





# Financing Tribal Community-Owned Solar Assets Through Federal Tax Credits





Kaiser Permanente Fund at East Bay Community Foundation

















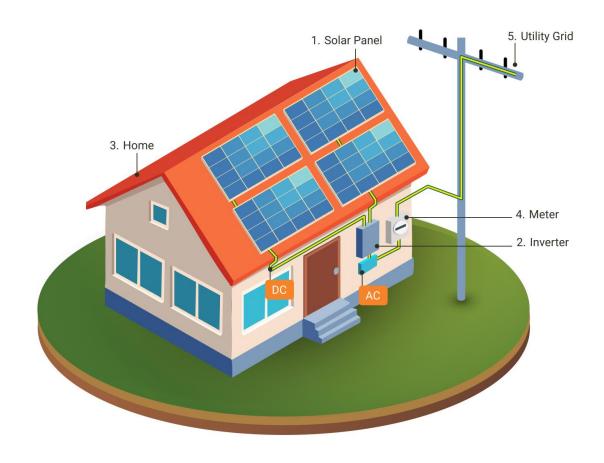






### Some Solar Project Models

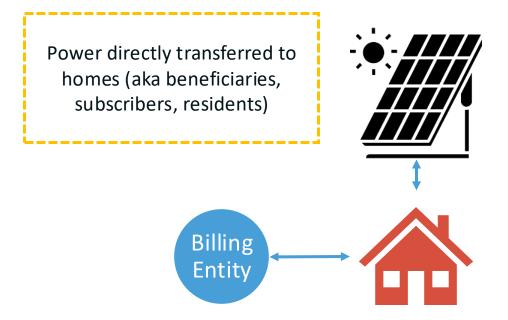
- Basic Residential Solar Project
- Basic Residential-serving Community Solar
- Tribal Enterprise Loan Model Residential-serving Community Solar





### **Basic Residential Solar Project**

- Interconnection is easier
- Utility's net metering policies are important
- Upgrades to roof, meter, panel may be required
- Battery storage may be required if net metering is not lucrative



Generated solar power reduces power demand from the utility, This will be tracked by the home's meter and reflected as reduced energy bills.

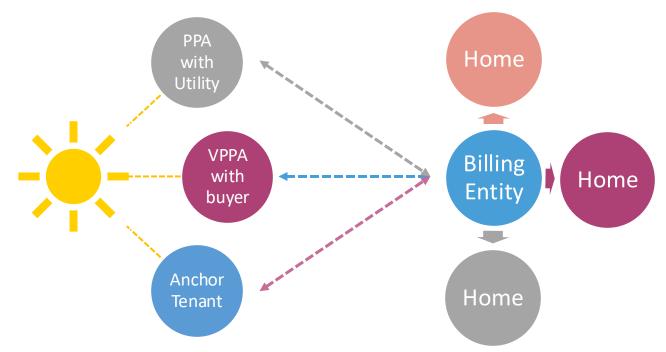


### **Basic Residential-serving Community Solar**

- Savings accrue to anchor tenant.
- Distributed to residents through billing or voucher methods.
  - BILLING: Revenue from power sale transferred to Billing Entity – Utility or Tribe – as negotiated
  - VOUCHER: Revenue from power sale transferred to Tribe or Tribal
    Department as negotiated with the Anchor Tenant or Utility

Power generation and distribution at negotiated rates

20% savings transferred to homes (aka beneficiaries, subscribers, residents) using vouchers or reduction in bills





## Tribal Enterprise Loan Model Residentialserving Community Solar

#### **Project Information**

Project Size	250	kW
Sized for Casino Use	50	kW
Sized for Residential Use	200	kW
Number of Subscribers	20	Homes

#### Casino use

Size	50	kW
kWh/ year	\$ 436,800	
Cost/kWh	\$ 0.12	
Savings	\$ 52,416	

#### **Transaction Information**

Project Cost	\$500,000
Solar for All Grant	\$250,000
Intra-Tribal Loan	\$250,000
Tax Credit repayment to Tribe	\$250,000

#### Loan Repayment Scenario 1

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Energy program repays loan	\$250,000

#### **Loan Repayment Scenario 2**

Energy program repays loan	
- Upfront	\$100,000
- Through energy savings	\$150,000



### **Special Thanks to Our Sponsors**





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**Tamalpais Trust Fund of RSF** Social Finance











