

Shared Solar Program

(CBRE Phase 2)

Your input is important



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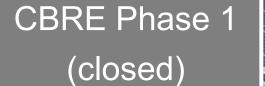


WebEx chat





Community-Based Renewable Energy (CBRE)



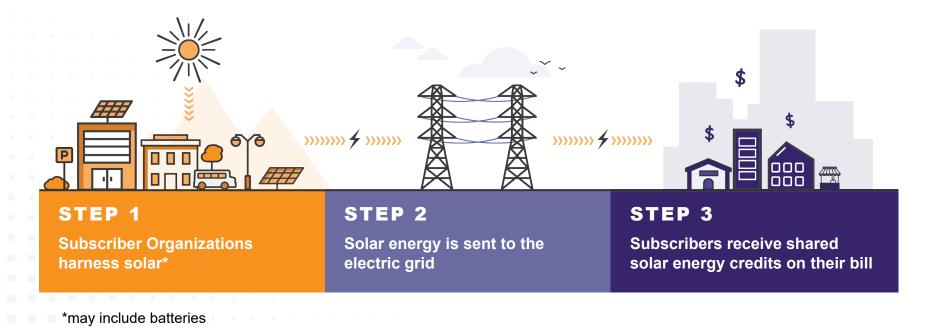
CBRE Phase 2 (shared solar)

Tranche 1 Tranche 2



CBRE Portal Logo

How does shared solar work?





What are a Subscriber Organization's responsibilities?

- Develop and construct the shared solar facility
- Operate and maintain the shared solar facility
- Market the project to potential subscribers
- Qualify and enroll subscribers
- Allocate credits based on the subscriber's allocated subscription
- Be the point of contact and provide ongoing customer service for your subscribers





Program Structure Basics



PROGRAM STRUCTURE Small Projects

	Oahu	Hawaii	Maui
Project Size	> 4 kW & < 250 kW		
Available Capacity	30 MW	7.5 MW	8.475 MW
Credit Rate (Fixed unless CCRP triggered)	\$0.15/kWh	\$0.15/kWh	\$0.165/kWh
Technology	Photovoltaic (may include batteries)		
Contract Form	Standard Form Contract (SFC)		
Program Rule	Rule 29 Part 1		
Project Applications	CBRE Portal		
Application Window	12:00 AM 3/10/2022 thru 12:00 AM 7/11/2022		
Application Fee	\$250		
Program Administration Fee	\$5/kW AC (Not to exceed	\$1k annually)	
Interconnection Cost Responsibility	Subscriber Organization		



PROGRAM STRUCTURE Mid-Tier & Large Tranche 1 RFPs

	Molokai	Lanai	Oahu	Hawaii	Maui
Available Capacity	2.75 MW	3 MW	75 MW	12.5 MW	12.5 MW
Credit Rate	Competitive Bid				
Technology	Photovoltaic (may include batteries)				
Contract Form	Mid-Tier SFC	Large RDG PPA (Lanai)	Mid-Tier Standard Form Contract (SFC) Large RDG PPA		
Program Rule	Rule 29 Part I & II	Rule 29 Part I, II & III	Mid-Tier: Rule 29 Part I & II Large: Rule 29 Part I, II & III		
Application Window	Closed 4/14/2022 thru 8/17/2022				
Project Applications	Power Advocate Platform				
Application Fee	\$1K - \$2K	\$5K	\$2K - \$10K		
Program Administration Fee	\$5/kW AC Mid Tier: Not to exceed \$5K annually / Large: Not to exceed \$10K annually				/
Interconnection Cost Responsibility	See Appendix H of the RFP				



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PROGRAM STRUCTURE

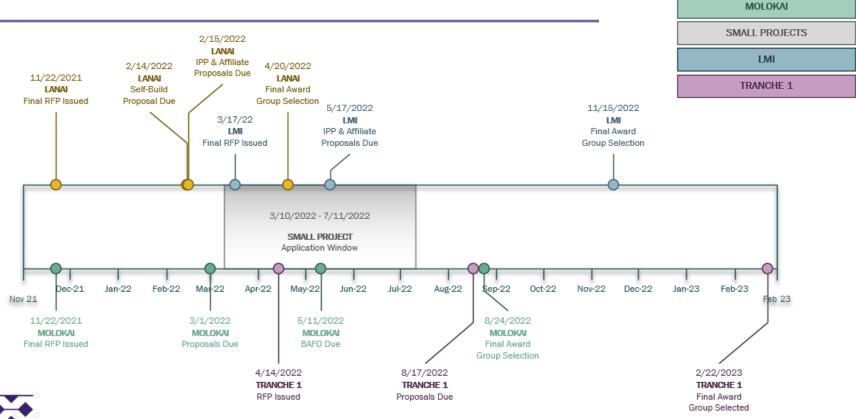
	Oahu	Hawaii	Maui
Available Capacity	At least one uncapped projec	t for each island	
Credit Rate	Competitive Bid		
Technology	Photovoltaic (may include bat	tteries)	
Contract Form	Mid-Tier SFC or Large RDG F	PPA	
Program Rule	Rule 29 Part I, II & III		
Project Applications	Power Advocate Platform		
Application Window	3/17/2022 thru 5/17/2022		
Application Fee	\$1K - \$5K		
Program Administration Fee	Waived		
Interconnection Cost Responsibility	See Appendix H of the RFP		



CBRE Phase 2 – shared solar

Timeline

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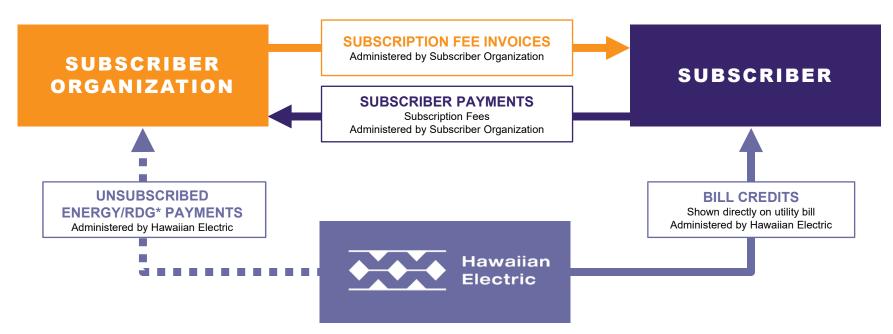


LANAI

Billing Roles



Billing Roles





***Unsubscribed Energy** – All energy delivered by Subscriber Organization to Company that is not associated with or accounted for by Subscriptions to Subscribers.

*Unsubscribed RDG – CBRE Phase 2 Facility Contract Capacity availability that is not associated with any Subscriber subscription.

What are the payment options?

Subscriber organization payment models supported in CBRE portal

PAY-UP-FRONT

Any fees generated by the subscriber organization are billed/paid at the time of contract.

PAY-AS-YOU-GO

Any fees generated by the subscriber organization are billed throughout the life of the subscription.

Other payment models or combinations may be used and will not be supported in CBRE portal



PPA Lump Sum Payment and Liquidated Damages

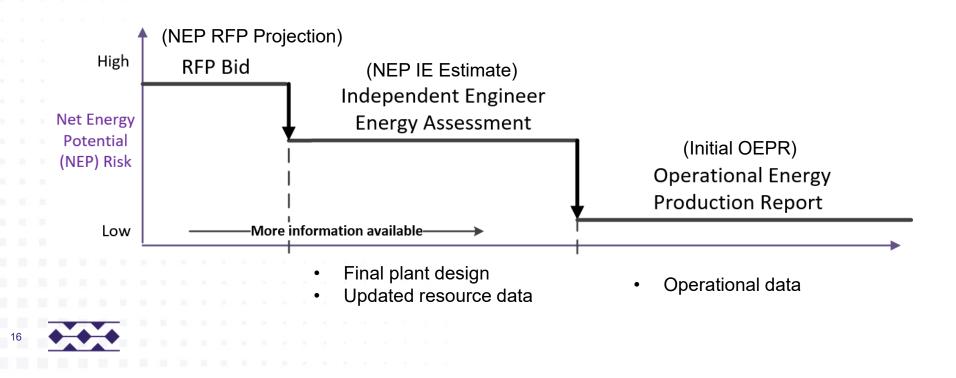


Power Purchase Agreement Lump Sum Payment and Liquidated Damages

- Renewable Dispatchable Generation
 - Mid-Tier SFC or RDG PPA
 - Fixed lump sum payment (\$/month)
- Dispatchability vs. Delivered Energy
 - Will the facility produce the expected amount of energy?
 - Net Energy Potential (NEP) checks
 - Is the facility available for dispatch and performing as expected?
 - Performance Metrics



Will the facility produce the expected amount of energy?



Liquidated Damages & Payment Reductions

- Minimum Subscribers: 4 individual subscribers
- Minimum Residential Subscribers:
 - Dedicated LMI Projects: 60% of facility's capacity
 - All other projects: 40% of facility's capacity
- 100% LMI Requirements for Dedicated LMI projects
- Applied to Unsubscribed RDG
 - Reductions in Unsubscribed RDG payments if greater than 15% unsubscribed
- No liquidated damages shall be assessed for a grace period:
 - Mid-tier & Large projects: 9 months



Bill Credits



Bill Credits - Formulas

SMALL PROJECTS (<250kW)

Bill Credit (\$)



Subscriber Subscription Percentage (%) Project Billing Credit Rate (\$/kWh)

MID TIER/LARGE PROJECTS (>=250kW)





Subscriber Subscription Percentage (%)





- A Subscriber's monthly net credit will be deducted from eligible charges on their electric bill before taxes and fees are assessed.
- Eligible charges on the Subscriber's electric bill will be all light and power charges.
- Subscribers will continue to be charged per kilowatt hour used at applicable rate class or schedule (residential, commercial, etc.).
- The Subscriber's electric bill cannot be reduced below whichever is greater:
 - The sum of 1) customer charge, 2) Green Infrastructure Fee and any other per-customer charge for the customer's rate schedule
 - Or, the minimum bill applicable in the customer's basic tariff.



Bill Credits – Phase 1 Bill Credit Calculation



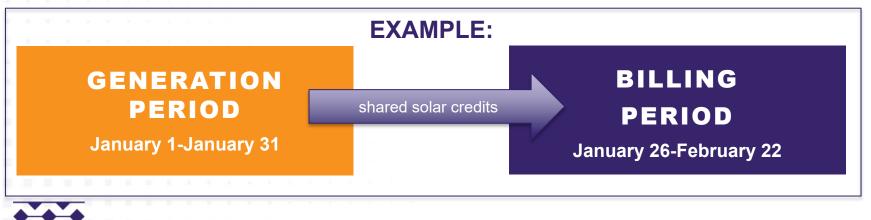
For example, if:

- the bill credit rate is \$0.15 per kilowatt-hour
- the subscriber has 10% of the total shared solar facility
- the actual shared solar output of the facility that month is 10,000 kilowatt-hours
 The calculation would look this this: (\$0.15) x (10%) x 10,000 = \$150



Bill Credits - Timing

- Shared solar bill credits are based on the generation calendar month.
- However, a customer's billing cycle is usually not by calendar month, usually it stretches over two calendar months (ie. 10/26/2021 – 11/24/2021)
- Shared solar credits should appear on the subscriber's bill no later than two billing cycles from the generation date



Bill Credits - Rollover

If the monthly net credit exceeds the eligible charges:

The value of that excess will be rolled over month-to-month

At the end of the year from the date of the first billing period with shared solar credits, any remaining credit will lapse, as is the case with solar credits in all rooftop solar programs. In the following month, the credit calculation starts again, from zero.

Bill Credits – Minimum Bill Amount

• For Schedule J

- The billing kW for the minimum charge calculation each month shall be:
- The maximum measured kW demand for the month but not less than the highest maximum measured kW demand for the preceding eleven months nor less than 25 kW"
- For Schedule R and G
 - The minimum charge is based on a fixed monthly charge based on whether the service is single-phase or three-phase



Bill Credits – Schedule J

	BILL DETAIL		
ESCRIPTION REVIOUS BALANCE		AMOUNT \$9,078.46	TOTA
	Outstanding Balance		\$9,078.
URRENT CHARGES			
Electric Service J General Service-Demand			
Customer Charge		\$56.00	
Demand Charge		\$315.63	
Non-Fuel Energy Charge		\$2,631.92	
RBA Rate Adjustment		\$51.59	
PBF Surcharge		\$15.78	
Energy Cost Adjustment		\$83.09	
Interim Increase 2018		\$51.76	
Refund 2018 Interim Increase		\$43.62-	
Green Infrastructure Fee		\$25.85	
	Total for Electric Service		\$3,188.
Other Charges			
CBRE Credit		\$458.66-	
	Total for Current Charges		\$3,189.
tal Amount Due			\$12,267.

Bill Credits – Schedule G

	BILL DETAIL		
DESCRIPTION		AMOUNT	TOTAL
PREVIOUS BALANCE		\$1,992.42	
Outsta	anding Balance		\$1,992.4
CURRENT CHARGES	-		
Electric Service G General Service			
Customer Charge		\$61.00	
Non-Fuel Energy Charge		\$8.78	
RBA Rate Adjustment		\$0.37	
PBF Surcharge		\$0.18	
Energy Cost Recovery		\$10.62	
Purchased Power Adjustment		\$0.96	
Green Infrastructure Fee		\$1.34	
Total fo	r Electric Service		\$83.2
Other Charges			
CBRE Credit		\$3.20-	
Total for	r Current Charges		\$80.0
Total Amount Due			\$2,072.4

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Bill Credits – Schedule R

BILL DETAIL		
	AMOUNT	TOTAL
	\$274.93	
Outstanding Balance		\$274.9
-		
	\$11.50	
	\$55.64	
	\$81.67	
	\$0.02-	
	\$2.54	
	\$8.41	
	\$2.92	
	\$1.24	
Total for Electric Service		\$163.9
	\$3.20-	
Total for Current Charges		\$160.7
		\$435.6
	Outstanding Balance Total for Electric Service	AMOUNT \$274.93 Outstanding Balance \$11.50 \$55.64 \$81.67 \$0.02- \$2.54 \$8.41 \$2.92 \$1.24 Total for Electric Service \$3.20-





Mahalo for your time.



Questions?