

# New Solar Homes Partnership (NSHP) Draft Guidebook Revisions

**DOCKET****06-NSHP-1**DATE SEP 23 2011RECD. SEP 23 2011

Renewable Energy Office

High Performance Building and Standards Development Office

Efficiency & Renewable Energy Division

CEC Staff Workshop

September 23, 2011



# Agenda

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1. Welcome
2. NSHP Program Statistics
3. Proposed Revisions
4. Additional Proposed Revisions
5. Questions
6. Written Comments
7. Contact Information

# NSHP Program Statistics

	Reserved	Approved for Payment
# of Systems	9406	4312
\$ (Millions)	63.4	37.1
MW (AC)	23.1	13.2

# Proposed Revisions:

## General Program Changes

- Removal of the 180-Day Window between the issue date of a solar permit and the certificate of occupancy.
- Clarifies Definition of Permanent Foundation
- Clarifies Definition of Transient Housing
- Identification of the HERS Rater at the beginning of the NSHP process.

# Proposed Revisions:

## General Program Changes Continued

- Revises NSHP Forms
- Removal of the NSHP-1.5 form
- Virtual Net Metering (VNM) allowed for multifamily housing
- Affordable Housing Common Areas will receive the market-rate housing incentive.

# Proposed Revisions: Revised Incentive Decline Schedule- Affordable Housing

Residential Dwelling Unit Incentive (per watt, reference system)	Common Area Incentive (per watt, reference system)	Reserved Volume (MW-AC)
\$3.50	\$3.30	3.3
<b>\$3.15</b>	<b>\$2.97</b>	<b>N/A</b>
<b>\$3.15</b>		<b>0.5</b>
\$2.80		0.6
\$2.45		0.8
\$2.10		1.1
\$1.75		1.5
\$1.40		2.0
\$1.05		2.5
\$0.70		3.2
\$0.35		4.0

# Proposed Revisions: Revised Incentive Decline Schedule- Market-Rate Housing

Tier I Incentive (per watt, reference system)	Tier II Incentive (per watt, reference system)	Reserved Volume (MW-AC)
\$2.50	\$2.60	33
<b>\$2.25</b>	<b>\$2.35</b>	<b>N/A</b>
<b>\$2.25</b>	<b>\$2.50</b>	<b>10</b>
\$2.00	\$2.25	12
\$1.75	\$2.00	16
\$1.50	\$1.75	22
\$1.25	\$1.50	30
\$1.00	\$1.25	40
\$0.75	\$1.00	50
\$0.50	\$0.75	64
\$0.25	\$0.50	80

# Proposed Revisions: Energy Efficiency

- NSHP application must occur prior to the building's walls being enclosed.
- Energy efficiency field verification required prior to the building's walls being enclosed.
- Field Inspection Energy Checklist (CF-4R-EE NSHP)
  - Part 1: Pre-Wall Enclosure Inspection
  - Part 2: Final Inspection
- Special Features
  - Identified and Unidentified



# Proposed Revisions:

## Energy Efficiency Continued

- Buildings where a portion of the electric load is offset by a solar energy system must meet energy efficiency requirements
- Installations on renovated, existing residential buildings
  - Only buildings permitted as new construction are allowed.
- Common area spaces
  - Attached to a residential building
  - Detached from a residential building
- Mixed-Use Buildings
  - E.E. requirements remain the same
  - Solar incentive based on 20% non residential space

# Proposed Revisions:

## Energy Efficiency Continued

- Issues with uploading nonresidential compliance documents (PERF-1) to the HERS provider registry.
  - Meet energy efficiency standards acceptance testing requirements instead of using the CF-4R-EE NSHP.

# Additional Proposed Revisions

- Removal of the 2-Year Occupancy Exception for Affordable Housing Projects (CPUC Decision 11-07-031)
- Rebate Amount for affordable housing projects limited to 75% of the total installed cost. (PRC 25401.6)
- Rebate Amount for all other projects limited to 50% of the total installed cost.
- Increases in system size for approved reservations will be funded at the incentive level in effect at the time the increase is reported to the NSHP program administrator.

# Questions

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# Written Comments

- Must be submitted by 5:00 P.M. on September 30, 2011
- Include Docket Number 06-NSHP-1
- Subject Line: Staff Workshop on the Proposed Revisions to the NSHP Guidebook
- Mail to: California Energy Commission  
Dockets Office, MS-4  
Re: Docket No. 06-NSHP-1  
1516 Ninth Street  
Sacramento, CA 95814-5512
- Email to: [docket@energy.state.ca.us](mailto:docket@energy.state.ca.us) AND [lqnguyen@energy.state.ca.us](mailto:lqnguyen@energy.state.ca.us)



# Contact Information

- NSHP Program Administrators
  - <http://www.gosolarcalifornia.ca.gov/contacts/consumers.php>
- Renewable Energy Office
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