Proposed Changes to the New Solar Homes Partnership (NSHP) Guidebook

Renewable Energy Division
California Energy Commission
Charles Imbrecht Hearing Room
August 30, 2017

Geoff Dodson - Renewable Energy Division
Agenda

9:00  Welcome & Housekeeping

9:10  Staff Overview of Proposed Changes to the NSHP Guidebook

9:45  Questions/Public Comment
NSHP Program Goals

– Sustainable solar homes market; builder commitment to install solar energy systems
– High-performing solar systems on highly efficient residential construction
– Achieve 360 megawatts of installed solar electric capacity in California
– Solar on 50%+ of new homes
– Self-sufficient solar industry
Context for Proposed Changes

• Senate Bill 83 (2015) and CPUC Final Decision 16-06-006

• Statutory deadlines tied to the use of new funding source
Proposed Changes Aim to:

• Establish program participation deadlines

• Improve incentive design to maintain original goals

• Streamline application process and increase program participation
Participation Deadlines

• Reservation application **submittal** deadline: **April 1, 2018**
  – Encumbrance deadline: June 1, 2018

• NSHP-2 (Payment claim) **submittal** deadline: **August 31, 2021**
  – Payment disbursal deadline: December 31, 2021
Proposed Incentive Design

Incentive Levels

Increase incentive rate for code-compliant projects under the 2016 Energy Standards from $0.50/watt to $0.75/watt

<table>
<thead>
<tr>
<th>Level</th>
<th>Code-Compliant Incentive* (per watt, reference system)</th>
<th>Tier I Incentive** (per watt, reference system)</th>
<th>Tier II Incentive** (per watt, reference system)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>$1.00</td>
<td>$1.25</td>
<td>$1.50/$1.75****</td>
</tr>
<tr>
<td>7</td>
<td>$0.75</td>
<td>$1.00</td>
<td>$1.50</td>
</tr>
<tr>
<td>8</td>
<td>$0.50/$0.75</td>
<td>$0.75</td>
<td>$1.25</td>
</tr>
</tbody>
</table>

- 2013 code-compliant projects at level 8 will still receive the $0.50/watt rate
Proposed Streamlining Changes

Incentive Calculation
Discontinue the alternative calculation approach designed for large development projects with multiple building plans < 2500 square feet

PV System Verification
Allow NSHP FI-1 to be submitted at payment claim to calculate the incentive for systems that are minimally shaded and have recorded PV system verification results using the NSHP PV-3
Proposed Streamlining Changes

Energy Efficiency Documentation

Require all reservation applications to include Title 24 documentation demonstrating that the applicant’s project is meeting 2013 Energy Standards or better.
Proposed Streamlining Changes

Affordable Housing and Multifamily Projects

Allow a “Letter of Intent” to be submitted in lieu of an executed installation agreement at reservation stage. An executed installation agreement will be required before final payment approval.
Proposed Streamlining Changes

General Program Changes

• Revise the NSHP-1, NSHP-2, and NSHP-3 forms
• Provide clarification that the solar permit must be dated before the certificate of occupancy
• Discontinue requiring building permits and subdivision maps at reservation.
• Discontinue third-party financing agreements as a required document in the payment claim package.
Proposed Streamlining Changes

General Program Changes

• Eliminate the Incentive Disclosure Affidavit Form.
• Eliminate the Established Installer Reservation Form
• Limit of one extension request may be issued up to a maximum of 12 months, not to extend beyond August 31, 2021.
• Remove payment claim processing timeframe
Questions/Comments?

Please limit your questions or comments to 3 minutes each

For WebEx attendees: Please use “Raise Hand” function. We will un-mute you when it is your turn.
Submit Comments

• Please submit comments to the Energy Commission’s E-commenting online system by **5:00 pm on September 13, 2017**

• **Visit** [http://www.energy.ca.gov/e-filing/](http://www.energy.ca.gov/e-filing/)

  OR

• **Mail** to: California Energy Commission
  Dockets Office, MS-4
  Re: Docket No. 16-NSHP-01
  1516 Ninth Street
  Sacramento, CA 95814-5512
Thank you for participating!

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Today’s agenda and PowerPoint presentation will be available online at:
http://www.gosolarcalifornia.ca.gov/nshp/training/