

SACRAMENTO MUNICIPAL UTILITY DISTRICT HOME PERFORMANCE PROGRAM (HPP)

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Key Dates

- **Friday, Nov. 16th, 2012** – New Prescriptive Home Performance Program available to all contractors
- **Dec. 14th, 2012**
 - Deadline to submit post-retrofit documentation for all jobs under current program – but **we strongly recommend Dec. 7th**.
 - All jobs that come in after this deadline (Dec. 14th) will be processed through the new 2013 program.
 - There is no guarantee that the rebates will be the same.



Contractor Assessment Subsidy

- Fixed \$200 per assessment.
- 20% conversion rate required.
- Assessments that are converted to jobs must be CLEARLY indicated in EACH batch submitted to SMUD for payment. Otherwise, we will assume that zero jobs were converted.
- JRT – all pages used. If only one option then page 6 and 7, not all blank pages.
- The CAZ tab is still required to be filled out with notes.



Contractor Participation

Contractors are expected to PARTICIPATE if they are on the SMUD HPP Contractor List.

- 1 job every 6 months and completed in last 12 months
- Know program process and requirements

Inactive contractors will be removed from the list. Current issues:

- Customers have to choose from too many inactive contractors
- Inactive contractors get calls from customers that are interested in SMUD's HPP, but contractors are not selling the program.
- Many contractors don't know how to get a HPP rebate for interested customers. Why should they be on the list? It's a disservice to our customers.

The new Contractor List will indicate activity level of each contractor (e.g., there will be a check mark next to ... <5 jobs, 6-20 jobs, >21 jobs). Contractors will still be listed in a random order.



New Prescriptive Home Performance Program

Why change the program?

- Be transparent with customers and contractors (do X, get Y)
- Align with other SMUD programs, push customers towards multi-measures, comprehensive
- Simplify process (only the JRT is needed – no modeling, no BLD files)
- Save time and money (energy modeling not required, assessment time/process simpler)
- Easier to participate and understand, similar programs have been successful and sustainable



Intent of Program – to qualify as a Home Performance project

- Do two or more measures – duct sealing existing ducts with HVAC change out is considered 1 measure
- Achieve at least 15% kWh savings (deemed savings will be used)
- At the end of each HPP upgrade, the home must be:
 - Safe
 - Attic insulation must be \geq R-30
 - Air leakage meets ASHRAE 62.2 infiltration requirement
 - Duct leakage must be 8% or less
- Use menu to educate customers on scope, and instill the “do more/ get more idea across!



SMUD HOME PERFORMANCE PROGRAM - MENU						
Check the boxes that correspond to each measure. The rebate will be automatically calculated at the bottom of the menu once the <i>Jobinfo</i> tab is also completed. Email SMUDContractors@bki.com for assistance.						
Note: At the end of each HPP upgrade, the home must be safe, attic insulation must be ≥ R-30, and duct leakage must be ≤ 10%, and whole building leakage must be ≤ 130% of the ASHRAE mechanical				Contractor: Installation Address:		
Measure	Description	Requirements		Rebate	\$ earned	
		Pre-retrofit	Post-retrofit			
SHELL MEASURES						
Attic insulation & attic floor sealing	Air seal the attic plane, recessed lights, and knee walls. Insulate attic above all conditioned areas to R-38 or greater. Complete the ATTIC INSULATION & ATTIC FLOOR SEALING section of the Jobinfo tab to calculate rebate.	≤ R-29 (existing insulation must be completely replaced)	Sealed attic floor, ≥ R-38	\$60 for every 100 sqft of attic insulation, \$1500 max		<input type="checkbox"/>
		R-19 to R-29 (re-use of existing insulation allowed)	Sealed attic floor, ≥ R-38	\$50 for every 100 sqft of attic insulation, \$1500 max		<input type="checkbox"/>
		≤ R-18 (existing insulation must be completely replaced), Infiltration ≤ 130% ASHRAE standard	≥ R-38	\$20 for every 100 sqft of attic insulation, \$1500 max		<input type="checkbox"/>
		R-19 to R-29 (re-use of existing insulation allowed), infiltration ≤ 130% ASHRAE standard	≥ R-38	\$10 for every 100 sqft of attic insulation, \$1500 max		<input type="checkbox"/>
Air sealing	Air seal the building to reduce leakage	> 130% of ASHRAE 62.2 mechanical ventilation standard	≤ 130% of ASHRAE 62.2 mechanical ventilation standard (see Jobinfo tab for target)	\$150 plus \$50 for every 500 sqft over 500 sqft, \$400 max (based on total area of home)		<input type="checkbox"/>
Wall insulation	Insulate walls to R-13 or greater. Complete the WALL INSULATION section of the Jobinfo tab to calculate rebate.	No insulation	≥ R-13, all exterior walls of living space	\$50 for every 100 sqft of insulation, \$1000 max		<input type="checkbox"/>
Window replacement	Replace windows with efficient ones. Complete the WINDOWS section of the Jobinfo tab to calculate rebate.	-	U-factor ≤ 0.35, SHGC ≤ 0.30	\$75 for every 25 sqft of new window area, \$1000 max		<input type="checkbox"/>
Crawlspace insulation	Insulate floors or crawlspaces to R-19 or better. Measure must include a vapor barrier (6 MIL plastic).	No insulation	≥ R-19, vapor barrier (6 MIL plastic)	\$500		<input type="checkbox"/>

SMUD HOME PERFORMANCE PROGRAM - MENU						
HVAC MEASURES						
Replace HVAC	Replace electric HVAC system. Select the # of HVAC systems to be replaced in column G. Note additional information for the reviewer (e.g., any unusual configuration of the home) in the NOTES section of the <i>Jobinfo</i> tab.	Split Central AC	≥ 14.5 SEER, ≥ 12 EER	\$400		
		Split Central AC	≥ 15 SEER, ≥ 12.5 EER	\$500		
		Split Central AC	≥ 16 SEER, ≥ 13 EER	\$650		
		Split Central AC	≥ 14.5 EER	\$1,100		
		Split Central AC	≥ 14.5 EER - Aqua Chill	\$2,000		
		Packaged Central AC	≥ 14 SEER, ≥ 11 EER	\$400		
		Packaged Central AC	≥ 14 SEER, ≥ 12 EER	\$500		
		Split Heat Pump	≥ 14.5 SEER, ≥ 12 EER, ≥ 8.5 HSPF	\$400		
		Split Heat Pump	≥ 15 SEER, ≥ 12.5 EER, ≥ 8.5 HSPF	\$500		
		Packaged Heat Pump	≥ 14 SEER, ≥ 11 EER, ≥ 8 HSPF	\$400		
Packaged Heat Pump	≥ 14 SEER, ≥ 12 EER, ≥ 8 HSPF	\$500				
Home Performance Program HVAC bonus	Downsize the HVAC unit. Complete the HVAC section of the Jobinfo tab to calculate rebate.	-	Downsized unit	\$100 per 1/2 ton reduction, \$300 max		<input type="checkbox"/>
Ducts	Seal to ≤ 8% measured leakage	> 10% duct leakage	≤ 8% duct leakage	\$250		<input type="checkbox"/>
	Replace ducts	Existing duct system	New duct system, ≥ R-8	\$500 per system, \$700 max		
	Straighten, shorten, and set ducts on attic floor and deep bury them	Not buried	Deep buried	\$200		<input type="checkbox"/>
MISCELLANEOUS MEASURES						
Domestic hot water replacement	Replace existing DHW to a heat pump DHW. Warranty must be ≥ 6 years on sealed system, safety UL 174 & UL 1995. Replace existing electric DHW to electric DHW with EF 0.93 or greater	Existing electric DHW	Heat Pump DHW, EF ≥ 2.0, first hour rating ≥ 50 gallons/hr	\$650		<input type="checkbox"/>
		Existing electric DHW, < 0.88 EF	> 0.93 EF	\$150		<input type="checkbox"/>
Pool pump	Replace pool pump	Single-speed	Variable-speed	\$400		<input type="checkbox"/>
		Two-speed	Variable-speed	\$250		<input type="checkbox"/>

SMUD HOME PERFORMANCE PROGRAM - MENU						
BONUS REBATES						
Six or more measures	Perform 6 or more upgrade measures (HVAC upgrade and/or tonnage reduction and/or duct sealing count as measures)	-	-	\$100		<input type="checkbox"/>
Submit post-retrofit documentation by June 30, 2013	Submit all post-retrofit documentation to Vision portal by 5 PM June 30, 2013	-	-	\$200		<input type="checkbox"/>
CONTRACTOR SUBSIDIES/TESTS (these measures will not count towards the total rebate)						
Comprehensive home energy assessment	Contractor is paid up to \$200 per assessment.	-	Paid to contractor, up to:	\$200		<input type="checkbox"/>
Combustion safety test	Contractor will perform combustion safety testing prior to starting work and after completion of the upgrade. The contractor will install a carbon monoxide detector as required by California law.	-	Must pass (except all-electric homes)	-	-	<input type="checkbox"/>
Total Rebate (max \$5000):					\$0	
This job scope meets or exceeds the 15% kWh savings required to participate in SMUD Home Performance Program:						

New Insulation Guidelines

If re-using the existing insulation:

- Should be specified in the work scope
- Supported with pictures showing all existing attic insulation areas



We are Here to Help

Helping contractors save time and money is our ultimate goal

For more info please visit cbpca-hpp.org or contact Alex or Moe for direct assistance

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