

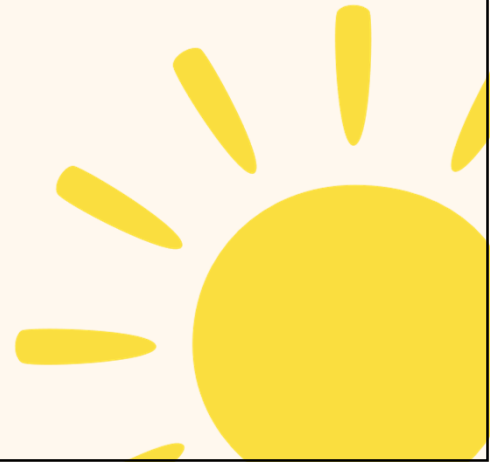


# Hot Topics in Energy:

## The Inflation Reduction Act & More



Nancy Chaires Espinoza, Executive Director



## What We'll Cover

- California Energy Landscape
- SB 1374 Protecting Solar in Schools
- Inflation Reduction Act



# California *Energy* Landscape

- 2022 Building Code
- CARB ACF Regulation
- AB 579 School Bus Conversion
- CPUC NEM 3.0/NBT-A Rulings
- Energy Affordability



## SB 1374 (Becker): Protecting Solar in Schools



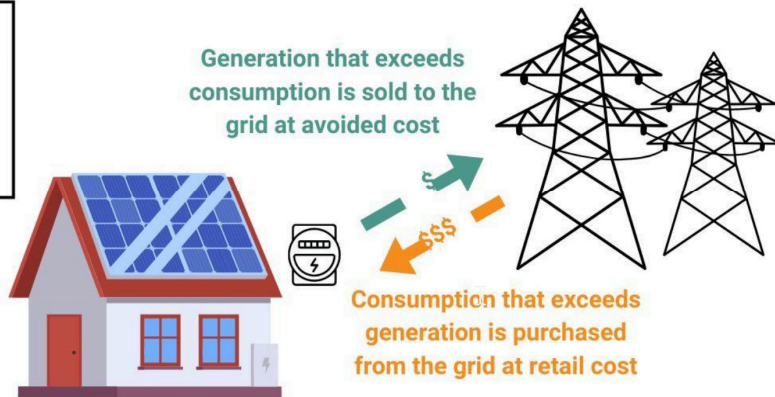
- Restore self-consumption
- Keep solar financially feasible
- Protect classroom funding
- Status: On the Governor's desk



# Net Energy Metering

Single family homes are able to use all of the solar energy they generate to offset their electricity bills.

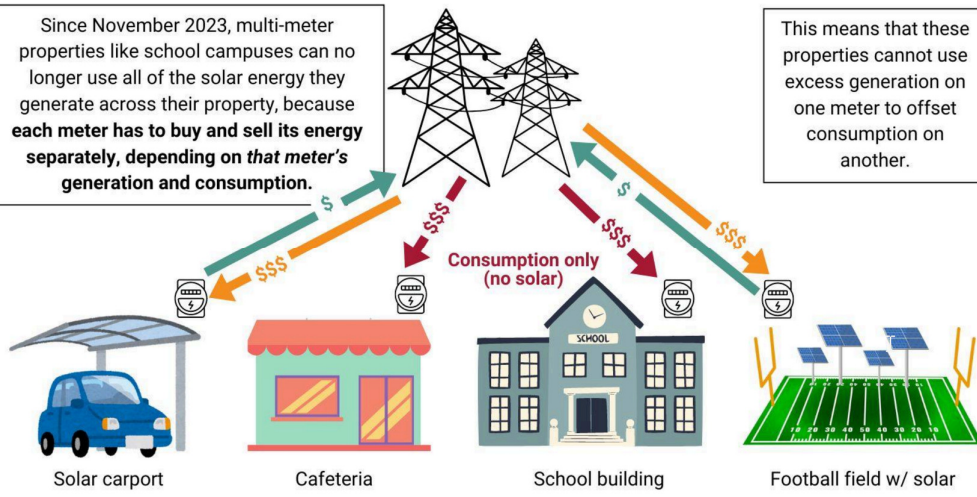
Most often, they have one meter.



# Net Billing Tarrif - Aggregation

Since November 2023, multi-meter properties like school campuses can no longer use all of the solar energy they generate across their property, because **each meter has to buy and sell its energy separately, depending on that meter's generation and consumption.**

This means that these properties cannot use excess generation on one meter to offset consumption on another.

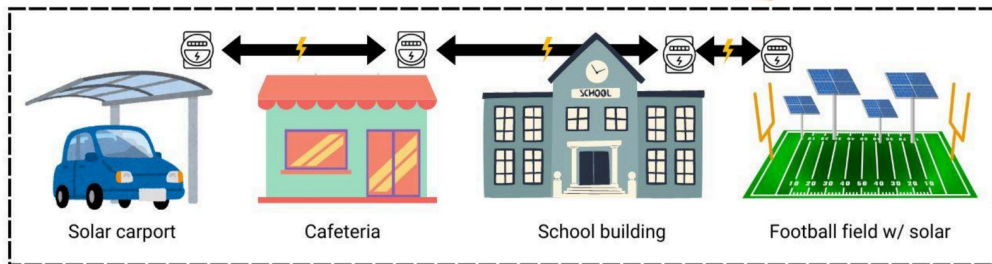
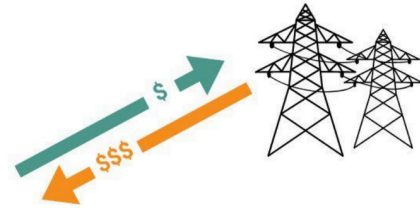


# SB 1374: Restoring Self-Consumption

Multi-meter properties should be able to consume all the solar energy they generate across their property, just like single family homes.

**SB 1374 restores this equal treatment without changing NEM3.**

We need distributed solar to meet our clean energy needs and keep costs down for everyone. **SB 1374 is a win-win.**



## Tell the Governor to *sign* SB 1374

**Letters**

[leg.unit@gov.ca.gov](mailto:leg.unit@gov.ca.gov)

**Comments**

[gov.ca.gov](http://gov.ca.gov)

**Voicemail**

(916) 445-2841

# Inflation Reduction Act



- Overview
- Why It's Unique
- Eligible Projects
- Application Process

## What is the IRA?

- Federal law enacted in 2022
- Provides \$369 billion in climate investments, tax credits, and loans to individuals, businesses, tax exempt and government entities.
- Goals:
  - Make clean energy cheaper than fossil fuels
  - Support American manufacturing
  - Address environmental inequities.





# What's so special about *the IRA*?



Non-Competitive



Reimbursement



Available until 2032



No Funding Caps

# What is *Direct Pay*?

- Mechanism through which non-taxable entities convert tax credits to cash reimbursements



# Which types of *projects* are funded?

## IRA Section

Sec. 48 Investment Tax Credit

Sec. 45W Credit for Qualified Commercial Clean Vehicles

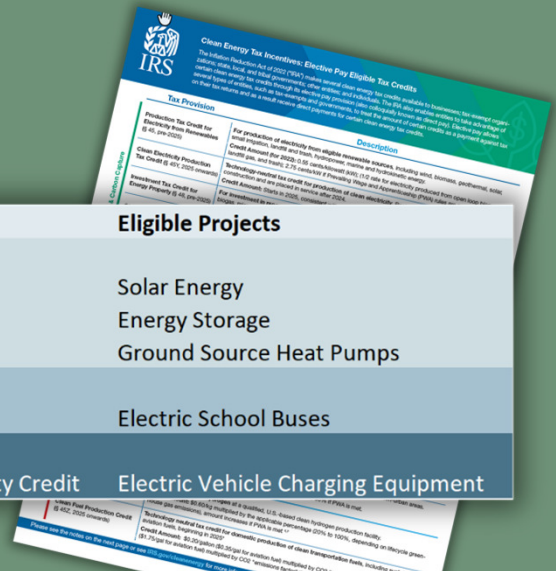
Sec. 30C Alternative Fuel Vehicle Refueling & Recharging Property Credit

## Eligible Projects

Solar Energy  
Energy Storage  
Ground Source Heat Pumps

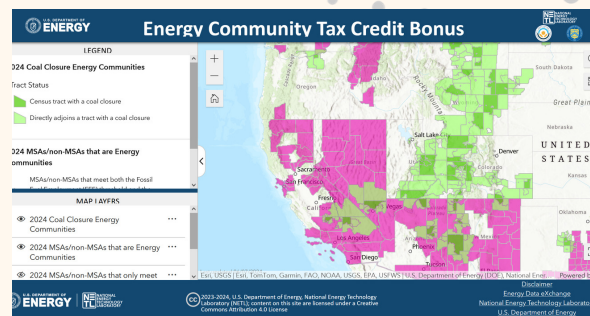
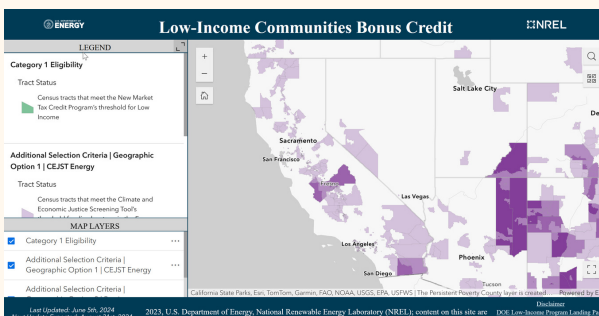
Electric School Buses

Electric Vehicle Charging Equipment



# How to combine credits?

Base Credit	Full Credit	5X Base for Prevailing Wage	Full + Domestic Content OR Energy Community Bonus	Full + Domestic Content Bonus + Energy Community Bonus
6%	30%	40%	50%	60-70%



# How to combine credits?



## How to apply



1

Review projects placed into service after Dec. 31, 2022 for eligibility.

2

Gather documentation for each piece of qualifying equipment.

3

Complete pre-filing registration for your school district using the IRS Elective Pay Portal.

4

File IRS Form 990-T and other applicable forms to claim credit for completed projects.

5

Receive payment from IRS after submission is approved.





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*Share your IRA success stories  
with us! (Pitfalls too)*



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