mm

Date/Time	Energy Delivered (kWh)	PG&E Import	PG&E Export	Home consur	Total used	Dif	0
8/15/2025	72.35	30.76	36.67	35.68	66.44	10.13%	2025-08-15 | High(9–17h): 102.0°F | Low(9–17h): 85.6°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 724.3 W/m² | Precip(9–17h): 0.00 mm
8/16/2023	56.9	37.86	17.02	39.88	77.74		2023-08-16 | High(9–17h): 112.3°F | Low(9–17h): 96.4°F | Avg Cloud(9–17h): 21% | Avg Rad(9–17h): 710.6 W/m² | Precip(9–17h): 0.00 mm
8/16/2024	73.32	25.44	38.39	34.93	60.37	-22.34%	2024-08-16 | High(9–17h): 97.7°F | Low(9–17h): 82.2°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 718.6 W/m² | Precip(9–17h): 0.00 mm
8/16/2025	68.48	25.61	37.38	31.1	56.71	-6.06%	2025-08-16 | High(9–17h): 91.9°F | Low(9–17h): 78.4°F | Avg Cloud(9–17h): 14% | Avg Rad(9–17h): 703.8 W/m² | Precip(9–17h): 0.00 mm
8/17/2023	57.29	39.87	19.13	38.16	78.03		2023-08-17 | High(9–17h): 108.0°F | Low(9–17h): 97.2°F | Avg Cloud(9–17h): 12% | Avg Rad(9–17h): 683.8 W/m² | Precip(9–17h): 0.00 mm
8/17/2024	70.99	23.56	42.6	28.39	51.95	-33.42%	2024-08-17 | High(9–17h): 88.0°F | Low(9–17h): 76.8°F | Avg Cloud(9–17h): 29% | Avg Rad(9–17h): 634.3 W/m² | Precip(9–17h): 0.20 mm
8/17/2025	71.13	20.68	36.89	34.24	54.92	5.72%	2025-08-17 | High(9–17h): 92.3°F | Low(9–17h): 78.4°F | Avg Cloud(9–17h): 27% | Avg Rad(9–17h): 706.7 W/m² | Precip(9–17h): 0.00 mm
8/18/2023	64.63	34.96	31.77	32.86	67.82		2023-08-18 | High(9–17h): 101.7°F | Low(9–17h): 87.6°F | Avg Cloud(9–17h): 13% | Avg Rad(9–17h): 675.2 W/m² | Precip(9–17h): 0.00 mm
8/18/2024	76.7	25.12	46.13	30.57	55.69	-17.89%	2024-08-18 | High(9–17h): 89.1°F | Low(9–17h): 74.7°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 717.6 W/m² | Precip(9–17h): 0.00 mm
8/18/2025	75.24	21.98	48.9	26.34	48.32	-13.23%	2025-08-18 | High(9–17h): 90.1°F | Low(9–17h): 72.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 723.2 W/m² | Precip(9–17h): 0.00 mm
8/19/2023	61.22	32.75	21.33	39.89	72.64		2023-08-19 | High(9–17h): 101.5°F | Low(9–17h): 86.9°F | Avg Cloud(9–17h): 25% | Avg Rad(9–17h): 659.9 W/m² | Precip(9–17h): 0.00 mm
8/19/2024	73.76	22.03	44.71	29.05	51.08	-29.68%	2024-08-19 | High(9–17h): 93.0°F | Low(9–17h): 78.1°F | Avg Cloud(9–17h): 7% | Avg Rad(9–17h): 721.2 W/m² | Precip(9–17h): 0.00 mm
8/19/2025	73.05	17.35	43.81	29.24	46.59	-8.79%	2025-08-19 | High(9–17h): 94.6°F | Low(9–17h): 79.7°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 728.3 W/m² | Precip(9–17h): 0.00 mm
8/20/2023	22.5	42.03	1.5	21	63.03		2023-08-20 | High(9–17h): 92.3°F | Low(9–17h): 85.1°F | Avg Cloud(9–17h): 97% | Avg Rad(9–17h): 324.1 W/m² | Precip(9–17h): 0.00 mm
8/20/2024	71.79	22.48	41.05	30.74	53.22	-15.56%	2024-08-20 | High(9–17h): 94.6°F | Low(9–17h): 80.2°F | Avg Cloud(9–17h): 10% | Avg Rad(9–17h): 697.3 W/m² | Precip(9–17h): 0.00 mm
8/20/2025	69.76	23.97	38.77	30.99	54.96	3.27%	2025-08-20 | High(9–17h): 101.1°F | Low(9–17h): 82.9°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 713.8 W/m² | Precip(9–17h): 0.00 mm
8/21/2023	15.86	48.24	0.24	15.62	63.86		2023-08-21 | High(9–17h): 73.8°F | Low(9–17h): 70.7°F | Avg Cloud(9–17h): 98% | Avg Rad(9–17h): 179.6 W/m² | Precip(9–17h): 4.60 mm
8/21/2024	72.48	23.71	38.43	34.05	57.76	-9.55%	2024-08-21 | High(9–17h): 95.0°F | Low(9–17h): 79.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 704.6 W/m² | Precip(9–17h): 0.00 mm
8/21/2025	70.13	29.85	34.55	35.58	65.43	13.28%	2025-08-21 | High(9–17h): 107.6°F | Low(9–17h): 87.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 723.2 W/m² | Precip(9–17h): 0.00 mm
8/22/2023	62.68	22.61	31.67	31.01	53.62		2023-08-22 | High(9–17h): 89.6°F | Low(9–17h): 76.6°F | Avg Cloud(9–17h): 11% | Avg Rad(9–17h): 661.9 W/m² | Precip(9–17h): 0.00 mm
8/22/2024	72.2	20.25	50.06	22.14	42.39	-20.94%	2024-08-22 | High(9–17h): 88.0°F | Low(9–17h): 72.9°F | Avg Cloud(9–17h): 11% | Avg Rad(9–17h): 688.2 W/m² | Precip(9–17h): 0.00 mm
8/22/2025	68.66	24.47	33.08	35.58	60.05	41.66%	2025-08-22 | High(9–17h): 105.6°F | Low(9–17h): 88.0°F | Avg Cloud(9–17h): 30% | Avg Rad(9–17h): 716.1 W/m² | Precip(9–17h): 0.00 mm
8/23/2023	70.95	22.62	36.48	34.47	57.09		2023-08-23 | High(9–17h): 96.8°F | Low(9–17h): 81.9°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 694.3 W/m² | Precip(9–17h): 0.00 mm
8/23/2024	54.12	28.49	36.89	17.23	45.72	-19.92%	2024-08-23 | High(9–17h): 77.9°F | Low(9–17h): 67.3°F | Avg Cloud(9–17h): 71% | Avg Rad(9–17h): 524.7 W/m² | Precip(9–17h): 0.00 mm
8/23/2025	63.2	28.81	29.39	33.81	62.62	36.96%	2025-08-23 | High(9–17h): 106.7°F | Low(9–17h): 88.9°F | Avg Cloud(9–17h): 36% | Avg Rad(9–17h): 634.0 W/m² | Precip(9–17h): 0.00 mm
8/24/2023	71.61	23.98	36.48	35.13	59.11		2023-08-24 | High(9–17h): 99.3°F | Low(9–17h): 83.8°F | Avg Cloud(9–17h): 4% | Avg Rad(9–17h): 691.0 W/m² | Precip(9–17h): 0.00 mm
8/24/2024	59.59	17.48	37.89	21.7	39.18	-33.72%	2024-08-24 | High(9–17h): 73.6°F | Low(9–17h): 63.9°F | Avg Cloud(9–17h): 45% | Avg Rad(9–17h): 529.2 W/m² | Precip(9–17h): 1.90 mm
8/24/2025	65.44	31.56	29.72	35.72	67.28	71.72%	2025-08-24 | High(9–17h): 104.9°F | Low(9–17h): 90.7°F | Avg Cloud(9–17h): 8% | Avg Rad(9–17h): 680.8 W/m² | Precip(9–17h): 0.00 mm
8/25/2023	72.76	22.53	36.44	36.32	58.85		2023-08-25 | High(9–17h): 96.4°F | Low(9–17h): 78.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 702.3 W/m² | Precip(9–17h): 0.00 mm
8/25/2024	79.26	26.23	43.23	36.03	62.26	5.79%	2024-08-25 | High(9–17h): 86.5°F | Low(9–17h): 69.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 698.3 W/m² | Precip(9–17h): 0.00 mm
8/25/2025	63.68	41	30.84	32.84	73.84	18.60%	2025-08-25 | High(9–17h): 106.7°F | Low(9–17h): 89.2°F | Avg Cloud(9–17h): 24% | Avg Rad(9–17h): 639.0 W/m² | Precip(9–17h): 0.00 mm
8/26/2023	74.2	27.4	33.67	40.53	67.93		2023-08-26 | High(9–17h): 97.9°F | Low(9–17h): 81.5°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 713.2 W/m² | Precip(9–17h): 0.00 mm
8/26/2024	76.51	30.73	46.23	30.28	61.01	-10.19%	2024-08-26 | High(9–17h): 92.8°F | Low(9–17h): 74.3°F | Avg Cloud(9–17h): 34% | Avg Rad(9–17h): 688.8 W/m² | Precip(9–17h): 0.00 mm
8/26/2025	65.42	39.67	27.07	38.35	78.02	27.88%	2025-08-26 | High(9–17h): 99.1°F | Low(9–17h): 86.4°F | Avg Cloud(9–17h): 31% | Avg Rad(9–17h): 610.4 W/m² | Precip(9–17h): 0.00 mm
8/27/2023	72.44	33.3	34.75	37.69	70.99		2023-08-27 | High(9–17h): 98.4°F | Low(9–17h): 82.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 709.9 W/m² | Precip(9–17h): 0.00 mm
8/27/2024	75.88	29.96	42.49	33.39	63.35	-10.76%	2024-08-27 | High(9–17h): 97.5°F | Low(9–17h): 79.9°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 690.9 W/m² | Precip(9–17h): 0.00 mm
8/27/2025	73.44	27.96	39.18	34.26	62.22	-1.78%	2025-08-27 | High(9–17h): 99.0°F | Low(9–17h): 83.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 678.7 W/m² | Precip(9–17h): 0.00 mm
8/28/2023	71.88	24.72	33.79	38.09	62.81		2023-08-28 | High(9–17h): 101.3°F | Low(9–17h): 83.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 705.1 W/m² | Precip(9–17h): 0.00 mm
8/28/2024	75.48	29.13	37.15	38.33	67.46	7.40%	2024-08-28 | High(9–17h): 100.9°F | Low(9–17h): 82.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 687.0 W/m² | Precip(9–17h): 0.00 mm
8/28/2025	72.7	26.57	41.91	30.79	57.36	-14.97%	2025-08-28 | High(9–17h): 99.1°F | Low(9–17h): 81.5°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 688.2 W/m² | Precip(9–17h): 0.00 mm
8/29/2023	70.14	24.65	35.65	34.49	59.14		2023-08-29 | High(9–17h): 96.8°F | Low(9–17h): 79.2°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 700.8 W/m² | Precip(9–17h): 0.00 mm
8/29/2024	73.86	24.16	39.71	34.15	58.31	-1.40%	2024-08-29 | High(9–17h): 102.4°F | Low(9–17h): 82.4°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 683.3 W/m² | Precip(9–17h): 0.00 mm
8/29/2025	70.88	24.71	43.12	27.76	52.47	-10.02%	2025-08-29 | High(9–17h): 100.0°F | Low(9–17h): 83.5°F | Avg Cloud(9–17h): 47% | Avg Rad(9–17h): 673.6 W/m² | Precip(9–17h): 0.00 mm
8/30/2023	77.84	27.76	42.52	35.32	63.08		2023-08-30 | High(9–17h): 102.6°F | Low(9–17h): 83.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 695.6 W/m² | Precip(9–17h): 0.00 mm
8/30/2024	71.97	25.77	32.94	39.03	64.8	2.73%	2024-08-30 | High(9–17h): 101.8°F | Low(9–17h): 83.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 672.4 W/m² | Precip(9–17h): 0.00 mm
8/30/2025	72.15	27.19	39.37	32.78	59.97	-7.45%	2025-08-30 | High(9–17h): 101.8°F | Low(9–17h): 87.1°F | Avg Cloud(9–17h): 57% | Avg Rad(9–17h): 680.2 W/m² | Precip(9–17h): 0.00 mm
8/31/2023	55.76	30.75	27.64	28.12	58.87		2023-08-31 | High(9–17h): 98.2°F | Low(9–17h): 81.9°F | Avg Cloud(9–17h): 67% | Avg Rad(9–17h): 618.7 W/m² | Precip(9–17h): 0.00 mm
8/31/2024	72.33	27.6	35.5	36.83	64.43	9.44%	2024-08-31 | High(9–17h): 102.2°F | Low(9–17h): 84.7°F | Avg Cloud(9–17h): 20% | Avg Rad(9–17h): 671.3 W/m² | Precip(9–17h): 0.00 mm
8/31/2025	72.41	24.59	35.22	37.19	61.78	-4.11%	2025-08-31 | High(9–17h): 101.1°F | Low(9–17h): 86.4°F | Avg Cloud(9–17h): 77% | Avg Rad(9–17h): 677.7 W/m² | Precip(9–17h): 0.00 mm
9/10/2023	64.72	30.53	22.69	42.03	72.56		2023-09-10 | High(9–17h): 95.9°F | Low(9–17h): 79.9°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 645.1 W/m² | Precip(9–17h): 0.00 mm
9/10/2024	69.67	27	38.96	30.71	57.71	-20.47%	2024-09-10 | High(9–17h): 96.1°F | Low(9–17h): 78.6°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 628.4 W/m² | Precip(9–17h): 0.00 mm
9/10/2025	57.3	21.28	32.15	25.15	46.43	-19.55%	2025-09-10 | High(9–17h): 75.7°F | Low(9–17h): 67.8°F | Avg Cloud(9–17h): 71% | Avg Rad(9–17h): 437.6 W/m² | Precip(9–17h): 5.10 mm
9/11/2023	64.14	27.71	29.3	34.84	62.55		2023-09-11 | High(9–17h): 96.8°F | Low(9–17h): 78.6°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 638.2 W/m² | Precip(9–17h): 0.00 mm
9/11/2024	66.24	28.47	31.62	34.62	63.09	0.86%	2024-09-11 | High(9–17h): 87.4°F | Low(9–17h): 71.8°F | Avg Cloud(9–17h): 19% | Avg Rad(9–17h): 557.8 W/m² | Precip(9–17h): 0.00 mm
9/11/2025	60.62	25.02	36.42	24.2	49.22	-21.98%	2025-09-11 | High(9–17h): 81.1°F | Low(9–17h): 71.8°F | Avg Cloud(9–17h): 67% | Avg Rad(9–17h): 562.7 W/m² | Precip(9–17h): 0.00 mm
9/12/2023	64.6	27.38	32.7	31.9	59.28		2023-09-12 | High(9–17h): 96.1°F | Low(9–17h): 79.7°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 618.2 W/m² | Precip(9–17h): 0.00 mm
9/12/2024	70.73	22.06	42.83	27.9	49.96	-15.72%	2024-09-12 | High(9–17h): 88.3°F | Low(9–17h): 73.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 627.7 W/m² | Precip(9–17h): 0.00 mm
9/12/2025	69.79	27.36	34.62	35.17	62.53	25.16%	2025-09-12 | High(9–17h): 89.8°F | Low(9–17h): 74.7°F | Avg Cloud(9–17h): 2% | Avg Rad(9–17h): 603.0 W/m² | Precip(9–17h): 0.00 mm

Date/Time	Energy Delivered (kWh)	PG&E Import	PG&E Export	Home consur	Total used	Dif	0
9/13/2023	63.37	29.27	30.46	32.91	62.18		2023-09-13 | High(9–17h): 99.5°F | Low(9–17h): 80.4°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 611.6 W/m² | Precip(9–17h): 0.00 mm
9/13/2024	67.72	21.82	38.9	28.82	50.64	-18.56%	2024-09-13 | High(9–17h): 93.9°F | Low(9–17h): 76.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 623.2 W/m² | Precip(9–17h): 0.00 mm
9/13/2025	67.53	23.22	35.57	31.96	55.18	8.97%	2025-09-13 | High(9–17h): 87.1°F | Low(9–17h): 75.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 599.8 W/m² | Precip(9–17h): 0.00 mm
9/14/2023	63.36	34.03	28.89	34.47	68.5		2023-09-14 | High(9–17h): 103.1°F | Low(9–17h): 82.9°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 622.9 W/m² | Precip(9–17h): 0.00 mm
9/14/2024	61.93	25.26	35.85	26.08	51.34	-25.05%	2024-09-14 | High(9–17h): 94.1°F | Low(9–17h): 77.4°F | Avg Cloud(9–17h): 39% | Avg Rad(9–17h): 604.2 W/m² | Precip(9–17h): 0.00 mm
9/14/2025	68.31	30.77	37.92	30.39	61.16	19.13%	2025-09-14 | High(9–17h): 87.3°F | Low(9–17h): 70.9°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 596.7 W/m² | Precip(9–17h): 0.00 mm
9/15/2023	61.95	27.07	24.57	37.38	64.45		2023-09-15 | High(9–17h): 97.7°F | Low(9–17h): 79.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 608.7 W/m² | Precip(9–17h): 0.00 mm
9/15/2024	58.48	23.75	37.06	21.42	45.17	-29.91%	2024-09-15 | High(9–17h): 79.5°F | Low(9–17h): 69.1°F | Avg Cloud(9–17h): 42% | Avg Rad(9–17h): 547.3 W/m² | Precip(9–17h): 0.00 mm
9/15/2025	69.05	26.89	36.24	32.81	59.7	32.17%	2025-09-15 | High(9–17h): 95.5°F | Low(9–17h): 76.6°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 612.8 W/m² | Precip(9–17h): 0.00 mm
9/16/2023	52.1	30.13	16.81	35.29	65.42		2023-09-16 | High(9–17h): 96.1°F | Low(9–17h): 78.1°F | Avg Cloud(9–17h): 11% | Avg Rad(9–17h): 577.3 W/m² | Precip(9–17h): 0.00 mm
9/16/2024	45.03	18.29	28.97	16.06	34.35	-47.49%	2024-09-16 | High(9–17h): 74.1°F | Low(9–17h): 62.4°F | Avg Cloud(9–17h): 95% | Avg Rad(9–17h): 404.7 W/m² | Precip(9–17h): 0.00 mm
9/16/2025	68.2	27.56	33.13	35.07	62.63	82.33%	2025-09-16 | High(9–17h): 94.6°F | Low(9–17h): 77.7°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 605.0 W/m² | Precip(9–17h): 0.00 mm
9/17/2023	60.59	25.13	25.69	34.9	60.03		2023-09-17 | High(9–17h): 90.9°F | Low(9–17h): 74.5°F | Avg Cloud(9–17h): 2% | Avg Rad(9–17h): 587.6 W/m² | Precip(9–17h): 0.00 mm
9/17/2024	60.54	19.24	42.44	18.1	37.34	-37.80%	2024-09-17 | High(9–17h): 78.1°F | Low(9–17h): 68.2°F | Avg Cloud(9–17h): 77% | Avg Rad(9–17h): 526.8 W/m² | Precip(9–17h): 0.00 mm
9/17/2025	67.35	29.08	32.4	34.95	64.03	71.48%	2025-09-17 | High(9–17h): 98.2°F | Low(9–17h): 80.6°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 603.6 W/m² | Precip(9–17h): 0.00 mm
9/18/2023	56.23	23.5	15.56	40.67	64.17		2023-09-18 | High(9–17h): 88.2°F | Low(9–17h): 72.1°F | Avg Cloud(9–17h): 39% | Avg Rad(9–17h): 567.0 W/m² | Precip(9–17h): 0.00 mm
9/18/2024	64.05	20.02	40.84	23.21	43.23	-32.63%	2024-09-18 | High(9–17h): 81.5°F | Low(9–17h): 68.5°F | Avg Cloud(9–17h): 65% | Avg Rad(9–17h): 551.6 W/m² | Precip(9–17h): 0.00 mm
9/18/2025	45.11	34.24	16.4	28.71	62.95	45.62%	2025-09-18 | High(9–17h): 99.1°F | Low(9–17h): 81.7°F | Avg Cloud(9–17h): 97% | Avg Rad(9–17h): 511.9 W/m² | Precip(9–17h): 0.00 mm
9/19/2023	58.35	29.8	22.54	35.81	65.61		2023-09-19 | High(9–17h): 89.1°F | Low(9–17h): 74.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 580.9 W/m² | Precip(9–17h): 0.00 mm
9/19/2024	64.11	28.66	39.02	25.09	53.75	-18.08%	2024-09-19 | High(9–17h): 90.5°F | Low(9–17h): 73.0°F | Avg Cloud(9–17h): 6% | Avg Rad(9–17h): 555.7 W/m² | Precip(9–17h): 0.00 mm
9/19/2025	20.82	32.87	7.23	13.59	46.46	-13.56%	2025-09-19 | High(9–17h): 79.5°F | Low(9–17h): 71.1°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 232.7 W/m² | Precip(9–17h): 0.40 mm
9/20/2023	57.13	29.28	13.25	43.88	73.16		2023-09-20 | High(9–17h): 89.1°F | Low(9–17h): 75.4°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 590.1 W/m² | Precip(9–17h): 0.00 mm
9/20/2024	68.33	24.32	41.44	26.89	51.21	-30.00%	2024-09-20 | High(9–17h): 95.5°F | Low(9–17h): 75.4°F | Avg Cloud(9–17h): 8% | Avg Rad(9–17h): 578.4 W/m² | Precip(9–17h): 0.00 mm
9/20/2025	53.46	28.37	27.12	26.34	54.71	6.83%	2025-09-20 | High(9–17h): 89.6°F | Low(9–17h): 77.5°F | Avg Cloud(9–17h): 11% | Avg Rad(9–17h): 556.3 W/m² | Precip(9–17h): 0.00 mm
9/21/2023	64.92	21.79	39.58	25.34	47.13		2023-09-21 | High(9–17h): 82.6°F | Low(9–17h): 70.2°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 597.9 W/m² | Precip(9–17h): 0.00 mm
9/21/2024	66.94	24.97	33.26	33.68	58.65	24.44%	2024-09-21 | High(9–17h): 95.2°F | Low(9–17h): 76.6°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 575.6 W/m² | Precip(9–17h): 0.00 mm
9/21/2025	60.75	30.23	30.27	30.48	60.71	3.51%	2025-09-21 | High(9–17h): 91.9°F | Low(9–17h): 80.2°F | Avg Cloud(9–17h): 19% | Avg Rad(9–17h): 530.1 W/m² | Precip(9–17h): 0.00 mm
9/22/2023	60.07	20.42	22.6	37.47	57.89		2023-09-22 | High(9–17h): 83.5°F | Low(9–17h): 68.7°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 579.0 W/m² | Precip(9–17h): 0.00 mm
9/22/2024	66.71	21.77	43.11	23.6	45.37	-21.63%	2024-09-22 | High(9–17h): 97.5°F | Low(9–17h): 76.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 575.9 W/m² | Precip(9–17h): 0.00 mm
9/22/2025	64.14	30.19	38.59	25.55	55.74	22.86%	2025-09-22 | High(9–17h): 96.8°F | Low(9–17h): 77.4°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 572.6 W/m² | Precip(9–17h): 0.00 mm
9/23/2022	63.57	17.05	35.76	27.81	44.86		2022-09-23 | High(9–17h): 87.1°F | Low(9–17h): 70.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 574.2 W/m² | Precip(9–17h): 0.00 mm
9/23/2023	59.34	15.74	40.28	19.06	34.8	-22.43%	2023-09-23 | High(9–17h): 84.0°F | Low(9–17h): 70.7°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 572.3 W/m² | Precip(9–17h): 0.00 mm
9/23/2024	64.06	26.22	34.63	29.43	55.65	59.91%	2024-09-23 | High(9–17h): 101.3°F | Low(9–17h): 79.2°F | Avg Cloud(9–17h): 51% | Avg Rad(9–17h): 559.3 W/m² | Precip(9–17h): 0.00 mm
9/23/2025	63.42	29.84	33.95	29.47	59.31	6.58%	2025-09-23 | High(9–17h): 100.4°F | Low(9–17h): 80.2°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 579.8 W/m² | Precip(9–17h): 0.00 mm
9/24/2022	62.93	12.07	37.64	25.29	37.36		2022-09-24 | High(9–17h): 91.9°F | Low(9–17h): 73.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 571.0 W/m² | Precip(9–17h): 0.00 mm
9/24/2023	49.43	16.45	31.34	18.09	34.54	-7.55%	2023-09-24 | High(9–17h): 83.5°F | Low(9–17h): 64.4°F | Avg Cloud(9–17h): 94% | Avg Rad(9–17h): 350.4 W/m² | Precip(9–17h): 0.00 mm
9/24/2024	63.81	24.8	36.28	27.53	52.33	51.51%	2024-09-24 | High(9–17h): 99.0°F | Low(9–17h): 80.6°F | Avg Cloud(9–17h): 2% | Avg Rad(9–17h): 561.3 W/m² | Precip(9–17h): 0.00 mm
9/24/2025	64.69	34.69	23.26	41.43	76.12	45.46%	2025-09-24 | High(9–17h): 91.4°F | Low(9–17h): 76.5°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 564.6 W/m² | Precip(9–17h): 0.00 mm
9/25/2022	61.25	14.78	29.63	31.62	46.4		2022-09-25 | High(9–17h): 94.1°F | Low(9–17h): 75.4°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 554.0 W/m² | Precip(9–17h): 0.00 mm
9/25/2023	40.31	26.56	19.8	20.51	47.07	1.44%	2023-09-25 | High(9–17h): 77.7°F | Low(9–17h): 67.3°F | Avg Cloud(9–17h): 80% | Avg Rad(9–17h): 414.9 W/m² | Precip(9–17h): 0.00 mm
9/25/2024	61.57	27.99	39.59	21.98	49.97	6.16%	2024-09-25 | High(9–17h): 91.4°F | Low(9–17h): 75.2°F | Avg Cloud(9–17h): 42% | Avg Rad(9–17h): 550.4 W/m² | Precip(9–17h): 0.00 mm
9/25/2025	58.42	30.32	27.51	30.91	61.23	22.53%	2025-09-25 | High(9–17h): 92.3°F | Low(9–17h): 78.6°F | Avg Cloud(9–17h): 22% | Avg Rad(9–17h): 546.7 W/m² | Precip(9–17h): 0.00 mm
9/26/2022	60.81	15.02	36.79	24.02	39.04		2022-09-26 | High(9–17h): 92.3°F | Low(9–17h): 76.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 551.2 W/m² | Precip(9–17h): 0.00 mm
9/26/2023	53.17	17.58	36.51	16.66	34.24	-12.30%	2023-09-26 | High(9–17h): 78.4°F | Low(9–17h): 68.7°F | Avg Cloud(9–17h): 15% | Avg Rad(9–17h): 490.1 W/m² | Precip(9–17h): 0.10 mm
9/26/2024	63.31	25.05	28.81	34.5	59.55	73.92%	2024-09-26 | High(9–17h): 91.4°F | Low(9–17h): 72.7°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 552.0 W/m² | Precip(9–17h): 0.00 mm
9/26/2025	61.83	29.03	34.1	27.73	56.76	-4.69%	2025-09-26 | High(9–17h): 99.0°F | Low(9–17h): 80.4°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 557.3 W/m² | Precip(9–17h): 0.00 mm
9/27/2022	58.32	13.74	38.38	19.94	33.68		2022-09-27 | High(9–17h): 86.4°F | Low(9–17h): 72.5°F | Avg Cloud(9–17h): 35% | Avg Rad(9–17h): 550.3 W/m² | Precip(9–17h): 0.00 mm
9/27/2023	63.76	13.42	40.54	23.22	36.64	8.79%	2023-09-27 | High(9–17h): 80.6°F | Low(9–17h): 68.5°F | Avg Cloud(9–17h): 8% | Avg Rad(9–17h): 532.2 W/m² | Precip(9–17h): 0.00 mm
9/27/2024	62.65	23.73	31.27	31.38	55.11	50.41%	2024-09-27 | High(9–17h): 99.3°F | Low(9–17h): 76.6°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 554.9 W/m² | Precip(9–17h): 0.00 mm
9/27/2025	58.47	28.84	32.05	26.42	55.26	0.27%	2025-09-27 | High(9–17h): 90.7°F | Low(9–17h): 75.9°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 541.1 W/m² | Precip(9–17h): 0.00 mm
9/28/2022	58.56	10.23	42.73	15.83	26.06		2022-09-28 | High(9–17h): 83.7°F | Low(9–17h): 69.8°F | Avg Cloud(9–17h): 28% | Avg Rad(9–17h): 534.0 W/m² | Precip(9–17h): 0.00 mm
9/28/2023	64.49	14.64	44.05	20.44	35.08	34.61%	2023-09-28 | High(9–17h): 85.6°F | Low(9–17h): 67.3°F | Avg Cloud(9–17h): 7% | Avg Rad(9–17h): 550.3 W/m² | Precip(9–17h): 0.00 mm
9/28/2024	62.01	25.97	34.28	27.73	53.7	53.08%	2024-09-28 | High(9–17h): 97.5°F | Low(9–17h): 78.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 556.9 W/m² | Precip(9–17h): 0.00 mm
9/28/2025	51.89	24.17	29.56	22.33	46.5	-13.41%	2025-09-28 | High(9–17h): 82.0°F | Low(9–17h): 68.7°F | Avg Cloud(9–17h): 15% | Avg Rad(9–17h): 518.6 W/m² | Precip(9–17h): 0.00 mm
9/29/2022	62.69	13.82	42.19	20.5	34.32		2022-09-29 | High(9–17h): 88.2°F | Low(9–17h): 70.2°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 543.2 W/m² | Precip(9–17h): 0.00 mm
9/29/2023	38.81	28.84	14.65	24.16	53	54.43%	2023-09-29 | High(9–17h): 81.0°F | Low(9–17h): 69.4°F | Avg Cloud(9–17h): 94% | Avg Rad(9–17h): 450.1 W/m² | Precip(9–17h): 0.00 mm
9/29/2024	60.49	23.86	35.56	24.93	48.79	-7.94%	2024-09-29 | High(9–17h): 94.1°F | Low(9–17h): 73.8°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 541.6 W/m² | Precip(9–17h): 0.00 mm
9/29/2025	9.76	32.84	1.45	8.31	41.15	-15.66%	2025-09-29 | High(9–17h): 70.9°F | Low(9–17h): 67.1°F | Avg Cloud(9–17h): 92% | Avg Rad(9–17h): 153.7 W/m² | Precip(9–17h): 4.50 mm

Date/Time	Energy Delivered (kWh)	PG&E Import	PG&E Export	Home consur	Total used	Dif	0
9/30/2022	63.02	12.65	40.41	22.61	35.26		2022-09-30 | High(9–17h): 91.9°F | Low(9–17h): 74.7°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 541.6 W/m² | Precip(9–17h): 0.00 mm
9/30/2023	44.61	21.09	22.49	22.12	43.21	22.55%	2023-09-30 | High(9–17h): 69.3°F | Low(9–17h): 60.6°F | Avg Cloud(9–17h): 61% | Avg Rad(9–17h): 380.0 W/m² | Precip(9–17h): 1.10 mm
9/30/2024	62.36	25.2	35.39	26.97	52.17	20.74%	2024-09-30 | High(9–17h): 97.9°F | Low(9–17h): 78.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 540.7 W/m² | Precip(9–17h): 0.00 mm
9/30/2025	18.48	25.72	8.35	10.13	35.85	-31.28%	2025-09-30 | High(9–17h): 71.2°F | Low(9–17h): 64.0°F | Avg Cloud(9–17h): 86% | Avg Rad(9–17h): 205.8 W/m² | Precip(9–17h): 1.30 mm
10/10/2022	51.85	21.96	20.44	31.41	53.37		2022-10-10 | High(9–17h): 95.5°F | Low(9–17h): 74.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 490.3 W/m² | Precip(9–17h): 0.00 mm
10/10/2023	19.18	19.61	6.94	12.24	31.85	-40.32%	2023-10-10 | High(9–17h): 72.0°F | Low(9–17h): 63.7°F | Avg Cloud(9–17h): 62% | Avg Rad(9–17h): 287.8 W/m² | Precip(9–17h): 0.10 mm
10/10/2024	46.64	18.7	28.69	17.95	36.65	15.07%	2024-10-10 | High(9–17h): 88.3°F | Low(9–17h): 72.1°F | Avg Cloud(9–17h): 35% | Avg Rad(9–17h): 454.6 W/m² | Precip(9–17h): 0.00 mm
10/10/2025	44.25	15.81	31.99	12.26	28.07	-23.41%	2025-10-10 | High(9–17h): 74.1°F | Low(9–17h): 65.5°F | Avg Cloud(9–17h): 55% | Avg Rad(9–17h): 363.7 W/m² | Precip(9–17h): 0.00 mm
10/11/2022	51.66	22.9	26.87	24.79	47.69		2022-10-11 | High(9–17h): 92.7°F | Low(9–17h): 75.2°F | Avg Cloud(9–17h): 11% | Avg Rad(9–17h): 480.4 W/m² | Precip(9–17h): 0.00 mm
10/11/2023	61.9	21	40.21	21.69	42.69	-10.48%	2023-10-11 | High(9–17h): 71.4°F | Low(9–17h): 60.6°F | Avg Cloud(9–17h): 6% | Avg Rad(9–17h): 457.8 W/m² | Precip(9–17h): 0.00 mm
10/11/2024	47.22	18.32	30.04	17.18	35.5	-16.84%	2024-10-11 | High(9–17h): 85.3°F | Low(9–17h): 71.1°F | Avg Cloud(9–17h): 92% | Avg Rad(9–17h): 415.6 W/m² | Precip(9–17h): 0.00 mm
10/11/2025	60.3	12.24	52.07	8.23	20.47	-42.34%	2025-10-11 | High(9–17h): 69.4°F | Low(9–17h): 59.7°F | Avg Cloud(9–17h): 29% | Avg Rad(9–17h): 449.4 W/m² | Precip(9–17h): 0.00 mm
10/12/2022	50.63	19.9	26.49	24.14	44.04		2022-10-12 | High(9–17h): 96.4°F | Low(9–17h): 74.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 479.6 W/m² | Precip(9–17h): 0.00 mm
10/12/2023	60.65	19.16	43.77	16.88	36.04	-18.17%	2023-10-12 | High(9–17h): 79.3°F | Low(9–17h): 62.2°F | Avg Cloud(9–17h): 37% | Avg Rad(9–17h): 487.0 W/m² | Precip(9–17h): 0.00 mm
10/12/2024	34.26	22.84	17.41	16.85	39.69	10.13%	2024-10-12 | High(9–17h): 71.2°F | Low(9–17h): 62.4°F | Avg Cloud(9–17h): 53% | Avg Rad(9–17h): 292.7 W/m² | Precip(9–17h): 2.20 mm
10/12/2025	48.79	11.52	34.65	14.14	25.66	-35.35%	2025-10-12 | High(9–17h): 72.1°F | Low(9–17h): 57.7°F | Avg Cloud(9–17h): 91% | Avg Rad(9–17h): 407.4 W/m² | Precip(9–17h): 0.00 mm
10/13/2022	51.83	17.56	32	19.83	37.39		2022-10-13 | High(9–17h): 92.3°F | Low(9–17h): 67.6°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 476.8 W/m² | Precip(9–17h): 0.00 mm
10/13/2023	30.2	30.49	13.94	16.26	46.75	25.03%	2023-10-13 | High(9–17h): 74.8°F | Low(9–17h): 63.3°F | Avg Cloud(9–17h): 98% | Avg Rad(9–17h): 293.1 W/m² | Precip(9–17h): 0.00 mm
10/13/2024	53.56	20.32	32.32	21.24	41.56	-11.10%	2024-10-13 | High(9–17h): 84.9°F | Low(9–17h): 67.8°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 459.6 W/m² | Precip(9–17h): 0.00 mm
10/13/2025	22.19	20.15	8.73	13.46	33.61	-19.13%	2025-10-13 | High(9–17h): 64.0°F | Low(9–17h): 54.7°F | Avg Cloud(9–17h): 99% | Avg Rad(9–17h): 200.6 W/m² | Precip(9–17h): 9.10 mm
10/14/2022	51.83	18.5	32.14	19.69	38.19		2022-10-14 | High(9–17h): 96.4°F | Low(9–17h): 72.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 481.9 W/m² | Precip(9–17h): 0.00 mm
10/14/2023	35.06	32.11	14.64	20.42	52.53	37.55%	2023-10-14 | High(9–17h): 78.1°F | Low(9–17h): 66.4°F | Avg Cloud(9–17h): 88% | Avg Rad(9–17h): 382.9 W/m² | Precip(9–17h): 0.00 mm
10/14/2024	52.4	22.99	31.05	21.35	44.34	-15.59%	2024-10-14 | High(9–17h): 86.7°F | Low(9–17h): 70.5°F | Avg Cloud(9–17h): 2% | Avg Rad(9–17h): 460.1 W/m² | Precip(9–17h): 0.00 mm
10/14/2025	51.18	8.86	43.67	7.51	16.37	-63.08%	2025-10-14 | High(9–17h): 65.1°F | Low(9–17h): 56.3°F | Avg Cloud(9–17h): 69% | Avg Rad(9–17h): 375.0 W/m² | Precip(9–17h): 0.20 mm
10/15/2022	48.48	16.64	27.28	21.2	37.84		2022-10-15 | High(9–17h): 89.2°F | Low(9–17h): 72.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 464.7 W/m² | Precip(9–17h): 0.00 mm
10/15/2023	48.63	20.41	28.97	19.66	40.07	5.89%	2023-10-15 | High(9–17h): 83.5°F | Low(9–17h): 66.7°F | Avg Cloud(9–17h): 79% | Avg Rad(9–17h): 436.4 W/m² | Precip(9–17h): 0.00 mm
10/15/2024	50.89	28.25	27.03	23.86	52.11	30.05%	2024-10-15 | High(9–17h): 85.1°F | Low(9–17h): 69.1°F | Avg Cloud(9–17h): 27% | Avg Rad(9–17h): 446.3 W/m² | Precip(9–17h): 0.00 mm
10/15/2025	22.78	11.97	10.96	11.82	23.79	-54.35%	2025-10-15 | High(9–17h): 63.3°F | Low(9–17h): 54.9°F | Avg Cloud(9–17h): 62% | Avg Rad(9–17h): 285.3 W/m² | Precip(9–17h): 0.00 mm
10/16/2022	46.15	17.93	28.4	17.75	35.68		2022-10-16 | High(9–17h): 77.4°F | Low(9–17h): 63.3°F | Avg Cloud(9–17h): 11% | Avg Rad(9–17h): 425.7 W/m² | Precip(9–17h): 0.00 mm
10/16/2023	28.63	18.16	13.83	14.8	32.96	-7.62%	2023-10-16 | High(9–17h): 74.7°F | Low(9–17h): 67.8°F | Avg Cloud(9–17h): 79% | Avg Rad(9–17h): 241.8 W/m² | Precip(9–17h): 0.00 mm
10/16/2024	44.93	22.22	31.2	13.73	35.95	9.07%	2024-10-16 | High(9–17h): 74.8°F | Low(9–17h): 65.5°F | Avg Cloud(9–17h): 34% | Avg Rad(9–17h): 330.0 W/m² | Precip(9–17h): 1.70 mm
10/16/2025	58.75	12.57	51.6	7.15	19.72	-45.15%	2025-10-16 | High(9–17h): 75.6°F | Low(9–17h): 54.5°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 458.7 W/m² | Precip(9–17h): 0.00 mm
10/17/2022	43.36	27	19.64	23.72	50.72		2022-10-17 | High(9–17h): 80.4°F | Low(9–17h): 65.5°F | Avg Cloud(9–17h): 46% | Avg Rad(9–17h): 444.0 W/m² | Precip(9–17h): 0.00 mm
10/17/2023	53.05	27.24	32.11	20.94	48.18	-5.01%	2023-10-17 | High(9–17h): 86.2°F | Low(9–17h): 66.4°F | Avg Cloud(9–17h): 20% | Avg Rad(9–17h): 443.1 W/m² | Precip(9–17h): 0.00 mm
10/17/2024	59.11	16.25	44.59	14.52	30.77	-36.14%	2024-10-17 | High(9–17h): 72.1°F | Low(9–17h): 64.6°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 456.4 W/m² | Precip(9–17h): 0.00 mm
10/17/2025	55.95	15.5	46.67	9.28	24.78	-19.47%	2025-10-17 | High(9–17h): 71.8°F | Low(9–17h): 58.6°F | Avg Cloud(9–17h): 19% | Avg Rad(9–17h): 439.0 W/m² | Precip(9–17h): 0.00 mm
10/18/2022	40.32	22.25	27.69	12.63	34.88		2022-10-18 | High(9–17h): 87.8°F | Low(9–17h): 69.6°F | Avg Cloud(9–17h): 64% | Avg Rad(9–17h): 400.6 W/m² | Precip(9–17h): 0.00 mm
10/18/2023	47.72	25.13	25.42	22.3	47.43	35.98%	2023-10-18 | High(9–17h): 89.6°F | Low(9–17h): 71.2°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 450.0 W/m² | Precip(9–17h): 0.00 mm
10/18/2024	56.8	17.56	44.47	12.33	29.89	-36.98%	2024-10-18 | High(9–17h): 77.9°F | Low(9–17h): 59.2°F | Avg Cloud(9–17h): 22% | Avg Rad(9–17h): 452.8 W/m² | Precip(9–17h): 0.00 mm
10/18/2025	54.39	10.66	43.61	10.78	21.44	-28.27%	2025-10-18 | High(9–17h): 75.0°F | Low(9–17h): 62.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 438.1 W/m² | Precip(9–17h): 0.00 mm
10/19/2022	45.5	17.99	25.01	20.49	38.48		2022-10-19 | High(9–17h): 96.8°F | Low(9–17h): 72.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 448.7 W/m² | Precip(9–17h): 0.00 mm
10/19/2023	47.59	23.94	32.31	15.28	39.22	1.92%	2023-10-19 | High(9–17h): 91.0°F | Low(9–17h): 70.5°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 448.2 W/m² | Precip(9–17h): 0.00 mm
10/19/2024	54.63	21.26	41.55	13.08	34.34	-12.44%	2024-10-19 | High(9–17h): 86.9°F | Low(9–17h): 68.5°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 439.4 W/m² | Precip(9–17h): 0.00 mm
10/19/2025	48.5	18.45	35.34	13.16	31.61	-7.95%	2025-10-19 | High(9–17h): 76.1°F | Low(9–17h): 64.8°F | Avg Cloud(9–17h): 23% | Avg Rad(9–17h): 413.2 W/m² | Precip(9–17h): 0.00 mm
10/20/2022	45.13	18.21	26.69	18.44	36.65		2022-10-20 | High(9–17h): 88.3°F | Low(9–17h): 70.7°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 447.6 W/m² | Precip(9–17h): 0.00 mm
10/20/2023	44	25.85	22.48	21.52	47.37	29.25%	2023-10-20 | High(9–17h): 86.4°F | Low(9–17h): 70.3°F | Avg Cloud(9–17h): 13% | Avg Rad(9–17h): 432.9 W/m² | Precip(9–17h): 0.00 mm
10/20/2024	46.93	22.14	30.66	16.27	38.41	-18.91%	2024-10-20 | High(9–17h): 79.0°F | Low(9–17h): 65.1°F | Avg Cloud(9–17h): 89% | Avg Rad(9–17h): 403.0 W/m² | Precip(9–17h): 0.00 mm
10/20/2025	56.38	19.64	46.63	9.75	29.39	-23.48%	2025-10-20 | High(9–17h): 81.7°F | Low(9–17h): 61.7°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 443.4 W/m² | Precip(9–17h): 0.00 mm
10/21/2022	38.45	21.59	22.92	15.53	37.12		2022-10-21 | High(9–17h): 84.7°F | Low(9–17h): 68.5°F | Avg Cloud(9–17h): 50% | Avg Rad(9–17h): 428.6 W/m² | Precip(9–17h): 0.00 mm
10/21/2023	39.06	20.32	25.39	13.67	33.99	-8.43%	2023-10-21 | High(9–17h): 79.9°F | Low(9–17h): 66.2°F | Avg Cloud(9–17h): 88% | Avg Rad(9–17h): 391.8 W/m² | Precip(9–17h): 0.00 mm
10/21/2024	44.57	23.91	32.42	12.15	36.06	6.09%	2024-10-21 | High(9–17h): 76.1°F | Low(9–17h): 62.6°F | Avg Cloud(9–17h): 58% | Avg Rad(9–17h): 350.3 W/m² | Precip(9–17h): 0.00 mm
10/21/2025	53.96	11.87	46.89	7.07	18.94	-47.48%	2025-10-21 | High(9–17h): 81.7°F | Low(9–17h): 63.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 433.7 W/m² | Precip(9–17h): 0.00 mm
10/22/2022	46.19	17.25	30.01	16.18	33.43		2022-10-22 | High(9–17h): 71.8°F | Low(9–17h): 64.4°F | Avg Cloud(9–17h): 27% | Avg Rad(9–17h): 384.2 W/m² | Precip(9–17h): 0.00 mm
10/22/2023	8.2	31.5	0	8.2	39.7	18.76%	2023-10-22 | High(9–17h): 65.5°F | Low(9–17h): 60.8°F | Avg Cloud(9–17h): 95% | Avg Rad(9–17h): 204.1 W/m² | Precip(9–17h): 4.80 mm
10/22/2024	50.63	22.95	36.3	14.33	37.28	-6.10%	2024-10-22 | High(9–17h): 76.8°F | Low(9–17h): 61.5°F | Avg Cloud(9–17h): 82% | Avg Rad(9–17h): 395.6 W/m² | Precip(9–17h): 0.00 mm
10/22/2025	42.58	13.3	29.82	12.76	26.06	-30.10%	2025-10-22 | High(9–17h): 73.6°F | Low(9–17h): 65.1°F | Avg Cloud(9–17h): 77% | Avg Rad(9–17h): 340.2 W/m² | Precip(9–17h): 0.00 mm
10/23/2022	51.89	18.25	37.51	14.38	32.63		2022-10-23 | High(9–17h): 68.9°F | Low(9–17h): 58.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 432.2 W/m² | Precip(9–17h): 0.00 mm
10/23/2023	51.38	27.93	36.65	14.73	42.66	30.74%	2023-10-23 | High(9–17h): 81.3°F | Low(9–17h): 64.0°F | Avg Cloud(9–17h): 17% | Avg Rad(9–17h): 423.9 W/m² | Precip(9–17h): 0.00 mm

Date/Time	Energy Delivered (kWh)	PG&E Import	PG&E Export	Home consur	Total used	Dif	0
10/23/2024	48.06	24.94	34.16	13.9	38.84	-8.95%	2024-10-23 | High(9–17h): 80.8°F | Low(9–17h): 62.8°F | Avg Cloud(9–17h): 38% | Avg Rad(9–17h): 368.0 W/m² | Precip(9–17h): 0.00 mm
10/23/2025	51.27	17.42	44.06	7.21	24.63	-36.59%	2025-10-23 | High(9–17h): 76.3°F | Low(9–17h): 61.2°F | Avg Cloud(9–17h): 30% | Avg Rad(9–17h): 417.2 W/m² | Precip(9–17h): 0.00 mm
10/24/2022	46.5	13.28	26.83	19.67	32.95		2022-10-24 | High(9–17h): 77.0°F | Low(9–17h): 59.5°F | Avg Cloud(9–17h): 42% | Avg Rad(9–17h): 403.6 W/m² | Precip(9–17h): 0.00 mm
10/24/2023	47.64	17.91	32.73	14.91	32.82	-0.39%	2023-10-24 | High(9–17h): 75.6°F | Low(9–17h): 62.8°F | Avg Cloud(9–17h): 73% | Avg Rad(9–17h): 412.4 W/m² | Precip(9–17h): 0.00 mm
10/24/2024	53.78	15.48	41.48	12.3	27.78	-15.36%	2024-10-24 | High(9–17h): 78.4°F | Low(9–17h): 58.5°F | Avg Cloud(9–17h): 20% | Avg Rad(9–17h): 423.0 W/m² | Precip(9–17h): 0.00 mm
10/24/2025	32.92	12.72	23.89	9.03	21.75	-21.71%	2025-10-24 | High(9–17h): 69.4°F | Low(9–17h): 61.2°F | Avg Cloud(9–17h): 99% | Avg Rad(9–17h): 310.4 W/m² | Precip(9–17h): 0.00 mm
10/25/2022	38.74	13.59	26.83	11.91	25.5		2022-10-25 | High(9–17h): 73.6°F | Low(9–17h): 60.6°F | Avg Cloud(9–17h): 52% | Avg Rad(9–17h): 360.4 W/m² | Precip(9–17h): 0.00 mm
10/25/2023	15.24	19.72	4.91	10.33	30.05	17.84%	2023-10-25 | High(9–17h): 61.2°F | Low(9–17h): 56.5°F | Avg Cloud(9–17h): 79% | Avg Rad(9–17h): 121.3 W/m² | Precip(9–17h): 0.30 mm
10/25/2024	38.88	15.14	28.2	10.68	25.82	-14.08%	2024-10-25 | High(9–17h): 77.2°F | Low(9–17h): 60.3°F | Avg Cloud(9–17h): 42% | Avg Rad(9–17h): 357.0 W/m² | Precip(9–17h): 0.00 mm
10/25/2025	11.32	18.96	3.48	7.84	26.8	3.80%	2025-10-25 | High(9–17h): 64.9°F | Low(9–17h): 60.4°F | Avg Cloud(9–17h): 99% | Avg Rad(9–17h): 188.8 W/m² | Precip(9–17h): 5.10 mm
10/26/2022	47.01	12	38.65	8.36	20.36		2022-10-26 | High(9–17h): 69.4°F | Low(9–17h): 58.5°F | Avg Cloud(9–17h): 71% | Avg Rad(9–17h): 402.9 W/m² | Precip(9–17h): 0.00 mm
10/26/2023	54.21	18.86	37.35	16.86	35.72	75.44%	2023-10-26 | High(9–17h): 66.4°F | Low(9–17h): 50.7°F | Avg Cloud(9–17h): 5% | Avg Rad(9–17h): 427.1 W/m² | Precip(9–17h): 0.00 mm
10/26/2024	49.28	18.12	30.1	19.18	37.3	4.42%	2024-10-26 | High(9–17h): 79.2°F | Low(9–17h): 61.9°F | Avg Cloud(9–17h): 22% | Avg Rad(9–17h): 404.3 W/m² | Precip(9–17h): 0.00 mm
10/26/2025	5.54	22.16	1.53	4.01	26.17	-29.84%	2025-10-26 | High(9–17h): 61.5°F | Low(9–17h): 55.0°F | Avg Cloud(9–17h): 97% | Avg Rad(9–17h): 100.3 W/m² | Precip(9–17h): 2.30 mm
10/27/2022	45.79	13.45	37.57	8.22	21.67		2022-10-27 | High(9–17h): 74.1°F | Low(9–17h): 59.2°F | Avg Cloud(9–17h): 58% | Avg Rad(9–17h): 411.3 W/m² | Precip(9–17h): 0.00 mm
10/27/2023	46.17	17.44	35.83	10.34	27.78	28.20%	2023-10-27 | High(9–17h): 66.2°F | Low(9–17h): 51.8°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 415.8 W/m² | Precip(9–17h): 0.00 mm
10/27/2024	32.8	20.84	16.7	16.1	36.94	32.97%	2024-10-27 | High(9–17h): 73.8°F | Low(9–17h): 66.2°F | Avg Cloud(9–17h): 54% | Avg Rad(9–17h): 299.8 W/m² | Precip(9–17h): 1.00 mm
10/27/2025	1.45	14.78	0.72	0.73	15.51	-58.01%	2025-10-27 | High(9–17h): 66.2°F | Low(9–17h): 52.3°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 403.4 W/m² | Precip(9–17h): 0.00 mm
10/28/2022	36.49	14.05	23.3	13.19	27.24		2022-10-28 | High(9–17h): 72.7°F | Low(9–17h): 59.7°F | Avg Cloud(9–17h): 87% | Avg Rad(9–17h): 348.3 W/m² | Precip(9–17h): 0.00 mm
10/28/2023	53.92	13.18	40.62	13.3	26.48	-2.79%	2023-10-28 | High(9–17h): 68.5°F | Low(9–17h): 53.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 422.6 W/m² | Precip(9–17h): 0.00 mm
10/28/2024	42.32	17.58	30.85	11.47	29.05	9.71%	2024-10-28 | High(9–17h): 65.7°F | Low(9–17h): 55.9°F | Avg Cloud(9–17h): 16% | Avg Rad(9–17h): 376.4 W/m² | Precip(9–17h): 0.00 mm
10/28/2025	0	12.77	0	0	12.77	-56.04%	2025-10-28 | High(9–17h): 72.5°F | Low(9–17h): 58.1°F | Avg Cloud(9–17h): 8% | Avg Rad(9–17h): 392.8 W/m² | Precip(9–17h): 0.00 mm
10/29/2022	38.31	15.1	22.47	15.84	30.94		2022-10-29 | High(9–17h): 76.3°F | Low(9–17h): 58.5°F | Avg Cloud(9–17h): 50% | Avg Rad(9–17h): 335.0 W/m² | Precip(9–17h): 0.00 mm
10/29/2023	53.84	11.57	36.59	17.25	28.82	-6.85%	2023-10-29 | High(9–17h): 72.3°F | Low(9–17h): 54.5°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 417.1 W/m² | Precip(9–17h): 0.00 mm
10/29/2024	50.62	15.84	39.04	11.58	27.42	-4.86%	2024-10-29 | High(9–17h): 68.0°F | Low(9–17h): 55.2°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 406.8 W/m² | Precip(9–17h): 0.00 mm
10/29/2025	0	15.37	0	0	15.37	-43.95%	2025-10-29 | High(9–17h): 77.9°F | Low(9–17h): 60.3°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 395.7 W/m² | Precip(9–17h): 0.00 mm
10/30/2022	42.46	21.56	24.95	17.51	39.07		2022-10-30 | High(9–17h): 82.2°F | Low(9–17h): 59.7°F | Avg Cloud(9–17h): 48% | Avg Rad(9–17h): 392.7 W/m² | Precip(9–17h): 0.00 mm
10/30/2023	49.35	16.65	35.53	13.82	30.47	-22.01%	2023-10-30 | High(9–17h): 71.8°F | Low(9–17h): 54.7°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 415.3 W/m² | Precip(9–17h): 0.00 mm
10/30/2024	25.72	11.17	18.24	7.48	18.65	-38.79%	2024-10-30 | High(9–17h): 66.6°F | Low(9–17h): 53.8°F | Avg Cloud(9–17h): 57% | Avg Rad(9–17h): 292.9 W/m² | Precip(9–17h): 0.10 mm
10/30/2025	0	12.82	0	0	12.82	-31.26%	2025-10-30 | High(9–17h): 73.2°F | Low(9–17h): 60.4°F | Avg Cloud(9–17h): 99% | Avg Rad(9–17h): 346.1 W/m² | Precip(9–17h): 0.00 mm
10/31/2022	35.69	19.66	21.72	13.97	33.63		2022-10-31 | High(9–17h): 74.7°F | Low(9–17h): 61.2°F | Avg Cloud(9–17h): 30% | Avg Rad(9–17h): 379.3 W/m² | Precip(9–17h): 0.00 mm
10/31/2023	41.97	9.43	29.04	12.93	22.36	-33.51%	2023-10-31 | High(9–17h): 72.5°F | Low(9–17h): 52.0°F | Avg Cloud(9–17h): 72% | Avg Rad(9–17h): 350.3 W/m² | Precip(9–17h): 0.00 mm
10/31/2024	33.05	11.16	24.87	8.18	19.34	-13.51%	2024-10-31 | High(9–17h): 62.2°F | Low(9–17h): 54.3°F | Avg Cloud(9–17h): 44% | Avg Rad(9–17h): 282.4 W/m² | Precip(9–17h): 0.10 mm
10/31/2025	0	25.59	0	0	25.59	32.32%	2025-10-31 | High(9–17h): 76.5°F | Low(9–17h): 59.9°F | Avg Cloud(9–17h): 76% | Avg Rad(9–17h): 382.0 W/m² | Precip(9–17h): 0.00 mm
11/10/2022	47.76	12.51	33.67	14.09	26.6		2022-11-10 | High(9–17h): 58.8°F | Low(9–17h): 44.1°F | Avg Cloud(9–17h): 52% | Avg Rad(9–17h): 354.0 W/m² | Precip(9–17h): 0.00 mm
11/10/2023	35.07	10.47	25.94	9.13	19.6	-26.32%	2023-11-10 | High(9–17h): 65.5°F | Low(9–17h): 52.7°F | Avg Cloud(9–17h): 68% | Avg Rad(9–17h): 321.0 W/m² | Precip(9–17h): 0.00 mm
11/10/2024	43.08	10.99	35.1	7.98	18.97	-3.21%	2024-11-10 | High(9–17h): 69.3°F | Low(9–17h): 55.4°F | Avg Cloud(9–17h): 53% | Avg Rad(9–17h): 344.9 W/m² | Precip(9–17h): 0.00 mm
11/10/2025	39.68	11.39	34.79	4.89	16.28	-14.18%	2025-11-10 | High(9–17h): 74.3°F | Low(9–17h): 60.8°F | Avg Cloud(9–17h): 89% | Avg Rad(9–17h): 329.8 W/m² | Precip(9–17h): 0.00 mm
11/11/2022	39.91	7.71	31.27	8.64	16.35		2022-11-11 | High(9–17h): 54.7°F | Low(9–17h): 44.4°F | Avg Cloud(9–17h): 49% | Avg Rad(9–17h): 297.4 W/m² | Precip(9–17h): 0.00 mm
11/11/2023	43.63	9.9	34.29	9.34	19.24	17.68%	2023-11-11 | High(9–17h): 68.2°F | Low(9–17h): 52.5°F | Avg Cloud(9–17h): 31% | Avg Rad(9–17h): 345.4 W/m² | Precip(9–17h): 0.00 mm
11/11/2024	19.79	14.67	15.33	4.46	19.13	-0.57%	2024-11-11 | High(9–17h): 57.2°F | Low(9–17h): 51.3°F | Avg Cloud(9–17h): 72% | Avg Rad(9–17h): 129.9 W/m² | Precip(9–17h): 9.00 mm
11/11/2025	28.33	7.96	23.32	5.01	12.97	-32.20%	2025-11-11 | High(9–17h): 69.8°F | Low(9–17h): 61.3°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 250.0 W/m² | Precip(9–17h): 0.00 mm
11/12/2022	32.95	13.3	24.7	8.25	21.55		2022-11-12 | High(9–17h): 52.5°F | Low(9–17h): 46.6°F | Avg Cloud(9–17h): 87% | Avg Rad(9–17h): 176.4 W/m² | Precip(9–17h): 0.30 mm
11/12/2023	35.34	10.35	25.25	10.09	20.44	-5.15%	2023-11-12 | High(9–17h): 66.6°F | Low(9–17h): 52.7°F | Avg Cloud(9–17h): 81% | Avg Rad(9–17h): 294.7 W/m² | Precip(9–17h): 0.00 mm
11/12/2024	33.7	13.45	26.01	7.69	21.14	3.42%	2024-11-12 | High(9–17h): 60.6°F | Low(9–17h): 49.3°F | Avg Cloud(9–17h): 67% | Avg Rad(9–17h): 330.1 W/m² | Precip(9–17h): 0.00 mm
11/12/2025	13.23	16.78	8.05	5.18	21.96	3.88%	2025-11-12 | High(9–17h): 65.7°F | Low(9–17h): 57.6°F | Avg Cloud(9–17h): 86% | Avg Rad(9–17h): 231.2 W/m² | Precip(9–17h): 0.00 mm
11/13/2022	48.89	11.31	37.16	11.73	23.04		2022-11-13 | High(9–17h): 57.6°F | Low(9–17h): 44.6°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 350.9 W/m² | Precip(9–17h): 0.00 mm
11/13/2023	39.79	12.55	31	8.79	21.34	-7.38%	2023-11-13 | High(9–17h): 68.0°F | Low(9–17h): 56.3°F | Avg Cloud(9–17h): 25% | Avg Rad(9–17h): 332.2 W/m² | Precip(9–17h): 0.00 mm
11/13/2024	7.12	16.71	2.19	4.93	21.64	1.41%	2024-11-13 | High(9–17h): 55.4°F | Low(9–17h): 51.6°F | Avg Cloud(9–17h): 77% | Avg Rad(9–17h): 106.0 W/m² | Precip(9–17h): 5.50 mm
11/13/2025	2.26	24.97	0.6	1.66	26.63	23.06%	2025-11-13 | High(9–17h): 59.9°F | Low(9–17h): 58.5°F | Avg Cloud(9–17h): 99% | Avg Rad(9–17h): 30.8 W/m² | Precip(9–17h): 16.70 mm
11/14/2022	45.69	9.22	37.41	8.28	17.5		2022-11-14 | High(9–17h): 57.6°F | Low(9–17h): 43.9°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 339.6 W/m² | Precip(9–17h): 0.00 mm
11/14/2023	11.44	28.18	2.92	8.52	36.7	109.71%	2023-11-14 | High(9–17h): 58.1°F | Low(9–17h): 52.7°F | Avg Cloud(9–17h): 89% | Avg Rad(9–17h): 100.9 W/m² | Precip(9–17h): 0.20 mm
11/14/2024	23.99	26.11	11.3	12.69	38.8	5.72%	2024-11-14 | High(9–17h): 54.3°F | Low(9–17h): 47.5°F | Avg Cloud(9–17h): 79% | Avg Rad(9–17h): 179.1 W/m² | Precip(9–17h): 1.00 mm
11/14/2025	34.83	13	30.39	4.44	17.44	-55.05%	2025-11-14 | High(9–17h): 63.9°F | Low(9–17h): 55.0°F | Avg Cloud(9–17h): 57% | Avg Rad(9–17h): 229.2 W/m² | Precip(9–17h): 0.00 mm
11/15/2022	46.8	7.98	38.3	8.5	16.48		2022-11-15 | High(9–17h): 63.5°F | Low(9–17h): 48.2°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 344.3 W/m² | Precip(9–17h): 0.00 mm
11/15/2023	16.79	14.95	10.19	6.6	21.55	30.76%	2023-11-15 | High(9–17h): 65.7°F | Low(9–17h): 51.6°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 140.1 W/m² | Precip(9–17h): 0.00 mm
11/15/2024	44.96	25.92	36.41	8.55	34.47	59.95%	2024-11-15 | High(9–17h): 58.6°F | Low(9–17h): 46.6°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 331.3 W/m² | Precip(9–17h): 0.00 mm
11/15/2025	43.11	7.07	37.84	5.27	12.34	-64.20%	2025-11-15 | High(9–17h): 73.4°F | Low(9–17h): 54.7°F | Avg Cloud(9–17h): 70% | Avg Rad(9–17h): 317.2 W/m² | Precip(9–17h): 0.00 mm

Date/Time	Energy Delivered (kWh)	PG&E Import	PG&E Export	Home consur	Total used	Dif	0
11/16/2022	45.72	7.86	37.53	8.19	16.05		2022-11-16 | High(9–17h): 64.9°F | Low(9–17h): 48.7°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 343.3 W/m² | Precip(9–17h): 0.00 mm
11/16/2023	30.75	10.3	21.14	9.61	19.91	24.05%	2023-11-16 | High(9–17h): 66.4°F | Low(9–17h): 55.9°F | Avg Cloud(9–17h): 10% | Avg Rad(9–17h): 309.0 W/m² | Precip(9–17h): 0.00 mm
11/16/2024	39.52	15.5	31.76	7.76	23.26	16.83%	2024-11-16 | High(9–17h): 56.8°F | Low(9–17h): 43.7°F | Avg Cloud(9–17h): 93% | Avg Rad(9–17h): 270.8 W/m² | Precip(9–17h): 0.00 mm
11/16/2025	3.33	26.71	0.58	2.75	29.46	26.66%	2025-11-16 | High(9–17h): 59.9°F | Low(9–17h): 55.9°F | Avg Cloud(9–17h): 97% | Avg Rad(9–17h): 94.2 W/m² | Precip(9–17h): 2.00 mm
11/17/2022	43.45	18.55	34.77	8.68	27.23		2022-11-17 | High(9–17h): 61.5°F | Low(9–17h): 46.6°F | Avg Cloud(9–17h): 38% | Avg Rad(9–17h): 315.1 W/m² | Precip(9–17h): 0.00 mm
11/17/2023	28.69	15.49	11.67	17.02	32.51	19.39%	2023-11-17 | High(9–17h): 70.0°F | Low(9–17h): 55.9°F | Avg Cloud(9–17h): 40% | Avg Rad(9–17h): 310.0 W/m² | Precip(9–17h): 0.00 mm
11/17/2024	25.83	20.26	18.03	7.8	28.06	-13.69%	2024-11-17 | High(9–17h): 55.9°F | Low(9–17h): 46.4°F | Avg Cloud(9–17h): 97% | Avg Rad(9–17h): 185.7 W/m² | Precip(9–17h): 0.00 mm
11/17/2025	12.69	24.12	5.39	7.3	31.42	11.97%	2025-11-17 | High(9–17h): 56.1°F | Low(9–17h): 51.6°F | Avg Cloud(9–17h): 88% | Avg Rad(9–17h): 149.4 W/m² | Precip(9–17h): 5.40 mm
11/18/2022	45.95	8.01	38.66	7.29	15.3		2022-11-18 | High(9–17h): 61.3°F | Low(9–17h): 48.4°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 337.1 W/m² | Precip(9–17h): 0.00 mm
11/18/2023	6.07	17.63	0	6.07	23.7	54.90%	2023-11-18 | High(9–17h): 59.0°F | Low(9–17h): 55.9°F | Avg Cloud(9–17h): 95% | Avg Rad(9–17h): 81.8 W/m² | Precip(9–17h): 6.80 mm
11/18/2024	39.99	20.2	34.39	5.6	25.8	8.86%	2024-11-18 | High(9–17h): 55.4°F | Low(9–17h): 46.8°F | Avg Cloud(9–17h): 37% | Avg Rad(9–17h): 296.4 W/m² | Precip(9–17h): 0.00 mm
11/18/2025	42.41	14.51	36.61	5.8	20.31	-21.28%	2025-11-18 | High(9–17h): 60.1°F | Low(9–17h): 49.1°F | Avg Cloud(9–17h): 2% | Avg Rad(9–17h): 310.7 W/m² | Precip(9–17h): 0.00 mm
11/19/2022	46.3	9.21	34.46	11.84	21.05		2022-11-19 | High(9–17h): 60.6°F | Low(9–17h): 45.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 336.6 W/m² | Precip(9–17h): 0.00 mm
11/19/2023	44.56	12.67	34.81	9.75	22.42	6.51%	2023-11-19 | High(9–17h): 59.2°F | Low(9–17h): 50.0°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 317.8 W/m² | Precip(9–17h): 0.00 mm
11/19/2024	8.74	27.29	2.09	6.65	33.94	51.38%	2024-11-19 | High(9–17h): 49.5°F | Low(9–17h): 44.8°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 109.1 W/m² | Precip(9–17h): 0.00 mm
11/19/2025	9.52	12.47	6.41	3.11	15.58	-54.10%	2025-11-19 | High(9–17h): 57.4°F | Low(9–17h): 51.8°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 134.7 W/m² | Precip(9–17h): 0.00 mm
11/20/2022	42.2	9.13	34.29	7.91	17.04		2022-11-20 | High(9–17h): 60.8°F | Low(9–17h): 42.8°F | Avg Cloud(9–17h): 53% | Avg Rad(9–17h): 304.0 W/m² | Precip(9–17h): 0.00 mm
11/20/2023	44.78	14.92	35.69	9.09	24.01	40.90%	2023-11-20 | High(9–17h): 65.3°F | Low(9–17h): 51.6°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 323.2 W/m² | Precip(9–17h): 0.00 mm
11/20/2024	1.05	33.8	0.01	1.04	34.84	45.11%	2024-11-20 | High(9–17h): 50.0°F | Low(9–17h): 47.7°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 24.7 W/m² | Precip(9–17h): 17.70 mm
11/20/2025	28.63	13.99	20.14	8.49	22.48	-35.48%	2025-11-20 | High(9–17h): 58.1°F | Low(9–17h): 51.6°F | Avg Cloud(9–17h): 31% | Avg Rad(9–17h): 273.2 W/m² | Precip(9–17h): 0.00 mm
11/21/2022	37.89	8.45	29.16	8.73	17.18		2022-11-21 | High(9–17h): 60.8°F | Low(9–17h): 45.0°F | Avg Cloud(9–17h): 72% | Avg Rad(9–17h): 263.1 W/m² | Precip(9–17h): 0.00 mm
11/21/2023	35.07	12.06	26.41	8.66	20.72	20.61%	2023-11-21 | High(9–17h): 65.1°F | Low(9–17h): 50.5°F | Avg Cloud(9–17h): 69% | Avg Rad(9–17h): 289.7 W/m² | Precip(9–17h): 0.00 mm
11/21/2024	2.53	28.19	0.1	2.43	30.62	47.78%	2024-11-21 | High(9–17h): 52.7°F | Low(9–17h): 50.0°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 44.7 W/m² | Precip(9–17h): 31.10 mm
11/21/2025	42.17	13.29	32.76	9.41	22.7	-25.87%	2025-11-21 | High(9–17h): 66.0°F | Low(9–17h): 52.5°F | Avg Cloud(9–17h): 4% | Avg Rad(9–17h): 313.0 W/m² | Precip(9–17h): 0.00 mm
11/22/2022	29.85	16.57	22.51	7.34	23.91		2022-11-22 | High(9–17h): 59.2°F | Low(9–17h): 45.1°F | Avg Cloud(9–17h): 93% | Avg Rad(9–17h): 263.9 W/m² | Precip(9–17h): 0.00 mm
11/22/2023	27.48	23.47	19.6	7.88	31.35	31.12%	2023-11-22 | High(9–17h): 64.9°F | Low(9–17h): 49.1°F | Avg Cloud(9–17h): 92% | Avg Rad(9–17h): 257.6 W/m² | Precip(9–17h): 0.00 mm
11/22/2024	5.91	20.22	1.38	4.53	24.75	-21.05%	2024-11-22 | High(9–17h): 56.8°F | Low(9–17h): 54.1°F | Avg Cloud(9–17h): 97% | Avg Rad(9–17h): 106.7 W/m² | Precip(9–17h): 6.40 mm
11/22/2025	41.56	7.81	36.61	4.95	12.76	-48.44%	2025-11-22 | High(9–17h): 64.8°F | Low(9–17h): 51.1°F | Avg Cloud(9–17h): 4% | Avg Rad(9–17h): 310.4 W/m² | Precip(9–17h): 0.00 mm
11/23/2022	41.49	11.35	33.7	7.79	19.14		2022-11-23 | High(9–17h): 68.2°F | Low(9–17h): 49.8°F | Avg Cloud(9–17h): 61% | Avg Rad(9–17h): 313.7 W/m² | Precip(9–17h): 0.00 mm
11/23/2023	44.67	11.89	25	19.67	31.56	64.89%	2023-11-23 | High(9–17h): 64.9°F | Low(9–17h): 57.6°F | Avg Cloud(9–17h): 2% | Avg Rad(9–17h): 313.8 W/m² | Precip(9–17h): 0.00 mm
11/23/2024	31.54	17.65	25.53	6.01	23.66	-25.03%	2024-11-23 | High(9–17h): 59.0°F | Low(9–17h): 48.7°F | Avg Cloud(9–17h): 44% | Avg Rad(9–17h): 260.3 W/m² | Precip(9–17h): 7.50 mm
11/23/2025	33.13	12.49	22.73	10.4	22.89	-3.25%	2025-11-23 | High(9–17h): 58.3°F | Low(9–17h): 44.6°F | Avg Cloud(9–17h): 51% | Avg Rad(9–17h): 272.7 W/m² | Precip(9–17h): 0.00 mm
11/24/2022	41.81	11.8	25.98	15.83	27.63		2022-11-24 | High(9–17h): 70.3°F | Low(9–17h): 52.9°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 311.6 W/m² | Precip(9–17h): 0.00 mm
11/24/2023	44.35	12.65	31.57	12.78	25.43	-7.96%	2023-11-24 | High(9–17h): 59.4°F | Low(9–17h): 45.9°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 321.4 W/m² | Precip(9–17h): 0.00 mm
11/24/2024	18.16	13.58	11.54	6.62	20.2	-20.57%	2024-11-24 | High(9–17h): 55.2°F | Low(9–17h): 44.2°F | Avg Cloud(9–17h): 85% | Avg Rad(9–17h): 193.6 W/m² | Precip(9–17h): 0.00 mm
11/24/2025	40.28	8.22	34.78	5.5	13.72	-32.08%	2025-11-24 | High(9–17h): 62.1°F | Low(9–17h): 48.0°F | Avg Cloud(9–17h): 26% | Avg Rad(9–17h): 296.0 W/m² | Precip(9–17h): 0.00 mm
11/25/2022	33.35	12.16	20.29	13.06	25.22		2022-11-25 | High(9–17h): 65.5°F | Low(9–17h): 48.2°F | Avg Cloud(9–17h): 39% | Avg Rad(9–17h): 273.3 W/m² | Precip(9–17h): 0.00 mm
11/25/2023	44.31	12.37	35.81	8.5	20.87	-17.25%	2023-11-25 | High(9–17h): 59.0°F | Low(9–17h): 45.0°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 317.0 W/m² | Precip(9–17h): 0.00 mm
11/25/2024	6.04	15.09	1.51	4.53	19.62	-5.99%	2024-11-25 | High(9–17h): 55.9°F | Low(9–17h): 49.8°F | Avg Cloud(9–17h): 98% | Avg Rad(9–17h): 98.9 W/m² | Precip(9–17h): 1.50 mm
11/25/2025	37.88	9.65	33.09	4.79	14.44	-26.40%	2025-11-25 | High(9–17h): 59.5°F | Low(9–17h): 46.9°F | Avg Cloud(9–17h): 96% | Avg Rad(9–17h): 299.0 W/m² | Precip(9–17h): 0.00 mm
11/26/2022	39.4	6.49	31.55	7.85	14.34		2022-11-26 | High(9–17h): 68.4°F | Low(9–17h): 52.2°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 303.1 W/m² | Precip(9–17h): 0.00 mm
11/26/2023	43.4	13.62	33.53	9.87	23.49	63.81%	2023-11-26 | High(9–17h): 60.1°F | Low(9–17h): 45.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 313.2 W/m² | Precip(9–17h): 0.00 mm
11/26/2024	32.09	12.06	26.74	5.35	17.41	-25.88%	2024-11-26 | High(9–17h): 56.8°F | Low(9–17h): 49.6°F | Avg Cloud(9–17h): 41% | Avg Rad(9–17h): 210.0 W/m² | Precip(9–17h): 1.20 mm
11/26/2025	18.57	9.83	13.16	5.41	15.24	-12.46%	2025-11-26 | High(9–17h): 56.8°F | Low(9–17h): 44.2°F | Avg Cloud(9–17h): 12% | Avg Rad(9–17h): 292.6 W/m² | Precip(9–17h): 0.00 mm
11/27/2022	38.53	6.36	30.56	7.97	14.33		2022-11-27 | High(9–17h): 62.4°F | Low(9–17h): 46.8°F | Avg Cloud(9–17h): 25% | Avg Rad(9–17h): 296.3 W/m² | Precip(9–17h): 0.00 mm
11/27/2023	42.39	17.55	31.42	10.97	28.52	99.02%	2023-11-27 | High(9–17h): 59.2°F | Low(9–17h): 42.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 311.2 W/m² | Precip(9–17h): 0.00 mm
11/27/2024	42.37	19.98	36.02	6.35	26.33	-7.68%	2024-11-27 | High(9–17h): 56.5°F | Low(9–17h): 43.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 307.8 W/m² | Precip(9–17h): 0.00 mm
11/27/2025	5.77	22.16	1.05	4.72	26.88	2.09%	2025-11-27 | High(9–17h): 54.7°F | Low(9–17h): 44.6°F | Avg Cloud(9–17h): 68% | Avg Rad(9–17h): 251.2 W/m² | Precip(9–17h): 0.00 mm
11/28/2022	37.64	11.11	28.92	8.72	19.83		2022-11-28 | High(9–17h): 60.1°F | Low(9–17h): 49.1°F | Avg Cloud(9–17h): 54% | Avg Rad(9–17h): 257.8 W/m² | Precip(9–17h): 0.00 mm
11/28/2023	39.55	16.61	27.17	12.38	28.99	46.19%	2023-11-28 | High(9–17h): 59.7°F | Low(9–17h): 42.8°F | Avg Cloud(9–17h): 4% | Avg Rad(9–17h): 300.8 W/m² | Precip(9–17h): 0.00 mm
11/28/2024	42.07	13.62	31.67	10.4	24.02	-17.14%	2024-11-28 | High(9–17h): 56.1°F | Low(9–17h): 42.3°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 307.1 W/m² | Precip(9–17h): 0.00 mm
11/28/2025	7.23	23.18	2.44	4.79	27.97	16.44%	2025-11-28 | High(9–17h): 58.1°F | Low(9–17h): 41.2°F | Avg Cloud(9–17h): 71% | Avg Rad(9–17h): 274.2 W/m² | Precip(9–17h): 0.00 mm
11/29/2022	41.21	7.74	33.9	7.31	15.05		2022-11-29 | High(9–17h): 57.0°F | Low(9–17h): 42.8°F | Avg Cloud(9–17h): 56% | Avg Rad(9–17h): 295.1 W/m² | Precip(9–17h): 0.00 mm
11/29/2023	29.13	18.64	18.23	10.9	29.54	96.28%	2023-11-29 | High(9–17h): 60.6°F | Low(9–17h): 45.0°F | Avg Cloud(9–17h): 2% | Avg Rad(9–17h): 286.3 W/m² | Precip(9–17h): 0.00 mm
11/29/2024	41.83	12.26	34.89	6.94	19.2	-35.00%	2024-11-29 | High(9–17h): 58.1°F | Low(9–17h): 42.1°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 305.6 W/m² | Precip(9–17h): 0.00 mm
11/29/2025	5.03	28.41	0.8	4.23	32.64	70.00%	2025-11-29 | High(9–17h): 50.7°F | Low(9–17h): 42.1°F | Avg Cloud(9–17h): 74% | Avg Rad(9–17h): 275.7 W/m² | Precip(9–17h): 0.00 mm
11/30/2022	27.46	9.76	19.93	7.53	17.29		2022-11-30 | High(9–17h): 55.9°F | Low(9–17h): 41.5°F | Avg Cloud(9–17h): 90% | Avg Rad(9–17h): 255.7 W/m² | Precip(9–17h): 0.00 mm
11/30/2023	22.59	17.04	13.93	8.66	25.7	48.64%	2023-11-30 | High(9–17h): 58.5°F | Low(9–17h): 46.9°F | Avg Cloud(9–17h): 59% | Avg Rad(9–17h): 226.8 W/m² | Precip(9–17h): 0.00 mm

Date/Time	Energy Delivered (kWh)	PG&E Import	PG&E Export	Home consur	Total used	Dif	0
11/30/2024	41.55	15.32	24.35	17.2	32.52	26.54%	2024-11-30 | High(9–17h): 58.1°F | Low(9–17h): 40.5°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 304.3 W/m² | Precip(9–17h): 0.00 mm
11/30/2025	11.89	11.51	8	3.89	15.4	-52.64%	2025-11-30 | High(9–17h): 54.5°F | Low(9–17h): 41.0°F | Avg Cloud(9–17h): 97% | Avg Rad(9–17h): 238.2 W/m² | Precip(9–17h): 0.00 mm
12/10/2022	8.77	12.54	4.61	4.16	16.7		2022-12-10 | High(9–17h): 53.6°F | Low(9–17h): 49.1°F | Avg Cloud(9–17h): 95% | Avg Rad(9–17h): 91.2 W/m² | Precip(9–17h): 8.10 mm
12/10/2023	29.27	19.78	20.29	8.98	28.76	72.22%	2023-12-10 | High(9–17h): 54.0°F | Low(9–17h): 40.5°F | Avg Cloud(9–17h): 99% | Avg Rad(9–17h): 222.4 W/m² | Precip(9–17h): 0.00 mm
12/10/2024	33.51	15.32	27.07	6.44	21.76	-24.34%	2024-12-10 | High(9–17h): 53.6°F | Low(9–17h): 41.2°F | Avg Cloud(9–17h): 97% | Avg Rad(9–17h): 263.8 W/m² | Precip(9–17h): 0.00 mm
12/11/2022	22.31	12.77	13.51	8.8	21.57		2022-12-11 | High(9–17h): 48.9°F | Low(9–17h): 43.3°F | Avg Cloud(9–17h): 81% | Avg Rad(9–17h): 173.7 W/m² | Precip(9–17h): 2.20 mm
12/11/2023	28.29	14.43	22.92	5.37	19.8	-8.21%	2023-12-11 | High(9–17h): 59.7°F | Low(9–17h): 43.5°F | Avg Cloud(9–17h): 13% | Avg Rad(9–17h): 267.0 W/m² | Precip(9–17h): 0.00 mm
12/11/2024	24.78	14.96	17.54	7.24	22.2	12.12%	2024-12-11 | High(9–17h): 54.0°F | Low(9–17h): 41.9°F | Avg Cloud(9–17h): 87% | Avg Rad(9–17h): 230.0 W/m² | Precip(9–17h): 0.00 mm
12/12/2022	40	12.29	32.44	7.56	19.85		2022-12-12 | High(9–17h): 51.6°F | Low(9–17h): 38.7°F | Avg Cloud(9–17h): 2% | Avg Rad(9–17h): 274.8 W/m² | Precip(9–17h): 0.00 mm
12/12/2023	39.49	12.18	31.18	8.31	20.49	3.22%	2023-12-12 | High(9–17h): 62.8°F | Low(9–17h): 46.4°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 277.6 W/m² | Precip(9–17h): 0.00 mm
12/12/2024	2.38	18.25	0.51	1.87	20.12	-1.81%	2024-12-12 | High(9–17h): 48.7°F | Low(9–17h): 46.0°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 50.3 W/m² | Precip(9–17h): 4.00 mm
12/13/2022	40.33	12.72	27.41	12.92	25.64		2022-12-13 | High(9–17h): 52.9°F | Low(9–17h): 38.8°F | Avg Cloud(9–17h): 4% | Avg Rad(9–17h): 279.3 W/m² | Precip(9–17h): 0.00 mm
12/13/2023	31.33	18.34	21.63	9.7	28.04	9.36%	2023-12-13 | High(9–17h): 60.6°F | Low(9–17h): 46.4°F | Avg Cloud(9–17h): 62% | Avg Rad(9–17h): 269.1 W/m² | Precip(9–17h): 0.00 mm
12/13/2024	3.73	16.64	0.93	2.8	19.44	-30.67%	2024-12-13 | High(9–17h): 50.9°F | Low(9–17h): 48.0°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 31.7 W/m² | Precip(9–17h): 9.40 mm
12/14/2022	34.95	19.27	20.62	14.33	33.6		2022-12-14 | High(9–17h): 50.5°F | Low(9–17h): 36.5°F | Avg Cloud(9–17h): 25% | Avg Rad(9–17h): 269.2 W/m² | Precip(9–17h): 0.00 mm
12/14/2023	23.45	20.09	14.25	9.2	29.29	-12.83%	2023-12-14 | High(9–17h): 57.7°F | Low(9–17h): 43.5°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 206.1 W/m² | Precip(9–17h): 0.00 mm
12/14/2024	12.06	18.68	7.28	4.78	23.46	-19.90%	2024-12-14 | High(9–17h): 47.5°F | Low(9–17h): 42.4°F | Avg Cloud(9–17h): 67% | Avg Rad(9–17h): 80.6 W/m² | Precip(9–17h): 7.30 mm
12/15/2022	40.82	14.97	32.24	8.58	23.55		2022-12-15 | High(9–17h): 54.1°F | Low(9–17h): 39.9°F | Avg Cloud(9–17h): 3% | Avg Rad(9–17h): 281.7 W/m² | Precip(9–17h): 0.00 mm
12/15/2023	25.75	22.4	17.22	8.53	30.93	31.34%	2023-12-15 | High(9–17h): 61.0°F | Low(9–17h): 44.2°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 247.3 W/m² | Precip(9–17h): 0.00 mm
12/15/2024	26.57	13.5	19.38	7.19	20.69	-33.11%	2024-12-15 | High(9–17h): 53.1°F | Low(9–17h): 45.1°F | Avg Cloud(9–17h): 97% | Avg Rad(9–17h): 214.9 W/m² | Precip(9–17h): 0.00 mm
12/16/2022	40.09	15.86	28.34	11.75	27.61		2022-12-16 | High(9–17h): 53.1°F | Low(9–17h): 38.7°F | Avg Cloud(9–17h): 0% | Avg Rad(9–17h): 278.6 W/m² | Precip(9–17h): 0.00 mm
12/16/2023	37.13	11.65	28.82	8.31	19.96	-27.71%	2023-12-16 | High(9–17h): 62.8°F | Low(9–17h): 45.3°F | Avg Cloud(9–17h): 7% | Avg Rad(9–17h): 276.1 W/m² | Precip(9–17h): 0.00 mm
12/16/2024	4.04	16.06	0.68	3.36	19.42	-2.71%	2024-12-16 | High(9–17h): 48.6°F | Low(9–17h): 46.2°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 57.4 W/m² | Precip(9–17h): 6.70 mm
12/17/2022	38.42	17.78	17.01	21.41	39.19		2022-12-17 | High(9–17h): 52.2°F | Low(9–17h): 36.7°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 277.6 W/m² | Precip(9–17h): 0.00 mm
12/17/2023	12.26	21.06	4.54	7.72	28.78	-26.56%	2023-12-17 | High(9–17h): 55.4°F | Low(9–17h): 46.6°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 123.3 W/m² | Precip(9–17h): 0.70 mm
12/17/2024	25.77	13.72	18.47	7.3	21.02	-26.96%	2024-12-17 | High(9–17h): 57.0°F | Low(9–17h): 49.1°F | Avg Cloud(9–17h): 99% | Avg Rad(9–17h): 217.4 W/m² | Precip(9–17h): 0.00 mm
12/18/2022	38.12	10.2	22.37	15.75	25.95		2022-12-18 | High(9–17h): 49.8°F | Low(9–17h): 36.3°F | Avg Cloud(9–17h): 51% | Avg Rad(9–17h): 269.7 W/m² | Precip(9–17h): 0.00 mm
12/18/2023	3.46	32.12	0	3.46	35.58	37.11%	2023-12-18 | High(9–17h): 52.3°F | Low(9–17h): 47.7°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 60.2 W/m² | Precip(9–17h): 7.00 mm
12/18/2024	27.4	17.95	20.23	7.17	25.12	-29.40%	2024-12-18 | High(9–17h): 61.9°F | Low(9–17h): 48.4°F | Avg Cloud(9–17h): 46% | Avg Rad(9–17h): 242.8 W/m² | Precip(9–17h): 0.00 mm
12/19/2022	5.86	19.26	0.32	5.54	24.8		2022-12-19 | High(9–17h): 43.5°F | Low(9–17h): 35.8°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 144.0 W/m² | Precip(9–17h): 0.00 mm
12/19/2023	12.23	11.19	5.5	6.73	17.92	-27.74%	2023-12-19 | High(9–17h): 59.4°F | Low(9–17h): 55.9°F | Avg Cloud(9–17h): 96% | Avg Rad(9–17h): 115.9 W/m² | Precip(9–17h): 6.90 mm
12/19/2024	5.58	19.96	0.92	4.66	24.62	37.39%	2024-12-19 | High(9–17h): 55.6°F | Low(9–17h): 44.1°F | Avg Cloud(9–17h): 75% | Avg Rad(9–17h): 230.2 W/m² | Precip(9–17h): 0.00 mm
12/20/2022	21.16	14.31	13.84	7.32	21.63		2022-12-20 | High(9–17h): 49.1°F | Low(9–17h): 40.6°F | Avg Cloud(9–17h): 83% | Avg Rad(9–17h): 130.1 W/m² | Precip(9–17h): 0.00 mm
12/20/2023	18.58	13.51	11.34	7.24	20.75	-4.07%	2023-12-20 | High(9–17h): 61.0°F | Low(9–17h): 54.1°F | Avg Cloud(9–17h): 89% | Avg Rad(9–17h): 164.3 W/m² | Precip(9–17h): 1.70 mm
12/20/2024	7.45	16.93	1.78	5.67	22.6	8.92%	2024-12-20 | High(9–17h): 55.4°F | Low(9–17h): 47.1°F | Avg Cloud(9–17h): 98% | Avg Rad(9–17h): 146.1 W/m² | Precip(9–17h): 0.00 mm
12/21/2022	26.84	16.42	15.65	11.19	27.61		2022-12-21 | High(9–17h): 53.6°F | Low(9–17h): 43.7°F | Avg Cloud(9–17h): 89% | Avg Rad(9–17h): 178.8 W/m² | Precip(9–17h): 0.00 mm
12/21/2023	30.04	11.62	22.17	7.87	19.49	-29.41%	2023-12-21 | High(9–17h): 63.1°F | Low(9–17h): 48.9°F | Avg Cloud(9–17h): 1% | Avg Rad(9–17h): 261.0 W/m² | Precip(9–17h): 0.00 mm
12/21/2024	2.7	17.28	0.46	2.24	19.52	0.15%	2024-12-21 | High(9–17h): 53.1°F | Low(9–17h): 47.8°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 62.7 W/m² | Precip(9–17h): 2.10 mm
12/22/2022	3.85	19.49	0.18	3.67	23.16		2022-12-22 | High(9–17h): 47.3°F | Low(9–17h): 43.7°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 85.2 W/m² | Precip(9–17h): 0.40 mm
12/22/2023	37.43	12.35	28.3	9.13	21.48	-7.25%	2023-12-22 | High(9–17h): 63.1°F | Low(9–17h): 48.4°F | Avg Cloud(9–17h): 13% | Avg Rad(9–17h): 262.7 W/m² | Precip(9–17h): 0.00 mm
12/22/2024	4.9	15.25	1.45	3.45	18.7	-12.94%	2024-12-22 | High(9–17h): 57.0°F | Low(9–17h): 50.2°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 86.6 W/m² | Precip(9–17h): 2.20 mm
12/23/2022	16.51	13.01	11.06	5.45	18.46		2022-12-23 | High(9–17h): 54.7°F | Low(9–17h): 44.4°F | Avg Cloud(9–17h): 87% | Avg Rad(9–17h): 163.7 W/m² | Precip(9–17h): 0.00 mm
12/23/2023	40	18.88	24.25	15.75	34.63	87.59%	2023-12-23 | High(9–17h): 56.3°F | Low(9–17h): 44.8°F | Avg Cloud(9–17h): 14% | Avg Rad(9–17h): 274.3 W/m² | Precip(9–17h): 0.00 mm
12/23/2024	4.96	13.83	1.02	3.94	17.77	-48.69%	2024-12-23 | High(9–17h): 58.8°F | Low(9–17h): 53.1°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 83.3 W/m² | Precip(9–17h): 0.00 mm
12/24/2022	33.63	13.34	21.81	11.82	25.16		2022-12-24 | High(9–17h): 59.2°F | Low(9–17h): 43.7°F | Avg Cloud(9–17h): 98% | Avg Rad(9–17h): 242.0 W/m² | Precip(9–17h): 0.00 mm
12/24/2023	23.2	15.26	14.4	8.8	24.06	-4.37%	2023-12-24 | High(9–17h): 51.8°F | Low(9–17h): 38.7°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 161.6 W/m² | Precip(9–17h): 0.00 mm
12/24/2024	16.62	26.29	8.8	7.82	34.11	41.77%	2024-12-24 | High(9–17h): 54.1°F | Low(9–17h): 49.1°F | Avg Cloud(9–17h): 68% | Avg Rad(9–17h): 126.2 W/m² | Precip(9–17h): 7.20 mm
12/25/2022	10.13	8.37	5.45	4.68	13.05		2022-12-25 | High(9–17h): 55.9°F | Low(9–17h): 48.4°F | Avg Cloud(9–17h): 83% | Avg Rad(9–17h): 234.1 W/m² | Precip(9–17h): 0.00 mm
12/25/2023	16.31	14.76	9.96	6.35	21.11	61.76%	2023-12-25 | High(9–17h): 54.9°F | Low(9–17h): 44.8°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 188.6 W/m² | Precip(9–17h): 0.00 mm
12/25/2024	13.91	19.8	8.74	5.17	24.97	18.29%	2024-12-25 | High(9–17h): 53.8°F | Low(9–17h): 43.0°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 199.1 W/m² | Precip(9–17h): 0.00 mm
12/26/2022	5.77	17.12	2.08	3.69	20.81		2022-12-26 | High(9–17h): 51.3°F | Low(9–17h): 46.4°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 92.9 W/m² | Precip(9–17h): 0.00 mm
12/26/2023	23.04	13.04	14.71	8.33	21.37	2.69%	2023-12-26 | High(9–17h): 56.3°F | Low(9–17h): 44.6°F | Avg Cloud(9–17h): 64% | Avg Rad(9–17h): 240.3 W/m² | Precip(9–17h): 0.00 mm
12/26/2024	1.75	23.63	0	1.75	25.38	18.76%	2024-12-26 | High(9–17h): 54.7°F | Low(9–17h): 50.4°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 85.6 W/m² | Precip(9–17h): 1.60 mm
12/27/2022	14.75	10.17	8.56	6.19	16.36		2022-12-27 | High(9–17h): 58.3°F | Low(9–17h): 50.4°F | Avg Cloud(9–17h): 81% | Avg Rad(9–17h): 145.8 W/m² | Precip(9–17h): 5.50 mm
12/27/2023	3.75	26.38	0	3.75	30.13	84.17%	2023-12-27 | High(9–17h): 51.4°F | Low(9–17h): 48.2°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 32.0 W/m² | Precip(9–17h): 23.00 mm
12/27/2024	3.98	24.1	0.72	3.26	27.36	-9.19%	2024-12-27 | High(9–17h): 57.6°F | Low(9–17h): 54.7°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 90.1 W/m² | Precip(9–17h): 0.10 mm
12/28/2022	21.04	11.37	11.13	9.91	21.28		2022-12-28 | High(9–17h): 52.5°F | Low(9–17h): 43.3°F | Avg Cloud(9–17h): 44% | Avg Rad(9–17h): 226.1 W/m² | Precip(9–17h): 0.00 mm
12/28/2023	9.71	13.79	2.64	7.07	20.86	-1.97%	2023-12-28 | High(9–17h): 54.0°F | Low(9–17h): 50.2°F | Avg Cloud(9–17h): 99% | Avg Rad(9–17h): 55.4 W/m² | Precip(9–17h): 1.40 mm

Date/Time	Energy Delivered (kWh)	PG&E Import	PG&E Export	Home consur	Total used	Dif	0
12/28/2024	2.71	15.73	0.33	2.38	18.11	-13.18%	2024-12-28 | High(9–17h): 61.3°F | Low(9–17h): 56.3°F | Avg Cloud(9–17h): 96% | Avg Rad(9–17h): 60.6 W/m² | Precip(9–17h): 0.10 mm
12/29/2022	6.45	23.29	0.26	6.19	29.48		2022-12-29 | High(9–17h): 48.6°F | Low(9–17h): 45.0°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 35.0 W/m² | Precip(9–17h): 1.40 mm
12/29/2023	6.95	18.55	0.77	6.18	24.73	-16.11%	2023-12-29 | High(9–17h): 57.6°F | Low(9–17h): 53.2°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 98.8 W/m² | Precip(9–17h): 4.90 mm
12/29/2024	24.59	11.32	19.05	5.54	16.86	-31.82%	2024-12-29 | High(9–17h): 62.8°F | Low(9–17h): 53.4°F | Avg Cloud(9–17h): 33% | Avg Rad(9–17h): 210.0 W/m² | Precip(9–17h): 3.20 mm
12/30/2022	2.24	8.49	0.44	1.8	10.29		2022-12-30 | High(9–17h): 55.9°F | Low(9–17h): 51.4°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 42.8 W/m² | Precip(9–17h): 23.90 mm
12/30/2023	20.69	14.54	12.44	8.25	22.79	121.48%	2023-12-30 | High(9–17h): 55.9°F | Low(9–17h): 51.4°F | Avg Cloud(9–17h): 68% | Avg Rad(9–17h): 141.3 W/m² | Precip(9–17h): 0.10 mm
12/30/2024	39.38	12.12	32.14	7.24	19.36	-15.05%	2024-12-30 | High(9–17h): 57.4°F | Low(9–17h): 43.0°F | Avg Cloud(9–17h): 2% | Avg Rad(9–17h): 280.9 W/m² | Precip(9–17h): 0.00 mm
12/31/2022	4.28	10.49	1.3	2.98	13.47		2022-12-31 | High(9–17h): 54.5°F | Low(9–17h): 52.0°F | Avg Cloud(9–17h): 100% | Avg Rad(9–17h): 56.3 W/m² | Precip(9–17h): 1.20 mm
12/31/2023	12.25	27.4	3.9	8.35	35.75	165.40%	2023-12-31 | High(9–17h): 54.1°F | Low(9–17h): 46.4°F | Avg Cloud(9–17h): 99% | Avg Rad(9–17h): 125.7 W/m² | Precip(9–17h): 0.00 mm
12/31/2024	26.4	12.9	20.59	5.81	18.71	-47.66%	2024-12-31 | High(9–17h): 52.2°F | Low(9–17h): 41.2°F | Avg Cloud(9–17h): 88% | Avg Rad(9–17h): 225.0 W/m² | Precip(9–17h): 0.00 mm

Exhibit F: CPRA CPUC.pdf- CPUC Internal Case Log for Informal Complaint #707473 (CPRA production)

Case Num	Case Type	Disposition	Receipt Date	Closed Da	Utility Cod	Utility Name	Category	Subcategory 1	Subcateg	Subcategory 3	Residence / Busin	Comment	Private Comment
707473	INFORMAL COMPLAINT	IN FAVOR OF UTILITY	11/26/2025	3/16/2026	MUL39	Pacific Gas & Electric Company	Public Purpose Programs	Net Energy Metering (NEM)	High Bill	Meter Inaccuracy/Reading Issues	Residence	NULL	CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe. Supervisor Raymond, I received your phone call, addressing none of the concerns listed in my email. All correspondence PG&E has to provide can be provided in writing with the appropriate cc. I will not accept any phone calls from PG&E. This matter is under active dispute, and disconnection of service while a billing dispute is acknowledged is prohibited. Andrea Slade On Tue, Nov 18, 2025 at 9:05¿AM Andrea Snyder <abslade85@gmail.com> wrote: Hello PG&E, I am escalating this matter formally. This email serves as a dispute notice and a request for an immediate hold on any service interruption associated with my account. On October 20, 2025, I contacted PG&E alongside a representative from my solar company. The issue was recorded under PG&E Record #2363062506, establishing a verified three-month investigation period and preserving my right to submit a CPUC complaint if unresolved. Despite this, I continue to receive threats of shutoff, which is unacceptable and unsafe. I have children in my home, and this matter remains under active dispute. Summary of Facts 1.□No balance is owed. The billing discrepancy originates from PG&E's equipment failure. 2.□Meter failure caused water intrusion. PG&E removed the defective meter. During his inspection, the PG&E technician noted moisture inside the breaker box following recent rain; this was also documented by me. 3.□Evidence preserved. I documented the meter condition with a timestamped photo prior to removal. It will be produced if required in a regulatory proceeding. 4.□Verified solar production. My production data confirms the discrepancy did not originate from my solar equipment, but from breaker damage. That breaker damage resulted from downstream water intrusion originating at the meter enclosure. Water was present inside the breaker box during PG&E's inspection and did not reoccur after the meter was replaced. 5.I□ndependent moisture verification. When the breaker damage was repaired by a solar technician (during and after rainfall) I confirmed and documented that no moisture was present. This demonstrates that the water intrusion was internal to the prior PG&E meter and that the problem ceased once the meter was replaced. 6.□Liability. PG&E's equipment failure caused inaccurate billing, meter malfunction, water intrusion, and downstream electrical damage.
707473	INFORMAL COMPLAINT	IN FAVOR OF UTILITY	11/26/2025	3/16/2026	MUL39	Pacific Gas & Electric Company	Public Purpose Programs	Net Energy Metering (NEM)	High Bill	Meter Inaccuracy/Reading Issues	Residence	NULL	Hi Katrina, Confirming meter was tested on October 27, 2025. Thank you, Lynn Flavin | PG&E Customer Relations and Executive Escalations Cell: (408) 826-1533 ********** CASE CLOSED - In your complaint to CAB, you stated that while you have solar service, you think your meter may be defective. Although you have already filed a formal complaint with the CPUC regarding this concern, you are requesting that your account be placed on hold to prevent any possibility of disconnection until your complaint has been fully resolved. Furthermore, you have requested that the utility formally investigate the meter in question. If the investigation confirms the meter is defective, you are seeking a review of your billing history and issue any adjustments. Pacific Gas & Electric Company (PG&E) has confirmed that your complaint was escalated to their Customer Relations (CR) team on November 20, 2025, to investigate your solar true-up billing and the status of the suspected defective meter. The utility also stated that the meter test was scheduled for October 27, 2025. The CR representative attempted to contact you on December 2, 2025, to discuss the complaint but was unable to reach you; however, they did leave a voicemail confirming they received your complaint and are currently in the process of reviewing your account. Their Review Manager confirmed that the meter test was successfully performed on October 27, 2025, and conducted in your presence. The Meter Technician concluded that the meter passed the test and was providing accurate readings. However, they also noted that the meter's LCD display was degraded and dim, and there were signs of water/moisture damage to the meter itself. In addition, the inspection revealed that the electrical panel had water intrusions and the solar breaker was bad, burning, and arching. You informed the utility that the solar system was turned off to allow time for an electrician or solar company to make the necessary repairs to the panel and breaker. Following further investigation, the Meter Technician concluded that the water intrusion issue originated on your side of the service connection, and the reported damage was attributed to poor maintenance of your meter panel. PG&E reiterates that the meter passed the accuracy test; however, due to the degrading display, the old meter is being kept in their meter shop for one year in case of any future dispute. They then advised that the issues found are not due to utility equipment failure,
707473	INFORMAL COMPLAINT	IN FAVOR OF UTILITY	11/26/2025	3/16/2026	MUL39	Pacific Gas & Electric Company	Public Purpose Programs	Net Energy Metering (NEM)	High Bill	Meter Inaccuracy/Reading Issues	Residence	NULL	Sent to CAB Inbox on 12/15/25: From: Andrea Snyder <abslade85@gmail.com> Sent: Monday, December 15, 2025 11:09 AM To: Consumer-Affairs <Consumer-Affairs@cpuc.ca.gov>; LVF1@pge.com Cc: Public.advisor <Public.advisor@cpuc.ca.gov> Subject: [EXTERNAL] Notice Regarding CAB Closure Letter and Service Continuity CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe. Dear CAB Staff and PG&E Customer Relations, I am writing to place on record my objection to the Consumer Affairs Branch's December 8, 2025 closure letter (attached), which materially mischaracterizes the scope of my dispute and includes an adjudicatory conclusion that exceeds CAB's authority in the context of an informal complaint process. My November 18, 2025 escalation email (CCed to CAB) raised multiple issues beyond a "suspected defective meter," including equipment-related water intrusion, downstream electrical damage, and tariff compliance concerns under Electric Rules 2, 11, 17, 18, and 21. These issues were not addressed in the closure letter, but rather dismissed absent the context of my actual concerns, as the letter appears to rely solely on PG&E's representations without disclosure or independent analysis. In particular, the statement that "Pacific Gas & Electric Company is not in violation of the rules or regulations of the CPUC" constitutes an adjudicatory determination that is not appropriate in an informal CAB review and was issued without an evidentiary record or opportunity for rebuttal. CAB's closure letter states that I had "already filed a formal complaint with the CPUC" prior to requesting an account hold. This is incorrect. Prior to CAB's December 8, 2025 letter, I had not filed a formal CPUC complaint. On December 8, 2025 I did provide information to CAB in response to CAB's request for intake details for the purpose of initiating a formal complaint, but no formal complaint has been filed, docketed, assigned, or acknowledged by the CPUC to date. Please clarify the basis for CAB's statement, identify when and how CAB believes a formal complaint was filed, and correct the record accordingly.

707473	INFORMAL COMPLAINT	IN FAVOR OF UTILITY	11/26/2025	3/16/2026	MUL39	Pacific Gas & Electric Company	Public Purpose Programs	Net Energy Metering (NEM)	High Bill	Meter Inaccuracy/Reading Issues	Residence	NULL	Sent SUP and Email: On December 15, 2025, the consumer filed an appeal, which was forwarded to your office for review that same day. To date, we have not received a response regarding this matter. Please review the attached documentation and provide your reply no later than Friday, February 6, 2026.
707473	INFORMAL COMPLAINT	IN FAVOR OF UTILITY	11/26/2025	3/16/2026	MUL39	Pacific Gas & Electric Company	Public Purpose Programs	Net Energy Metering (NEM)	High Bill	Meter Inaccuracy/Reading Issues	Residence	NULL	Sent to CAB inbox 2/10/26: CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe. Dear CAB Staff and PG&E, I am following up on my December 15, 2025 correspondence, which has not received a substantive response. The only reply received was a generalized explanation of the formal complaint process. That response did not address the specific procedural and record-related issues raised in my prior notice. For clarity, this matter does not concern dissatisfaction with the outcome of the informal process. It concerns unresolved procedural deficiencies and inaccuracies in the administrative record, including reliance on PG&E's representations without addressing the documented discrepancies I identified. When an agency adopts one party's narrative without clarification or correction, the integrity and neutrality of the process are compromised. This materially affects my ability to proceed in good faith and with appropriate due diligence. Because the requested information has not been provided, I remain unable to pursue further escalation in a responsible and informed manner. Accordingly, please provide written clarification regarding: 1. Whether my account is protected from disconnection or collection activity during this dispute; and 2. My accurate procedural status, including any associated case, record, or complaint number. I appreciate your attention to these outstanding issues and look forward to your response.
707473	INFORMAL COMPLAINT	IN FAVOR OF UTILITY	11/26/2025	3/16/2026	MUL39	Pacific Gas & Electric Company	Public Purpose Programs	Net Energy Metering (NEM)	High Bill	Meter Inaccuracy/Reading Issues	Residence	NULL	Sent an email to EO regarding appeal status - no response since december
707473	INFORMAL COMPLAINT	IN FAVOR OF UTILITY	11/26/2025	3/16/2026	MUL39	Pacific Gas & Electric Company	Public Purpose Programs	Net Energy Metering (NEM)	High Bill	Meter Inaccuracy/Reading Issues	Residence	NULL	3/3/26 - sent email from CAB Liaison regarding case status
707473	INFORMAL COMPLAINT	IN FAVOR OF UTILITY	11/26/2025	3/16/2026	MUL39	Pacific Gas & Electric Company	Public Purpose Programs	Net Energy Metering (NEM)	High Bill	Meter Inaccuracy/Reading Issues	Residence	NULL	Utility Response: Assigned to Lynn Flavin Utility Resolution: UTILITY RESOLVED
707473	INFORMAL COMPLAINT	IN FAVOR OF UTILITY	11/26/2025	3/16/2026	MUL39	Pacific Gas & Electric Company	Public Purpose Programs	Net Energy Metering (NEM)	High Bill	Meter Inaccuracy/Reading Issues	Residence	NULL	Sub-Cat: - NEM - On October 20, 2025, I contacted PG&E alongside a representative from my solar company…….. Verified solar production. My production data confirms the discrepancy did not originate from my solar equipment, but from breaker damage. That breaker damage resulted from downstream water intrusion originating at the meter enclosure. Water was present inside the breaker box during PG&E's inspection and did not reoccur after the meter was replaced. Attribute/s: High Bill - No balance is owed. The billing discrepancy originates from PG&E's equipment failure. Meter Inaccuracy/Reading Issues - Meter failure caused water intrusion. PG&E removed the defective meter. During his inspection, the PG&E technician noted moisture inside the breaker box following recent rain; this was also documented by me. Bill adjustment - correct billing under Rules 17 and 18.
707473	INFORMAL COMPLAINT	IN FAVOR OF UTILITY	11/26/2025	3/16/2026	MUL39	Pacific Gas & Electric Company	Public Purpose Programs	Net Energy Metering (NEM)	High Bill	Meter Inaccuracy/Reading Issues	Residence	NULL	Utility Response: Assigned to Lynn Flavin Utility Resolution: UTILITY RESOLVED
707473	INFORMAL COMPLAINT	IN FAVOR OF UTILITY	11/26/2025	3/16/2026	MUL39	Pacific Gas & Electric Company	Public Purpose Programs	Net Energy Metering (NEM)	High Bill	Meter Inaccuracy/Reading Issues	Residence	NULL	Sent to CAB inbox 3/6/26: From: Andrea Snyder <abslade85@gmail.com> Sent: Friday, March 6, 2026 6:42 PM To: Consumer-Affairs <Consumer-Affairs@cpuc.ca.gov>; LVF1@pge.com <LVF1@pge.com> Cc: Public.advisor <Public.advisor@cpuc.ca.gov> Subject: [EXTERNAL] Re: Notice Regarding CAB Closure Letter and Service Continuity CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe. Dear CAB and PG&E, For transparency and completeness of the record, I am documenting a phone call received today from a representative of PG&E regarding the matter referenced in this email chain. During the call, PG&E reiterated its position that the matter is considered closed on its end and that payment of the disputed charges is expected. PG&E also stated that the historical meter data requested in my prior correspondence would not be provided. I reiterated that the matter remains disputed and that I do not consider it resolved. As reflected in my prior correspondence in this thread, I have asked both PG&E and CAB on multiple occasions to confirm two procedural points: Whether service disconnection or collection activity will occur while this dispute remains unresolved. Whether a formal CPUC complaint has already been filed or opened in connection with this matter, as referenced in CAB's December 8 closure letter. These questions remain unanswered despite repeated written requests. Without clarification of these points, I am unable to determine the appropriate procedural step for moving forward. Because communications between PG&E and CAB appear to have occurred outside my presence and may have influenced the closure determination, I have submitted a CPRA request to the CPUC seeking records related to this matter, including communications. Once the requested records are received and the procedural posture of this matter can be confirmed, I will proceed with the appropriate next step, including filing a formal CPUC complaint if necessary. As previously requested, please ensure that further communications regarding this matter occur in writing so the record
707473	INFORMAL COMPLAINT	IN FAVOR OF UTILITY	11/26/2025	3/16/2026	MUL39	Pacific Gas & Electric Company	Public Purpose Programs	Net Energy Metering (NEM)	High Bill	Meter Inaccuracy/Reading Issues	Residence	NULL	Informal Appeal Response from PG&E PG&E completed their review of the supplemental information and reported that their position remains the same. They indicated that the meter was found to be operating accurately and in compliance with CPUC rules for meter performance. According to their report, PG&E's meter technician discovered that your solar breaker was burning and arching which was likely the cause of the high true up.
707473	INFORMAL COMPLAINT	IN FAVOR OF UTILITY	11/26/2025	3/16/2026	MUL39	Pacific Gas & Electric Company	Public Purpose Programs	Net Energy Metering (NEM)	High Bill	Meter Inaccuracy/Reading Issues	Residence	It appears	It appears that the consumer has solar service and may issues with the meter, which may be defective. While the consumer has filed their complaint, they have requested that the account be placed on hold (stop disconnection) until their complaint is resolved. The consumer has requested that the meter be investigated. If a meter test is conducted, please provide the results of the test to the consumer and the CPUC. The consumer has also requested that the disputed charges be corrected. If the consumer is issued an adjustment, please provide the amount and what does it cover? If no adjustment is warranted, please explain. Please review the consumer's complaint below, respond to the consumer (by email only), and the CPUC with a complete resolution.

707473	INFORMAL COMPLAINT	IN FAVOR OF UTILITY	11/26/2025	3/16/2026	MUL39	Pacific Gas & Electric Company	Public Purpose Programs	Net Energy Metering (NEM)	High Bill	Meter Inaccuracy/Reading Issues	Residence	NULL	Utility Response: Assigned to Lynn Flavin Utility Resolution: UTILITY RESOLVED
707473	INFORMAL COMPLAINT	IN FAVOR OF UTILITY	11/26/2025	3/16/2026	MUL39	Pacific Gas & Electric Company	Public Purpose Programs	Net Energy Metering (NEM)	High Bill	Meter Inaccuracy/Reading Issues	Residence	NULL	Utility Response: Assigned to Lynn Flavin Utility Resolution: UTILITY RESOLVED
707473	INFORMAL COMPLAINT	IN FAVOR OF UTILITY	11/26/2025	3/16/2026	MUL39	Pacific Gas & Electric Company	Public Purpose Programs	Net Energy Metering (NEM)	High Bill	Meter Inaccuracy/Reading Issues	Residence	NULL	Sent to CAB Inbox on 12/08/25: From: Andrea Snyder <abslade85@gmail.com> Sent: Monday, December 8, 2025 12:19 PM To: LVF1@pge.com Cc: Consumer-Affairs <Consumer-Affairs@cpuc.ca.gov> Subject: [EXTERNAL] Re: ATTN PG&E – Meter Failure, Tariff Violation, and Shutoff Threat (Record #2363062506) ACCT-4080611109-8 Consumer has an OPEN case (707473); info added to case CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe. Hello Lynn, Thank you for your reply (attached). Please note your response was sent outside the original thread. For regulatory documentation purposes, all future correspondence must remain in the same chain. Your reply did not address the compliance items outlined in my November 18 notice. For clarity, all outstanding requirements are restated below with additional detail where needed for documentation accuracy: Outstanding Items 1.□Suspend shutoff and collection activity No written confirmation. Rule 17 requires suspension during active dispute (see attached billing). 2.□Confirm investigation remains open – Record #2363062506 3.□Provide DER zero-export anomaly documentation (Rule 21) No logs or reports of anomaly detection nor written statement of lack there of were provided. 4.□Provide tariff compliance acknowledgement No response to obligations under Rules 2, 11, 17, 18, and 21. 5.□PTO Activation Documentation • Cumulative register tied to meter #1008225856 • PTO inspection/approval report 6.□Meter Removal Documentation – Oct 27 • Removal/Install register values for meter #1008225856 and #1011688372
707473	INFORMAL COMPLAINT	IN FAVOR OF UTILITY	11/26/2025	3/16/2026	MUL39	Pacific Gas & Electric Company	Public Purpose Programs	Net Energy Metering (NEM)	High Bill	Meter Inaccuracy/Reading Issues	Residence	NULL	add'l attachment
707473	INFORMAL COMPLAINT	IN FAVOR OF UTILITY	11/26/2025	3/16/2026	MUL39	Pacific Gas & Electric Company	Public Purpose Programs	Net Energy Metering (NEM)	High Bill	Meter Inaccuracy/Reading Issues	Residence	NULL	Sent an email to confirm the correct date for the meter test: Ms. Flavin I received the response for the above consumer. I need to confirm if the meter was tested on October 27, 2025, or should it read November 27, 2025. Please confirm the correct testing date. Thank you

Exhibit G: Exhibit G PG&E Telemetry

Customer-Owned Telemetry (COT) Procedure

Customer-Owned Telemetry (COT) Procedure

SUMMARY

As required by California Public Utilities Commission (CPUC) Resolution E-5038, "Approval, with Modifications, of Rule 21 Telemetry Requirements Proposed in Compliance with Decision 19-03-013," Ordering Paragraph 2, PG&E approves the use of customer-owned telemetry (COT) to support distribution-connected generating facilities' telemetry requirements, effective October 4, 2021.

Generating facilities can purchase COT from certified-interoperable vendors. These vendors are compliant with the Institute of Electrical and Electronics Engineers (IEEE) 2030.5, "Standard for Smart Energy Profile Application Protocol," and Common Smart Inverter Profile (CSIP) implementation, as specified in Electric Rule 21, "Generating Facility Interconnections."

Certified-interoperable vendors' COT devices or aggregator connections have also been tested to be compatible within PG&E's IEEE 2030.5 infrastructure and to meet PG&E equipment requirements. See Attachment 1, "Certified-Interoperable Customer-Owned Telemetry Vendors," for the list of certified-interoperable vendors.

Level of Use: Information Use

TARGET AUDIENCE

The target audience is PG&E electric grid interconnection (EGI) interconnection customers (ICs) who use COT that communicates using IEEE 2030.5 protocol to PG&E to fulfill their telemetry requirements. The telemetry requirement is typically for ICs with generation or storage devices with a total aggregate generation of 1 Megawatt (MW) or larger. COT is approved only for distribution-connected ICs with a telemetry requirement and no other protection requirements.

SAFETY

This utility procedure describes administrative tasks that do not expose personnel to any significant hazards.

BEFORE YOU START

NA

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Customer-Owned Telemetry (COT) Procedure

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PROCEDURE STEPS

1 IC Application to Interconnect – YourProjects Application

1.1 The IC APPLIES to interconnect their proposed generation through YourProjects application portal.

1.2 IF the IC has a project interconnecting onto the distribution grid that is 1 megawatt (MW) or greater (according to the system nameplate),

THEN the customer SELECTS one of the following three options:

- Customer-owned telemetry – remote site gateway
- Customer-owned telemetry – aggregator
- PG&E MiniRTU

1.3 PG&E personnel STUDY proposed generation AND PROVIDE a study report to the IC.

1.4 The IC REVIEWS the study report AND REQUESTS an interconnection agreement (IA) from PG&E.

1.5 The EGI contact PERFORMS the following tasks:

1. TENDER IA to the IC.
2. REQUEST a choice in vendor (SEE Attachment 1, "Certified-Interoperable Customer-Owned Telemetry Vendors").
3. TENDER Work Requested by Others (WRO) agreement, based on a $4,000 flat cost for configuring the COT solution.

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1.6 The IC PROCEEDS as follows:

1. CHOOSE a vendor.
2. SIGN the IA.
3. RETURN the IA AND REPLY with their vendor choice to the EGI contact.
4. SIGN AND RETURN the WRO agreement.

1.7 Once the WRO agreement is signed AND payment is received, the EGI contact ASSIGNS an IT project manager for the proposed generation site.

1. The IT project manager ASSISTS with coordinating the configuration of the COT to PG&E's system.

1.8 The IC WORKS with the vendor to install the COT at their site, in accordance with required metering points set in Section 3, "Required Data Points," on Page 4.

1.9 The IT project manager COORDINATES the configuration of the COT onto PG&E's system.

1.10 When all systems are working correctly and other required site work and testing are successfully completed, the EGI contact PROVIDES the Permission to Operate (PTO) to the IC.

2 Metering Configuration

2.1 To uncover masked load and support PG&E distribution control center (DCC) switching operations, sites requiring telemetry (typically 1 MW or larger) must PROVIDE aggregate metering of each distributed energy resource (DER) type (e.g., the sum of all individual solar onsite).

2.2 The following data points are required at each point shown in Figure 1, "Required Site Metering Examples," on Page 4 for the COT solution, depending on installed generation resources:

- **M1:** Site (Point of common coupling measurements).

NOTE

M1 is optional, to provide PG&E additional information OR as monitoring point if there is only one generator fuel type AND no other load onsite.

- **M2:** Photo-voltaic (PV) Solar (aggregate of all PV on site)
- **M3:** Battery Energy Storage System (BESS) (aggregate of all storage onsite)
- **M4:** Fuel Cell (aggregate of all fuel cell generation on site)

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- **M(n):** Any other Generation Type (aggregate of any other generation type not listed above)

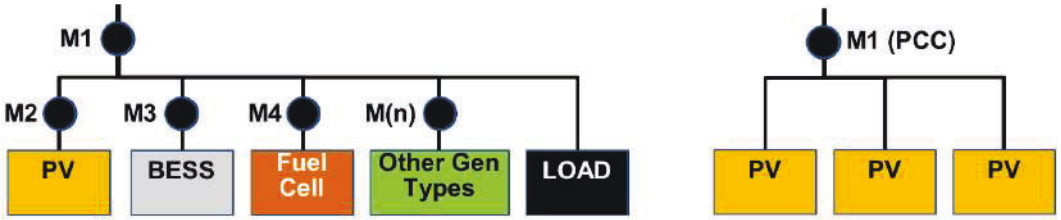

Figure 1 Required Site Metering Examples

3 Required Data Points

3.1 Program Description

1. As a condition to PG&E issuing the final PTO for generator interconnection projects requiring telemetry (typically 1 MW or larger), the IC SUPPORTS PG&E's implementation of COT to provide the following real-time data from the generating facility to PG&E to satisfy Producer's Rule 21 DER telemetry requirements:

   - 3-phase and total watts (W)
   - 3-phase and total volt-amperes-reactive (VAR)
   - 3-phase voltage (V)
   - 3-phase amperes (Amps)

2. TEST monitoring functionality at the generating facility.

   a. COORDINATE the day and time for functionality testing with the IC, to ensure minimal to no impact on existing operations.

3. During the Operational Period, the IC must MAINTAIN the following items:

   a. The connection between the COT and its equipment.

   b. The accurate scaling of watts, VARs, volts, and amps values.

      (1) IF the IC CHANGES Item a or Item b above, and such change results in values that do not accurately reflect local conditions,

      THEN the IC must RESOLVE the issue within 2 weeks of notice or discovery of the issue. Parties AGREE that the IC remains solely responsible for its obligations under these requirements and the Generating Facility Interconnection Agreement (GFIA).

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4. During the Operational Period, the IC must NOTIFY PG&E 10 days in advance of making any changes to the telemetering devices connected to the COT.

   a. EMAIL DERComms@pge.com AND DESCRIBE the proposed change.

5. During the Operational Period, the IC is RESPONSIBLE for connections with the COT equipment.

6. Table 1 below describes the required data points for locations M1, M2, M3, M4, …, M(n), as applicable.

   - M1 is optional, to provide PG&E additional information OR as monitoring point if there is only one generator fuel type AND no other load onsite.

Table 1 Directly Monitored Telemetry Points by Generation Type from the DER Site

Telemetry	Accumulation Behavior Type	Comm-odity Type	Data Qualifier Type	Flow Direction Type	Kind Type	Phase Code	Uom Type	Unit and Precision	Notes
Current A	12	0	0	0	0	128	5	1 A	Always Positive
Current B	12	0	0	0	0	64	5	1 A	Always Positive
Current C	12	0	0	0	0	32	5	1 A	Always Positive
Voltage AN	12	0	0	0	0	129	29	0.1 V	Use for Wye connected meter. Omit for Delta connected meter.
Voltage BN	12	0	0	0	0	65	29	0.1 V	Use for Wye connected meter. Omit for Delta connected meter.
Voltage CN	12	0	0	0	0	33	29	0.1 V	Use for Wye connected meter. Omit for Delta connected meter.
Voltage AB	12	0	0	0	0	132	29	0.1 V	Use for Delta connected meter. Omit for Wye connected meter.
Voltage BC	12	0	0	0	0	66	29	0.1 V	Use for Delta connected meter. Omit for Wye connected meter.
Voltage CA	12	0	0	0	0	40	29	0.1 V	Use for Delta connected meter. Omit for Wye connected meter.
Active Power Total	12	0	0	0	0	224	38	1 W	Negative = Export to Grid
Active Power A	12	0	0	0	0	128	38	1 W	Negative = Export to Grid
Active Power B	12	0	0	0	0	64	38	1 W	Negative = Export to Grid
Active Power C	12	0	0	0	0	32	38	1 W	Negative = Export to Grid
Reactive Power Total	12	0	0	0	0	224	63	1 VAR	Negative = Capacitive Load
Reactive Power A	12	0	0	0	0	128	63	1 VAR	Negative = Capacitive Load
Reactive Power B	12	0	0	0	0	64	63	1 VAR	Negative = Capacitive Load
Reactive Power C	12	0	0	0	0	32	63	1 VAR	Negative = Capacitive Load

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4 COT Specifications

4.1 The following are the **functional** specifications for the COT equipment:

1. COT must be CSIP-certified for IEEE 2030.5.
2. COT must run the latest version of CSIP implementation of 2030.5 (Currently, CSIP 2.1 – March 2018).
3. COT must be able to update the CSIP 2030.5 version, and the version should be verifiable.
4. COT must have proven interoperability with the PG&E CSIP-certified IEEE 2030.5 Head-end system.
5. COT must be able to translate between the CSIP implementation of IEEE 2030.5 and the local device protocol for providing telemetry information.
6. COT must be able to provide metering point values (e.g., W per phase and total, VAR per phase and total, voltage per phase, Amps per phase) at any uniquely identified input with the appropriate CSIP characteristics (RoleFlags, ServiceCategoryKind, AccumulationBehaviour, Commodity, DataQualifier, FlowDirection, PowerOfTenMultiplier, Qualityflags, etc.).
7. COT must monitor status values (e.g., alarm or status points) at any uniquely identified input.
8. COT must post data at a minimum of every 30 seconds, as defined by the posting rate given by the PG&E 2030.5 Headend server.
9. Data must be scaled appropriately based on units of measure (kW, MW, etc.).
10. COT must be able to receive input signals from one or more serial and Internet Protocol (IP) connections.
11. COT must have methods to configure the site and site DER/load identification information.
12. COT must have methods to configure data values as required for each measurement location within a site.
13. COT must have methods to configure protocol parameters, as required.
14. COT must have methods to configure security parameters, as required, including user access management.
15. COT must have methods to configure communication and network parameters, as required.

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16. COT must have methods to configure alarm parameters, as required.

17. COT must provide continuous monitoring of connections to local DER or metering interfaces.

18. The device must automatically restart to full functionality after power is restored following the complete loss of power to the COT equipment.

4.2 The following are the **non-functional** specifications for the COT equipment:

1. Gateway should be an operating system (OS)-embedded type of device. Currently, PG&E does not accept Windows 10 Enterprise operating system for a Gateway. The vendor must indicate what security certification, such as ISO/IEC 15408 Common Criteria (CC) and Evaluation Assurance Level (EAL), the OS has achieved from an external-auditing organization.

2. Minimum operating temperature range: -20° C to +70° C.

   a. Preferred operating temperature range: -40° C to + 85° C.

3. Gateway is capable of being installed inside an outdoor cabinet.

4. COT must meet all IEEE 2030.5 mandatory requirements described in the standard and must follow the IEEE 2030.5 Implementation Guide for the Common Smart Inverter Profile (CSIP 2.1), acting as a DER Client or Aggregator when communicating with the PG&E DER Headend server using CSIP IEEE 2030.5.

5. COT must initiate all communications with the PG&E DER Headend Server according to polling and posting intervals provided by the server, to ensure the Gateway has up-to-date settings and PG&E understands the operational state of the Gateway.

6. The default posting rate must be every 30 seconds and must be configurable.

7. Transport Layer Security (TLS) must be used for all Hypertext Transfer Protocol Secure (HTTPS) transactions, and the Gateway must support a cipher suite that is compliant with TLS 1.2 or above.

   a. The Gateway provider and PG&E's head-end service provider must mutually AGREE on the specific cipher suite.

8. A valid certificate must be used in IEEE 2030.5 TLS transactions. The COT must have a "SunSpec PKI" issued device certificate and store key files using secure methods.

9. COT must perform mutual authentication (Two-Way Authentication) during the TLS handshake by exchanging and authenticating with the DER Headend Server's certificate. The DER Headend server hashes the COT certificate and validates it with the pre-registered SFDI/LFDI of the COT.

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10. COT must provide a stable communication path via public internet to communicate with PG&E DER Headend Servers.

11. COT must support access control functions, including Gateway applications checking the Personal Identification Number (PIN) code from the registration message.

12. COT must support the following methods to get the PG&E IEEE 2030.5 DER Headend Server's "DeviceCapability" resource:

    a. Out-of-Band Discovery: Gateway can be provisioned with all the DER Headend information by an out-of-band method.

    b. Unicast-DNS and DNS-SD: Gateway is provisioned with the Domain Name System (DNS) name of the PG&E Headend server. The Gateway must perform name resolution using DNS and using DNS based Service Discovery (DNS-SD) to get the PG&E DER Headend Server IP address and port, scheme (HTTPS), and the path to the "DeviceCapability" resource.

13. Once the COT gets its EndDevice instance, it finds its group assignments by following the "FunctionSetAssignmentListLink." The COT periodically polls these resources at a rate specified by the DERProgramList:pollRate setting.

14. COT must support operating with no Function Set Assignment for telemetry-only installations.

15. The PG&E DER Headend server uses the "Time" function set (IEEE 2030.5) to distribute the current time to the Gateway. The Gateway must update the local time of the device to this time.

16. Communication performance requirements for the interfaces to the DER Headend Server are listed below. These requirements do not constrain or define the performance of various communication systems.

    a. Availability of Communication: Must be active and responsive whenever the end device is operating and in a continuous operating region or mandatory operating region.

    b. Reporting Telemetry Data: Post data every 30 seconds. This is based on the default posting interval from the PG&E DER Headend Server.

    c. Reporting Status Information: <=10 seconds. This is based on the maximum amount of time to report status information after receiving status information from an end device.

    d. Reporting Alarm: <=10 seconds. This is based on the maximum amount of time to report alarms after detecting and/or receiving alarms from an end device.

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17. COT must have sufficient public documentation regarding the following:

    a. System Installation Guide

    b. System Administrator Guide

    c. User (Operator) Guide

    d. Functional Specifications and Related Technical Specifications

    e. System Configuration Hardening Guide

5 Cybersecurity Requirements

5.1 PG&E PROVIDES network access to ICs to supply power and related telemetry data originating from an IC's DER system.

1. Access is governed by the security requirements defined in this procedure.

2. IF the IC violates any terms of this agreement, as described in Subsection 5.2 below, THEN PG&E may REVOKE access.

5.2 Any IC connecting to PG&E networks must COMPLY with the security requirements described in this procedure to ensure the confidentiality, integrity, and availability of PG&E networks, systems, and data.

1. General Information

    a. Certified-interoperable gateway vendors must be ABLE to communicate with PG&E's IEEE 2030.5 system using TLS 1.2 or above.

        (1) The Gateway vendor and PG&E's head-end service provider must mutually AGREE on the specific cipher suite.

    b. The IC connecting to PG&E networks and systems must FOLLOW security principles and guidance, based on the then-current National Institute of Standards and Technology (NIST) Cybersecurity Framework (CSF) framework; currently, NIST 800 53 r4 OR similar security frameworks.

2. Identity and Access Management

    a. The IC must ENSURE that individuals operating the DER or accessing assets connected to the PG&E network are properly authenticated and have documented roles and responsibilities governing their level of access.

    b. All IC devices accessing the PG&E networks and systems must have valid credentials identifying the asset.

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c. ENSURE that all assets and devices are physically protected to prevent unauthorized access and use.

3. Network and Asset Protection

a. The IC DER systems or Local Area Networks (LANs) connecting to the PG&E IEEE 2030.5 systems must have adequate technical controls (perimeter firewalls, anti-virus protection, etc.).

b. The IC must SAFEGUARD their internal networks (logically and physically) to protect the equipment and systems from unauthorized access and manipulation.

4. Cyber Event Detection

a. PG&E must EMPLOY tools and techniques to detect and remediate cyber risks.

(1) The IC AGREES that when a cyber event is detected, PG&E must PERFORM problem analysis including monitoring, scanning, and auditing of PG&E networks (and traffic to such PG&E networks).

(2) PG&E must COORDINATE such problem analysis with the IC in advance, initiating from PG&E sites or the IC site with the agreement of the IC.

(3) The IC is responsible for any tools and techniques to DETECT AND REMEDIATE cyber risks within their networks or connections AND PERFORMS their own analysis.

(4) The IC can REQUEST reporting or results of investigations or events.

b. The IC must PROVIDE, upon PG&E request, systems log and audit trails in support of PG&E cyber event detection and/or cyber event analysis or forensic analysis.

(1) PG&E can REQUEST additional data to support the analysis of IC infrastructure connections to PG&E networks to confirm that the connection is authorized, and that the IC has implemented cyber safeguards and best practices, including implementation of appropriate firewall, patch, and anti-virus measures.

(2) The IC may also REQUEST that PG&E provide systems logs and audit trails in support of PG&E cyber event detection and/or cyber event analysis or forensic analysis.

a. PG&E LIMITS the scope of their monitoring, scanning, and auditing activities to ensure compliance with these requirements AND COORDINATES with designated members of the IC information security staff in advance.

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(1) The IC CONSENTS to such monitoring, scanning, and auditing.

(2) PG&E KEEPS in strict confidence any proprietary or other information of the IC obtained through monitoring, scanning, and auditing.

(3) PG&E DOES NOT DISCLOSE this information to third parties, AND USES it only for the purposes set forth in this Section 5.2.4.c.

5. Cyber Event Response

a. The IC must HAVE a documented and tested Cyber Incident Response Plan (IRP) or a documented process, so that in the event of a confirmed cyber event the IC can notify PG&E and provide information and the scope of exposure.

(1) PG&E must HAVE a similar plan AND/OR process to notify the IC and provide information on the scope of exposure, extent of conditions, etc.

b. The IC is RESPONSIBLE for all network activities that originate from its facilities, systems, or networks that pass into PG&E networks.

(1) In case of a cyber event, PG&E may REQUEST additional logical or administrative controls be deployed as precautionary and risk mitigation measures.

c. Upon completion of a cyber event investigation and indication of criminal activity, PG&E in conjunction with the IC, must PROVIDE evidence to the appropriate law enforcement or regulatory agencies.

6 COT Maintenance Specifications

6.1 The customer or their contracted vendor has the following responsibilities:

1. MAINTAIN customer-owned equipment in good working order.

2. MANAGE all firmware and security patching of customer-sited telemetry equipment.

3. REPAIR OR REPLACE malfunctioning equipment within 30 days. Security-related patching may be required in a shorter timeframe.

6.2 Gateway must have an encrypted interface for remote management to upgrade software/firmware, install security patches, and reboot device remotely.

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7 Cellular Signal Strength

7.1 To ensure PG&E is receiving quality data from the site, VERIFY the cellular signal strength is in the required range for the program.

7.2 IF the COT solution is using a cellular connection to the internet,
THEN:

1. PG&E REQUIRES that Reference Signal Received Quality (RSRQ) values be greater than -14 dB with corresponding Reference Signal Received Power (RSRP) values, as listed in Table 2 below. (PG&E USES a tool from Berkeley Varitronics Systems to measure cellular signal strength.)

2. DO NOT INSTALL anything less than RSRQ values of -14 dB.

   a. NOTE the negative signs; "greater than" symbol in relative terms means a smaller number.

Table 2. Cellular Signal Strength Requirements *

If RSRQ (dB) is:	Then RSRP (dBm) must be:
≥ -9	≥ -105
-10	≥ -104
-11	≥ -103
-12	≥ -102
-13	≥ -91
-14	≥ -87
-15	NA – Do not install
-16	NA – Do not install
-17	NA – Do not install
-18	NA – Do not install
-19	NA – Do not install

8 Frequently Asked Questions

8.1 **Question:** What is the estimated cost of the new COT solution?

Answer: Costs for COT include the following:

- $4,000 for configuring the customer-owned gateway to the PG&E server.
- Any costs that vendors charge for the procurement, installation, and support of the COT solution.

* Using Berkeley Varitronics Systems testing tool

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The goal of the system is to estimate utility-related costs for the new telemetry solution at less than $20,000 for ICs, including PG&E and vendor-related costs. This does not include recurring third-party telecom costs.

8.2 **Question:** What is the best way to power the remote site gateway?

Answer: Power the COT from the utility side of any breaker or disconnect device and not from the DER side. This avoids requiring permission to operate for the DER before configuring and testing the COT with PG&E's network.

END of Instructions

DEFINITIONS

Aggregator: IEEE 2030.5 aggregator server that communicates telemetry data points from one or more customer interconnection sites to PG&E's IEEE 2030.5 server.

Distribution-connected: Connected to PG&E's distribution system, which is the portion of PG&E's power system that is at voltage less than 60 kilovolt (kV).

Point of Common Coupling (PCC): The transfer point for electricity between the electrical conductors of distribution provider and the electrical conductors of producer.

Remote Site Gateway (RSG): IEEE 2030.5 site gateway device that communicates telemetry data points to PG&E's IEEE 2030.5 server.

Utility-related costs: The Smart Inverter Working Group One Final Report defines utility-related costs as "charges for metering equipment (meters, circuit transformers [CT] and potential transformers [PT]), communications/telemetry equipment (Remote Terminal Unit [RTU] and a modem), and charges for labor, taxes, and maintenance."

IMPLEMENTATION RESPONSIBILITIES

Manager for Electric Grid Interconnection (EGI) retail is responsible for the front-end processes.

The Advanced Distribution Management System (ADMS) Business Support team is responsible for commissioning systems.

The Distributed Energy Resources Management Systems (DERMS) support group is responsible for overall system support, and for evaluating new COT that are not included in the certified-interoperable vendor list in Attachment 1.

GOVERNING DOCUMENT

NA

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Customer-Owned Telemetry (COT) Procedure

COMPLIANCE REQUIREMENT / REGULATORY COMMITMENT

Information and Records Management:

PG&E data, information, and records are company assets that must be traceable, verifiable, accurate, and complete and can be retrieved upon request. Functional areas are responsible for complying with the Information & Records Governance Policy, standards, and the Information and Records Retention Schedule. Refer to GOV-7101S, "Enterprise Records and Information Management Standard," for further guidance or contact Information & Records Governance at Information&RecordsGovernance@pge.com.

REFERENCE DOCUMENTS

Developmental References:

NA

Supplemental References:

Berkeley Varitronics Systems

California Public Utilities Commission (CPUC) Resolution E-5038, "Approval, with Modifications, of Rule 21 Telemetry Requirements Proposed in Compliance with Decision 19-03-013"

Common Smart Inverter Profile (CSIP) – IEEE 2030.5 Implementation Guide for Smart Inverters (published by SunSpec Alliance)

Electric Rule 21, "Generating Facility Interconnections"

YourProjects Application Portal

APPENDICES

NA

ATTACHMENTS

Attachment 1, "Certified-Interoperable Customer-Owned Telemetry Vendors"

DOCUMENT RECISION

This procedure supersedes Utility Procedure TD-2306P-01, "Customer-Owned Telemetry (COT) Procedure," Rev. 0, dated 06/13/2022.

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Customer-Owned Telemetry (COT) Procedure

DOCUMENT APPROVER

Alex Collins, Manager, DERMS Execution and Operations

Rene Aguirre, Senior Manager, ADMS Business Support

Leesa Miner, Manager, Electric Grid Interconnection Retail

DOCUMENT OWNER

Alex Collins, Manager, DERMS Execution and Operation

Denise Zack, Business Process Analyst, Electric Grid Interconnection Tools and Operational Support

DOCUMENT CONTACT

Denise Zack, Business Process Analyst, Electric Grid Interconnection Tools and Operational Support

Rustom Dessai, Principal Grid Innovation Engineer, Clean Energy Technology Platforms

REVISION NOTES

Where?	What Changed?
Throughout	Spelled out acronyms and provided complete references; updated links. Changed “approved vendors” to “certified-interoperable vendors.”
Subsection 3.1	Removed old Table 2 (consolidated redundant tables for data points).
Section 4	Consolidated Sections 4 and 5 under one title – “Section 4. COT Specifications.” Subsection 4.1 provides functional specifications, Subsection 4.2 – non-functional.
Subsection 4.1	Removed old Item 6 that mentioned Attachment 2 (Gateway must be able to provide the LogEvents). Removed old Item 11 (COT must have the ability to determine the average, minimum, and maximum from a set of values).
Subsection 4.2	Updated Item 7 (changed protocol to TLS 1.2 and added requirement for Gateway vendor and PG&E head-end service provider to mutually agree on cipher suite.). Updated Item 10 (removed requirement for Static IPs). Updated Items 16.c and 16.d – changed timing to <= 10 seconds.
Step 5.2.1.a	Specified TLS version number of 1.2 or above; added requirement for Gateway vendor and PG&E head-end service provider to mutually agree on cipher suite.

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Customer-Owned Telemetry (COT) Procedure

Where?	What Changed?
Subsection 7.2	Figure 3 became Table 2.
Definitions	Added “Aggregator.”
Implementation Responsibilities	Removed an item related to SCADA supervisor. Changed responsibility for overall system support from EGI senior manager to DERMS support group. Added ADMS business support item for commissioning systems.
Compliance Requirement / Regulatory Commitment	Provided updated statement for Information and Records Management.
Reference Documents	Listed references mentioned within the procedure.
Attachments	Removed Attachment 2.
Document Approver, Document Owner, Document Contact	Updated names and titles.

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Exhibit H: September 3 2025 Enphase LM Recording

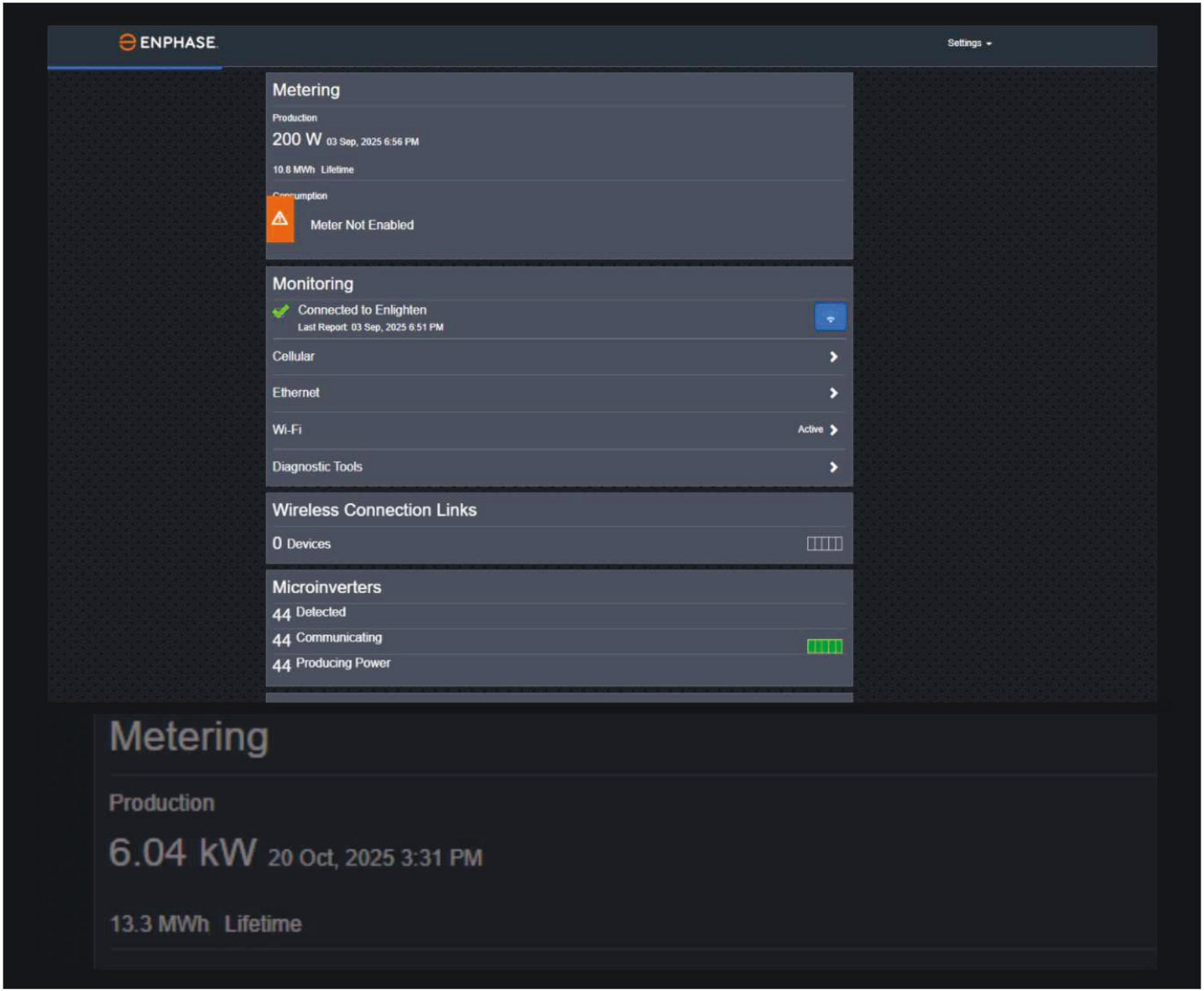
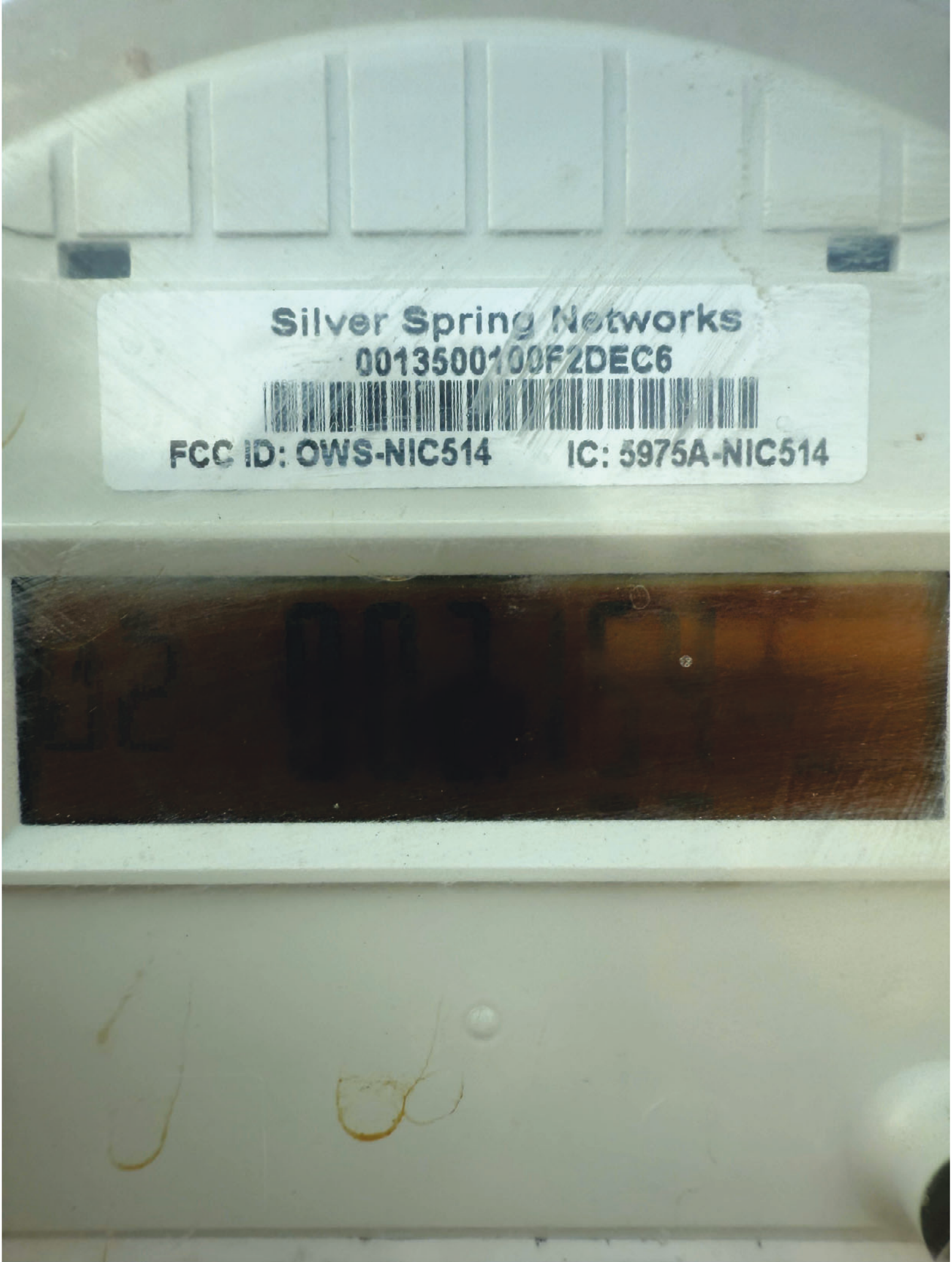

ENPHASE.
Settings
Metering
Production
200 W 03 Sep, 2025 6:56 PM
10.8 MWh Lifetime
Meter Not Enabled
Monitoring
Connected to Enlighten
Last Report: 03 Sep, 2025 6:51 PM
Cellular
Ethernet
Wi-Fi
Active
Diagnostic Tools
Wireless Connection Links
0 Devices
Microinverters
44 Detected
44 Communicating
44 Producing Power
Metering
Production
6.04 kW 20 Oct, 2025 3:31 PM
13.3 MWh Lifetime

Exhibit I: Meter Photos September 3 2025


Silver Spring Networks
00135001 00F2DEC6
FCC ID: OWS-NIC514
IC: 5975A-NIC514

Silver Spring Networks
0013500100F2DEC6
FCC ID: OWS-NIC514 IC: 5975A-NIC514
Type FOCUS AXR-SD
FORM 2S CL200 240V 3W 60Hz TA=30 Kh 7.2
NXL10082258561010
1008225856
AR 60 min.
DS
PG&E
SmartMeter
108 577 838
-415
1010
Landis+Gyr
PATENT PENDING
AC
PHO
OUTPU
NOMINAL
SOLA
EQU
RAPI
TURN RAPID
THE "OFF" PO
PV SYS
SHOCK HA

Exhibit J: Primary Email Records up to May 5 2026

Gmail

Andrea Snyder <abslade85@gmail.com>

ATTN PG&E – Meter Failure, Tariff Violation, and Shutoff Threat (Record #2363062506) ACCT- 4080611109-8

3 messages

Andrea Snyder <abslade85@gmail.com> Tue, Nov 18, 2025 at 9:05 AM
To: PG&E Customer Support <customersupport@pge.com>
Cc: consumer-affairs@cpuc.ca.gov

Hello PG&E,

I am escalating this matter formally. This email serves as a dispute notice and a request for an immediate hold on any service interruption associated with my account.

On October 20, 2025, I contacted PG&E alongside a representative from my solar company. The issue was recorded under PG&E Record #2363062506, establishing a verified three-month investigation period and preserving my right to submit a CPUC complaint if unresolved. Despite this, I continue to receive threats of shutoff, which is unacceptable and unsafe. I have children in my home, and this matter remains under active dispute.

Summary of Facts

1. No balance is owed. The billing discrepancy originates from PG&E's equipment failure.
2. Meter failure caused water intrusion. PG&E removed the defective meter. During his inspection, the PG&E technician noted moisture inside the breaker box following recent rain; this was also documented by me.
3. Evidence preserved. I documented the meter condition with a timestamped photo prior to removal. It will be produced if required in a regulatory proceeding.
4. Verified solar production. My production data confirms the discrepancy did not originate from my solar equipment, but from breaker damage. That breaker damage resulted from downstream water intrusion originating at the meter enclosure. Water was present inside the breaker box during PG&E's inspection and did not reoccur after the meter was replaced.
5. Independent moisture verification. When the breaker damage was repaired by a solar technician (during and after rainfall) I confirmed and documented that no moisture was present. This demonstrates that the water intrusion was internal to the prior PG&E meter and that the problem ceased once the meter was replaced.
6. Liability. PG&E's equipment failure caused inaccurate billing, meter malfunction, water intrusion, and downstream electrical damage.
7. Timeline. The meter display was fully functional one year ago. The sudden display failure, combined with sustained mid-day zero-export readings over an extended period, indicates internal meter deterioration or water intrusion.

Tariff-Based Duty to Investigate

This communication serves as formal notice of a billing discrepancy under PG&E Electric Rule 17.

Because this constitutes a disputed bill, PG&E is required to:

- suspend any shutoff or collection activity;
- investigate the metering irregularity;
- provide written test results; and
- correct billing under Rules 17 and 18.

A meter with a failed display is a functional anomaly under Rules 17 and 21.
Even if the accuracy coil later tests within limits, a non-functional display eliminates customer ability to verify usage and triggers PG&E's duty to investigate, correct billing, and suspend any disconnection activity pursuant to Rules 11, 17, 18, and 21.

Display failure alone constitutes a metering anomaly under PG&E's tariffs.

Additionally, the pattern of continuous import readings with zero mid-day export constitutes a Rule 21 DER anomaly requiring investigation and reporting. PG&E did not fulfill this duty.

Requested Actions

Please provide:

1. Written confirmation that all billing, collection, and shutoff actions are suspended pending final resolution.
2. Written acknowledgment that the case remains open under Record #2363062506.
3. A complete written accounting of PG&E's actions, or inaction, throughout the entire period of the sustained DER anomaly, including whether PG&E did or did not detect six months of zero-export readings and whether any Rule 21 anomaly response was initiated during that time.
4. A written explanation of PG&E's fulfillment (or lack thereof) of its Rule 17 and Rule 18 duties to investigate metering irregularities during the period the anomaly was occurring, not solely after I contacted PG&E and a technician removed the meter for display failure.
5. A written explanation of PG&E's liability for equipment failure, water intrusion, meter malfunction, and resulting downstream electrical damage.

If these matters are not addressed promptly, I will submit a formal complaint to the California Public Utilities Commission, including supporting documentation demonstrating PG&E's violation of Electric Rules 2, 11, 17, 18, and 21.

CC Notice

The CPUC Consumer Affairs Branch has been copied on this communication for transparency only. I have not filed a formal CPUC complaint at this time, as I am allowing PG&E the opportunity to resolve this matter in good faith and in accordance with its tariff obligations. Should PG&E fail to do so, I will proceed with a formal filing.

Andrea Slade
10245 State Highway 99W
Acct: 4080611109-8

Andrea Snyder <abslade85@gmail.com> Wed, Nov 26, 2025 at 11:15 AM
To: PG&E Customer Support <customersupport@pge.com>
Cc: consumer-affairs@cpuc.ca.gov

Supervisor Raymond,

I received your phone call, addressing none of the concerns listed in my email. All correspondence PG&E has to provide can be provided in writing with the appropriate cc. I will not accept any phone calls from PG&E.

This matter is under active dispute, and disconnection of service while a billing dispute is acknowledged is prohibited.

Andrea Slade
[Quoted text hidden]

Andrea Snyder <abslade85@gmail.com> Mon, Dec 8, 2025 at 12:18 PM
To: LVF1@pge.com
Cc: consumer-affairs@cpuc.ca.gov

Hello Lynn,

Thank you for your reply (attached). Please note your response was sent outside the original thread. For regulatory documentation purposes, all future correspondence must remain in the same chain.

Your reply did not address the compliance items outlined in my November 18 notice. For clarity, all outstanding requirements are restated below with additional detail where needed for documentation accuracy:

Outstanding Items

1. **Suspend shutoff and collection activity**
   No written confirmation. Rule 17 requires suspension during active dispute (see attached billing).
2. **Confirm investigation remains open – Record #2363062506**
3. **Provide DER zero-export anomaly documentation (Rule 21)**
   No logs or reports of anomaly detection nor written statement of lack there of were provided.
4. **Provide tariff compliance acknowledgement**
   No response to obligations under Rules 2, 11, 17, 18, and 21.
5. **PTO Activation Documentation**
   - Cumulative register tied to meter #1008225856
   - PTO inspection/approval report
6. **Meter Removal Documentation – Oct 27**
   - Removal/Install register values for meter #1008225856 and #1011688372
   - Condition report
   - Technician statements
   - Chain-of-custody record
7. **Interval and lifetime meter data export**
   Full usage and register history for the defective meter from installation through Oct 27, including **all data prior to PTO** activation.

If any part of the request can not be provided please confirm that in writing.

Required Documentation Status

Item	Required	Provided
Shutoff/collection hold confirmation	Yes	No
Case status confirmation	Yes	No
Tariff compliance explanation	Yes	No
Meter test documentation	Yes	No
DER anomaly documentation (Rule 21)	Yes	No
Interval/lifetime data export	Yes	No
PTO and removal register readings	Yes	No

Note: I have previously requested that PG&E limit communications related to this dispute in writing so that documentation can be preserved. However, I continue to receive communication and collection threats via phone call, which should be suspended while this dispute is active.

Deadline

Please provide all of the above within seven (7) business days of this email.

CPUC Consumer Affairs is copied for oversight of the dispute status.

Thank you,

Andrea Slade

[Quoted text hidden]

---------- Forwarded message ----------
From: "Flavin, Lynn" <LVF1@pge.com>
To: "abslade85@gmail.com" <abslade85@gmail.com>
Cc:
Bcc:
Date: Wed, 3 Dec 2025 22:37:05 +0000
Subject: PG&E - CPUC Complaint 707473 - Billing Dispute/Meter Failure/Water intrusion

Classification: Internal

Hello Andrea,

Thank you for speaking with me today. This email is a recap of our conversation in response to your CPUC complaint. As I explained I reached out to the Meter Technician who performed the meter test on 10/27/25 for further details.

Our Meter Tech confirmed the meter passed the accuracy test and was changed due to the degraded meter display. In addition, he noted that the meter had signs of water/moisture damage and that your electrical panel had water intrusion, and that he found that the solar breaker was bad.

The Meter Tech's assessment confirmed the water intrusion issue originated on customer's side due to poor maintenance of your electric panel. This is not due to any PG&E equipment failure, including the meter. The meter was found intact, seated, and sealed with a padlock and blue PG&E seal and ring. This covers and seals the small gap around the socket.

The solar breaker equipment failure is customer owned equipment. We can't be sure of the reason it failed but common issues are:

- Bad weather sealing on weather head, riser conduit, or dead front panels. Overall poor customer owned equipment maintenance.
- Another common reason for the breaker to fail is due to poor installation. Often electricians or solar contractors don't seat or size the overcurrent breaker correctly causing this type of damage.

The dim illegible display is the only reason the meter failed the test. Dim illegible displays are common, over time they can degrade, when they do we change the meter. The meter was originally installed February 19, 2011. Regardless of the degraded display, the meter continued to function appropriately and accurately.

He said you were present for the test, and he spoke with you about what he found and needed maintenance. Your electrician or your solar company should inspect and repair damage. He mentioned you should continually check and maintain your panel in the future to avoid similar issues.

He mentioned that “the weather head” was the possible point of water intrusion. It’s hard to tell when it is not actively raining. Given the moisture was high in the panel, it was an educated guess.

After I reached out to him for further details, he reinspected the old meter which he is holding in the shop. There is no evidence of the moisture entering from the front of the meter. The plastic cover is intact. Any moisture entering the meter or breakers would have entered through your electric panel.

In conclusion, the meter was found to be operating accurately and in compliance with the CPUC rules for meter performance. As a result, we are able to verify that the energy usage you have been billed for is accurate.

I have provided our findings and position above to the CPUC for their review.

Respectfully,

Lynn Flavin | PG&E

Customer Relations and Executive Escalations

Cell: (408) 826-1533

Pacific Gas and Electric Company

We respect your privacy. Please review our privacy policy for more information. https://www.pge.com/en/about/company/privacy/customer/index.page

You can read about PG&E’s data privacy practices at PGE.com/privacy.

2 attachments

PG&E - CPUC Complaint 707473 - Billing Dispute_Meter Failure_Water intrusion.eml
30K

12022025_PGE.pdf
265K

Gmail

Andrea Snyder <abslade85@gmail.com>

Request for more informationRE: [EXTERNAL] ATTN PG&E – Meter Failure, Tariff Violation, and Shutoff Threat (Record #2363062506) ACCT- 4080611109-8

2 messages

Consumer-Affairs <Consumer-Affairs@cpuc.ca.gov> Thu, Nov 20, 2025 at 3:48 PM
To: Andrea Snyder <abslade85@gmail.com>

Hello,

The Consumer Affairs Branch (CAB) of the California Public Utilities Commission is in receipt of your email requesting assistance. However, more information is required.

Should you desire the option, please provide the following information to move forward with your **INFORMAL** complaint/request.

First and Last Name:

Service Address (+ Zip Code):

Phone number:

Email address:

What Utility do you have service with:

The nature of your concerns/complaint:

Provide this information by replying to this email, or using one of the following methods:

CONTACT INFORMATION FOR THE CONSUMER AFFAIRS BRANCH

Web: www.cpuc.ca.gov/consumer-support/file-a-complaint

Email: consumer-affairs@cpuc.ca.gov

Mail: 505 Van Ness Avenue, San Francisco, CA 91402

Sincerely,

Consumer Affairs Branch

1-800-649-7570

From: Andrea Snyder <abslade85@gmail.com>
Sent: Tuesday, November 18, 2025 9:06 AM
To: PG&E Customer Support <customersupport@pge.com>
Cc: Consumer-Affairs <Consumer-Affairs@cpuc.ca.gov>
Subject: [EXTERNAL] ATTN PG&E – Meter Failure, Tariff Violation, and Shutoff Threat (Record #2363062506) ACCT-4080611109-8

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello PG&E,

I am escalating this matter formally. This email serves as a dispute notice and a request for an immediate hold on any service interruption associated with my account.

On October 20, 2025, I contacted PG&E alongside a representative from my solar company. The issue was recorded under PG&E Record #2363062506, establishing a verified three-month investigation period and preserving my right to submit a CPUC complaint if unresolved. Despite this, I continue to receive threats of shutoff, which is unacceptable and unsafe. I have children in my home, and this matter remains under active dispute.

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1. No balance is owed. The billing discrepancy originates from PG&E's equipment failure.
2. Meter failure caused water intrusion. PG&E removed the defective meter. During his inspection, the PG&E technician noted moisture inside the breaker box following recent rain; this was also documented by me.
3. Evidence preserved. I documented the meter condition with a timestamped photo prior to removal. It will be produced if required in a regulatory proceeding.
4. Verified solar production. My production data confirms the discrepancy did not originate from my solar equipment, but from breaker damage. That breaker damage resulted from downstream water intrusion originating at the meter enclosure. Water was present inside the breaker box during PG&E's inspection and did not reoccur after the meter was replaced.
5. Independent moisture verification. When the breaker damage was repaired by a solar technician (during and after rainfall) I confirmed and documented that no moisture was present. This demonstrates that the water intrusion was internal to the prior PG&E meter and that the problem ceased once the meter was replaced.
6. Liability. PG&E's equipment failure caused inaccurate billing, meter malfunction, water intrusion, and downstream electrical damage.
7. Timeline. The meter display was fully functional one year ago. The sudden display failure, combined with sustained mid-day zero-export readings over an extended period, indicates internal meter deterioration or water intrusion.

Tariff-Based Duty to Investigate

This communication serves as formal notice of a billing discrepancy under PG&E Electric Rule 17.

Because this constitutes a disputed bill, PG&E is required to:

- suspend any shutoff or collection activity;

- investigate the metering irregularity;
- provide written test results; and
- correct billing under Rules 17 and 18.

A meter with a failed display is a functional anomaly under Rules 17 and 21.
Even if the accuracy coil later tests within limits, a non-functional display eliminates customer ability to verify usage and triggers PG&E's duty to investigate, correct billing, and suspend any disconnection activity pursuant to Rules 11, 17, 18, and 21.

Display failure alone constitutes a metering anomaly under PG&E's tariffs.

Additionally, the pattern of continuous import readings with zero mid-day export constitutes a Rule 21 DER anomaly requiring investigation and reporting. PG&E did not fulfill this duty.

Requested Actions

Please provide:

1. Written confirmation that all billing, collection, and shutoff actions are suspended pending final resolution.
2. Written acknowledgment that the case remains open under Record #2363062506.
3. A complete written accounting of PG&E's actions, or inaction, throughout the entire period of the sustained DER anomaly, including whether PG&E did or did not detect six months of zero-export readings and whether any Rule 21 anomaly response was initiated during that time.
4. A written explanation of PG&E's fulfillment (or lack thereof) of its Rule 17 and Rule 18 duties to investigate metering irregularities during the period the anomaly was occurring, not solely after I contacted PG&E and a technician removed the meter for display failure.
5. A written explanation of PG&E's liability for equipment failure, water intrusion, meter malfunction, and resulting downstream electrical damage.

If these matters are not addressed promptly, I will submit a formal complaint to the California Public Utilities Commission, including supporting documentation demonstrating PG&E's violation of Electric Rules 2, 11, 17, 18, and 21.

CC Notice

The CPUC Consumer Affairs Branch has been copied on this communication for transparency only. I have not filed a formal CPUC complaint at this time, as I am allowing PG&E the opportunity to resolve this matter in good faith and in accordance with its tariff obligations. Should PG&E fail to do so, I will proceed with a formal filing.

Andrea Slade
10245 State Highway 99W
Acct: 4080611109-8

Andrea Snyder <abslade85@gmail.com> Mon, Dec 8, 2025 at 12:26 PM
To: Consumer-Affairs <Consumer-Affairs@cpuc.ca.gov>

Hello,

Yes I would like to move forward with a formal complaint.

First and Last Name: Andrea Slade

Service Address (+ Zip Code): 10245 State HWY 99W Red Bluff, CA 96080

Phone number: (530) 736-6620

Email address: abslade85@gmail.com

What Utility do you have service with: PG&E

The nature of your concerns/complaint: This is a Rule 17 billing dispute involving a PG&E meter failure that resulted in inaccurate billing and a prolonged zero-export anomaly. PG&E removed the defective meter but has not provided required testing documentation, register history, or interval data needed to verify billing accuracy. PG&E has also continued shutoff threats during the dispute. I am currently awaiting PG&E's response to a documentation request.

Thank you,

Andrea Slade

[Quoted text hidden]

Gmail

Andrea Snyder <abslade85@gmail.com>

Notice Regarding CAB Closure Letter and Service Continuity

5 messages

Andrea Snyder <abslade85@gmail.com> Mon, Dec 15, 2025 at 11:08 AM
To: Consumer-Affairs <consumer-affairs@cpuc.ca.gov>, LVF1@pge.com
Cc: public.advisor@cpuc.ca.gov

Dear CAB Staff and PG&E Customer Relations,

I am writing to place on record my objection to the Consumer Affairs Branch's December 8, 2025 closure letter (attached), which materially mischaracterizes the scope of my dispute and includes an adjudicatory conclusion that exceeds CAB's authority in the context of an informal complaint process.

My November 18, 2025 **escalation email** (CCed to CAB) raised multiple issues beyond a "suspected defective meter," including equipment-related water intrusion, downstream electrical damage, and tariff compliance concerns under Electric Rules 2, 11, 17, 18, and 21. These issues were not addressed in the closure letter, but rather dismissed absent the context of my actual concerns, as the letter appears to rely solely on PG&E's representations without disclosure or independent analysis.

In particular, the statement that "Pacific Gas & Electric Company is not in violation of the rules or regulations of the CPUC" constitutes an adjudicatory determination that is not appropriate in an informal CAB review and was issued without an evidentiary record or opportunity for rebuttal.

CAB's closure letter states that I had "already filed a formal complaint with the CPUC" prior to requesting an account hold. This is incorrect. Prior to CAB's December 8, 2025 letter, I had not filed a formal CPUC complaint. On December 8, 2025 I did provide information to CAB in response to CAB's request for intake details for the purpose of initiating a formal complaint, but no formal complaint has been filed, docketed, assigned, or acknowledged by the CPUC to date.

Please clarify the basis for CAB's statement, identify when and how CAB believes a formal complaint was filed, and correct the record accordingly.

Service Continuity During Active Dispute

For avoidance of doubt, I request written confirmation that no service disconnection, shutoff, or collection action will occur while this billing dispute remains open and unresolved by the utility or through a formal CPUC complaint process. I have repeatedly sought confirmation of this status and have not received a clear response.

As PG&E is on notice of an active billing dispute involving metering irregularities and tariff compliance, service interruption during this period would be inconsistent with applicable CPUC rules governing disputed bills. Please confirm the current service status in writing.

For clarity, the information previously requested remains with PG&E, and I have provided the utility an additional opportunity to respond directly. Absent a substantive response, I will proceed independently with a formal CPUC complaint. Any such filing will be pursued through the CPUC's formal complaint process, with full procedural protections, rather than through informal CAB review.

This correspondence serves as formal notice that I do not accept the closure letter as an accurate or binding resolution of the matters raised.

PG&E and CAB: Please confirm receipt of this notice and provide clarification regarding service continuity during the active dispute. In addition, please advise as to the anticipated timeframe for response to the questions raised herein and in my prior correspondence, as applicable to each recipient's respective role.

Andrea Slade
10245 State Highway 99W
Acct: 4080611109-8

***Note:** The CPUC Public Advisor's Office is copied for awareness of the procedural posture as I proceed to a formal complaint.*

On Mon, Dec 8, 2025 at 12:18 PM Andrea Snyder <abslade85@gmail.com> wrote:

Hello Lynn,

Thank you for your reply (attached). Please note your response was sent outside the original thread. For regulatory documentation purposes, all future correspondence must remain in the same chain.

Your reply did not address the compliance items outlined in my November 18 notice. For clarity, all outstanding requirements are restated below with additional detail where needed for documentation accuracy:

Outstanding Items

1. **Suspend shutoff and collection activity**
   No written confirmation. Rule 17 requires suspension during active dispute (see attached billing).
2. **Confirm investigation remains open – Record #2363062506**
3. **Provide DER zero-export anomaly documentation (Rule 21)**
   No logs or reports of anomaly detection nor written statement of lack there of were provided.
4. **Provide tariff compliance acknowledgement**
   No response to obligations under Rules 2, 11, 17, 18, and 21.
5. **PTO Activation Documentation**
   - Cumulative register tied to meter #1008225856
   - PTO inspection/approval report
6. **Meter Removal Documentation – Oct 27**
   - Removal/Install register values for meter #1008225856 and #1011688372
   - Condition report
   - Technician statements
   - Chain-of-custody record
7. **Interval and lifetime meter data export**
   Full usage and register history for the defective meter from installation through Oct 27, including **all data prior to PTO** activation.

If any part of the request can not be provided please confirm that in writing.

Required Documentation Status

Item	Required	Provided
Shutoff/collection hold confirmation	Yes	No
Case status confirmation	Yes	No
Tariff compliance explanation	Yes	No
Meter test documentation	Yes	No

Item	Required	Provided
DER anomaly documentation (Rule 21)	Yes	No
Interval/lifetime data export	Yes	No
PTO and removal register readings	Yes	No

Note: I have previously requested that PG&E limit communications related to this dispute in writing so that documentation can be preserved. However, I continue to receive communication and collection threats via phone call, which should be suspended while this dispute is active.

Deadline

Please provide all of the above within seven (7) business days of this email.

CPUC Consumer Affairs is copied for oversight of the dispute status.

Thank you,

Andrea Slade

On Wed, Nov 26, 2025 at 11:15 AM Andrea Snyder <abslade85@gmail.com> wrote:

> Supervisor Raymond,
>
> I received your phone call, addressing none of the concerns listed in my email. All correspondence PG&E has to provide can be provided in writing with the appropriate cc. I will not accept any phone calls from PG&E.
>
> This matter is under active dispute, and disconnection of service while a billing dispute is acknowledged is prohibited.
>
> *Andrea Slade*
>
> On Tue, Nov 18, 2025 at 9:05 AM Andrea Snyder <abslade85@gmail.com> wrote:
>
> > Hello PG&E,
> >
> > I am escalating this matter formally. This email serves as a dispute notice and a request for an immediate hold on any service interruption associated with my account.
> >
> > On October 20, 2025, I contacted PG&E alongside a representative from my solar company. The issue was recorded under PG&E Record #2363062506, establishing a verified three-month investigation period and preserving my right to submit a CPUC complaint if unresolved. Despite this, I continue to receive threats of shutoff, which is unacceptable and unsafe. I have children in my home, and this matter remains under active dispute.
> >
> > **Summary of Facts**
> >
> > 1. No balance is owed. The billing discrepancy originates from PG&E's equipment failure.
> > 2. Meter failure caused water intrusion. PG&E removed the defective meter. During his inspection, the PG&E technician noted moisture inside the breaker box following recent rain; this was also documented by me.

3. Evidence preserved. I documented the meter condition with a timestamped photo prior to removal. It will be produced if required in a regulatory proceeding.
4. Verified solar production. My production data confirms the discrepancy did not originate from my solar equipment, but from breaker damage. That breaker damage resulted from downstream water intrusion originating at the meter enclosure. Water was present inside the breaker box during PG&E's inspection and did not reoccur after the meter was replaced.
5. Independent moisture verification. When the breaker damage was repaired by a solar technician (during and after rainfall) I confirmed and documented that no moisture was present. This demonstrates that the water intrusion was internal to the prior PG&E meter and that the problem ceased once the meter was replaced.
6. Liability. PG&E's equipment failure caused inaccurate billing, meter malfunction, water intrusion, and downstream electrical damage.
7. Timeline. The meter display was fully functional one year ago. The sudden display failure, combined with sustained mid-day zero-export readings over an extended period, indicates internal meter deterioration or water intrusion.

Tariff-Based Duty to Investigate

This communication serves as formal notice of a billing discrepancy under PG&E Electric Rule 17.

Because this constitutes a disputed bill, PG&E is required to:

- suspend any shutoff or collection activity;
- investigate the metering irregularity;
- provide written test results; and
- correct billing under Rules 17 and 18.

A meter with a failed display is a functional anomaly under Rules 17 and 21.
Even if the accuracy coil later tests within limits, a non-functional display eliminates customer ability to verify usage and triggers PG&E's duty to investigate, correct billing, and suspend any disconnection activity pursuant to Rules 11, 17, 18, and 21.

Display failure alone constitutes a metering anomaly under PG&E's tariffs.

Additionally, the pattern of continuous import readings with zero mid-day export constitutes a Rule 21 DER anomaly requiring investigation and reporting. PG&E did not fulfill this duty.

Requested Actions

Please provide:

1. Written confirmation that all billing, collection, and shutoff actions are suspended pending final resolution.
2. Written acknowledgment that the case remains open under Record #2363062506.
3. A complete written accounting of PG&E's actions, or inaction, throughout the entire period of the sustained DER anomaly, including whether PG&E did or did not detect six months of zero-export readings and whether any Rule 21 anomaly response was initiated during that time.
4. A written explanation of PG&E's fulfillment (or lack thereof) of its Rule 17 and Rule 18 duties to investigate metering irregularities during the period the anomaly was occurring, not solely after I contacted PG&E and a technician removed the meter for display failure.
5. A written explanation of PG&E's liability for equipment failure, water intrusion, meter malfunction, and resulting downstream electrical damage.

If these matters are not addressed promptly, I will submit a formal complaint to the California Public Utilities Commission, including supporting documentation demonstrating PG&E's violation of Electric Rules 2, 11, 17,

18, and 21.

CC Notice

The CPUC Consumer Affairs Branch has been copied on this communication for transparency only. I have not filed a formal CPUC complaint at this time, as I am allowing PG&E the opportunity to resolve this matter in good faith and in accordance with its tariff obligations. Should PG&E fail to do so, I will proceed with a formal filing.

Andrea Slade
10245 State Highway 99W
Acct: 4080611109-8

CAB_Closure Letter_12082025.pdf
891K

Public.advisor <Public.advisor@cpuc.ca.gov> Mon, Dec 15, 2025 at 11:14 AM
To: Andrea Snyder <abslade85@gmail.com>

Dear Andrea Slade,

Thank you for reaching out to the Public Advisor's Office.

There is an informal complaint and formal complaint process. If you wish to contest the results of your informal complaint, then you may file a formal complaint.

You can find more information, including a template with instructions, on Formal complaints by visiting Filing a Formal Complaint. Once submitted, you may contact the Docket Office to find out the status of your formal complaint. The Docket Office can be contacted via phone by 415-703-2121 or email at efile-help@cpuc.ca.gov. For additional information, please visit Guide to Formal Complaints and Alternative Dispute Resolution. Additional resources are available at the Practitioner's Page.

The Formal complaint is assigned to a judge and can take a while to resolve. The Formal complaint is governed by the Rules of Practice and Procedure and is a much more involved process.

Sincerely,

Public Advisor's Office

California Public Utilities Commission

From: Andrea Snyder <abslade85@gmail.com>
Sent: Monday, December 15, 2025 11:09 AM
To: Consumer-Affairs <Consumer-Affairs@cpuc.ca.gov>; LVF1@pge.com

STATE OF CALIFORNIA

GAVIN NEWSOM, Governor

PUBLIC UTILITIES COMMISSION
320 W. 4th STREET, SUITE 520
LOS ANGELES, CA 90013

December 08, 2025

Andrea Slade
10245 State Highway 99w
Red Bluff CA 96080

Subject: Commission File No: 707473 for Complaint with Pacific Gas & Electric Company

Dear Andrea Slade:

The Consumer Affairs Branch (CAB) of the California Public Utilities Commission has completed its review of your complaint against **Pacific Gas & Electric Company**. As part of the review, CAB considered the information that you provided, the information that **Pacific Gas & Electric Company** provided to us about your account and applicable codes, orders and tariffs.

In your complaint to CAB, you stated that while you have solar service, you think your meter may be defective. Although you have already filed a formal complaint with the CPUC regarding this concern, you are requesting that your account be placed on hold to prevent any possibility of disconnection until your complaint has been fully resolved. Furthermore, you have requested that the utility formally investigate the meter in question. If the investigation confirms the meter is defective, you are seeking a review of your billing history and issue any adjustments.

Pacific Gas & Electric Company (PG&E) has confirmed that your complaint was escalated to their Customer Relations (CR) team on November 20, 2025, to investigate your solar true-up billing and the status of the suspected defective meter. The utility also stated that the meter test was scheduled for October 27, 2025. The CR representative attempted to contact you on December 2, 2025, to discuss the complaint but was unable to reach you; however, they did leave a voicemail confirming they received your complaint and are currently in the process of reviewing your account.

Their Review Manager confirmed that the meter test was successfully performed on October 27, 2025, and conducted in your presence. The Meter Technician concluded that the meter passed the test and was providing accurate readings. However, they also noted that the meter's LCD display was degraded and dim, and there were signs of water/moisture damage to the meter itself. In addition, the inspection revealed that the electrical panel had water intrusions and the solar breaker was bad, burning, and arching. You informed the utility that the solar system was turned off to allow time for an electrician or solar company to make the necessary repairs to the panel and breaker.

Following further investigation, the Meter Technician concluded that the water intrusion issue originated on your side of the service connection, and the reported damage was attributed to poor maintenance of your meter panel. PG&E reiterates that the meter passed the accuracy test; however, due to the degrading display, the old meter is being kept in their meter shop for one year in case of any future dispute. They then advised that the issues found are not due to utility equipment failure, including the meter, which was confirmed to be intact, properly seated, and secured with a PG&E padlock.

The utility explained that the only reason the meter "failed" the test was due to its dim, illegible display, a common issue where displays degrade over time, prompting the utility to schedule a change-out. Despite the cosmetic

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320 W. 4th STREET, SUITE 520
LOS ANGELES, CA 90013

degradation, the utility confirms the meter continued to function appropriately and accurately, noting that it was originally installed on February 19, 2011. It was confirmed that you were present during the meter test and were advised by the technician that your equipment required maintenance, specifically recommending that an electrician or your solar company inspect and repair the damaged equipment found on your side of the service.

If you experience any problems with your solar company's equipment, it is suggested that you contact the agencies listed below for assistance.

Contractors State License Board (CSLB)
CSLB IMC
P. O. Box 269116
Sacramento, CA 95826-9116
(916)-843-6515
You may also file a complaint online at:
http://cslb.ca.gov/OnlineServices/ConstructionComplaint/ComplaintFormProcess.aspx

AND/OR

For the financing portion, please contact the Department of Financial Protection & Innovation (DFPI)
1515 K Street, Suite #200
Sacramento, CA 95814
(866) 275-2677 or (916) 327-7585
DBO prefers that consumers make their complaints online at: https://dbo.ca.gov/file-a-complaint/

In conclusion, the investigation determined that the utility meter was found to be operating accurately and in full compliance with all established rules and regulations. Consequently, the utility was able to verify that your energy usage was billed accurately. The utility further states that they communicated these findings directly to you on December 3, 2025, providing all the aforementioned information, and subsequently followed up by sending a detailed summary of the resolution to your email address.

As a result of the above information, CAB is closing your informal complaint. We thank you for bringing this matter to our attention. In the future, if you have other matters that need to be addressed, you may contact our office at the number listed below, and we will contact the Executive Office of Pacific Gas & Electric Company. We are available Monday through Friday, 8:30 a.m. – 4:30 p.m.

Pacific Gas & Electric Company conducted an investigation following the filing of your complaint. Based on the review of this information, CAB has determined that **Pacific Gas & Electric Company** is not in violation of the rules or regulations of the CPUC.

If you disagree with this result, you may either provide new evidence or appeal. Detailed instructions for sending new evidence or an appeal are attached. You must file within **15 days** of this letter and include supporting documentation. Please provide any information you believe contradicts the utility's representations.

We thank you for bringing this matter to our attention.

Sincerely,

STATE OF CALIFORNIA

GAVIN NEWSOM, Governor

PUBLIC UTILITIES COMMISSION
320 W. 4th STREET, SUITE 520
LOS ANGELES, CA 90013

December 08, 2025

File No: 707473

WHAT YOU MUST DO IF YOU WANT CAB TO RECONSIDER ITS REVIEW OF YOUR COMPLAINT

The Consumer Affairs Branch (CAB) of the California Public Utilities Commission (CPUC) does its best in all cases to use the information available to us to obtain a favorable resolution of each consumer's complaint. We realize that the outcome of this case may disappoint you. If you meet either one of the two limited exceptions below, you have the opportunity to file a request to review your case **within 15 business days of the date on this letter:**

If you have new evidence that would result in a favorable finding on your complaint, then file a REQUEST TO CONSIDER NEW EVIDENCE, or if you are able to show CAB made a mistake by failing to consider evidence, made a factual mistake, or made a mistake on law, then file an INFORMAL APPEAL.

The remainder of this letter provides both a summary and detailed requirements for these two processes.

SUMMARY: REQUEST TO CONSIDER NEW EVIDENCE

Prominently label your letter as "REQUEST TO CONSIDER NEW EVIDENCE."

Please include all of the following:

- Our informal complaint number; **707473**
- A brief description of the new evidence.
- A statement that shows how the new evidence would necessarily change the disposition of your complaint.
- Attach a copy of any new evidence.

SUMMARY: INFORMAL APPEAL

Prominently label your letter as INFORMAL APPEAL (for example this label might appear in the subject line or header/footer, in capital letters, in a larger font etc.)

Include all of the following:

- Our informal complaint number; **707473**
- The type of error(s) you think CAB made.
- A description of each error.
- A statement that shows how correcting the error(s) would necessarily change the disposition of your complaint.

DETAILED INSTRUCTIONS FOR SUBMISSION OF NEW EVIDENCE

PUBLIC UTILITIES COMMISSION
320 W. 4th STREET, SUITE 520
LOS ANGELES, CA 90013

You have one chance, and one only, to present new evidence. If you find additional new evidence after you have already sent your request to us, CAB will not consider that as new evidence. All additional information is not evidence. Merely supplying us with additional information is not enough to warrant further consideration. The new evidence must be significant. "Significant" means that the new evidence, either by itself or in consideration with the other existing evidence, would justify a favorable finding in your case. Simply attaching a copy of a bill, etc., does not meet this requirement.

There is no limit to additional evidence that you may provide. However, please observe the following guidelines:

Do not re-submit material that you already sent to us. It is not the quantity of evidence, but the quality that is critical. Rearguing or repeating your case IS NOT new evidence. CAB will reject any such request at once, and will send you a form letter stating the reason for rejecting your request.

Some examples of valid additional information are: once you read the utility response to your complaint, you realized the utility's reasoning relied on a document that you have, and your additional document contradicts the utility's justification.

If you submit a request to us, and we deny it, you may still submit an **Informal Appeal.** Please note that the requirements to file an Informal Appeal are very strict.

You should address your request as outlined. Should you fail to include any of the information that we require, your request for additional consideration can be dismissed at once. CAB will inform you of whether we re-opened your case or not.

DETAILED INSTRUCTIONS FOR SUBMISSION OF AN INFORMAL APPEAL

In order to successfully appeal CAB's findings, you must meet requirements that are both strict and narrow. You must show that CAB made one or the three specific types of errors below:

- CAB made a mistake in the facts in the case;
- or CAB made a mistake in the laws in the case ;
- or CAB made a mistake by not considering evidence that would have resulted in a favorable finding in your case.

There is no limit to how many errors you may identify. Your identification of errors should refer to your existing documentation, such as CAB's letter closing the case or your original complaint letter. An appeal must strictly relate to the information provided to CAB. If you did not previously send evidence to CAB, CAB did not make any error. If we dismiss your appeal, you MAY NOT file a REQUEST TO CONSIDER NEW EVIDENCE.

You must provide a list of the mistakes that you contend that CAB made, and you must relate those mistakes to the case findings. You may not submit new evidence. If you wish to submit new evidence, you should file a REQUEST TO CONSIDER NEW EVIDENCE.

Cc: Public.advisor <Public.advisor@cpuc.ca.gov>
Subject: [EXTERNAL] Notice Regarding CAB Closure Letter and Service Continuity

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

[Quoted text hidden]

Formal Complaint & FAQ Guide.pdf
154K

Andrea Snyder <abslade85@gmail.com> Mon, Dec 15, 2025 at 3:45 PM
To: "Public.advisor" <public.advisor@cpuc.ca.gov>

Thank you for your reply. I understand this may be a generalized follow-up.

For clarity, this matter involves more than a disagreement with the informal complaint outcome. There is outstanding information that has been requested and has not yet been provided. Until the outstanding information is provided and the record is corrected to accurately reflect the procedural posture of this matter, I am unable to proceed further as a matter of due diligence.

I will await substantive responses from both CAB and PG&E before proceeding further.

Thank you.
Andrea Slade
[Quoted text hidden]

Andrea Snyder <abslade85@gmail.com> Tue, Feb 10, 2026 at 10:12 AM
To: Consumer-Affairs <consumer-affairs@cpuc.ca.gov>, LVF1@pge.com
Cc: "Public.advisor" <public.advisor@cpuc.ca.gov>

Dear CAB Staff and PG&E,

I am following up on my December 15, 2025 correspondence, which has not received a substantive response.

The only reply received was a generalized explanation of the formal complaint process. That response did not address the specific procedural and record-related issues raised in my prior notice.

For clarity, this matter does not concern dissatisfaction with the outcome of the informal process. It concerns **unresolved procedural deficiencies** and **inaccuracies** in the administrative record, including reliance on PG&E's representations without addressing the documented discrepancies I identified.

When an agency adopts one party's narrative without clarification or correction, the integrity and neutrality of the process are compromised. This materially affects my ability to proceed in good faith and with appropriate due diligence.

Because the requested information has not been provided, I remain unable to pursue further escalation in a responsible and informed manner.

Accordingly, please provide written clarification regarding:

1. Whether my account is protected from disconnection or collection activity during this dispute; and
2. My **accurate procedural status**, including any associated case, record, or complaint number.

I appreciate your attention to these outstanding issues and look forward to your response.

Summary of Attachments
• Oct 20, 2025: PG&E investigation opened (Record #2363062506).
• Nov 18, 2025: Formal dispute filed; Rule 17 protections invoked.
• Nov 26, 2025: Written-only communication demanded.
• Dec 8, 2025: Documentation demand reiterated; deadline set.
• Dec 8, 2025: CAB issues closure letter with inaccurate findings.
• Dec 15, 2025: Closure formally challenged; record correction requested.
• Dec 15, 2025: Public Advisor issues generic guidance.
• Dec 15, 2025: Due diligence response sent; matter held pending compliance.

Thank you,
Andrea Slade

[Quoted text hidden]

2 attachments

Closure_CAB.pdf
891K

02102026_Thread.pdf
297K

Andrea Snyder <abslade85@gmail.com> Fri, Mar 6, 2026 at 6:42 PM
To: Consumer-Affairs <consumer-affairs@cpuc.ca.gov>, LVF1@pge.com
Cc: "Public.advisor" <public.advisor@cpuc.ca.gov>

Dear CAB and PG&E,

For transparency and completeness of the record, I am documenting a phone call received today from a representative of PG&E regarding the matter referenced in this email chain.

During the call, PG&E reiterated its position that the matter is considered closed on its end and that payment of the disputed charges is expected. PG&E also stated that the historical meter data requested in my prior correspondence would not be provided.

I reiterated that the matter remains disputed and that I do not consider it resolved.

As reflected in my prior correspondence in this thread, I have asked both PG&E and CAB on multiple occasions to confirm two procedural points:

1. Whether service disconnection or collection activity will occur while this dispute remains unresolved.
2. Whether a formal CPUC complaint has already been filed or opened in connection with this matter, as referenced in CAB's December 8 closure letter.

These questions remain unanswered despite repeated written requests. Without clarification of these points, I am unable to determine the appropriate procedural step for moving forward.

Because communications between PG&E and CAB appear to have occurred outside my presence and may have influenced the closure determination, I have submitted a CPRA request to the CPUC seeking records related to this matter, including communications.

Once the requested records are received and the procedural posture of this matter can be confirmed, I will proceed with the appropriate next step, including filing a formal CPUC complaint if necessary.

As previously requested, please ensure that further communications regarding this matter occur in writing so the record remains clear and complete.

Please confirm receipt of this message.

Sincerely,

Andrea Slade

[Quoted text hidden]

STATE OF CALIFORNIA **GAVIN NEWSOM, Governor**

PUBLIC UTILITIES COMMISSION
320 W. 4th STREET, SUITE 520
LOS ANGELES, CA 90013

March 16, 2026 **File No:707473**

Andrea Slade
10245 State Highway 99w
Red Bluff, CA 96080

Dear Andrea Slade:

The Consumer Affairs Branch (CAB) of the California Public Utilities Commission (CPUC) received your informal Appeal of your case, **File No:707473**. Our letter closing your case informed you that in order for CAB to consider an Appeal, you must demonstrate that:

CAB made one of three specific types of errors:
- CAB made a mistake in the *facts in the case* or
- CAB made a mistake in the *laws in the case* or
- CAB made a mistake by *not considering evidence*.

You are required to show that correction of CAB's error/s would have otherwise resulted in the disposition being in your favor. Your appeal did not provide new evidence, or you disagreed with the utility's response and CAB's position that does not fulfill CAB's Appeal requirements. Therefore, your appeal has been **denied**.

Since CAB's authority is limited and cannot compel the utility to provide you with the relief you requested, you have **two other available options:**

The **first option** is to convert this Informal Complaint to a **Formal Complaint**– please refer to the Formal Complaint instructions accompanying this letter. You can get further assistance by going to our website: https://www.cpuc.ca.gov/formalcomplaintinfo/ or you may contact the Public Advisors Officer (PAO) at (866) 849-8390. The PAO is available if you need assistance with completing the necessary forms and assist you with the filing of your paperwork.

The **second option** is to seek legal advice and file a **legal process in a civil or** municipal court or in a court of competent jurisdiction in accordance with **PU Code §2106.**

Sincerely,

Written Operations Unit
Consumer Affairs Branch
1-800-649-7570
www.cpuc.ca.gov