

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

Notice of Availability

New Solar Homes Partnership Guidebook

Third Edition

CEC-300-2010-001-CMF/Docket No. 06-NSHP-1

The New Solar Homes Partnership (NSHP) is part of a comprehensive statewide solar program known as the California Solar Initiative (CSI). The NSHP implements the Energy Commission's portion of the CSI and provides financial incentives to encourage the installation of eligible solar energy systems on new residential construction. The Energy Commission will work with builders and developers to incorporate high levels of energy efficiency and high-performing solar systems to help create a self-sustaining solar market. The NSHP seeks to achieve 400 megawatts of installed solar electric capacity in California by the end of 2016.

This revised Guidebook, adopted by the Energy Commission at its Business Meeting on January 27, 2010, describes the requirements to receive incentives for constructing energy efficient, solar homes under the NSHP.

Accompanying this Notice of Availability is Attachment 1, which contains errata that was presented and adopted at the Energy Commission's Business Meeting on January 27, 2010. The errata has been incorporated in the revised Guidebook.

This revised Guidebook is available free from the Energy Commission's website at:

www.energy.ca.gov/renewables/06-NSHP-1/documents/index.html

A print copy is available for \$5.00 through the Energy Commission's Publications Unit. Please send request and check or money order made out to the California Energy Commission to:

California Energy Commission
Re: New Solar Homes Partnership Guidebook
[Publication No. CEC-300-2010-001-CMF]
Publications, MS-15
1516 Ninth Street
Sacramento, CA 95814-5504

Please call the Publications Unit at (916) 654-5200 with any questions.

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].

Other Inquiries

If you have technical questions regarding the subject matter of this notice or Guidebook, please contact Sandy Miller, NSHP Program Lead, at (916) 654-5166 or by e-mail at smiller@energy.state.ca.us.

For inquiries regarding the mail list, please call the Project Secretary, Gina Fontanilla at (916) 654-4524.

Electronic Mail List: Go Solar California, Renewables, PV Calculator

Attachment 1

ERRATA TO THE NEW SOLAR HOMES PARTNERSHIP COMMITTEE DRAFT GUIDEBOOK

The following list of Errata was adopted as part of the proposed revisions to the *New Solar Homes Partnership Guidebook* (Guidebook) at the Energy Commission's January 27, 2010, Business Meeting. The Errata provide staff clarifications and conforming changes to the text of the *Guidebook* based on party comments received during the comment period. The Errata below are edits to the Committee Draft Guidebook.

Errata to the Guidebook are presented in gray highlight to make it easier to identify the changes.

I. INTRODUCTION

C. Summary of New Solar Homes Partnership Guidebook Requirements

Page 6, "Program Element – Energy efficiency requirements," is revised as follows:

Energy efficiency requirements	<u>At least Tier I defined as 15% greater efficiency than the base level of the Building Energy Efficiency Standards (Title 24) in effect at the time of building permit on the date the building permit was applied for. Tier II, higher levels of energy efficiency are strongly encouraged. Tier I – Title 24 + 15% or higher. Tier II – Title 24 + 35% or higher and 40% or higher for cooling energy. Energy Star for builder installed appliances. Solar water heating can be used to help meet Tiers.</u>
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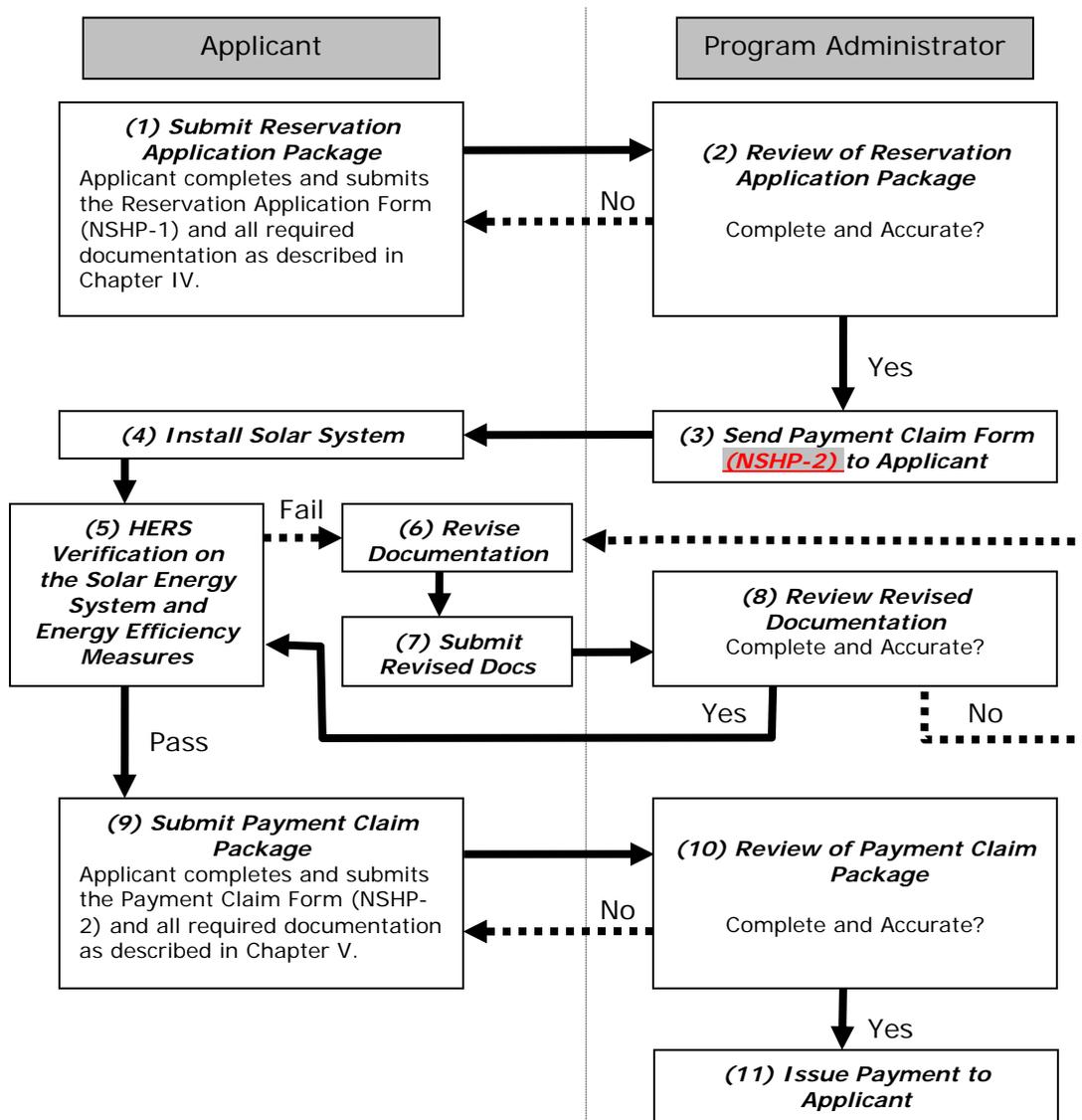
Page 6, "Program Element – Field Verification," is revised as follows:

Field Verification	<u>Solar energy system installation, equipment and performances shall be verified by the installing contractor and a qualified HERS Rater. and ALL ALL energy efficiency measures used to meet the above Title 24 requirements code level required for program participation are shall be verified by a qualified HERS Rater. Verification of some energy efficiency measures may be required to be completed as early in the construction process as foundation or rough-in.</u>
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D. Flow Charts of the NSHP Application and Payment Process

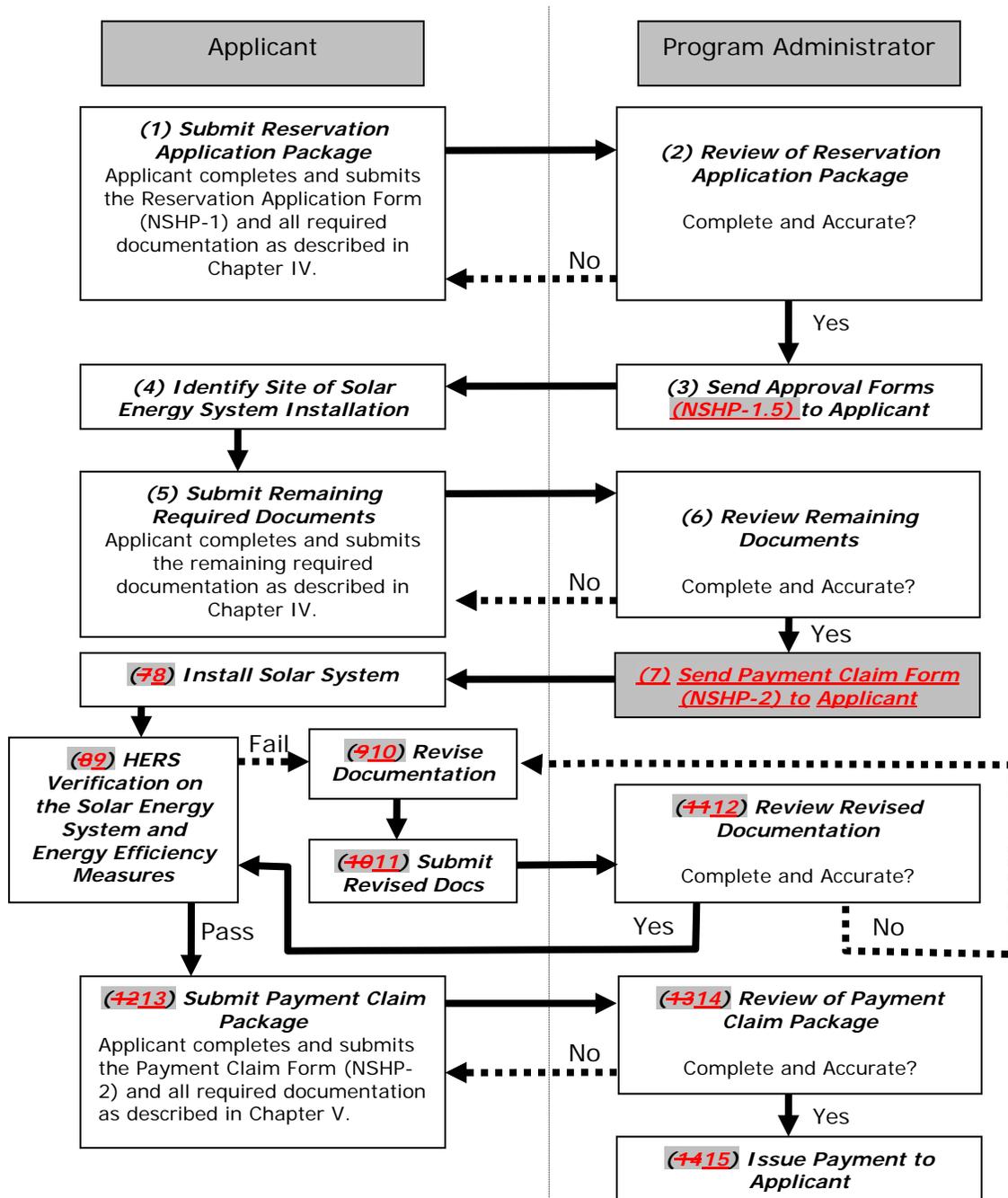
Page 7, Figure 1, is revised as follows:

Figure 1
Application Process Flow Chart for All Projects, Except Solar as an Option



Page 8, Figure 2, is revised as follows:

Figure 2
Application Process Flow Chart for Solar as an Option Projects



F. Applicability of Guidebook Changes to Existing Applications

Page 9 is revised as follows:

1. The rules below explain the applicability of this third edition of the NSHP Guidebook to existing applications. For purposes of this section, “adoption date” means the date the Energy Commission adopts this edition of the Guidebook, and an “approved application” means one that the Commission approved prior to the adoption date. An approved application that has not received an approved payment claim will continue to be governed by the previous Guidebook versions except as follows:
 - a) Applicants are permitted to enter into leasing/PPA agreements as long as they comply with the requirements in Chapter II, Section L.
 - b) Applicants may increase the size of their systems but payment will be capped based on 7.5 kW AC per system.
 - c) Applicants do not have to submit the final building permit signoff or final invoice, and may follow the third edition in regards to utility interconnection, EPBI and Energy Efficiency Documentation.

II. PROGRAM ELIGIBILITY REQUIREMENTS

B. Residential Building Energy Efficiency

Page 13 is revised as follows:

Field verification of all energy efficiency measures used to meet the above Title 24 requirements will be required and reported on the CF-4R-NSHP form and be consistent with current Title 24 Standards field verification procedures and protocols. In addition, ~~for either Tier I or II,~~ each appliance provided by the builder must be Energy Star labeled if *Energy Star* is applicable to that appliance. Solar water heating may be used to assist in meeting the energy efficiency requirements of either Tier I or Tier II.

E. System Performance Meter

Page 15 is revised as follows:

All solar energy systems must be installed with a standalone performance meter or an inverter with a built-in performance meter so that the customer can determine the amount of energy produced by the system.

K. Equipment Sellers/Installers

Page 17 is revised as follows:

To participate in the NSHP, companies ~~that~~ who sell and/or install solar energy system equipment must be self-registered ~~registered with~~ the Energy Commission's Contractors, Installers, and Sellers Database (Database). Equipment sellers/installers should have the following information available prior to self-registration:
~~with the following information on the Retailer Registration form, NSHP-4:~~

1. Business name, address, phone, fax, and e-mail address
2. Owner or principal contact
3. Business license number
4. Contractor license number (if applicable)
5. Proof of good standing on record with the California Secretary of State, as required for corporate and limited liability entities
6. Reseller's license number

~~Self registration can be done on-line at: [\[http://gosolarcalifornia.ca.gov/retailers/search-new.php\]](http://gosolarcalifornia.ca.gov/retailers/search-new.php).~~

~~This information must be submitted to the Energy Commission through the self-registration process before a company can become eligible to participate in the NSHP. To remain eligible, this information must be resubmitted annually by March 31. Annual submittal is required even if the information identified in the company's prior submittal has not changed. In addition, a company must submit an updated NSHP-4 form within 30 days of the date any of its reported information has changed.~~

~~Self-registration can be done on-line at:
<http://www.gosolarcalifornia.ca.gov/database/addcompany.php>.~~

~~Sellers, contractors, or installers that are listed in the online Database should maintain their information on a regular basis. This can be done using the log-on account name and password provided when the company has registered. Updates can be done online at:~~

~~<http://www.gosolarcalifornia.ca.gov/database/update.php>~~

~~The Energy Commission will send out emails periodically to remind companies to update their online information, contacts, and other data.~~

~~It is the responsibility of each company to maintain its online information. If the Energy Commission's e-mails are returned as undeliverable, and the Energy Commission cannot reach that company by phone or by regular U.S. mail, the Energy Commission~~

reserves the right to remove the company from the online Database after a three-month period.

L. Leases and Power Purchase Agreements

Page 18 is revised as follows:

Solar energy systems that are leased by an end-use customer or provide electricity to an end-use customer under a power purchase agreement (PPA) are eligible for NSHP funding if the lease agreement or PPA is executed and has a start date on or after July 1, 2009. Lease agreements and PPAs that are executed or have a start date prior to July 1, 2009, are not eligible for funding even though the system may have been installed after this date. Lease agreements and PPAs must have an initial term of no less than 10 years and must provide the lessee or customer the option to renew the agreement, purchase the system, or remove the system at the end of the initial agreement term of the agreement. In addition, lease agreements and PPAs must demonstrate that the NSHP funding benefits the end-use customer by directly and exclusively reducing the lease payments for the system or the cost of electricity produced by the system.

IV. RESERVATION PROCESS

A. Types of Reservations

3. Affordable Housing

b. Individual Meter Requirement

Page 28, first paragraph, is revised as follows:

EXCEPTION: Affordable housing projects that qualify for virtual net metering (VNM) as adopted by the California Public Utilities Commission (CPUC) in Decision 08-10-036 are not required to separately net-meter the solar energy system for each residential dwelling unit that will be provided allocated electricity from the solar system.

B. Forms and Documentation

2. Proof of Residential New Construction

a. For Solar as Standard Projects

Page 29 is revised as follows:

~~A copy of the tentative (or final, if available) subdivision map, or “tract map” must be submitted. Each residential building included site in the reservation must be indicated as pre-plotted locations on the map for the reservation. If the residential buildings sites are not pre-plotted, then an application does not qualify for the Solar as Standard incentive reservation and must use the criteria outlined in Section B of this chapter under Base Incentive.~~

4. Energy Efficiency Documentation

Page 31, second, fourth and fifth paragraphs, are revised as follows:

~~Only Residential energy efficiency documentation (CF-1R) must be completed by a Certified Energy Plans Examiner (CEPE) approved for residential compliance by the California Association of Building Energy Consultants (CABEC) will be accepted. Nonresidential energy efficiency documentation (PERF-1) must be completed by a CEPE approved for nonresidential compliance by CABEC. For a list of CEPEs, visit the CABEC website at: [http://www.cabec.org/ceperosterall.php].~~

Applicants must submit the CF-1R (or PERF-1 when relevant applicable) and other required energy efficiency documentation forms and the associated digital input files (e.g. *.bld or *.mp7, *.mp8), generated directly by one of the Energy Commission-approved Title 24 compliance software programs, showing all of the measures used to meet the energy savings requirements. The CF-1R (or PERF-1 when relevant applicable) and other energy efficiency documentation forms must be consistent with the construction plan-set.

~~Applicants must submit the CF-1R form and the The associated digital input files (e.g. *.bld or *.mp7, *.mp8) in digital format which may will be used for uploading into the data registry of one of the Energy Commission approved HERS Providers.~~

5. Equipment Purchase Agreement and Installation Contract

a. For Solar as Standard Projects

Page 34 is revised as follows:

~~Additional information is required for contracts to be properly executed.~~ For more information on CSLB guidelines, please refer to their website at: [\[www.cslb.ca.govhttp://www.cslb.ca.gov/\]](http://www.cslb.ca.gov)

~~The Energy Commission requires all contracted installations to be done by entities with a valid A, B, C-10 or C-46 contractor license. When systems are installed by the builder’s employees, those employees are not required to be licensed. However, the Energy Commission strongly encourages installation by qualified installers since the~~

~~expected performance and incentive amount depend in part on the quality of system installation.~~

For systems that are leased or provide electricity under a power purchase agreement, instead of providing both an equipment purchase agreement and installation contract, applicants must provide an installation contract that lists the proposed equipment to be installed.

V. PAYMENT PROCESS

A. Forms and Documentation

2. Expected Performance Based Incentive Documentation

Page 43 is revised as follows:

Applicants must submit signed copies of a Certificate of Field Verification and Diagnostic Testing (CF-4R-PV) for each solar energy system ~~for each residential building~~ consistent with the procedures found in Appendix 42. When the Program Administrator has online access to a HERS Provider Registry for verification purposes, Electronic electronic copies of a CF-4R-PV that are registered in a HERS Provider data registry are acceptable in lieu of a signed CF-4R-PV and shall be verified by the Program Administrator.

3. Energy Efficiency Documentation

Page 44, third and fourth paragraphs, is revised as follows:

Applicants must submit a signed copy of the Certificate of Field Verification and Diagnostic Testing (CF-4R) for ~~all any energy efficiency~~ HERS verification measures installed to meet either Tier I or Tier II. When the Program Administrator has online access to a HERS Provider Registry for verification purposes, Electronic- electronic copies of a CF-4R that are registered in a HERS Provider data registry are acceptable in lieu of a signed CF-4R and shall be verified by the Program Administrators. A CF-4R is required when indicated by the statement “HERS Verification Required” on the CF-1R (or PERF-1).

~~When the field verification and diagnostic testing is performed using the sampling approach, builders must submit only a CF-4R form for each residential building that is sample tested for a group of up to seven units for which compliance was verified based on the results of the sample. Builders may be required to provide copies of Certificates of Field Verification and Diagnostic Testing for other residential buildings in the group upon request.~~

Applicants must submit a signed copy of the Above Code Energy Efficiency Measures Verification Checklist (CF-4R-NSHP) for all energy efficiency measures used to meet

~~the above Title 24 requirements installed to meet either Tier I or Tier II. When the Program Administrator has online access to a HERS Provider Registry for verification purposes, Electronic electronic copies of a CF-4R-NSHP that are registered in a HERS Provider data registry are acceptable in lieu of a signed CF-4R-NSHP and shall be verified by the Program Administrators. The CF-4R-NSHP is generated from the CF-1R (or PERF-1) and will be unique to the energy efficiency measures proposed for a specific design. The CF-4R-NSHP is always required regardless of the use of any HERS verification measures.~~

APPENDIX 1 – FREQUENTLY ASKED QUESTIONS

C. Time Extensions

Page 50 is revised as follows:

~~No time extensions will be granted to existing reservations under any circumstances. Projects with valid, unexpired reservations as of January 1, 2010, with an expiration date prior to December 31, 2011, are automatically granted a one-time time extension as follows:- Solar as Standard and affordable housing projects have an additional 12 months from after the expiration date of their reservations as stated on the NSHP-2 to submit a payment claim packages. Base incentive projects have an additional six months from after the expiration date of their reservation as stated on the NSHP-2 to submit payment claim packages.~~

~~No other time extensions will be granted to any other projects under any circumstances.~~

APPENDIX 2. FIELD VERIFICATION AND DIAGNOSTIC TESTING OF SYSTEMS

E. Field Verification Visual Inspection

1. PV Modules

Page 62 is revised as follows:

The PV installer and the HERS rater ~~must shall~~ verify that the ~~same number make, model, and quantity of each make and model number~~ of PV modules ~~used in the expected performance calculations specified on the CF-1R-PV~~ are installed in the field. The PV installer and HERS rater ~~must also shall~~ verify the module mounting type (flush mounted BIPV or rack mounted) and in the case of rack mounted modules, the standoff distance of the modules above the mounting surface. The PV installer and the HERS rater ~~also must observe and shall~~ verify the mounting height of the modules ~~above the ground (either one story, two story or measured minimum applicant specified distance height above the ground).~~

G. Verification of System Performance

4. Multiple Orientation Arrays

Page 80 is revised as follows:

Multiple orientation arrays are those with parallel strings, each with an equal number of modules, in different orientations (azimuth and tilt) and ~~For larger systems, PV modules connected to the same inverter, may be installed with strings of equal numbers of modules connected in parallel in more than one orientation, each with its own tilt and azimuth (note that it is bad practice to install such strings in series or with a different number of modules in each string; either of these installations will lead to substantial reductions in performance). When strings are installed in multiple orientation arrays~~When parallel strings in different orientations are connected to the same inverter, separate CF-1R-PV forms must be prepared for each orientation and solar irradiance must be measured separately in a plane parallel to each ~~string that has a different azimuth and tilt orientation.~~ Field verification will require separate CF-6R-PV and CF-4R-PV forms for each orientation. The expected ~~output~~ AC power output is determined separately for each ~~condition~~ orientation and the sum is used for verification purposes.

NSHP-1

RESERVATION APPLICATION FORM NEW SOLAR HOMES PARTNERSHIP

1. Applicant Name and Contact Information

Homeowner or Builder/Developer Name	Phone Number	Email Address
Please check one of the following: I am the: <input type="checkbox"/> Homeowner <input type="checkbox"/> Builder/Developer		
Mailing Address	City:	State: Zip Code:
Contact Name (if different from above) & Company	Address	Phone, Fax and Email Address

2. Project Description

Please give a general project description including the site address of development.

Name of project: _____

Address to where the system will be installed (if this is a housing development, only the city or location to nearest city needs to be specified): _____

Please check all that apply to your project:

- Occupancy type: Single Family Multifamily/Mixed-Use Occupancy
- Reservation type: Solar as Standard (More than 50 percent of the residential dwelling units in a large project (minimum of 6 residential dwelling units) will have solar energy systems installed)
- Base Incentive
- Custom home
 - Small housing developments with less than 6 residential units
 - Projects where solar will be installed on less than 50 percent of the residential dwelling units
 - Common area systems in residential developments
 - Solar as an Option (Please note, if solar is offered as an option, your reservation can only be for up to 50 percent of the residential dwelling units in the project) Total number of residential dwelling units in the project: _____
- Total number of residential dwelling units with solar energy systems installed: _____
- Affordable Housing
- Total number of common areas systems installed: _____
 - Total number of residential dwelling units with solar energy systems installed: _____

Please note that only Solar as Standard, affordable housing, and solar as an option projects will receive a 36-month reservation. All others will receive an 18-month reservation.

For custom home applicants to complete

Anticipated new construction permit issue date(s): _____

Anticipated solar permit issue date(s): _____ Anticipated occupancy permit issue date(s): _____

Please note that the building permit for the solar energy system should be approved by the building code enforcement agency prior to the original occupancy of the newly constructed building, but no later than 60 days after the issuance of the occupancy permit.

3. Electric Utility, Participation in Utility's Energy Efficiency Program

Please select the utility providing electricity to the project: PG&E SCE SDG&E BVE

Is your project participating in the electric utility's residential new construction program? Yes No

Please note that projects participating in the electric utility's residential new construction program can waive the submission of the energy efficiency documentation.

4. Home Energy Rating System (HERS) Information¹ (if available)

	HERS Rater Company	HERS Rater	Phone number	HERS Provider
Energy efficiency measures verification				
Solar energy system field verification				

5. Required Supporting Documentation

Solar as Standard Projects:

- Final Subdivision Map
- EPBI Documentation
 - CF-1R-PV form
 - Electronic input files (.emf, .her)
- Equipment Purchase Agreement**
- Labor Contract (if separate from the equipment purchase agreement)
- Energy Efficiency Documentation*
 - CF-1R form
 - Electronic input file (.bld/.mp7/.mp8)
 - Construction plan set

Base Incentive Projects, except Solar as an Option:

- Final Subdivision Map/Building Permit
- EPBI Documentation
 - CF-1R-PV form
 - Electronic input files (.emf, .her)
- Equipment Purchase Agreement**
- Labor Contract (if separate from the equipment purchase agreement)
- Energy Efficiency Documentation*
 - CF-1R form
 - Electronic input file (.bld/.mp7/.mp8)
 - Construction plan set

Solar as an Option Projects:

- Final Subdivision Map
- Equipment Purchase Agreement**
- Labor Contract (if separate from the equipment purchase agreement)
 - [Build-Out Schedule](#)

To be submitted later when installation details are specified:

- EPBI Documentation
 - CF-1R-PV form
 - Electronic input files (.emf, .her)
- Energy Efficiency Documentation*
 - CF-1R form
 - Electronic input file (.bld/.mp7/.mp8)
 - Construction plan set

Affordable Housing Projects: in addition to a copy of the regulatory agreement, submit all required supporting documentation pertaining to the project's housing type. TCAC projects have up to 60 days after funding approval to submit the Energy Efficiency Documentation.

*Waived if ~~proof of participating in~~ a utility residential new construction program ~~is provided~~

**In the case of lease or PPA projects, an installation contract with equipment listed shall replace the equipment purchase agreement.

6. Declaration

The undersigned party declares under penalty of perjury that the information in this form and the supporting documentation submitted herewith is true and correct to the best of his or her knowledge and acknowledges the following program requirements to reserve funding:

- Incentives are based on the expected performance of the systems installed.
- Buildings must achieve at ~~a the~~ minimum Tier I Energy Efficiency to be eligible for the program.
- [Systems that are leased or provide electricity under a power purchase agreement are subject to special reporting requirements. Applicant may be required to repay some or all of the NSHP funding he or she receives if the system is leased or provides electricity through a power purchase agreement, and the lease agreement or power purchase agreement is terminated within five years of the system's installation or the start date of the agreement, whichever is later.](#)

The undersigned party further acknowledges that he or she is aware of the requirements and conditions of receiving funding under the New Solar Homes Partnership (NSHP) and agrees to comply with all such requirements and conditions as provided in the Energy Commission's NSHP Guidebook, [Third Edition](#), and Overall Program Guidebook as a condition to receiving funding under the NSHP. The undersigned party authorizes the Energy Commission, during the term of the NSHP, to exchange information on this form with applicable electric utility servicing the project to verify compliance with NSHP requirements.

Signature, Assignment of Administrative Rights and Incentive Recipient Information

Homeowner or
Builder/Developer Name: _____ Date: _____

Signature: _____ Title: _____

(Optional)

- I, the applicant, am designating _____ as my authorized representative for the New Solar Homes Partnership program. This party is permitted to sign the NSHP-2(s) and any revised EPBI Documentation on this project on my behalf.

[Designated Payee of](#)
NSHP Incentive [Recipient:](#) _____

[Payee's Recipient's](#)
Address: _____

¹ It will be [the](#) responsibility of the applicant to provide this information to the program administrators at the earliest opportunity, if not available at this time. This information is used to upload the project information to the HERS registry and has to occur in a timely manner at least 6 months prior to the field verification process.

NSHP-1.5

SOLAR AS AN OPTION APPROVAL FORM NEW SOLAR HOMES PARTNERSHIP

1. Confirmation of Reservation Amount

This is to confirm that financial incentives have been reserved for _____ through the NSHP. The amount of funding reserved for your project is \$_____.

The reserved funding is based on the following formula:

Total number of homes in a development or build-out phase x 50% x 2 kW per home x base incentive

Your reservation period begins _____ and will expire on _____. The payment will be made to _____ (**designated payee**).

The exact incentive amount for each site will not be confirmed until the applicant identifies a specific site to which a solar energy system will be installed. At that point, the applicant shall provide a copy of this form and the remaining required supporting documentation pertaining to the site to the Program Administrator. The Program Administrator will review and approve the information submitted. Once approved, the exact incentive amount will be confirmed, and the applicant will be provided a Payment Claim Form (NSHP-2) for the specified site.

2. Site Address

Address to where the system will be installed: _____

3. Home Energy Rating System (HERS) Information² (if previously not provided)

	HERS Rater Company	HERS Rater	Phone number	HERS Provider
Energy efficiency measures verification				
PV installation field verification				

4. Signatures

The undersigned parties declare under penalty of perjury that the information in this form and the supporting documentation submitted herewith is true and correct to the best of their knowledge.

Applicant/ Authorized Representative	Required Supporting Documentation
Name: _____ Title: _____ Signature: _____ Date: _____	<input type="checkbox"/> EPBI Documentation <ul style="list-style-type: none">• CF-1R-PV form• Electronic input files (.emf, .her) <input type="checkbox"/> Energy Efficiency Documentation* <ul style="list-style-type: none">• CF-1R form• Electronic input file (.bld/.mp7, .mp8)• Construction plan set <p><i>*Waived if proof of participation in a utility residential new construction program is provided</i></p>

For the latest mailing address information, visit [<http://www.gosolarcalifornia.ca.gov/contactus.html>]. Alternatively, you may submit your application via the NSHP application tool at [<https://www.newsolarhomes.org>]. Please visit the Go Solar California website for tutorials on how to use the application tool.

² It will be the responsibility of the applicant to provide this information to the program administrators at the earliest opportunity, if not available at this time. This information is used to upload the project information to the HERS database and has to occur in a timely manner at least 6 months prior to the field verification process.

NSHP-2

PAYMENT CLAIM FORM NEW SOLAR HOMES PARTNERSHIP

[CEC use only]

Reservation ID _____

Project Name
Address or _____

Site ID _____

Incentive @ _____ = \$ _____

Payment Approval Date: _____

1. Confirmation of Reservation Amount

_____ has been granted a reservation of \$ _____ for a _____ kW solar energy system. This reservation is for a _____ project and will expire on _____. The system is being installed at _____. The payment will be made to _____ (designated payee).

The solar energy system must be completed and the claim submitted with the appropriate documentation by the deadline. Claims must be postmarked by the expiration date or the reservation will expire. This reservation is non-transferable. System must be installed at the installation address.

2. Major System Equipment of Record (Modules, Inverters, Meters)

Quantity	Manufacturer	Model	Cost
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

3. System Details

Total System Price: _____ Total HERS Cost: _____ Lot Number: _____

Equipment Cost (before rebate): _____ PV HERS Cost: _____ Final Address: _____

Installation Cost: _____ EE HERS Cost: _____ Interconnection Date: _____

Sales Arrangement: Purchased Leased PPA Annual kWh: _____ New Construction Building Permit Issue Date: _____

Final Equipment Seller Name: _____	Final PV HERS Rater Name and Provider: _____
------------------------------------	--

Final System Installer Name: _____	Final EE HERS Rater Name and Provider: _____
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4. Modifications

Has any of the equipment or installation specifications changed since the reservation was approved? Yes No
If yes note the changes before claiming payment.

5. Payment Assignment

Is payment assigned to another party?

- Yes (Please fill out all the sections below.)
 No (Please skip Section 5 and complete all others.)

Assignment Request

I, _____, the designated payee applicant or authorized representative of the payee applicant as specified on the NSHP-1 form, hereby assign the right to receive payment for the above noted reservation under the NSHP to the following individual or entity and request that payment be forwarded to this individual or entity at the address below. An STD-204 should be submitted for the person/entity receiving the payment, if not already on record with the Energy Commission.

Name: _____
 Address: _____

 Phone Number: _____

As the designated payee applicant or authorized representative of the applicant as specified on the NSHP-1 form, I understand that I remain responsible for complying with the requirements of the NSHP and will remain liable for any tax consequences associated with the reservation payment, despite the payment's assignment. I further understand that I may revoke this payment assignment at any time prior to the Energy Commission's processing of the payment by providing written notice to the Energy Commission's Renewable Energy Office.

Signature: _____ Date: _____
 Name: _____ Title: _____

6. Signatures

The undersigned party ies declares s under penalty of perjury that the information in this form and the supporting documentation submitted herewith is true and correct to the best of his or her their knowledge. The party ies further declares s under penalty of perjury that the following statements are true and correct to the best of his or her their knowledge:

- (1) The electrical generating system described above and in any attached documents meets the terms and conditions of the Energy Commission's NSHP and has been installed and is operating satisfactorily as of the date stated below.
- (2) The electrical generating system described above and in any attached documents is properly interconnected to the utility distribution grid and has been issued utility approval to operate the system as interconnected to the distribution grid.
- (3) The rated electrical output of the generating system, the physical location of the system, and the equipment identified were installed as stated above.
- (4) Except as noted above, there were no changes in the information previously submitted for this system.

The undersigned party ies further acknowledges s that he or she they are aware of the requirements and conditions of receiving funding under the NSHP, including the special reporting and repayment requirements for leased systems and systems providing electricity under a power purchase agreement, and agree to comply with all such requirements and conditions as provided in the Energy Commission's NSHP Guidebook, Third Edition, and Overall Program Guidebook as a condition to receiving funding under the NSHP. As specified in the NSHP Guidebook, the undersigned applicant Purchaser authorizes the Energy Commission during the term of the NSHP to exchange information on this form with the electric utility servicing the system in order to verify compliance with the NSHP requirements.

<i>Applicant/ Authorized Representative</i>	<i>Required Supporting Documentation</i>	<i>Documents to be Verified by Program Administrator</i>
Name: _____	<ul style="list-style-type: none"> • Ten-Year Warranty Form (NSHP-3) • Payee Data Record (STD-204) <u>and IRS W-9 if requested</u> • Lease <u>or Power Purchase Agreement</u>, if applicable 	<ul style="list-style-type: none"> • Final EPBI Documentation (CF-4R-PV) • Final Energy Efficiency Documentation (CF-4R and/or CF-4R-NSHP) • Utility Approval of Interconnection
Title: _____		
Signature: _____		
Date: _____		

For the latest mailing address information, visit [<http://www.gosolarcalifornia.ca.gov/contactus.html>].