NSHP Reservation Documents

Handouts:

1. NSHP-1 Reservation Application Form

2. California Standard 204 Form (Payee Data Record)

3. Building Permit Example

4. Installation Contract Example

5. NSHP FI-1 Incentive Calculator Form

6. CF-1R Energy Efficiency Form
### NSHP-1

New Solar Homes Partnership Reservation Application Form

#### 1. Applicant Information and Contact Information

<table>
<thead>
<tr>
<th>Applicant Name (Homeowner or Homebuilder/Developer)</th>
<th>Applicant is:</th>
<th>Phone Number</th>
<th>Email Address</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>□ Homeowner</td>
<td>□ Homebuilder</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mailing Address</th>
<th>City</th>
<th>State</th>
<th>Zip Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary Contact Name (if different from applicant)</td>
<td>Address</td>
<td>Phone Number</td>
<td>Email Address</td>
</tr>
</tbody>
</table>

#### 2. General Project Information

Project Name: _______________________

Project Address (city and zip code for developments): _______________________

Occupancy Type:  □ Single Family  □ Multifamily  □ Mixed-Use

Project Type:
- □ Solar as Standard (50% or more of the residential dwelling units will receive solar, minimum of six units)
- □ Solar Not as Standard (Less than 50% of the residential dwelling units will receive solar, minimum of six units)
- □ Small Development (Two to five dwellings that will receive solar)
- □ Custom Home
- □ Affordable Housing

Total number of residential dwelling units in the project: ______

Total number of residential dwelling units with solar energy systems installed: ______

Total number of common area systems with solar energy systems installed: ______

[Affordable Housing only]: System is located in a community identified as disadvantaged (receives a score of 76% or higher on CalEnviroScreen Map at [https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-30](https://oehha.ca.gov/calenviroscreen/report/calenviroscreen-30))?  □ YES  □ NO

Building Energy Efficiency Standards project is subject to:
- □ 2016 (effective January 1, 2017)
- □ 2013 (effective July 1, 2014)
- □ 2008

Expected Energy Efficiency Level of Project (refer to Title 24 documentation [CF-1R or PERF-1]):
- □ Code-Compliant (2013/2016 Standards only)
- □ Tier I (2008/2013 Standards only)
- □ Tier II (2008/2013 Standards only)

Will this project be Virtually Net Metered (VNM)?
- □ Yes (fill in below)
- □ No

Residential Dwelling Units: %

Common Areas: %

Electric utility providing electricity to project:
- □ PG&E
- □ SCE
- □ SDG&E
- □ BVES

Project participating in electric utility new construction energy efficiency program (CAHP, CMFNH, Savings by Design): □ Yes □ No

#### 3. Additional Project Information

**Accessory Structures (all applicants)**

1. Does the project contain additional buildings on the lot (guesthouse, cabana, etc.)?  □ Yes, ______ buildings □ No

2. (If yes to previous): Do any of these buildings contain conditioned space?  □ Yes, ______ buildings □ No

3. (If yes to previous): Are any of these buildings on the same utility meter as the main residence?  □ Yes, ______ buildings □ No

**Please initial the following:**

I certify that the information entered above is correct: ______

I recognize that each building noted in #3 above must meet all NSHP energy efficiency requirements: ______

**Permit Dates (For Small Development and Custom Home applicants only):**

Anticipated or actual solar permit application date: ______

Anticipated or actual Certificate of Occupancy date: ______

**Please initial the following:**

I certify that, to the best of my knowledge, the above dates are correct: ______

I recognize that the my project will be ineligible if the solar permit is applied for more than 120 days after the issuance of the Certificate of Occupancy: ______
4. Solar Energy Systems Information

The system will be:  □ Self-Installed*  □ Installed by licensed contractor**

* For self-installed systems, provide either an equipment purchase agreement, or receipts/invoices showing at least 10% of the price or $1000 has been paid.
** For systems installed by a contractor, provide a copy of the installation contract.

System #1 Estimated NSHP Incentive (Attach Flexible Installation Calculator) ________
(If applicable)  System #2 ________  System #3 ________  System #4 ________  System #5 ________

Declaration and Acknowledgements (all projects)

Please initial the following:
I acknowledge that the NSHP incentive listed above is an estimate, and that the final specifications of the installed system will determine the final incentive.

Applicant’s Initials: ________

I acknowledge that in order to be eligible for NSHP incentives, the system components must be listed on the eligible equipment list, found at http://www.gosolarcalifornia.ca.gov/links/equipment_links.php.

Applicant’s Initials: ________

5. 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. Systems that are leased or provide electricity under a PPA are subject to special reporting requirements. An annual status report on the operation of the solar energy system must be submitted by the lessor or owner of the solar energy system. If the lease agreement or PPA is terminated and the system is removed from the building upon which it was originally installed within ten years of the system’s installation or the start date of the agreement, whichever is later, the lessor or system owner is responsible for the funding repayment.

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, Tenth Edition, and Building Energy Efficiency Standards (Title 24, Part 6) 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 the applicable electric utility servicing the project to verify compliance with NSHP requirements.

6. Signature, Assignment of Administrative Rights and Incentive Recipient Information

(Optional)
I, the applicant, designate ________________________________ as my authorized representative for the New Solar Homes Partnership program.
This party is permitted to sign the NSHP-2(s) on my behalf. The authorized representative also has the authority to modify the payee prior to payment or cancel the application.

Full Legal Name of the Designated Payee of the NSHP Incentive: ________________________________
Payee’s Address: ________________________________

Builder/Developer’s Representative or Homeowner Name (Applicant Name): ________________________________ Title: ________________________________
Applicant’s Signature: ________________________________ Date: ________________________________
PAYEE DATA RECORD

INSTRUCTIONS: Complete all information on this form. Sign, date, and return to the State agency (department/office) address shown at the bottom of this page. Prompt return of this fully completed form will prevent delays when processing payments. Information provided in this form will be used by State agencies to prepare Information Returns (1099). See reverse side for more Information and Privacy Statement.

NOTE: Governmental entities, federal, State, and local (including school districts), are not required to submit this form.

PAYEE’S LEGAL BUSINESS NAME (Type or Print)

SOLE PROPRIETOR – ENTER NAME AS SHOWN ON SSN (Last, First, M.I.)
John Smith

E-MAIL ADDRESS
John_Smith@yahoo.com

MAILING ADDRESS
1234 Main Street

CITY, STATE, ZIP CODE
Sacramento, CA 95814

BUSINESS ADDRESS

ENTER FEDERAL EMPLOYER IDENTIFICATION NUMBER (FEIN):

PAYEE ENTITY TYPE

☑ INDIVIDUAL OR SOLE PROPRIETOR

ENTER SOCIAL SECURITY NUMBER:

☑ Partnership

☑ Corporation

☑ Medical (e.g., dentistry, psychotherapy, chiropractic, etc.)

☑ Legal (e.g., attorney services)

☑ Exempt (nonprofit)

☑ All Others

NOTE: Payment will not be processed without an accompanying taxpayer I.D. number.

PAYEE RESIDENCY STATUS

☑ California resident - Qualified to do business in California or maintains a permanent place of business in California.

☑ California nonresident (see reverse side) - Payments to nonresidents for services may be subject to State income tax withholding.

☑ No services performed in California.

☑ Copy of Franchise Tax Board waiver of State withholding attached.

I hereby certify under penalty of perjury that the information provided on this document is true and correct. Should my residency status change, I will promptly notify the State agency below.

AUTHORIZED PAYEE REPRESENTATIVE’S NAME (Type or Print)
John Smith

TITLE
Homeowner

SIGNATURE

DATE
05/03/2017

TELEPHONE

Please return completed form to:

Department/Office: California Energy Commission

Unit/Section: New Solar Homes Partnership Program

Mailing Address: 1516 Ninth Street (MS 45)

City/State/Zip: Sacramento, CA 95814-5512

Telephone: N/A Fax: N/A E-mail Address: N/A
<table>
<thead>
<tr>
<th>WORK CATEGORY</th>
<th>INSPECTION REQUEST</th>
<th>PERMIT TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SETBACKS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FOUNDATION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SLAB</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MASONRY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAISSONS</td>
<td></td>
<td></td>
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<tr>
<td>GRADE BEAMS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HOLDDOWNS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*EROSION PRELIM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*ROUGH AREA GRADE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*COMP. REPORT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*SOILS/GEOL TLR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*DRIWAY ROUGH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*DRIWAY COMOP. REPORT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DO NOT INSTALL SUBFLOOR UNTIL THE BELOW HAVE BEEN INSPECTED AND SIGNED OFF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UI R FRAMING</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UI P PLUMBING</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UI P MEC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UI P INSULATION</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UI P EXTINGUISHING</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PERMIT NO:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASSESSOR'S PARCEL NO:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SITU:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PERMIT DESCRIPTION:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construct a 2258 sq ft 2-story SFD to include 3 bedrooms, 3 1/2 baths, living room, dining room, 104 sq ft covered porch with a 472 sq ft attached garage. Includes grading of approximately 100 cubic yards of cut and fill.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OWNER:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CONTRACTOR:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>COMMENTS:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>THIS PERMIT IS VOID IF FIELD INSPECTION REVEALS STRUCTURE OR USE TO BE ILLEGAL. The issuance of this permit does not confer legal status on any structure or a portion of any structure, except those portions of the structure expressly covered by this permit.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
O’Shea’s Contracting

Solar System Conditional Purchase Agreement

This Solar System Conditional Purchase Agreement (this “Agreement”) is entered into by the parties listed below (each a “Party” and collectively the “Parties”) as of the date signed by O’Shea below (the “Effective Date”).

<table>
<thead>
<tr>
<th>Customer</th>
<th>Name and Address</th>
<th>Seller</th>
<th>Name and Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Snow</td>
<td>1234 Winterfell Way Winterfell The North</td>
<td>O’Shea’s Contracting</td>
<td>123 Fake Street Sacramento CA 95814</td>
</tr>
<tr>
<td>Phone</td>
<td>(916) 111-1111</td>
<td>Phone</td>
<td>(916) 111-1111</td>
</tr>
<tr>
<td>E-mail</td>
<td><a href="mailto:Johnsnow@yahoo.com">Johnsnow@yahoo.com</a></td>
<td>E-mail</td>
<td><a href="mailto:OSheacontracting@yahoo.com">OSheacontracting@yahoo.com</a></td>
</tr>
<tr>
<td>Project Name</td>
<td>John’s Fake Project</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Customer desires to conditionally purchase from O’Shea the solar power systems described in the Exhibits to this Agreement. This Agreement sets forth the terms and conditions of the conditional purchase of the solar panel systems described in Exhibit 1 (the “Systems”) to be installed at the sites described in Exhibit 2 (the “Sites”). Where this Agreement is executed by Customer as the general contractor on behalf of the owner of the systems, references to “Customer” shall be read as the Systems “Owner”.

The exhibits listed below are incorporated by reference and made part of this Agreement.

Exhibit 1. Systems Description and Price
Exhibit 2. Installation Sites
Exhibit 3. General Terms and Conditions
Exhibit 4. Form of Solar Lease
Exhibit 5. Form of Site License

Customer: John Snow
Signature: John Snow
Printed Name: John Snow
Title: Custom Homeowner
Date: May 3rd, 2017

O’Shea’s Contracting

Signature: O’Shea Bennett
Printed Name: O’Shea Bennett
Title: Licensed Contractor
Date: May 3rd, 2017
NSHP Flexible Installation Certificate of Compliance

Test Run Calculation Name

95814 Zip Code

12 Climate Zone

Calculation Date 12/20/2016

Feb-17 Time 10:50:20 AM

Equipment Library

Number of Sites: 1

Inverters Per Site with Identical Design Details: 1

Calculation Type: Single Family, Market Rate, Residential

Efficiency Level: 2016, Code-Compliant

PV SYSTEM INFORMATION

Inverter Manufacturer and Model: Example Inverter

Module Manufacturer and Model: Example Module

Array #1 Module Quantity: 2

Array #2 Module Quantity: 3

Array #3 Module Quantity: 5

Total System Modules: 10

Initial Eligible System Size: 2.70 kW AC Receiving Incentives: 2.00

SHADING

<table>
<thead>
<tr>
<th>Array #</th>
<th>Minimally Shaded?</th>
<th>Annual Solar Access</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
<td>100%</td>
</tr>
<tr>
<td>2</td>
<td>Yes</td>
<td>100%</td>
</tr>
<tr>
<td>3</td>
<td>No</td>
<td>75%</td>
</tr>
</tbody>
</table>

CALCULATION RESULTS

<table>
<thead>
<tr>
<th>Incentive Level</th>
<th>Incentive Rate ($/watt)</th>
<th>Per Site Incentive</th>
<th>Project Incentive</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>$1.25</td>
<td>$2,500</td>
<td>$2,500</td>
</tr>
<tr>
<td>6</td>
<td>$1.00</td>
<td>$2,000</td>
<td>$2,000</td>
</tr>
<tr>
<td>7</td>
<td>$0.75</td>
<td>$1,500</td>
<td>$1,500</td>
</tr>
<tr>
<td>8</td>
<td>$0.50</td>
<td>$1,000</td>
<td>$1,000</td>
</tr>
</tbody>
</table>

NOTES

This FIC output form lists the PV features and specifications needed to comply with the current NSHP Guidebook requirements. The PV installation will require installer testing and field verification by an approved HERS Rater. The final NSHP incentive amount paid to the applicant is subject to change based on the specifications and configuration of the installed system.

For current Incentive level, please visit: https://www.newsolarhomes.org/WebPages/Public/RebateLevelView.aspx

CEC Sample Purposes Only
CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD

Project Name: CEC Example House
Calculation Date/Time: 14:25, Thu, Dec 01, 2016
Input File Name: CEC Example House.ribd16

GENERAL INFORMATION

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>01</td>
<td>Project Name</td>
<td>CEC Example House</td>
<td></td>
<td></td>
</tr>
<tr>
<td>02</td>
<td>Calculation Description</td>
<td>New Single Family Home</td>
<td></td>
<td></td>
</tr>
<tr>
<td>03</td>
<td>Project Location</td>
<td>123 Main Street</td>
<td></td>
<td></td>
</tr>
<tr>
<td>04</td>
<td>City</td>
<td>Sacramento, CA</td>
<td>05</td>
<td>Standards Version</td>
</tr>
<tr>
<td>06</td>
<td>Zip Code</td>
<td>12345</td>
<td>07</td>
<td>Compliance Manager Version</td>
</tr>
<tr>
<td>08</td>
<td>Climate Zone</td>
<td>CZ8</td>
<td>09</td>
<td>Software Version</td>
</tr>
<tr>
<td>10</td>
<td>Building Type</td>
<td>Single Family</td>
<td>11</td>
<td>Front Orientation (deg/Cardinal)</td>
</tr>
<tr>
<td>12</td>
<td>Project Scope</td>
<td>Newly Constructed</td>
<td>13</td>
<td>Number of Dwelling Units</td>
</tr>
<tr>
<td>14</td>
<td>Total Cond. Floor Area (ft^2)</td>
<td>2500</td>
<td>15</td>
<td>Number of Zones</td>
</tr>
<tr>
<td>16</td>
<td>Slab Area (ft^2)</td>
<td>2500</td>
<td>17</td>
<td>Number of Stories</td>
</tr>
<tr>
<td>18</td>
<td>Addition Cond. Floor Area</td>
<td>N/A</td>
<td>19</td>
<td>Natural Gas Available</td>
</tr>
<tr>
<td>20</td>
<td>Addition Slab Area (ft^2)</td>
<td>N/A</td>
<td>21</td>
<td>Glazing Percentage (%)</td>
</tr>
</tbody>
</table>

COMPLIANCE RESULTS

01 Building Complies with Computer Performance
02 This building incorporates features that require field testing and/or verification by a certified HERS rater under the supervision of a CEC-approved HERS provider.
03 This building incorporates one or more Special Features shown below

ENERGY USE SUMMARY

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>04</td>
<td>Energy Use (kTDV/ft^2-yr)</td>
<td>Standard Design</td>
<td>Proposed Design</td>
<td>Compliance Margin</td>
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<tr>
<td>05</td>
<td>Space Heating</td>
<td>4.96</td>
<td>3.99</td>
<td>0.97</td>
</tr>
<tr>
<td>06</td>
<td>Space Cooling</td>
<td>3.32</td>
<td>1.25</td>
<td>2.07</td>
</tr>
<tr>
<td>07</td>
<td>IAQ Ventilation</td>
<td>1.02</td>
<td>1.02</td>
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<tr>
<td>08</td>
<td>Water Heating</td>
<td>7.99</td>
<td>7.99</td>
<td>0.00</td>
</tr>
<tr>
<td>09</td>
<td>Photovoltaic Offset</td>
<td>----</td>
<td>-4.75</td>
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</tr>
<tr>
<td>10</td>
<td>Compliance Energy Total</td>
<td>17.29</td>
<td>9.50</td>
<td>7.79</td>
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