

CALIFORNIA ENERGY COMMISSION1516 Ninth Street
Sacramento, California 95814Main website: www.energy.ca.gov

In the matter of the Design of the) Energy Commission
 New Solar Homes Partnership) Docket No. 06-NSHP-1
)
) Notice of Business Meeting
) RE: New Solar Homes Partnership

Notice to Consider Establishing a Waiting List for the New Solar Homes Partnership Program

The California Energy Commission will hold a Business Meeting on:

WEDNESDAY, NOVEMBER 16, 2011
 10 a.m.
 CALIFORNIA ENERGY COMMISSION
 1516 Ninth Street
 First Floor, Hearing Room A
 Sacramento, California
 (Wheelchair Accessible)

DOCKET	
06-NSHP-1	
DATE	<u>Oct. 28 2011</u>
RECD.	<u>Nov. 11 2011</u>

Audio from this meeting will be broadcast over the Internet.

For details, please go to:

www.energy.ca.gov/webcast

As part of the November 16, 2011 Business Meeting, the Energy Commission will consider adopting staff's recommendation to establish a waiting list for the New Solar Home Partnership Program (NSHP).

Background

The NSHP began in 2007 and is part of the California Solar Initiative, a comprehensive statewide solar program. The NSHP provides rebates to encourage the installation of eligible solar energy systems on energy efficient new homes and residential buildings. The goal of the NSHP is to install 400 MW of solar electric capacity on new homes and residential buildings by the end of 2016, helping to create a self-sustaining market for solar homes.

In December, 2006 the Energy Commission adopted administrative guidelines to govern the NSHP. The current guidelines, *New Solar Homes Partnership Guidebook, Third Edition* (Guidebook) describe the eligibility criteria and requirements for homeowners or

builders/developers to receive rebates for installing eligible solar energy systems on new homes and residential buildings.

As of October 17, 2011, the NSHP has made payments totaling \$37.3 million for 4,337 solar energy systems representing 13.3 MW of installed capacity.

Purpose

Beginning August, 2011, the Energy Commission has seen a temporary surge in the number of rebate reservation applications received for NSHP funding. Due to this surge in program activity, the amount of funding requested will exceed current program funds. To address this shortfall in program funding, Energy Commission staff is proposing to establish a waiting list for the NSHP and criteria for processing rebate reservation applications placed on the waiting list. The Energy Commission's current Guidebook does not provide the ability to establish a waiting list or criteria for processing applications placed on such a list.

Energy Commission staff recommend the following criteria be used to establish a waiting list for the NSHP.

- 1) Complete rebate reservation applications that have not already been issued a reservation by the Energy Commission will be placed on the waiting list based on the time and date the application is submitted to the Energy Commission's program administrators. These program administrators are Pacific Gas and Electric Company, Southern California Edison Company, and San Diego Gas & Electric Company. The Energy Commission is the program administrator for Bear Valley Electric Service.
- 2) For rebate reservation applications received by mail, the submitted date is the date the application is postmarked (or other identifying marks) by the post office. For applications submitted using the NSHP Online Application Tool, the submitted date is the date the application is electronically "Submitted".
- 3) Only complete rebate reservation applications with accurate information will be added to the waiting list. (Please see the attached checklist to prepare and submit a complete application.) Rebate reservation applications will be subject to the requirements, including the declining rebate levels, of the Guidebook in place at the time the application is submitted.
- 4) Incomplete rebate reservation applications will **not** be added to the waiting list and will be returned to the applicant. Applicants with incomplete applications may re-apply for program funding by submitting a new rebate reservation application. The new rebate reservation application will be subject to the requirements, including the declining rebate levels, of the Guidebook in place at the time the new application is submitted.

- 5) Requests for additional funding for a previously approved rebate reservation application, due to changes in the project design or the system size, design, or equipment, will be processed as a new rebate reservation application and placed on the waiting list based on the date and time that the complete application is submitted to the program administrator.
- 6) Rebate reservation applications on the waiting list will be processed on a first-come, first-served basis until available program funds are depleted. If additional program funds become available, these additional funds will be applied to the unfunded applications on the waiting list.
- 7) Unfunded rebate reservation applications will remain on the waiting list until December 31, 2012, unless the Energy Commission acts before this date to extend the waiting list. On December 31, 2012, the waiting list and any unfunded applications on the list will be automatically cancelled. Unfunded applications will need to re-apply for program funding by submitting a new rebate reservation application. The new rebate reservation application will be subject to the requirements in the Guidebook in place at the time the new application is submitted.

The waiting list will not affect projects with approved rebate reservations. Payment claims for approved rebate reservations will continue to be processed as specified in the Guidebook.

Written Comments

Staff encourages the submission of written comments by 5 p.m. on November 9, 2011. Comments will be accepted through the Business Meeting. Please include the docket number 06-NSHP-1, and indicate New Solar Homes Partnership in the subject line or first paragraph of comments. Please hand deliver or mail an original copy to:

California Energy Commission
Dockets Office, MS-4
Re: Docket No. 06-NSHP-1
1516 Ninth Street
Sacramento, CA 95814-5512

The Energy Commission encourages comments by e-mail. Please include your name or organization's name with your comments. Those submitting comments by electronic mail should provide them in either Microsoft Word format or as a Portable Document (PDF) to [docket@energy.state.ca.us]. **One paper copy** must also be sent to the Energy Commission's Docket Unit. Please also submit your comments to renewable@energy.state.ca.us to ensure that staff receives a copy.

Public Participation

The Energy Commission's Public Adviser provides the public assistance in participating in Energy Commission activities. For information on how to participate in this forum, please contact the Public Adviser's Office at (916) 654-4489 or toll free at (800) 822-6228, by FAX at (916) 654-4493, or by e-mail at [\[Public Adviser@energy.state.ca.us\]](mailto:PublicAdviser@energy.state.ca.us). If you have a disability and require assistance to participate, please contact Lou Quiroz at (916) 654-5146 at least five days in advance.

Please direct all news media inquiries to the Media and Public Communications Office at (916) 654-4989, or by e-mail at [\[mediaoffice@energy.state.ca.us\]](mailto:mediaoffice@energy.state.ca.us). For technical questions on the subject matter of this notice, please contact Le-Quyen Nguyen, Renewable Energy Program, at (916) 654-4650, or by e-mail at [\[lqnguyen@energy.state.ca.us\]](mailto:lqnguyen@energy.state.ca.us).

Date: October 28, 2011

Electronic Mail Lists: [Renewable](#), [GoSolar](#), [PV Calculator](#)

Attachment 1

NEW SOLAR HOMES PARTNERSHIP DOCUMENT CHECKLIST		
RESERVATION APPLICATION REVIEW	YES	N/A
NSHP-1 FORM		
• All fields on the form are completed	<input type="checkbox"/>	<input type="checkbox"/>
• Form signed by appropriate entities	<input type="checkbox"/>	<input type="checkbox"/>
FINAL SUBDIVISION MAP, if applicable		
• An official document with signatures from city/county officials	<input type="checkbox"/>	<input type="checkbox"/>
• All of the lots are illustrated on the map	<input type="checkbox"/>	<input type="checkbox"/>
BUILDING PERMIT, if applicable		
• Approved permit for the address listed on the NSHP-1	<input type="checkbox"/>	<input type="checkbox"/>
• The job description is for the construction of a new home	<input type="checkbox"/>	<input type="checkbox"/>
• If the job description is for an existing structure/alteration/remodel/fire-rebuild, provide additional details on the work being performed to the Program Administrator.	<input type="checkbox"/>	<input type="checkbox"/>
• If the new construction permit is final, the solar permit was issued before or up to 180 days after certificate of occupancy was issued.	<input type="checkbox"/>	<input type="checkbox"/>
CF-1R-PV		
• The PV Calculator and equipment libraries used are certified at the time the reservation application is submitted	<input type="checkbox"/>	<input type="checkbox"/>
• Project address matches the NSHP-1	<input type="checkbox"/>	<input type="checkbox"/>
• Climate zone matches the CF-1R	<input type="checkbox"/>	<input type="checkbox"/>
• The correct housing type is selected	<input type="checkbox"/>	<input type="checkbox"/>
• Equipment matches the equipment purchase agreement	<input type="checkbox"/>	<input type="checkbox"/>
• The form is signed by the appropriate entities	<input type="checkbox"/>	<input type="checkbox"/>
• The data in the .her file matches the data on the form	<input type="checkbox"/>	<input type="checkbox"/>
EQUIPMENT PURCHASE AGREEMENT		
• List of the physical addresses for the system installations	<input type="checkbox"/>	<input type="checkbox"/>
• Quantity, make and model of the modules, inverters, and meters to be installed at each address	<input type="checkbox"/>	<input type="checkbox"/>
• Equipment matches the equipment listed on the CF-1R-PV	<input type="checkbox"/>	<input type="checkbox"/>
• If micro-inverters are being installed, the standalone meter is listed on the CEC-eligible meter list: www.gosolarcalifornia.ca.gov/equipment/system_perf.php	<input type="checkbox"/>	<input type="checkbox"/>
• Total system cost of the eligible equipment and/or labor	<input type="checkbox"/>	<input type="checkbox"/>
• Agreement executed within 24 months of reservation application being submitted	<input type="checkbox"/>	<input type="checkbox"/>
• Signed by both the applicant and the retailer	<input type="checkbox"/>	<input type="checkbox"/>
• Retailer is a CEC-registered retailer. Look up retailer here: www.gosolarcalifornia.ca.gov/database/search-new.php	<input type="checkbox"/>	<input type="checkbox"/>
• An invoice may be submitted showing that the equipment has been purchased.	<input type="checkbox"/>	<input type="checkbox"/>
• Invoice should include equipment details and total cost.	<input type="checkbox"/>	<input type="checkbox"/>
• Signed by both the applicant and the retailer (not required if homeowner buys their own equipment)	<input type="checkbox"/>	<input type="checkbox"/>
• Equipment should still be sold by an Energy Commission-registered retailer. Look up retailer at: www.gosolarcalifornia.ca.gov/database/search-new.php	<input type="checkbox"/>	<input type="checkbox"/>
• Invoice shows that a minimum of 10% of the cost or \$1000 has been paid, whichever is less	<input type="checkbox"/>	<input type="checkbox"/>
• An equipment purchase agreement can be waived with a valid lease agreement	<input type="checkbox"/>	<input type="checkbox"/>

Attachment 1

<ul style="list-style-type: none"> or PPA that meets the following criteria: <ul style="list-style-type: none"> • Term of agreement is a minimum 10 years • Lessee provided the options to renew the lease, buy (purchase price) or remove the system at the end of the initial term of the lease • Shows how the NSHP rebate directly benefits the lessee (i.e., purchase price, NSHP rebate amount should be listed) • Agreements should be signed on or after July 1, 2009 	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
LABOR CONTRACT		
<ul style="list-style-type: none"> • Require all of the following: <ul style="list-style-type: none"> • Name, address and contractor's license number of the company performing the system installation • Site address for the system installation • Description of the work to be performed • Total agreed price to install the system; payment terms (payment dates and dollar amounts) • Printed names and signatures of the applicant and the installer • The installer must have an active A, B, C-10 or C-46 license. Look up license here: https://www2.cslb.ca.gov/OnlineServices/CheckLicense/LicenseRequest.asp • The installer is a CEC-registered installer. Look up installer here: http://www.gosolarcalifornia.ca.gov/database/search-new.php 	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
CF-1R/PERF-1 (pre-plan review)		
<ul style="list-style-type: none"> • The CF-1R is created using compliance software for the Building Standards of which the project had applied a building permit under 	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • The CF-1R states (or can be calculated) that the project is at a minimum 15 percent beyond the appropriate set of Building Standards 	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • Project name and address, if provided, match that on the NSHP-1 	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • Climate zone matches that on the CF-1R-PV 	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • A CEPE/CEA is the documentation author and signed the CF-1R/PERF-1 • CEPE/CEA is qualified to author the CF-1R for the appropriate set of Standards. Look up CEPE qualification here: http://cabec.org/ceperosterall.php • A residential CEPE creates documents for residential projects. A non-residential CEPE creates documents for non-residential projects 	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<ul style="list-style-type: none"> • A .bld/.mp7/.mp8 file is submitted. 	<input type="checkbox"/>	<input type="checkbox"/>
CONSTRUCTION PLAN-SET (pre-plan review)		
<ul style="list-style-type: none"> • Architectural, Electrical, Mechanical, and Plumbing (as applicable or available) • A window and door schedule that shows sizes and includes ALL skylights (if not shown on the floor plan) • Elevation, wall, roof, floor construction assemblies • Floor finish schedule (if CF-1R shows High Mass Design) • A list of lots and addresses • A site plan with a North arrow 	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
REGULATORY AGREEMENT		
<ul style="list-style-type: none"> • The agreement is executed 	<input type="checkbox"/>	<input type="checkbox"/>
<ul style="list-style-type: none"> • The agreement: <ul style="list-style-type: none"> • Identifies the project, location, and the number of units subject to affordability requirements (at least 20 percent for extremely low, very low, lower or moderate income persons) • At a minimum, restricts affordability for 10 years 	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

Attachment 1

BUILD-OUT SCHEDULE, if applicable		
<ul style="list-style-type: none"> • Name and location of the project • A project timeline for when the homes with solar installed will have finished construction. • Dates that the solar PV is expected to begin and finish installation. • Expected dates that the payment claims will be submitted. 	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
WEBTOOL ENTRY		
<ul style="list-style-type: none"> • Project information is consistent with the NSHP-1. • All attachments required of the project are uploaded. • Equipment, TDV and rebate amount match CF-1R-PV • Payee matches NSHP-1 • Compliance margin matches CF-1R 	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>