Residential Program Matrix

	UTILITY INCENTIVES	ENERGY STAR®	NEW SOLAR HOMES	GREENPOINT RATED	LEED FOR HOMES	GREEN COMMUNITIES	LIHTC-TCAC
PROGRAM TYPE:	EE Incentive	EE Certification	Solar PV Incentive	Green Certification	Green Certification	Green Grant & Certification	Tax Credit Equity
GEOGRAPHY:	CA (PG&E, SCE, Sempra)	Nationwide	CA	CA & Western States	Nationwide	Nationwide	Nationwide/CA
ADMINISTERED/ IMPLEMENTED:	IOU's/ICF/HMG	EPA/Partnership Agreements	CEC/IOUs	Build it Green	USGBC & LEED for Homes Providers	Enterprise Community Partners	CA TCAC
PROJECT TYPE:	SF + MF Afford. & Mkt Rate	SF + MF (<3 strs), >3 strs HR pilot) Afford. & Mkt Rate	SF + MF Afford. & Mkt Rate	SF + MF (new and existing) Afford. & Mkt Rate	SF + MF (including high-rise res & gut rehab) Afford. & Mkt Rate	SF + MF (LR < 3 strs, M/HR > 3 strs), new and existing Afford. Only	MF + SF (new and existing rentals) Afford. Only
PROGRAM COST:	Free Funded by Ratepayers	Free Public Service	Free Funded by Ratepayers	$400 application fee, $50/unit or $100/building	for USGBC Fees go to usgbc.org/leed/homes	Free	Competitive Grant
Plan review	Free	HERS fees vary based on production vs. custom, complexity, and size of home	Free	Included in rater fees	for Provider fees contact leed@davisenergy.com	NA	NA
Verification	HERS Rater/EC cost	HERS Rater/fees vary	HERS Rater/EC Cost	GPR Rater Cost	LEED for Homes GR* + HERS Rater/EC Cost	NA	NA
Logo use	NA	No Cost	NA	$350/project only if logo used before compl.	Available from USGBC for registered projects	NA	NA
INCENTIVES:	~$100-1000/u perf (escalating incentives based on % above T24) $60/u HERS (MF only) $50/u EC (MF only)	None from EPA, but sponsors across the country offer varying incentives	Mkt: $2.60/watt (solar standard feature); $2.50/watt base incentive Afford: $3.50/watt res units; $3.30/watt common area	NA	Affordable Grant, Utility Incentives, Energy Star, NSHP	$5k/charette	Funding Award
BASELINE:	15%>T-24	15%>T-24 + Duct Test + QII/TBC + AC sizing ENERGY STAR appl. (New Standard 2011)	Tier I: 15%>T-24 + PVregs + ESTAR® appl. Tier II: 35% >T-24 + 40% red. in cooling	15%>T-24 + Prereqs 50pts min.	2010 ESTAR® for CA + Prereqs	15% > ASHRAE 90.1-2004; 15%>T-24 + ESTAR® + Mandatory Provisions + 35 points (new construction) OR 30 points (rehab) optional criteria	ESTAR® appl + Green Communities Pts for 10%>T-24; 5% Basis boost 15%>T-24 or PV
PROCESS (PROJ PHASE):							
(Design) 1	Submit app+plans+T-24	Submit Partnership Agreement	Submit app. Package	Hire GPR*/HERS	Builder submit app to DEG*	Submit app package	
(Cost estimating) 2	Expect to hire HERS*	Expect to hire HERS*	Expect to hire HERS*/PV	Draft checklist w/GPR	Expect to hire GR*/HERS/ES*	Expect to hire HERS*	
(Permitting) 3	Undergo/pass plan rev.	Meet requirements	NSHP sends payment claim form to applicant	GPR submit app	Preliminary Rating Meeting w/GR	Enterprise conducts initial review of app package	
(Construction) 4	Pass HERS site verif.	Pass HERS site verif.	Pass HERS/PV site verif.	Undergo GPR verif.	Undergo LEED-H verif.	Pass HERS site verif.	
(Completion) 5	Coord. w/utility on final	Receive label	Coord. w/utility/CEC	GPR submit final checklist	GR submit final checklist	Submit compliance docs	
6	Request Incentive	Report to EPA	Applicant submits payment claim package	NA	DEG comm w/USGBC	Enterprise conducts final review	
7	Rec. incentive check	Marketing tools available	Rec. incentive check	Rec. certification	Rec. cert & mkting mat'ls	Rec. grant	
PROGRAM WEBSITE:	flexyourpower.com; h-m-g.com	energystar.gov/homes	gosolarcalifornia.ca.gov	greenpointrated.org	davisenergy.com	greencommunitiesonline.org	treasurer.ca.gov/CTCAC
PROGRAM RESOURCES:	h-m-g.com/multifamily/ aheea/handbook	energystar.gov/homes	gosolarcalifornia.ca.gov/ documents/nshp.html	builditgreen.org/ guidelines--checklists/	email: leed@davisenergy.com	greencommunitiesonline.org/ tools/certification_process.asp greencommunitiesonline.org/ tools/criteria/	

KEY: **EE**=Energy Efficiency **IOU**=Investor Owned Utility (PG&E/SCE/SCG/SDG&E) **HMG**=Heschong Mahone Group **DEG**=Davis Energy Group **BIG**=Build it Green **SF**=single family **MF**=multifamily **u**=unit **HERS**=Home Energy Rating System **ES**=ENERGY STAR **EC**=Energy Consultant **Appl.**=appliances **MOU**=Memorandum of Understanding **GR**=Green Rater
Find A: HERS www.energy.ca.gov/HERS EC www.cabec.org/ceperoster.php PV www.consumerenergycenter.org/erprebate/database GPR www.builditgreen.org/greenpoint-rated/find-rater LEED-H Rtr thru DEG *HERS/GPR/ENERGY STAR Rater could be the same person *Equival. Tool available for dual certification in GPR & LEED for Homes thru DEG

This matrix was compiled by Heschong Mahone Group, Inc. with assistance from the New Solar Homes Partnership, Build It Green, and Davis Energy Group. Last updated 3/3/2010