




The Roseville Advanced Home Program (RAHP) provides incentives to homebuilders with qualifying single family residential new construction projects.

RAHP allows new home builders to partner with Roseville Electric to offer the highest in home efficiency at an affordable price while offering new home buyers the latest energy efficiency technology.

Follow these steps to earn up to \$3,500 in incentives for your next home

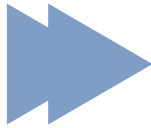
<p>STEP 1 Complete an application</p>	<p><u>Visit the program website</u> and download an application</p>		<p><u>Email</u> your complete application</p>
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<p>STEP 2 Find an energy consultant</p>	<p>Develop an energy model that demonstrates a HERS score of at least 84</p>	<p><i>A lower score = A higher incentive</i></p>
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<p>STEP 3 Specify the following prerequisites</p>	 75% High efficacy lighting	 Quality Insulation Installation inspection	 Electric Vehicle charging station pre-wiring
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<p>STEP 4 Add bonuses to increase incentives</p>	<p>High performance attics</p>	<p>Whole house fans</p>	<p>Cool roofs</p>	<p>High performance walls</p>	<p>100% High efficacy lighting</p>
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See the next page for more information about Steps 3 and 4.



APPLY: <https://rosevilleadvancedhomes.com/>
CONTACT: RNC@trcsolutions.com or 1-866-352-7457
 For Roseville Electric's Residential New Construction Photovoltaic Programs, Click [HERE](#)

Step 3: Specify the following prerequisites

Builders must sign a Prerequisite Agreement to confirm they will include the following measures in their homes.



At least 75% of builder-installed lighting must be high efficacy, as defined by Table 150.0-A of the 2013 Building Energy Efficiency Standards. Screw-based fixtures with LED lamps must meet the following Voluntary California Quality LED Lamp Specification criteria: dimmable, Color Rendering Index of at least 90, ENERGY STAR® certified, color temperature between 2700K and 3000K (Kelvin).



Homes must specify the HERS verification of Quality Insulation Installation (QII) in the compliance software and ensure that QII is listed as a HERS verified feature on the CF-1R. The insulation installer must certify the insulation installation and a qualified Home Energy Rating System (HERS) rater must verify that the conditions meet the requirements of Sections 150.1(c) and 110.7(a) and (b) of the 2013 Building Energy Efficiency Standards.



All garages in the community must satisfy an Electric Vehicle charging station pre-wiring requirement, in compliance with the 2014 California Electrical Code. Builders, at a minimum, must install ¾" conduit raceway to a spare electric box in the garage that is sized for a 40-amp, 220-volt outlet. A 40-amp, 200-volt breaker space shall be made available at the residential unit's electrical panel. The outlet must be located on a permanent surface within 10 feet of at least one on-site parking space.

Step 4: Add bonuses to increase incentives

Bonus incentive amounts range according to the final CAHP (HERS) Score achieved by including bonus measures. The incentive amounts included in the table below are the possible ranges of additional incentive per lot for each measure.

High performance attics/ducts in conditioned space	Whole house fans	Cool roof	High performance walls	100% High efficacy lighting
\$195-\$390	\$130-\$260	\$65-\$130	\$65-\$130	\$65-\$130
Reduce temperature difference between attic space and conditioned air in air handling equipment and ducts, reducing heat transfer and energy use for cooling and heating.	Rapidly cool home temperatures by drawing in evening air and ejecting hot air through the attic. Comply with the <u>2013 Standards</u> , as stated in <u>Section 150.1(c) 12</u> .	Mitigate heat absorption on the roof deck and reduce need for cooling. Meet or exceed the minimum values for Climate Zone 11 in the <u>2013 Standards</u> , Table 150.1-A.	Minimize heat transfer and air leakage to reduce energy used to heat and cool a home. Increase thermal comfort for building occupants.	Abide by lighting prerequisite specifications and increase to 100% high efficacy lighting.

Program Application

INSTRUCTIONS

1. Call a Roseville Electric Utility program representative for details and funding availability prior to submitting this agreement. Funds are limited and will be reserved on a first-come, first-served basis for projects that meet program requirements. No payments will be made for any energy-efficient upgrades installed without prior written approval.
2. Review the Roseville Advanced Home Program Requirements and Terms & Conditions.
3. Complete one form per project and list ALL Plans/building types. Incentive payments are available only to owners, builders, or developers named on the Incentive Agreement, unless there's been an approved submission of a Payment Release Form. Please ask a Roseville Electric Utility program representative for details.
4. No projects will be accepted after drywall has been installed in enrolled units.

BUILDER INFORMATION

Payee Company Name	Payee Contact Name	
Payee Address	Payee City	Payee Zip
Payee Phone	Primary Contact	
Federal Tax ID#	<input type="checkbox"/> Corp <input type="checkbox"/> Non Corp <input type="checkbox"/> Individual <input type="checkbox"/> Exempt	If exempt, please describe

PROJECT INFORMATION

Project Name	<input type="checkbox"/> Check Box if project is participating in PG&E's CAHP		
Project Address/Location	Project City	Project Zip	
Gas Source: <input type="checkbox"/> Natural Gas <input type="checkbox"/> All-Electric	Permit Date		
Estimated Start Date	Estimated Completion Date		
Total Number of Lots Included with this Application	Total # of Plan Types in Project		
Please select housing type: <input type="checkbox"/> Custom Home <input type="checkbox"/> Production Single Family Homes (2 or more units) <input type="checkbox"/> Duplexes (2 attached units) <input type="checkbox"/> Townhomes (4 or less)	# of Units to Complete in: 2015_____ 2016_____ 2017_____ 2018_____		

PROJECT CONTACTS

Builder Contact Name	Builder Contact Phone	
Builder Contact Email		
HERS Rater Name	HERS Company	HERS Registry
HERS Phone	HERS Email	



Incentive Calculation Worksheet

Complete the form based on Title 24 compliance documents (CF-1Rs) that will accurately represent the built home. The project's HERS Rater will verify measures/incentives during field inspections.

Plan Name	Orient ation	Square Ft.	Type	Initial Program Score	HPA/DCS Bonus (3)	WHF Bonus (2)	HPW Bonus (1)	Cool Roofs Bonus (1)	100% High Efficacy Lighting (1)	Final Program Score	Incentive Per Lot		Est. # Units in Plan		Estimated Incentive
												x		=	\$
												x		=	\$
												x		=	\$
												x		=	\$
												x		=	\$
												x		=	\$
												x		=	\$
												x		=	\$
												x		=	\$
												x		=	\$
												x		=	\$
												x		=	\$
												x		=	\$
Estimated Village Total Rebate:														\$	
Incentive amount may vary according to final inspection results.															

APPLICANT AGREEMENT

I, the undersigned, agree that:

1. I have read and understand and agree to abide to the program rules, requirements and terms and conditions set forth in this Agreement.
2. The information that I have supplied on this Agreement is true, correct and complete.
3. This project is not receiving duplicate funding from multiple utility-sponsored energy efficiency programs for the same measures and associated fuels.
4. I give permission to Roseville Electric Utility to discuss all aspects of this project with my Energy Consultant and/or HERS Rater.
5. I understand that this agreement is valid for 24 months from the date of acceptance.

Company Name: _____

Applicant Name: _____

Signature: _____

Date Signed: _____

Incentive Calculation Instructions

Use the following tables to determine Incentives per Lot. This example assumes a final CAHP score of 79; enter the amount of \$625 in the Incentives per Lot Column.

Plan Name	Orientation	Square Ft.	SF/CH/PH/Dup/Town	Initial Program Score	HPA/DCS Bonus (3)	WHF Bonus (2)	HPW Bonus (1)	Cool Roofs Bonus (1)	100% High Efficacy Lighting (1)	Final Program Score	Incentives Per Lot		Est. # Units in Plan		Estimated Incentive
ABC Plan	N	1800	SF	84	x	x				79	\$625	x	4	=	\$2,500

Final Program Score		Single Family Incentive	Final Program Score		Single Family Incentive
84	=	\$300	69	=	\$1,665
83	=	\$365	68	=	\$1,795
82	=	\$430	67	=	\$1,925
81	=	\$495	66	=	\$2,055
80	=	\$560	65	=	\$2,185
79	=	\$625	64	=	\$2,315
78	=	\$690	63	=	\$2,445
77	=	\$755	62	=	\$2,575
76	=	\$820	61	=	\$2,705
75	=	\$885	60	=	\$2,835
74	=	\$1,015	59	=	\$2,965
73	=	\$1,145	58	=	\$3,095
72	=	\$1,275	57	=	\$3,225
71	=	\$1,405	56	=	\$3,355
70	=	\$1,535	55	=	\$3,485

Maximum incentive per home shall be capped at \$3,500. Performance incentive points through this program are only provided for energy efficiency improvements excluding PV.

Prerequisite Agreement

By signing this document, I certify that my community meets all of the following program prerequisites.

75% High Efficacy Lighting

Initial Here: _____ At least 75% of builder-installed lighting must be high efficacy, as defined by Table 150.0-A of the 2013 Building Energy Efficiency Standards. Screw-based fixtures with LED lamps must meet the following Voluntary California Quality LED Lamp Specification criteria: dimmable, Color Rendering Index of at least 90, ENERGY STAR® certified, color temperature between 2700K and 3000K (Kelvin).

Quality Insulation Installation (QII)

Initial Here: _____ The quality insulation installation will be certified by the insulation installer and be verified by a qualified Home Energy Rating System (HERS) rater to meet the requirements set forth in the 2013 Building Energy Efficiency Standards.

Electric Vehicle Readiness

Initial Here: _____ All garages in the community must include, at a minimum, the following:

- Installation complies with the 2014 California Energy Code
- Install a ¾" conduit raceway to a spare electric box in the garage that is sized for a 40-amp, 220-volt outlet
- A 40-amp, 220-volt breaker space shall be made available at the residential unit's electrical panel
- The outlet in the garage must be located on a permanent surface within 10 feet of at least one on-site parking space

Program Overview

The Roseville Advanced Home Program serves to encourage residential new construction to meet two visionary goals. The first is to help builders prepare for future code changes and build homes above code. The second is for all new homes to reach California's goal of Zero Net Energy (ZNE) by 2020.

Glossary of Terms

This document uses acronyms and abbreviations to simplify instructions. These terms include:

CAHP: California Advanced Homes Program

CEA: Certified Energy Analyst

CEC: California Energy Commission

CF-1R: Certificate of Compliance, visit energy.ca.gov for a full list of forms

CF-2R: Certificate of Installation, visit energy.ca.gov for a full list of forms

CF-3R: Certificate of Verification and Diagnostic Testing, visit energy.ca.gov for a full list of forms

CIR: CAHP Incentive Report

HERS: Home Energy Rating System

HERS Provider: an online registry that certifies and tracks compliance, installation, and verification certificates for residential projects to confirm compliance with the Standards

IRF: Incentive Request Form

PG&E: Pacific Gas and Electric Company, the investor-owned utility that provides gas service for Roseville Electric Utility customers

Rater: Inspector certified by a CEC-approved HERS provider to provide third-party verification for Title 24 measures

RNC: Residential New Construction

Program Introduction

The Roseville Advanced Home Program is meant to complement statewide CAHP, which PG&E administers (along with the other California Investor Owned Utilities). The program is open to single family residential new construction projects that meet the eligibility requirements and are within Roseville Electric Utility's service area. Projects within PG&E's service area may concurrently apply to CAHP.

The Roseville Advanced Home Program is designed to encourage builders to exceed compliance with California's 2013 Building Energy Efficiency Standards for Residential Buildings and to prepare builders for future changes to these standards. The program is a performance-based approach using approved CEC compliance software. A CEA must create and sign the documents. Each home must demonstrate compliance on its own; participants may not group unrelated or detached buildings together.

General Building Requirements

1. A new construction home receiving electric distribution from Roseville Electric Utility. Incentives are only available to the participating builder for reductions in electricity usage.
2. A single family detached dwelling, two-dwelling building (duplex) of any number of stories, or townhomes (four or less dwelling building) of any number of stories with R-3 occupancy and on a utility residential rate.
3. Be permitted under the 2013 Energy Efficiency Standards for Low-Rise Residential Buildings (Title 24) and achieve compliance in line with program requirements using a CEC-approved computer method. The Prescriptive Compliance Method is not eligible.
4. Applicants must submit projects as detailed in the "How to Apply" section, prior to the commencement of any HERS testing or drywall installation in the units applying for incentives. Please check with your HERS rater prior to submitting your application packet to ensure the lots indicated on your application and lot list are eligible. All participating units must be New Construction dwellings and modeled accordingly.
5. Applicant agrees to not accept duplicate funding from multiple utility-sponsored energy-efficiency programs for the same measures. Measures that save multiple fuel types can accept funding for

EACH fuel type from ONE utility. Projects coming through this program may claim incentives for electric savings from Roseville Electric Utility and gas savings from PG&E.

6. Participating projects must meet minimum program requirements and prerequisite measures for all homes within the same project, built after the date the Agreement is submitted.
Homes cannot use solar PV to comply with program minimum performance value. To ensure compliance of all homes when submitting a project using cardinal orientation, all lots and all orientations within the project must meet the minimum qualification criteria. If even one lot in one orientation does not comply, the entire project is ineligible.
7. For verification purposes, all projects must contract with a certified HERS rater, even if HERS measures are not required. The program will require the HERS rater to enter project verifications into the HERS registry for the CAHP certificate. This includes verification of non-HERS measures as applied in the projects' specified registry.
8. Incentive payments are available only to owners, builders, or developers named on the Agreement.
9. Funds are limited. The program will reserve funds on a first-come, first-served basis for projects that meet the program requirements. The program will not make payments for any changes to the unit that may affect compliance without prior written approval from a program representative.
10. Contact your program representative for additional program details and funding availability prior to submitting applications.
11. Roseville Electric Utility will not accept agreements after December 31, 2016 or sooner if funds are expended or fully committed. Agreement is valid for 24 months from date of utility acceptance.

How to Apply

Contact your Roseville RNC Program representative prior to submitting the Agreement and prior to construction to ensure that you have the most current program information available. The program may change or cancel incentive levels without notice. You will receive an appointed program representative that will guide you through the entire process and to whom you will submit application materials.

Submit the Following:

1. A completed 2016 Roseville Advanced Home Program Agreement received no later than December 31, 2016, or sooner if funds are expended or fully committed. Complete one application per project and list all plans/models and building types.
2. A completed Appendix II Plan Review Checklist.
3. Title 24 Certificate of Compliance (CF-1R) authored and signed by a CEA and the Utility Estimated Incentive Calculation Worksheet.
4. The electronic input file for the Title 24 energy compliance computer run for each model as constructed. You may submit this on a CD or by email to the program representative. Accepted electronic files are .RIBD for CBECC-Res and .bld for EnergyPro.
5. Complete set of construction plans including:
 - A set of architectural plans including floor plans, elevations and sections.
 - A subdivision lot map with North arrow for production home projects.
 - A site plan with North arrow for custom homes.
 - A copy of the tract map (tentative or recorded), construction schedule with phases, lots and addresses when available.
6. Applicant contracts with a CEA to prepare Title 24 documentation and a HERS rater.
7. Roseville Electric Utility program representatives may provide design assistance within reason for viable projects. The Utility will not provide funding for Title 24 documentation authors to reconstruct models or plans in the event of needed corrections.
8. Upon completion of utility plan check, Roseville Electric Utility will provide a Reservation Confirmation Letter.

Read all Roseville RNC Program instructions, Requirements, and Terms and Conditions contained herein. For additional program information, speak with your program representative. The Applicant listed on the Agreement is responsible for submitting documentation that verifies compliance with CEC requirements to the utility's satisfaction.

In cases where measures and construction elements may vary from default or minimum efficiency values, Roseville RNC Program may require supporting specifications sheets. Sign the Agreement and submit the package to your program representative. Applicants must submit project plans as a complete package. Program representatives will return incomplete packages to the applicant.

Once you receive written approval from the utility:

A. Construction and Inspection Phase 1

1. Ensure program-approved CF-1R is uploaded to the HERS Registry for each home under the CAHP field.
2. Ensure all applicable CF-2R forms are uploaded to the chosen HERS Registry for each home.
3. Obtain the appropriate CF-3R HERS rating certificates for each home after completing field verification (including QII); submit certificates for the tested house according to CEC HERS sampling protocols. Be aware that the HERS Rater will be inspecting to ensure that all program measures are installed. Projects with *failures* are subject to CEC retesting procedures and related fees at applicant's expense.
4. Before uploading any inspections to the HERS registry, **notify your utility of any changes that will affect total energy use of the home**, such as added or relocated windows, addition of "bonus" rooms or other areas not shown on the Title 24 submittal, changes in proposed HVAC or water heating equipment, and/or changes to building insulation. Projects that make changes without notification may forfeit incentive payment.
5. If applicable, submit all additional documentation as requested by your utility or as shown on the Incentive Request Form (IRF) (e.g., lot site map with north arrow, etc.).

B. Verification by Utility

Prior to paying incentives, a program representative will review all inspection documents to ensure Roseville RNC Program compliance. The utility retains final authority to determine program compliance and eligibility for incentives. Mail or email all correspondence to your program representative.

Rebate Amounts and Payments

The program will pay all rebates on or before December 15, 2018. At such time, ALL Roseville RNC Program reservations will expire. Funds are limited and the program will award them on a first-come, first-served basis until funds are expended.

To qualify for incentive payment, the home/lot must meet all program requirements, use a CEC-approved Title 24 compliance software, and receive final HERS inspection and upload all associated forms to the HERS registry prior to November 15, 2018. Refer to the measure descriptions document for measure requirements.

The maximum incentive amount allowed per lot is \$3,500.

Incentive payments are available only to owners, builders, or developers named on the Agreement. The program will pay all rebates upon verification and upload of HERS verification documents to the HERS registry.

Applicant Agrees To:

1. Notify Roseville Electric Utility in writing of any changes that will affect the number of houses or total energy use of houses under the reservation, and thereby the incentive levels covered by this application.
2. Allow Roseville Electric Utility access to each dwelling unit, prior to occupancy, to verify installation of measures and to perform any on-site diagnostic testing and verification.
3. Applicant agrees not to state or imply to homebuyers or others that it is an agent, employee, or representative of Roseville Electric Utility.
4. City of Roseville staff will review all use of the City of Roseville logo.
5. City of Roseville staff will review all use of the program name and logo.

Additional Terms

1. If the program is terminated for any reason, Roseville Electric Utility shall not be liable to the applicant for damages or compensation of any kind.
2. Roseville Electric Utility reserves the right to determine eligibility for the life of this program.
3. Roseville Electric Utility cannot be held responsible for any changes in incentive or eligibility, during the life of the reservation.
4. Roseville Electric Utility 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 this program, and expressly disclaims any such representation, warranty or liability. Applicant agrees to indemnify Roseville Electric Utility and the City of Roseville, its agents and employees against all loss, damage, expense, and liability arising from any measures installed.
5. Roseville Electric Utility reserves the right to modify reservation fund levels upon submittal by builder of revised design specifications.
6. All applications are subject to Roseville Electric Utility's verification of eligibility and compliance with supplemental program descriptions and requirements to applicant. Roseville Electric Utility retains final authority to calculate incentive payments under the above listed programs.

For More Information

Please visit the [Roseville RNC Program](#) website or contact RNC@trcsolutions.com or 1-866-352-7457

Roseville Electric Utility
Attn: Advanced Home Rebates
2090 Hilltop Circle
Roseville, CA 95747