

Res/ Nonres/ CC	Pgm/ Pgm Group	Primary EM&V Activity Area (from Version 1 EM&V Work Plan)	Study Name	Xref #	2010-2012 EM&V Project Budget	Study Manager	Funding Source	Pre 2010- 2012 Budget
CC	All	Measure and Program Impacts and Verification	Detailed Impact Evaluation of High Impact Measures	1	\$10,000,000	ED	2010-2012	\$0
CC	All	Measure and Program Impacts and Verification	Impact Evaluation of Custom Measures	2	\$9,000,000	ED	2010-2012	\$0
CC	All	Measure and Program Impacts and Verification	Impact Evaluation of Strategic Measures	3	\$5,000,000	ED	2010-2012	\$0
CC	All	Measure and Program Impacts and Verification	Parameter Focused and Cross-Cutting Impact Evaluations	4	\$4,500,000	ED	2010-2012	\$0
CC	All	Measure and Program Impacts and Verification	Verification and Ex Ante Review/Update Study for Moderate Impact Measures	5	\$1,000,000	ED	2010-2012	\$0
Nonres	All	Measure and Program Impacts and Verification	Early EM&V for Non-Residential Custom Projects - ED EM&V Funds	6	\$2,000,000	ED	2010-2012	\$0
CC	Lighting	Measure and Program Impacts and Verification	CFL Laboratory Testing	7	\$0	ED/SCE	2009	\$760,000

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Res	All	Program Delivery and Implementation Assessment	Overarching Process Evaluation of All Residential Programs	8	\$500,000	ED	2010-2012	\$0
Res	All	Program Delivery and Implementation Assessment	Process Evaluation of Sempra's Residential Programs	9	\$675,000	IOU	2010-2012	\$0
Res	ARP	Program Delivery and Implementation Assessment	ARP Early Feedback Evaluation, Process Evaluation and Market Assessment	10	\$600,000	IOU	2010-2012	\$0
Res	BCE, HEER	Program Delivery and Implementation Assessment	Comprehensive Process Evaluation and Market Assessment of BCE and HEER Program	11	\$750,000	IOU	2009 and 2010-201	\$150,000
Res	HEES+	Program Delivery and Implementation Assessment	HEES and Related Programs Process Evaluation	12	\$400,000	IOU	2009 and 2010-201	\$44,000
Res	MFEER, CMHP	Program Delivery and Implementation Assessment	Process Evaluation of MFEER and CMHP Programs	13	\$300,000	IOU	2010-2012	\$0
Res	Whole House	Program Delivery and Implementation Assessment	Whole House Process Evaluation and Market Assessment	14	\$500,000	IOU	2010-2012	\$0
Res	MIDI	Program Delivery and Implementation Assessment	Moderate Income Direct Install (MIDI) Program Process Evaluation	15	\$200,000	IOU	2010-2012	\$0
Res	NC	Program Delivery and Implementation Assessment	Residential New Construction Process Evaluation and Market Characterization	16	\$350,000	IOU	2010-2012	\$0
Nonres	All	Program Delivery and Implementation Assessment	Overarching Process Evaluation of All Nonresidential Programs	17	\$1,500,000	ED	2010-2012	\$0
Nonres	All	Program Delivery and Implementation Assessment	Process Evaluation of Sempra's Nonresidential Programs	18	\$1,200,000	IOU	2010-2012	\$0
Nonres	All	Program Delivery and Implementation Assessment	Process Evaluation of Nonresidential Retrofit Programs	19	\$1,750,000	IOU	2010-2012	\$0
Nonres	EBCx	Program Delivery and Implementation Assessment	Energy Savings Calculation Tools Development for Existing Building Commissioning (EBCx) Program	20	\$0	IOU	2009	\$112,000
Nonres	NC	Program Delivery and Implementation Assessment	Nonresidential New Construction Process Evaluation and Market Characterization	21	\$350,000	IOU	2010-2012	\$0
CC	Lighting	Program Delivery and Implementation Assessment	Lighting Programs Process Evaluation and Market Characterization	22	\$1,500,000	TBD	2010-2012	\$0
CC	HVAC	Program Delivery and Implementation Assessment	HVAC Programs Process Evaluation and Market Characterization	23	\$900,000	TBD	2009 and 2010-201	\$155,000
CC	LGP	Program Delivery and Implementation Assessment	Local Government Partnerships Program Process Evaluations	24	\$300,000	ED	2010-2012	\$0
CC	ME&O	Program Delivery and Implementation Assessment	ME&O Program Process Evaluation	25	\$400,000	IOU	2009 and 2010-201	\$104,000
CC	WET	Program Delivery and Implementation Assessment	WET and Related Educational Program Process Evaluations	26	\$500,000	IOU	2010-2012	\$0
CC	ETP	Program Delivery and Implementation Assessment	ETP Process Evaluation and Market Assessment	27	\$900,000	ED	2010-2012	\$0
CC	IDSMS	Program Delivery and Implementation Assessment	"Omnibus" IDSMS Program Process Evaluation	28	\$250,000	ED	2010-2012	\$0
CC	C&S	Program Delivery and Implementation Assessment	C&S Market Assessment and Process Evaluation	29	\$500,000	TBD	2009 and 2010-201	\$17,200
CC	All	Program Delivery and Implementation Assessment	Early EM&V Research for All Programs	30	\$500,000	IOU	2010-2012	\$0
CC	ZNE	Program Delivery and Implementation Assessment	ZNE Market and Process Assessment	31	\$1,400,000	IOU	2010-2012	\$0
Res	OPOWER	Program Delivery and Implementation Assessment	Evaluation of PG&E's OPOWER Pilot Program	32	\$350,000	IOU	2010-2012	\$0
CC	All	Program Delivery and Implementation Assessment	SCE's Enhanced Inspection Study	33	\$479,000	IOU	2010-2012	\$0
CC	All	Program Delivery and Implementation Assessment	SCE's Catalina Island Program Improvement Assessment	34	\$0	IOU	2009	\$25,000
Nonres	All	Program Delivery and Implementation Assessment	ACEEE "Big Savers" Best Practices Study	35	\$40,000	IOU	2010-2012	\$0
CC	All	Program Delivery and Implementation Assessment	Overarching Best Practices Assessment	36	\$500,000	ED	2010-2012	\$0
CC	All	Program Delivery and Implementation Assessment	Adoption Effectiveness Assessment	37	\$250,000	ED	2010-2012	\$0
CC	All	Program Delivery and Implementation Assessment	Overarching Study on Integration Effectiveness	38	\$250,000	ED	2010-2012	\$0

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CC	All	Program and Measure Costs	Measure Cost Study	39	\$2,000,000	ED	2010-2012	\$0
CC	All	Program and Measure Costs	Measure Cost Study Data Collection Support	40	\$500,000	ED	2010-2012	\$0
CC	All	Portfolio Strategy and Management Assessment	Portfolio Strategy and Management Assessment	41	\$3,000,000	ED	2010-2012	\$0
CC	All	Portfolio Impacts	Portfolio Impacts	42	\$2,000,000	ED	2010-2012	\$0
CC	All	Portfolio Impacts	Market Effects and Transformation Research	43	\$2,500,000	TBD	2010-2012	\$0
CC	All	Portfolio Costs	Portfolio and Program Financial Audit & Analysis	44	\$3,000,000	ED	2010-2012	\$0
CC	All	Energy Consumption, Saturation, and Market Share	Macro Consumption White Papers	45	\$150,000	ED	2010-2012	\$0
CC	All	Energy Consumption, Saturation, and Market Share	Macro Consumption Pilot Studies	46	\$500,000	ED	2010-2012	\$0
Res	All	Energy Consumption, Saturation, and Market Share	Residential On-Site/Metering Survey	47	\$2,000,000	ED	2010-2012	\$0
Res	All	Energy Consumption, Saturation, and Market Share	Residential Appliance Saturation Survey (RASS)	48	\$200,000	ED	2010-2012	\$0
Nonres	All	Energy Consumption, Saturation, and Market Share	Industrial Customer Surveys	49	\$450,000	ED	2010-2012	\$0
Nonres	All	Energy Consumption, Saturation, and Market Share	Industrial End Use Saturation Study (IEUS, pre 2010-2012)	50	\$0	ED	Pre 2010-2012	\$2,000,000
Nonres	All	Energy Consumption, Saturation, and Market Share	Commercial Saturation Survey	51	\$5,000,000	ED	2010-2012	\$0
Res	All	Energy Consumption, Saturation, and Market Share	Residential Market Share Tracking	52	\$750,000	ED	2010-2013	\$0
Nonres	All	Energy Consumption, Saturation, and Market Share	Commercial Market Share Tracking	53	\$1,000,000	ED	2010-2014	\$0
Nonres	All	Energy Consumption, Saturation, and Market Share	Industrial and Agricultural Market Share Tracking	54	\$500,000	ED	2010-2012	\$0
Res	All	Market Structure & Decision-making	Overarching Residential Sector Market Assessment	55	\$300,000	ED	2010-2012	\$0
Nonres	All	Market Structure & Decision-making	Overarching Nonresidential Sector Market Assessment	56	\$300,000	ED	2010-2012	\$0
Nonres	All	Market Structure & Decision-making	Industrial Sector Market Characterization Study	57	\$225,000	IOU	2010-2012	\$0
Nonres	All	Market Structure & Decision-making	Agricultural Sector Market Characterization and Potential Study	58	\$0	IOU	2009	\$400,000
CC	All	Market Structure & Decision-making	Building/Facility Renovation/Remodel Rates Study	59	\$300,000	IOU	2010-2012	\$0
Res	All	Market Structure & Decision-making	Consumer Preference Research to Support Lighting Programs	60	\$0	IOU	12 (program \$\$, no	\$150,000
CC	All	Market Structure & Decision-making	Measurement and Reporting on AKA-B Metrics	61	\$250,000	ED	2010-2012	\$0
Res	All	Market Structure & Decision-making	CEE Energy Star Awareness Survey	62	\$0	IOU	2009	\$30,000

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CC	All	Manage EM&V	Manage EM&V (Special Studies, Evaluation Guidelines)	63	\$1,000,000	ED	2010-2012	\$0
CC	All	Manage EM&V	EM&V Best Practices Study	64	\$200,000	ED	2010-2012	\$0
CC	All	Manage EM&V	Evaluation Methods and Procedures Assessment	65	\$200,000	ED	2010-2012	\$0
CC	All	Ex Ante Development and Approval	Database for Energy Efficiency Resources (DEER)	66	\$4,000,000	ED	2010-2012	\$0
CC	All	Ex Ante Development and Approval	Support Ex Ante Development, Review, & Approval (includes non-DEER)	67	\$2,000,000	ED	2010-2012	\$0
CC	All	ED Reporting	ED Reporting	68	\$2,000,000	ED	2010-2012	\$0
CC	All	ED Reporting	Savings Decay and Cumulative Goals Analysis	69	\$100,000	ED	2010-2012	\$0
CC	All	ED Reporting	Energy Efficiency Load Forecasting Integration	70	\$250,000	ED	2010-2012	\$0
CC	All	ED Reporting	Update and Refine Cost-Effectiveness Tools	71	\$500,000	ED	2010-2012	\$0
CC	All	Develop Goals and PPMs	EE Goals Integration Study	72	\$500,000	ED	2010-2012	\$0
CC	ZNE	Develop Goals and PPMs	Zero Net Energy Potential, Costs, and Goals Sub-Study	73	\$250,000	ED	2010-2012	\$0
CC	C&S	Develop Goals and PPMs	T24/T20 and "Reach Codes" Compliance Study	74	\$250,000	ED	2010-2012	\$0
CC	All	Develop Goals and PPMs	Strategic Plan Feasibility and Cost-Effectiveness Study	75	\$250,000	ED	2010-2012	\$0
CC	All	Develop Potential and Future Cycle Ex Ante	Plug Loads Potential Study	76	\$350,000	ED	2010-2012	\$0
CC	NC	Develop Potential and Future Cycle Ex Ante	New Construction Energy Efficiency Potential	77	\$250,000	ED	2010-2012	\$0
CC	All	Develop Potential and Future Cycle Ex Ante	Integrated Energy Efficiency Potential Study	78	\$1,500,000	ED	2010-2012	\$0
CC	All	Develop Potential and Future Cycle Ex Ante	Customer Adoption Behavior Study	79	\$500,000	ED	2010-2012	\$0
CC	All	Support Strategic Planning and Policy	Information and Services to Support Update to CPUC EE Strategic Plan	80	\$2,000,000	ED	2010-2012	\$0
CC	All	Support Strategic Planning and Policy	Review and Refine Cost-Effectiveness Methods and Inputs	81	\$500,000	ED	2010-2012	\$0
CC	All	Support Strategic Planning and Policy	Other Strategic Plan Support	82	\$2,100,000	ED	2010-2012	\$0