

# Understanding your Smart Renewable Energy Export Bill



**S**mart Renewable Energy Export lets rooftop solar customers reduce their monthly electric bill by providing credit for electricity received by the utility from the customer's renewable energy system. The Hawai'i Public Utilities Commission sets the credit rate for each island. Credit for each billing period is given for the total kilowatt hours (kWh) received by the utility from you up to the total kWh delivered by the utility to you that month. Any remaining kWh will rollover to the next billing period for a 12-month period. After 12 months, any unused kWh credits will be forfeited.

Island	Smart Renewable Energy — Export Rates Set In 2024*		
	Daytime (9 a.m. - 5 p.m.)	Evening Peak (5 p.m. - 9 p.m.)	Overnight (9 p.m. - 9 a.m.)
<b>O'ahu</b>	\$0.135 cents/kWh	\$0.329 cents/kWh	\$0.189 cents/kWh
<b>Hawai'i Island</b>	\$0.106 cents/kWh	\$0.231 cents/kWh	\$0.148 cents/kWh
<b>Maui</b>	\$0.066 cents/kWh	\$0.182 cents/kWh	\$0.131 cents/kWh
<b>Lāna'i</b>	\$0.267 cents/kWh	\$0.408 cents/kWh	\$0.259 cents/kWh
<b>Moloka'i</b>	\$0.179 cents/kWh	\$0.272 cents/kWh	\$0.174 cents/kWh

\*Rates may change pending PUC approval; Currently, rates are fixed for every (3) years.

**1 Account Summary:** This section provides the electric service billing period for the current electric bill and summarizes what is owed on the current bill.

**2 Usage Profile:** The graph on the left shows the average daily kWh delivered to you and received from you each month over the year so you can see trends in how you use electricity.

**3** The chart on the left shows the total monthly kWh delivered to you and received from you; total amount billed; days in that monthly billing cycle; daily average delivered and received; and the average cost per day. Monthly capacity incentive will show up in this section on your bill.

- a** \$174.33 (Total Current Charges)
- b** - \$ 6.72 (Fuel & Purchase Energy Adjustment/ECRC)
- c** - \$ 64.52 (Surcharge & Reconciliation Adjustments)
- d** + \$ 82.50 (Export Credit - see next page)
- e** - \$ 12.58 (TOU Protection Credit)
- f** = \$173.01 (Current Bill Prior To Export Credit)

**4 Bill Period:** This section shows the total electricity used during the time-of-use (TOU) rate period in kWh.

Account Number:  
202012345678  
Invoice Number:  
601234567

Service Address:  
1234 ALOHA LN  
Contract:  
31234567

SMART DER CUSTOMER

ACCOUNT SUMMARY (See Bill Detail section for more information)				
Service Period	03/20/24 - 04/18/24			
Previous Balance				\$93.23
Payments				\$93.23-
<b>OUTSTANDING BALANCE</b>				<b>\$0.00</b>
<b>Current Charges</b>	<b>Charge Amt</b>	<b>Charge Units</b>	<b>Amt Assessed</b>	<b>Amount Billed</b>
Customer Charge	6.94	\$/month	1.0000	\$6.94
Grid Access Charge (GAC)	9.38	\$/month	1.0000	\$9.38
Daytime Energy Charge	17.4215	cents/kwh	48	\$8.36
<b>Evening Peak Energy Charge</b>	<b>52.2645</b>	<b>cents/kwh</b>	<b>187</b>	<b>\$97.73</b>
Overnight Energy Charge	34.8430	cents/kwh	149	\$51.92
<b>Total</b>				<b>\$174.33</b>
Fuel and Purchase Energy Adjustment (ECRC)				\$6.72-
Surcharge and Reconciliation Adjustments				\$64.52-
Adjustments				\$12.58-
<b>Current Charges Due 05/15/2024</b>				<b>\$90.51</b>
<b>TOTAL AMOUNT DUE 05/15/2024</b>				<b>\$90.51</b>

**USAGE PROFILE**  
Go to the My Energy Use portal to manage energy usage or hawaiianelectric.com/myenergyuse for more info

ELECTRIC USAGE PROFILE FOR METER MPX123546789

DATE	DEL	REC	AMOUNT	DAYS	DEL KWH/DAY	REC KWH/DAY	S/DAY
04/18/24	384	167	\$173.01	30	12.80	5.57	5.77
03/19/24	400	735	\$183.35	31	12.90	23.71	5.91

**Hawaiian Electric**  
PO Box 30260  
Honolulu, HI 96820-0260

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SMART DER CUSTOMER

BILL PERIOD		
R Residential ARD Time-Of-Use Service Smart DER - Export		
FROM 03/20/24 TO 04/18/24 30 DAYS		
<b>ADVANCED METER #</b>	<b>USAGE TYPE</b>	<b>USAGE</b>
MPX123546789	Total Delivered kWh	384.00
	Total Received kWh	167.00
	Daytime Delivered kWh	48.00
	Daytime Received kWh	143.00
	Evening Peak Delivered kWh	187.00
	Evening Peak Received kWh	10.00
	Overnight Delivered kWh	149.00
	Overnight Received kWh	14.00
	<b>kWh</b>	<b>3.90</b>

**5 Bill Detail:** This section lists current charges, including your TOU protection credit, and required charges that must be paid by all customers. For more detail on current charges, visit [hawaiianelectric.com/electricbill](http://hawaiianelectric.com/electricbill).

BILL DETAIL						AMOUNT	TOTALS
DESCRIPTION							
Incoming Payment on 04/07/2024 - Thank You						\$93.23-	
<b>Total Payments</b>							<b>\$93.23-</b>
		March		April			
<b>Fuel and Purchase Energy Adj (ECRC)</b>	cents/kWh	kWh	cents/kWh	kWh			
Daytime (9 am to 5 pm)	0.6794-	19	0.7804-	29	\$0.36-		
<b>Evening Peak (5 pm to 9 pm)</b>	2.0382-	75	2.3412-	112	\$4.15-		
Overnight (9 pm to 9 am)	1.3588-	60	1.5608-	89	\$2.21-		
<b>Fuel and Purchase Energy Adjustment</b>							<b>\$6.72-</b>
<b>Surcharge and Reconciliation Adjustments</b>							
<b>Reconciliation Adjustments</b>							
IRP Cost Recovery						\$0.65	
Purchased Power Adjustment						\$1.87-	
Export Credit						\$82.50-	<b>d</b>
<b>Surcharges</b>							
PBF Surcharge						\$2.76	
RBA Rate Adjustment						\$15.23	
Green Infrastructure Fee						\$1.21	
<b>Surcharge and Reconciliation Adjustments</b>							<b>\$64.52-</b>
<b>ADJUSTMENTS</b>							
TOU Protection Credit						\$12.58-	
<b>Total Adjustments</b>							<b>\$12.58-</b>

A 12-month billing period begins with the first full billing cycle after execution of the Smart Renewable Energy Export agreement. In a month where you earned more credit than can be applied to your bill, the leftover is “banked.”

TOU Protection Credit is available for the first 6 months.

This chart on your bill summarizes monthly and banked credits within the 12-month period.

Date	Periods	(A)	(B)	(C)	(D)	(E = C - D)	(F)	(G = E - F)	(H)	(I)	(J)	(K = B - L)	(L)
		Your kWh Usage	Current Mo Bill Prior to Credit	kWh Sent to Company	BYOD kWh Sent to Company	Remaining Eligible kWh sent after BYOD kWh	Eligible kWh Credit from Current Period	kWh for Current Month Banked Credit	Banked kWh Applied	Prior Mo Cumulative Banked Credit kWh	Current Mo Cumulative Banked Credit kWh	Current Mo Bill After Credits	Credits
03/19/2024	Daytime	49		150	0	150	49	101	0	0	101		\$6.62
	Overnight	157		275	0	275	157	118	0	0	118		\$29.67
	Evening Peak	194		310	0	310	194	116	0	0	116		\$63.83
	<b>Total</b>	<b>400</b>	<b>\$183.35</b>	<b>735</b>	<b>0</b>	<b>735</b>	<b>400</b>	<b>335</b>	<b>0</b>	<b>0</b>	<b>335</b>	<b>\$83.23</b>	<b>\$100.12</b>
04/18/2024	Daytime	48		143	0	143	143	0	0	101	101		\$19.31
	Overnight	149		14	0	14	14	0	101	118	17		\$21.74
	Evening Peak	187		10	0	10	10	0	116	116	0		\$41.45
	<b>Total</b>	<b>384</b>	<b>\$173.01</b>	<b>167</b>	<b>0</b>	<b>167</b>	<b>167</b>	<b>0</b>	<b>217</b>	<b>335</b>	<b>118</b>	<b>\$90.51</b>	<b>\$82.50</b>

- You may receive credits for kWh sent to the company (**column C**) up to the amount of your kWh usage (**column A**). For example: For the month of March, the maximum credit you can receive is 400 kWh, which matches your kWh usage for the same month.
- kWh sent to the company (**column C**) in excess of your kWh usage (**column A**) can be used in the future periods. This will be stored as your cumulative banked credit (**column J**). After 12 billing periods or upon account closure, reconciliation will occur. For example: The total in **column C** — the total in **column A** = **column G** (current month banked credit in kWh)
- For the month of April, the total in **column C** is less than the total in **column A**. In this case, we will apply the banked credits from **column I**, starting from Evening Peak, then Overnight, then Daytime. The remaining banked credits will be used in the future periods.
- To calculate the export credit for the month in **column L**, we combine the total from each of the time-of-use period (**column F + column H**), multiply with the Smart Renewable Energy export rates. For example:  $143 \text{ kWh} + 0 = 143 \times \$0.135 = \$19.31$  (Daytime)  
 $14 \text{ kWh} + 101 = 115 \times \$0.189 = \$21.74$  (Overnight)  
 $10 \text{ kWh} + 116 = 126 \times \$0.329 = \$41.45$  (Evening Peak)  


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**Total export credit = \$82.50**
- To calculate your current month’s bill, take the current month bill prior to credit (**column B**) and subtract the monthly credits for the energy sent to the utility (**column L**). For example: **f** \$173.01 in **column B** — **d** \$82.50 in **column L** = \$90.51 in **column K** (total bill for the current month)
- Your monthly bill shall not go below the minimum bill amount plus applicable surcharges.