

Customized Energy
Efficiency/Demand Response

I·N·C·E·N·T·I·V·E

Application Instructions



**Pacific Gas and
Electric Company®**

All applicants must submit a Customized ENERGY EFFICIENCY/DEMAND RESPONSE INCENTIVE APPLICATION and at least one of the following project forms:

Non-Residential Projects

NEW CONSTRUCTION/ADDITION – Attach NRNC Form
Design Team – Attach NRNC-DT Form if applicable
RENOVATION/RETROFIT – Attach NRR-DR Form

Residential Projects

NEW CONSTRUCTION
Performance Method – Attach RNC-ES Form if applicable
Prescriptive Method – Attach RNC-PC Form if applicable

HOW TO APPLY

1. READ TERMS AND CONDITIONS ON:

- The back page of the Application
- The Project Form(s) that apply to your project(s)

2. COMPLETE:

- Applicant Information and Project Type on the Application
- (If applicable) Payment Section on the Application, if payment is to be paid to a party other than the Applicant
- Project Information and any calculations required by the Project Form(s)

3. SIGN:

- The Agreement on the Application
- (If applicable) The Payment Release Authorization on the Application, if incentive is to be paid to a party other than the Applicant
- The Agreement(s) on your choice of Project Form(s)

4. SUBMIT:

- The Application
- Your choice of Project Form(s)
- All required documentation pertaining to your project

FOR YOUR INFORMATION AND ASSISTANCE

You must contact a PG&E representative prior to submitting applications and other required documentation in order to participate in PG&E's Customized Energy Efficiency/Demand Response Incentive.

Non Residential Projects:

Contact Business Customer Center at 1-800-468-4743.
Email: energymgmtprograms@pge.com
Refer to the Participation Handbook for requirements and guidelines.

Residential Projects:

Contact the Residential Hotline at 1-800-342-7737
Email: newhomes@pge.com
Refer to the RNC Instruction Sheet for requirements and guidelines.



TERMS AND CONDITIONS

I, the Applicant, agree to the following terms and conditions ("the Agreement"):

1. I meet the Customized Energy Efficiency/Demand Response Incentive eligibility requirements as stated in the appropriate attachment(s) included with this Application.
2. The information I have supplied on this Application and attachment(s) is true, correct, and complete.
3. I have read and understand the terms and conditions of the Agreement and on the appropriate attachments and agree to abide by the rules, requirements and terms set forth on this Application, the Agreement, and all attachments.
4. If the Agreement is terminated for any reason, Pacific Gas and Electric Company (PG&E) shall not be liable to the Applicant for damages or compensation of any kind.
5. PG&E reserves the right to determine eligibility for the Incentive.
6. PG&E MAKES NO REPRESENTATION OR WARRANTY, AND ASSUMES NO LIABILITY WITH RESPECT TO QUALITY, SAFETY, PERFORMANCE, OR OTHER ASPECT OF ANY DESIGN, SYSTEM OR APPLIANCE INSTALLED PURSUANT TO THE AGREEMENT, AND EXPRESSLY DISCLAIMS ANY SUCH REPRESENTATION, WARRANTY OR LIABILITY. APPLICANT AGREES TO INDEMNIFY PG&E, ITS AFFILIATES, SUBSIDIARIES, PARENT COMPANY, OFFICERS, DIRECTORS, AGENTS, AND EMPLOYEES AGAINST ALL LOSS, DAMAGE, EXPENSE, FEES, COSTS, AND LIABILITY ARISING FROM ANY MEASURES INSTALLED.
7. Both funding and the conditions of the Incentive are subject to the jurisdiction of the California Public Utilities Commission (CPUC) and shall be subject to such changes or modifications as the CPUC may, from time to time, direct in the exercise of its jurisdiction. If there are changes in the Incentive, PG&E will endeavor, but cannot guarantee, to provide a reasonable period of time before changes go into effect.
8. I understand that if the incentive is modified in any way or terminated by order of any government entity, then the Agreement shall be revised or terminated consistent with that order.
9. PG&E may assign the Agreement, in whole or in part, or its rights and obligations hereunder, directly or indirectly, by operation of law or otherwise, without the Applicant's prior written consent, provided PG&E remains obligated for payments incurred prior to the assignment. The Applicant may not assign this Application, in whole or in part, or its rights and obligations hereunder, directly or indirectly, by operation of law or otherwise without the prior written consent of PG&E.
10. I understand the Incentive requires inspections and measurements of the performance of the measures. Therefore, I agree to provide access to the Project Site for these purposes to PG&E and/or its agents or assigns and the CPUC and/or its agents or assigns.
11. I agree to release PG&E, its affiliates, parent company, officers, managers, directors, agents, and employees from all claims, demands, losses, damages, costs, expenses, and liability (legal, contractual, or otherwise), which arise from or are in any way connected with any: (1) injury to or death of persons, including but not limited to employees of PG&E, customer, or any third party; (2) injury to property or other interests of PG&E, Applicant or any third party; (3) violation of local, state, or federal common law, statute, or regulation, including but not limited to environmental laws or regulations; (4) energy savings shortfall; so long as such injury, violation, or shortfall (as set forth in (1) - (4) above) arises from or is in any way connected with the Project, including any third party's performance of or failure to perform the Project, however caused, regardless of any strict liability or negligence of PG&E, its officers, managers, or employees.
12. Energy savings for which incentives are paid cannot exceed the actual usage provided by PG&E. Non-utility supply, such as cogeneration or deliveries from another commodity supplier, does not qualify as usage from PG&E (with the exception of Direct Access customers or customers paying departing load fees for which the utility collects PPP or PGC charges).
13. Funding approved for this Incentive is limited and will be paid on a first-come, first-served basis to qualified applicants. Funds will only be reserved upon PG&E's execution of the Agreement. This incentive offer is subject to the availability of authorized funds.
14. Installation of any energy-efficient equipment required for compliance with 2005 Title 24 will not qualify for incentives. Energy efficiency improvements beyond 2005 Title 24 requirements or a generally accepted industry standard, where applicable, are eligible for incentives.
15. Specific restrictions may apply to each energy efficiency system, as outlined in the instructions and attached project forms.
16. To be eligible for incentives, I agree that I will not apply for or receive incentives offered by local or state entities or other utilities for measures covered under this Agreement.
17. PG&E may suspend or terminate the Agreement, without cause, upon written notice to me.
18. I understand the following Tax Liability provisions: PG&E will report incentives greater than \$600 as income to me on IRS form 1099 unless 1) I have marked the "Corporation" or "Exempt" tax status box, or 2) the Payment Release Authorization section has been completed, in which the designated party will be responsible for tax liability.

PG&E recommends that I consult a tax adviser concerning the taxability of incentives. PG&E is not responsible for any taxes that may be imposed due to incentive payments.

Submit Application Package to Your PG&E Representative or Mail Application To:

PG&E Integrated Processing Center
P. O. Box 7265
San Francisco, CA 94120-7265

For Overnight Delivery, Send To:

PG&E Integrated Processing Center
77 Beale Street, Mail Code BOB1U
San Francisco, CA 94105-1814



APPLICANT INFORMATION

APPLICANT FOR NONRESIDENTIAL PROJECTS = CUSTOMER/BUSINESS OWNER

APPLICANT FOR RESIDENTIAL PROJECTS = OWNER/BUILDER/DEVELOPER

Applicant Name, Applicant Mailing Address, Contact Name, Contact Telephone Number, Tax Identification Type, Tax Status, etc.

PROJECT TYPE(S)

NONRESIDENTIAL

- NEW CONSTRUCTION / ADDITION (Attach NRNC Form)
Design Team (Attach NRNC-DT Form if applicable)
RENOVATION / RETROFIT-DEMAND RESPONSE (Attach NRR-DR Form)

RESIDENTIAL

- NEW CONSTRUCTION
Performance Method (Attach RNC-ES Form if applicable)
Prescriptive Method (Attach RNC-PC Form if applicable)

Provide brief project name/description Number of project forms attached to this application

PAYMENT (Party Receiving Incentive OTHER THAN Applicant)

(NOT APPLICABLE FOR RESIDENTIAL NEW CONSTRUCTION)

CHECK SHOULD BE MADE PAYABLE TO:

Payee: Customer / Business Name, Telephone Number, Fax Number, Mailing Address, Contact Name, Tax Identification Type, Tax Status, etc.

PAYMENT RELEASE AUTHORIZATION:

As the Applicant, I am authorizing this payment of my incentive to the third party named above and I understand that I will not be receiving the incentive check from PG&E.

Applicant Authorization: (Please Print Name)

Signature Date

AGREEMENT

I HAVE READ AND UNDERSTAND THE TERMS AND CONDITIONS ON THE PRECEDING PAGE. I CERTIFY THAT THE INFORMATION I HAVE PROVIDED IS TRUE AND CORRECT AND THE PRODUCT(S) AND/OR EQUIPMENT FOR WHICH I AM REQUESTING INCENTIVE(S) MEET THE REQUIREMENTS IN THIS APPLICATION PACKAGE.

Applicant Name (Please Print) Title Signature Date

FOR UTILITY USE ONLY

TM PM ID Project Manager Name, AS Rep ID AS Rep Name, Rep Phone #, Service Code Date Received

SEE TERMS AND CONDITIONS ON THE PRECEDING PAGE

FOR PG&E USE ONLY: Project No. Application No. CA No.



FOR RELATED INFORMATION

We invite you to choose the option that best suits your project needs. **These three options are offered separately and cannot be combined.**

For additional information contact your PG&E representative or PG&E's Residential New Construction Hot Line at **800-342-7737**.

The California ENERGY STAR New Homes program is the trade name for the Investor Owned Utilities (IOUs) residential new construction programs. For more information on the California Title 24 Building Energy Efficiency Standards (the baseline which California ENERGY STAR New Homes must exceed), contact the California Energy Commission or refer to the following:

California Energy Commission (CEC):

2005 CA Title 24 Standards:
www.energy.ca.gov/title24,
select 2005 Standards,
select Residential Manual

New Solar Homes Partnership (NSHP):

For detailed information on the solar program. www.gosolarcalifornia.ca.gov

EPA ENERGY STAR New Homes Program:

For more information refer to:
www.energystar.gov/homes or call
888-STAR-YES (888-782-7937)

Consortium for Energy Efficiency:

www.CEE1.org

ENERGY STAR:

EPA Environmental Protection Agency
www.energystar.gov

Home Energy Rating System (HERS) providers:

CalCERTS™, California Certified Energy Rating and Testing Services:

www.calcerts.com
or call 916-985-3400

CBPCA, California Building Performance Contractors Association:

www.CBPCA.org

CHEERS®, The California Home Energy Efficiency Rating System:

www.CHEERS.org
or call 800-4-CHEERS (800-424-3377)

2007 - 2008 RESIDENTIAL NEW CONSTRUCTION

The 2007 - 2008 RNC Program offers builders and developers of single family homes three options for participation.

Option #1 – ENERGY STAR® New Homes Performance Method (Use RNC-ES Form)

California's ENERGY STAR New Homes program requires all Single Family homes to be built at least 15% more energy efficient than required by the 2005 CA Title 24 Energy Code. To achieve ENERGY STAR designation, the Environmental Protection Agency (EPA) requires builders to include Quality Insulation Installation and complete a Thermal Bypass Checklist (QII/TBC). The QII/TBC may be used to achieve the required 15% performance margin. The ENERGY STAR option also allows participating builders to add selected energy efficient products/measures and earn extra incentives at their discretion. The specific products/measures available and their requirements are included on the Residential New Construction form RNC-ES.

Requirements for Option #1: See the "How to Apply" and "After the Homes are Inspected" sections in this document.

Option #2 – Prescriptive Method (Use RNC-PC Form)

Builders and developers must first meet the 2005 CA Title 24 Energy Code requirements. Builders and developers may apply to receive incentives for installing selected prescriptive products/measures. Incentives are not available for any prescriptive measure that is used to achieve Title 24 Energy Code compliance. The products/measures and their requirements are included on the RNC-PC form. See Product Catalog for details on qualifying equipment and products.

Requirements for Option #2:

1. Products/measures must be installed between January 1, 2007 and December 31, 2008
2. Refer to the **Residential New Construction Catalog** to make sure your selected products/measures meet all requirements
3. If applicable, submit a hard copy of your final 2005 CA Title 24 CF-1R form as filed for your building permit
4. Submit manufacturer specifications for products/equipment
5. Production home builders, must submit a lot/address list for the project
6. All products/measures must be installed prior to submitting the completed and signed Builder Request for Payment and Inspection Forms (will be included with your acceptance letter)
7. Provide original proof of purchase and supporting documentation, which must include all of the following information:
 - Itemized receipts/invoice listing each product including quantity, product description, manufacturer name, model number, or other identifying information (i.e. SKU#) as appropriate
 - Purchase price per product/item
 - Date "Paid in Full" or payment terms
 - Product installation date
 - Product installation location address

EFFECTIVE MARCH 12, 2007.

Option #3 – New Solar Homes Partnership Performance Method- Tier I or Tier II (Use RNC-NSHPPM Form)

Tier I requirements:

1. All homes in the project must exceed 2005 CA Title 24 Energy Code by at least 15%
2. All appliances offered must be ENERGY STAR rated
3. Homes in the project may include solar generation but this is not required

Tier II requirements:

OR

1. All homes in the project must exceed 2005 CA Title 24 Energy Code by 35% and demonstrate a 40% reduction in cooling load for the applicable climate zone
2. All appliances offered must be ENERGY STAR rated
3. All homes in the project **MUST** include solar generation as an option. Solar generation is not required on all homes in the project.
4. All homes in the project **MUST** have electric distribution service from PG&E.

Requirements for Option #3: See the RNC-NSHPPM Form (in this application package) "General Instructions and Program Requirements" section. Also see "How to Apply" and "After the Units are Inspected" sections in this document.

Submit Application Package to the PG&E Representative or Mail Application to:

PG&E Integrated Processing Center
Residential New Construction
PO. Box 7265
San Francisco, CA 94120-7265

For Overnight Delivery, Send To:
PG&E Integrated Processing Center
Residential New Construction
77 Beale Street, Mail Code BOB1U
San Francisco. CA 94105-1814

PROGRAM PROCESS OVERVIEW

1. The Applicant completes the Customized Energy Efficiency/Demand Response Incentive Application and the applicable RNC forms and submits all documentation listed in the applicable "How to Apply" section to the PG&E representative.
2. The PG&E representative will directly contact the Applicant and/or the Title 24 documentation author for any necessary clarifications or corrections.
3. The Applicant must ensure that all certificates CF-6R and/or CF- 6RPV are available for inspection by the HERS Rater. Verification of compliance must be recorded in the HERS Provider's Registry (or other database acceptable to PG&E) by the HERS Rater prior to payment of incentive.
4. In the event there is no required HERS inspection, the Applicant submits a Request For Inspection and Payment Form along with proof of purchase documents to PG&E. PG&E will arrange to have an inspector field verify all program products/measures have been installed as approved.
5. Prior to paying incentives, PG&E will be reviewing all inspection documents to ensure program compliance. **PG&E retains final authority to determine program compliance and eligibility for incentives.**

PROJECT VIABILITY

So that funds will be distributed evenly under this program, the Applicant may be required to demonstrate the viability of the project for which he/she is applying. Following the approval of the Application and within a three (3) month period, the Applicant may be asked to supply documents that reflect a commitment to timely construction.

The following documents may be required:

- Grading Permit
- Approved construction schedule from the governing entity
- Building Permit
- Financing and other pertinent documents

If, after review of these documents, PG&E determines that the project is not progressing, PG&E reserves the right to cancel the Application. If these documents are not available, Applicant must demonstrate that the project is in the process of obtaining construction permits. If the project Application is cancelled, the owner/builder/developer may reapply at a later date. Applications will be accepted and incentives will be committed based upon the funds available at the time of reapplication.

AGREEMENT

PG&E Agrees To:

1. Provide an incentive for eligible buildings that qualify for PG&E's RNC Program (Program). Once the Application has been accepted, as evidenced by a Letter of Acceptance from PG&E, incentive funds will be allocated and paid, provided the Applicant (owner/builder/developer) meets all of the requirements specified in the Application. **(Funds are limited and will be reserved on a first come, first served basis to projects that meet Program requirements. NO payments will be made for any energy efficient upgrades installed without prior written approval from PG&E).**
2. Provide general advertising, which highlights the benefits of the California ENERGY STAR New Homes Program to home buyers. PG&E does not guarantee any particular level, type or frequency of advertising.
3. Produce merchandising materials for home buyers describing the features and benefits of the California ENERGY STAR New Homes Program.

Applicant Agrees To:

1. Comply with the terms specified in this Agreement for residential new construction projects.
2. Install all energy efficient features described in the Title 24 CF-1R or CF-IRPV Form to meet Program requirements, according to prevailing industry standards.
3. Notify PG&E in writing, prior to construction, of any changes that will affect the number of units, energy use, performance of the units, overall HERS rating and/or incentive levels covered by this Agreement. In every case, the Applicant agrees to make this notification before requesting incentive payment for affected units.
4. Ensure that PG&E representatives have access to each home, prior to occupancy, to verify installation of products/measures.
5. Not state or imply to dwelling occupants or others that it is an agent, employee or representative of PG&E.
6. Comply with all of the Program on-site verification requirements. This includes utilizing a certified HERS Rater to perform the home energy ratings, diagnostic testing and verification as required by the California Energy Commission (CEC).
7. Not refer to any home/dwelling units as California ENERGY STAR New Homes unless that home or those dwelling units qualify as such under the conditions specified in the approved RNC form. References include advertising copy, other promotional material or verbal representation.
8. Make good-faith efforts to promote the Program by displaying the provided California ENERGY STAR New Homes merchandising materials at the participating project.
9. Install all energy efficient features required for 2005 CA Title 24 compliance and required to meet 2007-2008 California ENERGY STAR New Homes program standards.

Additional Terms:

1. **AGREEMENTS REMAIN IN EFFECT FOR THIRTY (30) MONTHS FROM THE DATE PG&E SIGNS THE APPROVED APPLICATION OR UNTIL DECEMBER 31, 2008, WHICHEVER COMES FIRST EXCEPT FOR THE PROVISIONS REQUIRING ACCESS TO PROJECT FOR AUDIT OR VERIFICATION PURPOSES.** Revisions and/or additions to the Application will expire based on the expiration date of the original Application.
2. Homes covered under the Application must fully meet Program requirements and a written request for incentive payment must be submitted to PG&E prior to the project expiration date (as indicated on the builder's project acceptance letter) to be considered for payment.
3. The Application shall be as accurate as possible. Inaccuracies can lead to costly and time consuming reprocessing for both the Applicant and PG&E. If the first submittal of an Application is rejected, it can be revised and resubmitted no more than twice for a particular project. A resubmittal is due within 7 business days of the date of the rejection notice. PG&E will process the resubmittal once without additional cost. **However, \$100.00, representing a portion of PG&E's reprocessing costs, will be passed through to the Applicant and deducted from the total incentive payment for each plan or model if a second resubmittal is processed.**

GENERAL BUILDING REQUIREMENTS

To qualify for the incentive payment, each single family project must be:

1. A new construction home receiving electric distribution and/or natural gas distribution service from PG&E. **Homes participating in the RNC Program must have positive electric and gas energy savings per the final 2005 CA Title 24 CF-1R as filed with your building permit.**

2. A single family detached dwelling or two dwelling building of any number of stories, R-3 occupancy, and on PG&E's residential rates. Structures detached from the primary residence that are residential living areas (e.g., casitas) must also meet all Program criteria but are not eligible for a separate incentive. **The following facilities do not qualify:** remodels, additions, manufactured housing, mobile homes, residential care facilities, and dormitories. For information on other residential programs that may apply to these buildings call 1-800-933-9555.
3. Permitted under the 2005 CA Energy Efficiency Standards for Low Rise Residential Buildings (Title 24) effective October 1, 2005 and achieving compliance using a CEC approved computer method. The Prescriptive Compliance Method is not eligible. Project must meet, at a minimum, CEC and ENERGY STAR installation and field verification requirements, as documented by PG&E or a certified HERS Rater.
4. Outfitted with mechanical equipment sized to meet ASHRAE, ACCA Manual J or SMACNA standards. Title 24 calculations must account for proposed fenestration SHGC values, Manufacturers Specification/Data Sheets, ARI or GAMA Directory.
5. EPA requires builders to sign a Participation Agreement to become an ENERGY STAR builder.
6. To receive ENERGY STAR designation, the EPA requires the use of Quality Insulation Installation in combination with the Thermal Bypass Checklist as amended for California (QII/TBC). This documentation, as well as all other ENERGY STAR and HERS requirements, must be entered into the approved HERS provider's registry by a certified HERS rater prior to payment of incentives.
7. Projects enrolled in the NSHP Tier II option must provide documentation to verify 40% cooling load reduction and must have electric distribution service from PG&E.
8. A custom home must be the applicant's primary residence. **Vacation homes are not eligible.**
6. Mechanical equipment specification sheet and load sizing calculations for each unit type. **Note: Applicants submitting projects for NSHPPM Tier II level must demonstrate a 40% cooling load reduction.**
 - Air conditioners - must include ARI reference number or coil number, condenser number and manufacturer's name for each unit
 - Furnace - the AFUE rating for each unit must be provided
 - Documentation for Tankless water heaters with efficiency specifications
 - Equipment specifications for Night Ventilation Cooling
7. Supporting documentation for products/measures. See RNC-PC form for details.
8. The Applicant listed on the Customized Energy Efficiency/Demand Response Incentive Application for Residential New Construction shall be responsible for submitting documentation that verifies compliance with CEC and Residential New Construction Program requirements to PG&E's satisfaction.
9. In cases where products/measures and construction elements may vary from default or minimum efficiency values, PG&E will require supporting specification sheets.

ONCE YOU RECEIVE WRITTEN APPROVAL FROM PG&E

Before Construction

Engage the services of a certified HERS Rater to provide field verification for all products/measures requiring third party verification.

During Construction

1. Notify PG&E of any changes that will affect total energy use of the dwelling units such as added or relocated windows, addition of "bonus" rooms or other areas not shown on the Title 24 submittal, changes in proposed HVAC systems or water heating equipment, and/or changes to the insulation.
2. If applicable, obtain a CF-6R and/or CF-6RPV Form provided by the HVAC/PV contractor for every house.
3. If applicable, obtain the appropriate CF-4R and/or CF-4RPV HERS rating certificates for each home upon completion of field verification. Certificates must be submitted for the tested house and for the non-tested homes in the same sampling group. HERS Raters will be inspecting to ensure that all Program products/measures are installed. Projects with "failures" are subject to CEC re-testing procedures and related fees at owner/builder/developer's expense.
4. The CF-4R and/or CF-4RPV form will be verified by PG&E to confirm home has met Program requirements.

AFTER THE HOMES ARE INSPECTED

Applicant shall provide PG&E with the following:

1. Completed Request for Inspection and Payment Forms (provided with acceptance letter from PG&E) for each approved model or plan.
2. Original proof of purchase and supporting documentation that includes:
 - Itemized receipts/invoice listing each product including quantity, product description, manufacturer name, model number, or other identifying information (i.e. SKU#) as appropriate
 - Purchase price per product/item
 - Date "Paid in Full" or payment terms
 - Product installation date
 - Product installation location address

HOW TO APPLY

Contact the PG&E representative prior to construction to ensure that you have the most current Program information available. Program and/or incentive levels may be changed or cancelled without notice. Submit the following to the PG&E representative for each housing type within the project:

1. A completed original Customized Energy Efficiency Incentive Application and the applicable RNC form (either RNC-ES, RNC-NSHPPM or RNC-PC) postmarked or received by PG&E no later than December 15, 2008.
2. A hard copy of the final 2005 CA Title 24 CF-1R and/or CF-1RPV Form as filed for your building permit.
3. The electronic input file for the 2005 CA Title 24 Energy Code compliance computer run for each model as approved for the project's building permit. This may be submitted on a 3.5" diskette or by e-mail to the Program plan check agency or representative (request e-mail address from the PG&E representative).
4. A complete set of construction plans including:
 - A. A floor plan with elevations and electrical plans
 - B. A subdivision lot map for production home projects
 - C. A list of lots and addresses
 - D. A site plan with North arrow for custom homes
5. A copy of your signed EPA Partnership Agreement for all ENERGY STAR projects.



RESIDENTIAL NEW CONSTRUCTION ENERGY STAR® PERFORMANCE METHOD FORM

(Applicants for this program may also apply for solar generation funding with the California Energy Commission New Solar Homes Partnership). Builders may choose either the Tier I or Tier II option. Read and follow requirements on RNC-NSHPPM Form.

PROJECT INFORMATION

Form with fields: Project Name, Project Address/Location, Project Site Contact Name, Permitting Agency (County/City), Home Energy Rating System (HERS) Rater Company, Climate Zone, City/State, Contact Phone Number, Date Permitted, Project Start Date, Project Completion Date, HERS Rater, Rater Telephone No., Name of HERS Provider.

PROJECT TYPE

Single Family: ENERGY STAR

detached dwellings or 2 dwelling building

- Custom Home, Duplex, Production Home, Town Home

Form with fields: Tract Number, Phase Number(s), Lot Numbers, Actual no. of lots to be permitted within this project form, Total no. of plan types in project

GENERAL INSTRUCTIONS AND PROGRAM REQUIREMENTS

- 1. Call 1-800-342-7737 for details and funding availability on the PG&E's Residential New Construction Program (Program) prior to submitting application. You must receive written approval from PG&E before installing any energy efficient upgrades.
2. Complete one form per project and list ALL plans/model types. Incentive payments are available only to owners, builders or developers named on the Customized Energy Efficiency/Demand Response Incentive Application.
3. Submit the Customized Energy Efficiency/Demand Response Incentive Application, this RNC-ES form, and all other required documents to the PG&E representative as early as possible. Funds are limited and will be reserved on a first come, first served basis to projects that meet the Program requirements. NO payments will be made for any energy efficient upgrades installed without prior written approval from PG&E.
4. Sign Environmental Protection Agency (EPA) ENERGY STAR Partnership Agreement. Send the original signed EPA Partnership Agreement to ENERGY STAR For Homes, US EPA (mail code 6202J), 1200 Pennsylvania Ave, NW, Washington, DC, 20460 or fax a copy to: (202) 343-2200. Submit a copy of the signed document to PG&E along with this RNC-ES form.
5. To receive ENERGY STAR designation, the EPA requires the use of Quality Insulation Installation in combination with the Thermal Bypass Checklist, as amended for California (QII/TBC). This documentation, as well as all other ENERGY STAR and HERS requirements, must be entered into the approved HERS provider's registry by a certified HERS rater prior to payment of incentives.
6. Participating owners/builders/production home builders must upgrade all homes within the same project built after the date this form is executed. All units within the same project must adhere to the October 2005 CA Title 24 standards and 2007 - 2008 Residential New Construction ENERGY STAR New Homes Program standards.
7. All residential new construction projects must be built to exceed 2005 CA Title 24 standards by a minimum of 15% for the applicable California Energy Commission (CEC) specified climate zone and meet the EPA QII/TBC requirement as noted in #5 above.
8. This Program will end December 31, 2008 or sooner if funds budgeted for the 2006 - 2008 program years are expended or fully committed. PG&E will not accept applications after December 15, 2008.
9. Review the Customized Energy Efficiency Incentive Residential New Construction Instruction Sheets For Specific Terms And Conditions.

AGREEMENT

I, the undersigned, agree that:

- 1. I meet the Customized Energy Efficiency Incentive Residential New Construction Program eligibility requirements as set forth in the Residential New Construction Instruction Sheets.
2. The information that I have supplied on this form is true, correct and complete.
3. I have read, understand and agree to abide by the program rules, requirements and terms set forth in the General Instructions and Program Requirements section above and in the attached Customized Energy Efficiency Incentive Residential New Construction Instruction Sheets.
4. This project is not receiving duplicative energy efficiency incentives from any other publicly funded source.

Form with fields: Applicant (Owner/Builder/Developer) Name (Please Print), Title, Signature, Date

UTILITY APPROVAL

Form with fields: Date Application Received, PG&E Representative, Authorized Signature, Date Application Approved, Title, Plan Check Approval

FOR PG&E USE ONLY: Project No. Application No.

RESIDENTIAL NEW CONSTRUCTION PERFORMANCE METHOD FORM

REBATE CALCULATOR

Based on Final CF-1R Form to be filed with your building permit. Homes must exceed 2005 CA Title 24 Energy Code by a minimum of 15% and meet the EPA OII/TBC requirement. (HERS field verification IS required).

Plan/Model Name	Sq Ft of Conditioned Space	Incremental Energy Efficiency Cost*	Standard Budget	Proposed Budget	Compliance Margin	Compliance % Over Title 24	Total Number of Each Plan to be Built

Include additional sheets if required

*Incremental Energy Efficiency Cost = the price differential between installed energy efficient equipment and the cost of installed baseline equipment.

Dwelling Unit Incentive

Coastal (CZ 1-7) _____ Residential dwelling units X \$400 = \$ _____

Inland (CZ 8-16) _____ Residential dwelling units X \$500 = \$ _____

TOTAL ESTIMATED INCENTIVE PAYMENT \$ _____

ADDITIONAL APPLIANCE AND LIGHTING PRODUCTS/MEASURES (Choose all that apply).

Applicable only after ENERGY STAR program requirements are met. (field verification may be required on all products/measures).

See product catalog for details on qualifying products/measures.

Products/measures Description	Quantity	Incentive	Total
High Efficiency Dishwasher	<input type="checkbox"/> Level 1 EF .65 - .67	X	\$ 30.00 =
	<input type="checkbox"/> Level 2 EF .68 or greater	X	\$ 50.00 =
High Efficiency Clothes Washer	<input type="checkbox"/> Level 1 MEF 2.0 or greater WF 6.0 or less	X	\$ 35.00 =
	<input type="checkbox"/> Level 2 MEF 2.2 or greater WF 4.5 or less	X	\$ 75.00 =
Natural Gas Clothes Dryer with Moisture Sensor	X	\$ 50.00 =	
High Efficiency Refrigerator - Qualified model must exceed current federal standards by 20%; Not all Energy Star models qualify.	X	\$ 50.00 =	
Cool Roofs - Must receive electricity distributed by PG&E, and have central Air Conditioning system and live in Climate zones 2, 4, 11, 12 or 13.			
<input type="checkbox"/> Low Slope Roofs: -Initial Solar Reflectance of 0.70 or greater and Initial Thermal Emittance of 0.75 or greater	X	\$ 0.20 per sq. ft. =	
Steep Slope Roofs must have			
<input type="checkbox"/> Tier 1: Initial Solar Reflectance of 0.25 - 0.39 and Initial Thermal Emittance of 0.75 or greater	X	\$0.10 per sq. ft. =	
<input type="checkbox"/> Tier 2: Initial Solar Reflectance of 0.40 or greater and Initial Thermal Emittance of 0.75 or greater	X	\$ 0.20 per sq. ft. =	
Lighting - Interior Hardwired High Efficacy Fixtures with manual on auto off controls High efficacy fixtures used in bathrooms, bedrooms, garages, laundry rooms, utility rooms, living rooms, dining rooms and hallways (excludes kitchen) in addition to applicable controls as defined by 2005 CA Title 24 lighting requirements.	X	\$ 10.00 per fixture	

TOTAL ADDITIONAL PRODUCTS/MEASURES \$ _____

TOTAL PROJECT INCENTIVE PAYMENT \$ _____

ADDITIONAL REQUIREMENTS

1. Submit documentation such as T-24 -CF-1R, which demonstrates that the products/measures selected above meet or exceed the program requirements
2. Submit supporting documentation such as manufacturer's specifications sheets, which demonstrate that the products/measures selected above meet all requirements.
3. Homes must first exceed 2005 Title 24 standards by a **minimum of 15%** to qualify for additional measure incentives
4. Products/measures may only supplement the project listed in this Residential New Construction form and cannot be submitted unless homes are built to meet ENERGY STAR requirements
5. Applicant must upgrade all homes in the project to the approved Performance standards.

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RESIDENTIAL NEW CONSTRUCTION PRESCRIPTIVE FORM

PROJECT INFORMATION

Project Name, Climate Zone, Project Address/Location, City/State, Zip, Project Site Contact Name, Contact Phone Number, Contact E-Mail Address, Permitting Agency (County/City), Date Permitted, Project Start Date, Project Completion Date, Home Energy Rating System (HERS) Rater Company, HERS Rater, Rater Telephone No., Name of HERS Provider

PROJECT TYPE

Single Family

Single family detached dwellings or 2 dwelling building

- Custom Home, Duplex, Production Home, Town Home

Table with 5 columns: Tract Number, Phase Number(s), Lot Numbers, Actual no. of lots to be permitted within this project form, Total no. of plan types in project

GENERAL INSTRUCTIONS AND PROGRAM REQUIREMENTS

- 1. Call 1-800-342-7737 for details and funding availability... 2. Complete one form per project... 3. Submit the Customized Energy Efficiency/Demand Response Incentive Application... 4. Builders will not receive incentives... 5. This program will end December 31, 2008... 6. Review The Residential New Construction Instruction Sheets For Specific Terms And Conditions.

AGREEMENT

I, the undersigned, agree that:

- 1. I meet the Customized Energy Efficiency Incentive Residential New Construction Program eligibility requirements... 2. The information that I have supplied on this form is true, correct and complete. 3. I have read, understand and agree to abide by the program rules, requirements and terms... 4. This project is not receiving duplicative energy efficiency incentives from any other publicly funded source.

Applicant (Owner/Builder/Developer) Name (Please Print), Title, Signature, Date

UTILITY APPROVAL

Date Application Received, PG&E Representative, Authorized Signature, Date Application Approved, Title, Plan Check Approval

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RESIDENTIAL NEW CONSTRUCTION PRESCRIPTIVE FORM

ELIGIBLE INSTALLATION PRODUCTS/MEASURES

Products/measures do not qualify for incentives if they are used to achieve 2005 CA Title 24 Energy Code compliance requirements or receive duplicative energy efficiency incentives from any other publicly funded source. See Product Catalog for details on qualifying products/measures.

Products/measures Description	Quantity		Incentive		Total
High Efficiency Dishwasher	<input type="checkbox"/> Level 1 EF .65 - .67		X	\$ 30.00	=
	<input type="checkbox"/> Level 2 EF .68 or greater		X	\$ 50.00	=
High Efficiency Clothes Washer	<input type="checkbox"/> Level 1 MEF 2.0 or greater WF 6.0 or less		X	\$ 35.00	=
	<input type="checkbox"/> Level 2 MEF 2.2 or greater WF 4.5 or less		X	\$ 75.00	=
Natural Gas Clothes Dryer with Moisture Sensor			X	\$ 50.00	=
High Efficiency Refrigerator - Qualified model must exceed current federal standards by 20%; Not all ENERGY STAR models qualify			X	\$ 50.00	=
Cool Roofs - Must receive electricity distributed by PG&E, and have central Air Conditioning system and live in Climate zones 2, 4, 11, 12 or 13.					
<input type="checkbox"/> Low Slope Roofs must have an: - Initial Solar Reflectance of 0.70 or greater and Initial Thermal Emittance of 0.75 or greater			X	\$0.20 per sq. ft	
Steep Slope Roofs must have an:					
<input type="checkbox"/> Tier1 : Initial Solar Reflectance of 0.25 - 0.39 and Initial Thermal Emittance of 0.75 or greater			X	\$0.10 per sq. ft	
<input type="checkbox"/> Tier2 : Initial Solar Reflectance of 0.40 or greater and Initial Thermal Emittance of 0.75 or greater			X	\$0.20 per sq. ft	
Lighting - Interior Hardwired High Efficacy Fixtures with manual on auto off controls High efficacy fixtures used in bathrooms, bedrooms, garages, laundry rooms, utility rooms, living rooms, dining rooms and hallways (excludes kitchens) in addition to applicable controls as defined by 2005 Title 24 lighting requirements.			X	\$ 10.00 per fixture	=
High Efficiency Central - Natural Gas Furnace	<input type="checkbox"/> AFUE 92 - without variable speed fan		X	\$ 200.00 per system	=
	<input type="checkbox"/> AFUE 92 - with variable speed fan		X	\$ 250.00 per system	=
Quality Insulation Installation			X	\$ 150.00 per structure	=
Natural Gas Tankless Water Heater .80 EF or greater with no standing pilot			X	\$ 200.00 per system	=
The following products/measures apply ONLY to Climate Zones 2, 4, 11, 12 and 13.					
Tier 1 Air Conditioner/ Heat Pump	<input type="checkbox"/> Split System SEER 14/EER 12 or HSPF 8.5		X	\$ 250.00 per system	=
	<input type="checkbox"/> Package System SEER 14/EER 11 or HSPF 8.0		X	\$ 250.00 per system	=
Night Ventilation Cooling	<input type="checkbox"/> Tier 1 without variable speed fan		X	\$ 250.00 per system	=
	<input type="checkbox"/> Tier 2 with variable speed fan		X	\$ 500.00 per system	=
Refrigerant Charge and Air Flow Verification			X	\$ 40.00 per system	=
Verified Ducting System (Tight Ducts)			X	\$ 175.00 per system	=

TOTAL ESTIMATED INCENTIVE PAYMENT FOR PRESCRIPTIVE PRODUCTS/MEASURES \$ _____

REQUIREMENTS FOR PRESCRIPTIVE PRODUCTS/MEASURES

1. Submit documentation such as T-24 - CF-1R, which demonstrate that the products/measures selected above meet or exceed the program requirements
2. All products/measures must be installed in a single family residential new construction project prior to submitting the completed and signed Builder Request for Inspection and Payment Forms (included in your approval letter). Applicant must also submit Title 24 documents with the application package as submitted for your building permit
3. Products/measures must be installed between January 1, 2007 and December 31, 2008. Read the Product Catalog to make sure the products/measures you select meet all requirements
4. Provide **original proof of purchase and supporting documentation** when requesting payment, to include all of the following information:
 - Itemized receipts/invoice listing of each product including quantity, product description, manufacturer, model number, or other identifying information (i.e. SKU#) as appropriate
 - Purchase price per item listed above
 - Date "Paid in Full" or payment terms
 - Product installation, date, location and address

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RESIDENTIAL NEW CONSTRUCTION c·a·t·a·l·o·g

***These products/measures do not qualify for rebates if they are used to achieve Title 24 compliance and require HERS verification.**

NOTE: Not all ENERGY STAR® Appliances qualify for incentives. For a list of qualifying products, refer to the following Web sites: www.cee1.org, www.energystar.gov/products, and www.coolroofs.org

HIGH EFFICIENCY DISHWASHER LEVEL 1

The heating source for the water heater must be natural gas or electricity distributed to the installation address by PG&E. Must have an Energy Factor (EF) of 0.65 to 0.67. List of qualifying products is available at www.energystar.gov. **\$30.00/each**

HIGH EFFICIENCY DISHWASHER LEVEL 2

The heating source for the water heater must be natural gas or electricity distributed to the installation address by PG&E. Must have an Energy Factor (EF) of 0.68 or greater. List of qualifying products is available at www.energystar.gov. **\$50.00/each**

HIGH EFFICIENCY CLOTHES WASHER LEVEL 1

The heating source for the water heater must be natural gas or electricity distributed to the installation address by PG&E. Qualifying clothes washers must have a Modified Energy Factor (MEF) of 2.0 or greater and a Water Factor (WF) of 6.0 or less. List of qualifying products is available at www.cee1.org. **\$35.00/each**

HIGH EFFICIENCY CLOTHES WASHER LEVEL 2

The heating source for the water heater must be natural gas or electricity distributed to the installation address by PG&E. Qualifying clothes washers must have a Modified Energy Factor (MEF) of 2.2 or greater and a Water Factor (WF) of 4.5 or less. List of qualifying products is available at www.cee1.org. **\$75.00/each**

NATURAL GAS CLOTHES DRYERS

Natural gas must be distributed to the installation address by PG&E. The natural gas dryer must have a moisture sensor. **\$50.00/each**

HIGH EFFICIENCY RESIDENTIAL REFRIGERATOR

Electricity must be distributed to the installation address by PG&E. Qualifying refrigerators must exceed the current federal standards by 20%. Not all ENERGY STAR refrigerators qualify for this incentive. List of qualifying products is available at www.energystar.gov/products. **\$50.00/each**

COOL ROOFS

Climate Zones 2, 4, 11, 12 & 13 ONLY

Applicant must install central air conditioning, must have electricity distributed to the installation address by PG&E, and must install roofing materials that meet the Initial Solar Reflectance and Initial Thermal Emittance specified below as rated by the Cool Roof Rating Council. For product qualification, go to www.coolroof.org. Roofs that have solar panels do not qualify for this rebate.

Rebate Level and Product Specifications.

Type	Tier	Initial Solar Reflectance	Initial Thermal Emittance	Rebate
Low Slope	N/A	≥ 0.70	≥ 0.75	\$0.20 per sq ft
Steep Slope	Tier 1	0.25 to 0.39	≥ 0.75	\$0.10 per sq ft
	Tier 2	≥ 0.40	≥ 0.75	\$0.20 per sq ft

Definitions of terms:

- We identify cool roofs in two primary categories, low and steep slope.
- A low-slope roof is a roof surface with a maximum slope of 2 inches "rise" for 12 inches "run" as defined in American Society for Testing and Materials Standard E 1918-97.
 - Steep-slope roofs, or sloped roofs, are roof surfaces with a slope greater than 2 inches "rise" for 12 inches "run."

*LIGHTING-INTERIOR HARDWIRED HIGH EFFICACY FIXTURES WITH MANUAL ON AUTO OFF CONTROLS

Electricity must be distributed to the installation address by PG&E. High efficacy fixtures used in bathrooms, bedrooms, garages, laundry rooms, utility rooms, living rooms, dining rooms and hallways, in addition to applicable control as defined by 2005 Title 24 lighting requirements (excludes kitchens) in addition to applicable controls as defined by 2005 CA Title 24 24 lighting requirements. **\$10.00/fixture**

92 AFUE HIGH EFFICIENCY CENTRAL NATURAL GAS FURNACE AND VARIABLE SPEED FAN

Natural gas must be distributed to the installation address by PG&E. The builder must install a natural gas furnace that is GAMA rated at least a 92 AFUE. Units with a variable fan qualify for a higher rebate.
With variable speed fan \$250.00/system
Without variable speed fan \$200.00/system

***NATURAL GAS TANKLESS WATER HEATER**

Natural gas must be distributed to the installation address by PG&E. Natural Gas Tankless water heater of .80 EF or greater without a standing pilot. Must be the primary system for the residence or dwelling unit.\$200.00/system

***QUALITY INSULATION INSTALLATION**

To qualify the builder shall not have taken the improved insulation credit to achieve Title 24 compliance. Builder must install a wall insulation system, either fiberglass batt or a blown insulation material that eliminates gaps in the walls by fully filling all wall cavities, regardless of the presence of electrical wiring or plumbing. Additionally, common ceiling insulation defects, including un-insulated attic access hatches, areas of missing ceiling insulation, poorly insulated attic knee walls and interior wall cavities not properly draft stopped, must be eliminated.

This measure requires third party verification by a HERS certified rater. For additional information see California Energy Commission 2005 Residential Manual 3.3.7.\$150.00/structure

***TIER 1 AIR CONDITIONER/HEAT PUMP - SPLIT SYSTEMS OR PACKAGED SYSTEMS**

Climate Zones 2, 4, 11, 12 & 13 ONLY

Electricity must be distributed to the installation address by PG&E. The builder must first comply with Title 24, using a minimum SEER 13 and EER 11 air conditioner. Builder then must upgrade or install the incentive qualifying equipment or system without changing their Title 24 qualifying documentation. Qualifying air conditioning systems, condenser and evaporator coil, must be listed and rated by the Air Conditioning and Refrigeration Institute (ARI) as a matched system.

The qualifying Split Systems system must achieve at least a minimum rating of SEER 14 and EER 12 or if applicable HSPF 8.5. The qualifying Package System must achieve at least a minimum rating of SEER 13 and EER11 or if applicable HSPF 8.0. The equipment should appear on the CEE Directory of ARI Verified Equipment (www.ceeHVACdirectory.org) as a Tier 1 system.\$250.00/system

***REFRIGERANT CHARGE AND AIR FLOW AND VERIFICATION INCENTIVE**

Climate Zones 2, 4, 11, 12 & 13 ONLY

Electricity must be distributed to the installation address by PG&E. The builder must use an HVAC contractor that participates in a Refrigerant Charge and Air Flow (RCA) verification service. An RCA service provider provides the HVAC contractor with training and computer support to ensure that the technician has achieved proper refrigerant charging and air flow. The service provider performs quality assurance checks on each technician's work.\$40.00

***NIGHT VENTILATION COOLING**

Climate Zones 2, 4, 11, 12 & 13 ONLY

Electricity must be distributed to the installation address by PG&E. Night Ventilation Cooling is accomplished with a single integrated HVAC system using the normal air handler, supply and return duct system. In addition to the normal HVAC equipment ,the Night Ventilation Cooling system utilizes a smart thermostat, mechanical damper, inlet and exhaust ducts to automatically ventilate the house with 100% outside air when outdoor temperatures are below indoor temperatures. Two levels of incentive are offered based on the type of fan motor used. Systems utilizing a fixed speed (or PSC) fan motor for night ventilation are eligible for a Tier 1 incentive and systems that utilize a variable speed fan motor for night ventilation will qualify for a Tier 2 incentive.

- Tier 1\$250.00/system
- Tier 2\$500.00/system

***VERIFIED DUCTING SYSTEMS (TIGHT DUCTS)**

Climate Zones 2, 4, 11, 12 & 13 ONLY

Natural gas or electricity must be distributed to the installation address by PG&E. Tight ducts are eligible for an incentive after verification by a HERS rater. A diagnostic leakage test is performed and the measured total duct leakage must be less than 6% of the total fan flow. This incentive is available only for duct system in unconditioned space. For additional information see California Energy Commission ACM Residential Manual RC 2005 Appendix RC 4.\$175.00/system