

# Range of City ZNE Policies



Building codes and ordinances (6)



ZNE Energy or Community Plans (4)



Mandatory solar policies (13)



Lease language (3)



Incentive programs (3)



RFP language for ZNE (2)

# Policy Focus – Mandatory Residential ZNE



## Policy Focus - Mandatory Solar Ordinances

### **Culver City**



1KW of solar per 10K sf for applicable projects

- New construction, additions, or major renovations over 10K sf
- Does not apply to 1-2 family structures, garages, or parking structures

#### Lancaster



0.5 kW to 1.5 kW depending on building type

### **San Francisco**



New construction <10 floors must install solar panels or solar water heaters on top of new buildings, both residential and commercial.

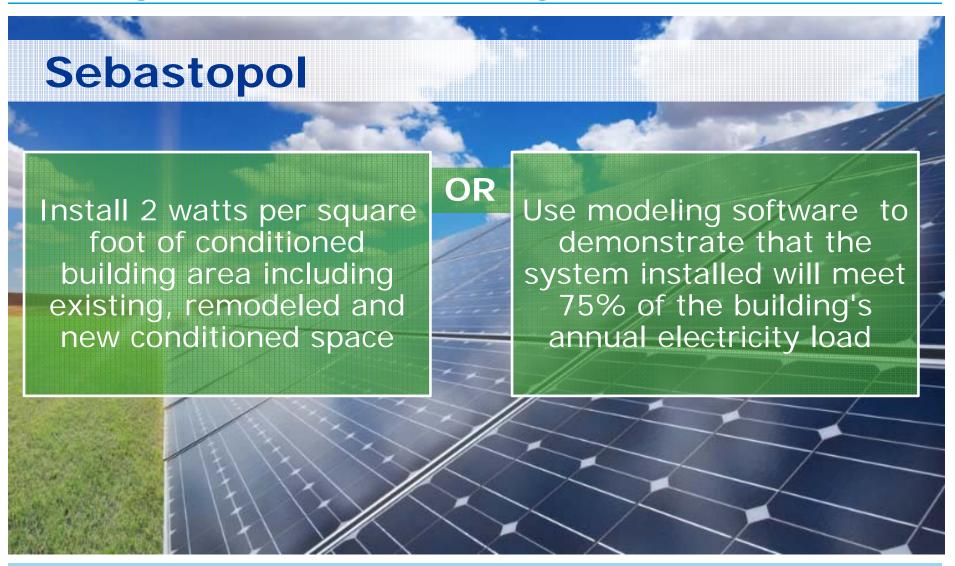
#### San Mateo



- Minimum size system for all new (1 kW to 5 kW depending on building type) or alternative solar hot water system
- Mandatory cool roofs for lowsloped commercial and multifamily of >0.70

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## Policy Focus - Mandatory Solar Ordinances



## Incentives (financial or alternative)

#### **PACE financing**



- Solar/distributed renewables
- Energy efficiency measures

# Solar rebates and incentives



- City-funded (SF, Marin)
- Utility-funded (LA, Pasadena, Plumas-Sierra)

#### **ZNE-specific**



- NYC: \$2-8K per unit under three performance tiers, the highest being for ZNE homes
- City of Watsonville: New Climate Impact Fee enacted, fully refunded for ZNE

#### PV Buydown Programs



- Anaheim, Truckee, Ukiah, etc.
- Bay AreaSunshares

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### **Non-financial incentives**

### City of Irvine:

No-fee solar permits



### San Diego:

**Expedited permits** 

### **Culver City:**

Plan check and permit fees (not to exceed \$5K) waived for energy efficiency improvements in specific areas

## **Example RFP Language**

### **Utility RFP**

Prepare a list of proposed design measures for the building to achieve a very low energy footprint in the range of at least 16-22 kBtu/sf, or less, along with supporting documentation and analysis.

## **Community College District RFP**

"This project shall be built in a manner that maximizes all possible sustainable attributes including, but not limited to, state-of-the-art building design, mechanical design, and material selection, and building integrated renewable energy generation systems to achieve zero-energy consumption and a carbon-neutral profile upon completion."

# **Looking Ahead**

