ENERGY EFFICIENT NEW HOMESPROGRAM GUIDEBOOK









PROGRAM OVERVIEW

The Energy Efficient New Homes (EENH) Program provides energy efficiency rebates to builders of eligible new residential construction projects that are built to exceed the State of California Title 24 Energy Efficiency Standards and equipped with qualifying natural gas appliances. Production and custom single-family homes and low-rise and highrise multi-family projects built in the SoCalGas® service territory and served by SoCalGas may be eligible.

PROGRAM DESCRIPTION

Cash rebates are offered for qualifying natural gas appliances listed in the Worksheets contained in this quide.

Single-family (SF)

For single-family homes, refer to the list of qualifying natural gas appliances in the Single-family Worksheet. Larger rebates are offered based on the energy efficiency of the installed appliance. Rebates for qualifying clothes washers are available when paired with qualifying natural gas dryers in homes with natural gas water heating equipment. For homes with natural gas water heating, one thermostatic restriction valve rebate is available per bathroom for either a bath/shower combination or shower alone. Only one smart thermostat will be rebated for each home with a natural gas furnace.

Multi-family (MF)

For multi-family projects, refer to the list of qualifying natural gas appliances in the Multi-family Worksheet. Both Dwelling Units and Common Areas qualify for the rebates. A qualifying boiler controller must also be installed with any central boiler system. Rebates for clothes washers are available with natural gas dryers and water heating equipment. Only one smart thermostat will be rebated per dwelling and the common areas. Rebates for thermostatic restriction valves for baths and showers as well as demand-control recirculating pumps are available with natural gas water heating. One thermostatic restriction valve for shower/tub combination or shower will be rebated per bathroom.

Cash bonuses are also offered to Single-family or Multi-family projects which qualify for certain other areen certifications:

- U.S. Green Building Council (USGBC) Leadership in Energy & Environmental Design (LEED)
 Designations - Must receive a rebate for at least one item in the EENH Program
- U.S. Environmental Protection Agency (EPA)
 WaterSense-Labeled Home Must receive a rebate for at least one item in the EENH Program
- California Public Utilities Commission (CPUC)
 Deed-restricted Property Must receive a rebate for at least two items in the EENH Program

PROGRAM REQUIREMENTS

Applications must be submitted prior to construction start date and approved by SoCalGas to ensure funds will be reserved for future purchase and installation of qualifying equipment. Funds are limited and will be reserved on a first-come, first-served basis. Visit our website at socalgas.com/eenh for additional details, and to make sure funding is available and both reservations and applications are being accepted before applying. The EENH Program

may be changed or terminated without prior notice at any time.

Residential New Construction applicants may not accept incentives and/or rebates from more than one utility-sponsored energy efficiency program, including the California Advanced Homes Program (CAHP), for the same project.

EQUIPMENT REQUIREMENTS

Equipment must meet all applicable requirements as further described in the Application. Additionally, SoCalGas reserves the right to verify installation and deny payment for equipment that does not meet all program requirements. All equipment must also be new natural gas equipment or controller devices. Used or rebuilt equipment is not eligible. Equipment must also be installed and operational according to applicable federal, state, and local building codes, ordinances, standards and/or manufacturer's requirements.

RESERVING FUNDS

To reserve funds:

- Complete the application (including the attached worksheet) for either single-family or multi-family projects indicating the natural gas appliances and controller devices to be installed in the new residential construction project.
- 2. Print out, sign, and date the Application (including the worksheets).
- 3. Prior to the construction start date, mail the completed Application (including all worksheets) to:

SoCalGas®

Energy Efficient New Homes Program

M.L. GT 20B3

P.O. Box 512670

Los Angeles, CA 90051-0670

Questions? Call 1-866-563-2637 or email **NewHomes@socalgas.com**.

- 4. If the Application is approved by SoCalGas, an e-mail message with a reservation number will be sent to the applicant as proof of project approval to participate in the EENH Program.
- 5. Funds will be reserved for 36 months from the date of the approval e-mail message. The deadline

may be extended, if approved, for six months one time only by written request sent by the applicant to the previously stated postal address.

REQUEST FOR PAYMENT

To claim your rebate:

- When the project, or a phase in the case of production homes, has been completed, complete the Request for Payment (RFP) form and send to SoCalGas with the following supporting documentation. For production home projects, a completed RFP form may be sent in for each completed phase:
 - Project homes address list (if more than one home in the project)
 - Proof of equipment purchase a copy of the paid invoices or similar records that show equipment purchased and installed at the project address.
 - Proof of LEED or WaterSense certification A copy of the notification of certification or other record that documents the certification.
 - Copy of W-9 Form for applicant or for the third-party payee receiving the rebate check
- 2. Mail the completed package to:

SoCalGas®

Energy Efficient New Homes Program

M.L. GT 20B3

P.O. Box 512670

Los Angeles, CA 90051-0670

Questions? Call 1-800-508-2348 or email: scgrnc@socalgas.com

TERMS AND CONDITIONS

The following terms and conditions apply to the EENH Program. The individual or entity submitting the Application ("Applicant") hereby acknowledges and agrees as follows:

- Applicant has read and understands the rules, requirements, and terms and conditions set forth in these Guidelines (including the Application and all attachments hereto) and agrees to abide by such rules, requirements and terms and conditions.
- 2. Applicant meets the program eligibility requirements as stated or referenced in these Guidelines.

- 3. The information Applicant has supplied on the Application and attachment(s) is true, correct and complete.
- 4. If the Application or any work related thereto is terminated for any reason, SoCalGas shall not be liable to the Applicant for damages or compensation of any kind. In no event will SoCalGas or any of its affiliated companies or its parent company have any liability to Applicant or any of its employees, representatives, or agents for any special, indirect, incidental or consequential loss or damage whatsoever, including, without limitation, lost profits or lost investment opportunity, even if such party has been advised in advance that such damages could occur.
- 5. SoCalGas reserves the right, in its sole discretion, to determine eligibility for rebates.
- 6. SoCalGas makes no representation or warranty (including the warranty of merchantability or fitness for a particular purpose), and assumes no liability with respect to quality, safety, performance, or other aspect of any design, system or appliance selected or installed and expressly disclaims any such representation, warranty or liability. To the fullest extent permitted by law, Applicant agrees to indemnify and hold harmless SoCalGas, 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 EENH Program 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.
- 8. Applicant understands that if the rebate is modified in any way or terminated by order of any government entity, then the Application shall be revised or terminated consistent with that order.
- SoCalGas may assign the Application, 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 SoCalGas remains obligated for payments incurred prior to the assignment. The Applicant may not assign this Application, in whole or in part (including by a direct or indirect change of control or by operation of law), or, its rights and obligations hereunder, directly or indirectly, by operation of law or otherwise without the prior written consent of SoCalGas.
- 10. Applicant understands rebates require inspections of the installed appliances and/or devices. Therefore, Applicant agrees to provide access to the project site for these purposes to SoCalGas and/ or its agents or assigns and the CPUC and/or its agents or assigns.
- 11. To the fullest extent permitted by law, Applicant agrees to indemnify and hold harmless SoCalGas, 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 SoCalGas, customer, or any third party; (2) injury to property or other interests of utility, 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 utility, its officers, managers or employees.
- 12. Funding approved for this rebate is limited and will be paid on a first-come, first-served basis to qualified applicants. Funds will only be reserved upon SoCalGas' approval of the Application. This rebate offer is subject to the availability of authorized funds.
- 13. Applicant agrees that Applicant will not apply for or receive incentives or rebates offered by local or state entities or other utilities for eligible equipment covered under this Application.

- 14. SoCalGas may suspend or terminate the Application, with or without cause, upon written notice to Applicant.
- 15. Applicant understands the following tax liability provisions: SoCalGas will report rebates greater than \$600 as income to Applicant on IRS Form 1099 unless: 1) Applicant has marked the "Corporation" or "Exempt" tax status box on the Request for Payment Form, or 2) Applicant has authorized SoCalGas to remit the rebate payment to a third party on the RFP Form. SoCalGas will report rebates greater than \$600 as income to the third party payee unless the Applicant has marked the "Corporation" or "Exempt" tax status box for the payee on the RFP Form. Utility recommends that Applicant consults a tax adviser concerning the taxability of rebates. SoCalGas is not responsible for any taxes that may be imposed due to rebate payments.
- 16. Applicant understands once an Approval Letter is issued for this Application, the Application will be processed under the program and the appliance rebate and bonus levels in place at the time. If the Application is withdrawn at any time in the process, Applicant may only resubmit an Application for the same project in the same program and appliance rebate and bonus levels, under specific approved circumstances.
- 17. Applicant understands SoCalGas may use the services of external consultant(s) for functions related to the submitted projects. The applicant hereby authorizes SoCalGas to share any of the submitted project information with the consultants, expressly for this purpose.
- 18. If this Agreement is canceled, the applicant may reapply at a later date. Applications will be accepted and estimated rebates will be committed based upon the funds available at the time of reapplication.
- 19. The Energy Efficient New Homes Program is funded by SoCalGas customers and administered by Southern California Gas Company, under the auspices of the California Public Utilities Commission.
- 20. This program, including all rules and requirements with respect thereto, may be modified or terminated without prior notice.

GLOSSARY

- Annual Fuel Utilization Efficiency (AFUE) The AFUE is a measure of annual efficiency of
 boilers and furnaces. It takes into account the
 cyclic on/off operation and associated energy
 losses of the heating unit as it responds to
 changes in the load.
- BTU British Thermal Unit; a traditional unit of heat defined as the amount of heat required to raise the temperature of one pound of water by one-degree Fahrenheit.
 - MBTU Thousand British thermal units.
- Combined Energy Factor (CEF) Energyperformance criteria for dryers. CEF is the quotient of the test load size, 8.45 pounds for standard dryers and 3 pounds for compact dryers, divided by the sum of the machine electric energy-use during standby and operational cycles.
- Combustion Efficiency (CE) This is the energy available within the system after subtracting the wasted heat as a flue stack loss. CE is measured at the flue stack with an analyzer as CE = 100 percent-(stack loss in percentages)
- Energy Factor (EF) This is an efficiency rating for water heaters. It is the ratio of useful energy output to the total amount of energy used.
- Fireplace Efficiency (FE) Based on Canadian Standards
- Integrated Modified Energy Factor (IMEF) –
 Energy performance metric for ENERGY STAR®
 certified residential clothes washers
- Integrated Water Factor (IWF) Waterperformance metric for ENERGY STAR certified residential clothes washers
- Thermal Efficiency (TE) This is an energyefficiency measure of combustion equipment. For boilers it is the percentage of energy consumed that converts to heat for the water or steam.
- Uniform Energy Factor (UEF) For residential and certain commercial water heaters refers to its efficiency when run under standardized conditions for a 24-hour period.

APPLICATION AND AGREEMENT FORM

Complete this application and agreement form to reserve funds for single-family or multi-family new construction projects. You can fill it out on your computer and then print it out for signature.

APPLICANT	PAYEE	INFORM	ATION
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Applicant/Builder Name				
SoCalGas Representative		Payee Name		
Federal Tax ID # (or) Social Security #	☐ Corporation ☐ Non-Corporation ☐ Individual ☐ Exempt If exempt, describe why:			
Payee Address		Payee City		Payee ZIP
PROJECT INFORMATION				
Project Name				
Project Address/Location		Project City		Project ZIP
Authorized Project Contact		Authorized Contact Teleph	one Number	
Fax Number		Email		
Permitting Agency		Permit Date		
Start Date		Estimated Completion Date	9	
HERS Provider (i.e. HERS Registry)		HERS Company		
HERS Rater Name		HERS Rater Address		
HERS Rater Email		HERS Rater Telephone No.		
HERS Rater Certification No.				
PROJECT TYPE				
Please Select Single-family or Multi-family: What company is providing electricity to the	☐ Single-family - Please s		PG&E SDG	- Please select housing type: &E [∞] □ Other
This project will be served by SoCalGas:		erved by SoCalGas are not eli	igible.	
Tract Number				
Phase Number(s)		Lot Number(s)		
# of Units to Complete in: 2020	20212022	2023	Total	
 APPLICANT AGREEMENT I, the undersigned, agree that: I have read and understand and agree in this Application. The information that I have supplied This project is not receiving duplicated I understand that this agreement is in the Guidelines. I am authorized to sign this Applicated 	on this Application is true e funding from multiple u valid for 36 months from	ne, correct and complete utility-sponsored energy date of utility's issue of	e. r-efficiency prog	rams for the same measures.
Company Name	Name of	Authorized Representative		
Title	Signature			Date:

SINGLE-FAMILY WORKSHEET Complete the worksheet to submit with the Application.

Efficiency Requirement	Rebate Amount X	Quantity	≠ Water Heating Rebate
	Itobate /tilloulit	Qualitity	≠ Water Heating Rebate
UEF 0.81-0.86	\$400		
UEF 0.87-0.92	\$600		
UEF 0.93-0.94	\$800		
UEF ≥ 0.95	\$1,000		
Efficiency Requirement	Rebate Amount 🗶	Quantity	≠ Space Heating Rebate
AFUE 92-94%	\$150		
AFUE 95-96%	\$400		
AFUE ≥ 97%	\$1,000		
(Available with natural gas furnace) (Only one smart thermostat per single-family home qualifies for a rebate.)		Quantity	≖ Thermostat Rebate
List of Qualifying Models			
for homes with natural gas w	vater heating. Mus	st install one dryer to	o qualify for washer rebate
Efficiency Requirement	Rebate Amount 🗶	Quantity	= Laundry & Bath Rebate
IMEF \geq 2.76 and IWF \leq 3.2	\$50		
IMEF \geq 2.06 and IWF \leq 4.3	\$50		
IMEF \geq 2.92 and IWF \leq 3.2	\$75		
Energy Star (CEF 3.48)	\$75		
N/A	\$15		
N/A	\$30		
each type)			
Efficiency Requirement	Rebate Amount X	Quantity	= Extras Rebate
70%-74.9% FE	\$300		
≥ 75% FE	\$500		
84%-89% TE	\$300		
≥ 90% TE	\$750		
	UEF 0.93-0.94 UEF \geq 0.95 Efficiency Requirement AFUE 92-94% AFUE 95-96% AFUE \geq 97% The qualifies for a rebate.) for homes with natural gas were supported by the properties of the p	UEF 0.93-0.94	UEF 0.93-0.94

TOTAL REBATE AMOUNT REQUESTED:	
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MULTI-FAMILY WORKSHEET

Complete the worksheet to submit with the Application. Both Dwelling Units and Common Areas qualify for the rebates

GROUP 1 - WATER HEATING						
System Type	Efficiency Requirement	Rebate Amount	MBTUs per Unit	Q uantity	+	Total Rebate
Tankless Water Heater Tier 1	UEF 0.81-0.86	\$400	N/A			
Tankless Water Heater Tier 2A	UEF 0.87-0.92	\$600	N/A			
Tankless Water Heater Tier 2B	UEF 0.93-0.94	\$800	N/A			
Tankless Water Heater Tier 3	UEF ≥ 0.95	\$1,000	N/A			
Central Storage WH System Tier 1	.8389 TE or .6676 UEF	\$3 per MBTU				
Central Storage WH System Tier 2	\geq 0.9 TE or \geq .80 UEF	\$5 per MBTU				
Central Tankless WH System Tier 1	84% - 89% Thermal Efficiency	\$3 per MBTU				
Central Tankless WH System Tier 2	\geq 90% Thermal Efficiency	\$5 per MBTU				
Central Boiler Tier 1 (for water and/or space heating)	84-89% Thermal Efficiency	\$3 per MBTU				
Central Boiler Tier 2 (for water and/or space heating)	\geq 90% Thermal Efficiency	\$5 per MBTU				
	Boiler Controller (N	Must install with	n any boiler)			
Boiler Controllers (≤35 units)	N/A	\$700	N/A			
Boiler Controllers (≥36 units)	N/A	\$1,400	N/A			
Boiler Controller Dual Set (≤34 units) (for water and space heating)	N/A	\$700	N/A			
Boiler Controller Dual Set (≥35 units) (for water and space heating)	N/A	\$1,400	N/A			
GROUP 2 - SPACE HEATING						
System Type	Efficiency Requirement	Rebate Amount	MBTUs per Unit	Quantity	+	Total Rebate
Furnace Tier 2	AFUE 95-96%	\$250	N/A			
Furnace Tier 3	AFUE ≥ 97%	\$350	N/A			

MULTI-FAMILY WORKSHEET (CONTINUED)

GROUP 3 - LAUNDRY & BATH					
Measure Name	Efficiency Requirement	Rebate Amount	MBTUs per Unit	Quantity	Bonus Rebate
Thermostatic Restriction Valve — Shower Available with natural gas water heating equipment	N/A	\$15	N/A		
Thermostatic Restriction Valve — Shower/Bath Combo Available with natural gas water heating equipment	N/A	\$30	N/A		
Clothes Dryer	Energy Star (CEF 3.48)	\$75	N/A		
Clothes Washer Tier 1 — Front Loader Available with natural gas dryer and water heating equipment	IMEF \geq 2.76 and IWF \leq 3.2	\$50	N/A		
Clothes Washer Tier 1 — Top Loader Available with natural gas dryer and water heating equipment	IMEF \geq 2.06 and IWF \leq 4.3	\$50	N/A		
Clothes Washer Tier 2 Available with natural gas dryer and water heating equipment	IMEF \geq 2.92 and IWF \leq 3.2	\$75	N/A		
GROUP 4 - EXTRAS					
Measure Name	Efficiency Requirement	Rebate Amount	MBTUs per Unit	Quantity	Bonus Rebate
Fireplace Insert Natural Gas List of Qualifying Models	70-74.9% FE	\$300	N/A		
Fireplace Insert Natural Gas List of Qualifying Models	≥ 75% FE	\$500	N/A		
Natural Gas Pool Heater	\geq 84% Efficiency	\$3 per MBTU			
Demand Control Recirculating Pump Available with natural gas water heating equipment	N/A	\$50/unit	N/A		
Smart Thermostat — in dwelling Available with natural gas furnace) List of Qualifying Models		\$50/unit	N/A		

TOTAL REBATE AMOUNT REQUESTED:	
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SINGLE-FAMILY WORKSHEET ADDENDUM

Bonus per Unit	# of Units	Bonus				
\$25						
\$20						
\$15						
\$10						
\$15						
\$40						
OTAL SINGLE-FAMILY CASH BOI	NUS REQUESTED:					
TOTAL SINGLE-FAMILY REBATE AMOUNT REQUESTED:						
TOTAL PAYMENT REQUESTED:						
	\$25 \$20 \$15 \$10 \$15 \$40 OTAL SINGLE-FAMILY CASH BOIL	\$25 \$20 \$15 \$10 \$15 \$40 OTAL SINGLE-FAMILY CASH BONUS REQUESTED: L SINGLE-FAMILY REBATE AMOUNT REQUESTED:				

MULTI-FAMILY WORKSHEET ADDENDUM

GROUP 5 - ADDITIONAL CASH BONUS			
Item	Bonus per Unit	# of Units	Bonus
USGBC LEED Platinum Level	\$15		
USGBC LEED Gold Level	\$10		
USGBC LEED Silver Level	\$7		
USGBC LEED Certified Level	\$5		
EPA WaterSense-labeled Home	\$5		
Deed-restricted Property	\$10		
тотл			

FOR DEED-RESTRICTED PROPERTY BONUS ONLY (SINGLE-FAMILY AND MULTI-FAMILY)

Deed-restricted Type: (Check All that Apply) General Obligation Bonds Low-income Tax Credits Properties owned by HUD Local, State, or Federal Loans or Grants
Tax-exempt mortgage revenue bonds Owned or controlled housing for federally-recognized tribal members
☐ Housing legally controlled by local housing authorities, non-profit organizations or other owners where:
• The building is deed- or contract-restricted to house low-income tenants under an agreement with HUD, the California Department of Housing and Community Development and/or the State Treasurer's Office restricting rents to affordable levels based on tenant income levels That are regularly verified by HUD or the specified state agency.
 That are regularly verified by HUD or the specified state agency. Other (specify)
Deed-restricted Property Verification (Required)
By checking this box, I acknowledge and understand that if I am submitting for a deed-restricted property bonus, the project must meet the definition of "deed-restricted" as defined by California Public Utilities Code Section 2852(a)(3)(A) and further modified by the CPUC as a residential property financed with low-income tax credits, tax-exempt mortgage revenue bonds, general obligation bonds, or local, state, or federal loans or grants. SoCalGas reserves the right to require documentation of deed restrictions.

REQUEST FOR PAYMENT FORM

Signature ____

Complete this form to request payment for completed units in single-family or multi-family new construction projects. You can fill it out on your computer and then print it out for submittal. Payment will be sent to the Applicant on file unless you fill out and sign the Third Party Payment Authorization below.

Reservation Number:	Production Home Phase Number:		Number of Homes in Pha	se:
APPLICANT/PAYEE INFORMATION (Only f	fill in and sign belo	w if changed since Applica	tion)	
Applicant/Builder Name				
SoCalGas Representative		Payee Name		
Federal Tax ID # (or) Social Security #		Corporation Non-Collif exempt, describe why:	rporation	Individual
Payee Address		Payee City, State		Payee ZIP
ON-SITE PROJECT CONTACT INFORMAT	ION			
On-site Project Contact		Contact Mobile Telephone		
Email				
THIRD PARTY PAYMENT AUTHORIZATIO	N			
As the Applicant, I request that my EENH rebate be rel I understand that my release of the payment to the Pa I also understand that SoCalGas will report rebates gr or "Exempt" tax status box for the payee below. SoCa	ayee does not exempt eater than \$600 as inc	me from the program requireme come on Form 1099 to the third-p	nts outlined in t arty payee unle	this Agreement. ess I have marked the "Corporation"
Make Rebate Check Payable to:				
Payee First and Last Name				
Payee Company				
Federal Tax ID # (or) Social Security #		Corporation Non-Co	orporation [Individual
Payee Address		Payee City, State		Payee ZIP
Applicant Name (Required):			Date (Re	equired):
Applicant Signature (Required):				
 SUPPORTING DOCUMENTATION REQ Project homes address list (if more than one) Proof of equipment purchase – a copy of the similar records that show equipment purchase the project address. Proof of LEED or WaterSense certification notification of certification or other record certification. Copy of W-9 Form for applicant or third-part the rebate check 	e home in the proj e paid invoices or ased and installed • A copy of the that documents th	signed form with to documents to: SoCalGas® Energy Efficient M.L. GT 20B3 P.O. Box 512670	the supporting	ng
Applicant Name				

_ Date: ____

INSTALLED EQUIPMENT INFORMATION

Complete the Installed Equipment Information form to submit with the Request For Payment form.

Install Date (mm/dd/yr)	Equipment Type	Manufacturer	Model/Type	Size (MBtu's) (Applies to MF Boilers, Water Heaters and Pool Heaters Only)	(Quantity)	Rebate/Unit =	Rebate Total*
					TOTAL RE	BATE PAYMENT:	

CASH BONUS CERTIFICATIONS

Item	Bonus per Unit	# of Units	Bonus

TOTAL CASH BONUS PAYMENT:

TOTAL PAYMENT:

4	SoCalGas
	sempra Energy utility®