

**ATTACHMENT 1**  
**2004-2005 PGC-FUNDED PROGRAM BUDGETS**  
**AND ENERGY SAVINGS TARGETS**

**Table 1. Authorized Program Budgets (Utility and Statewide Marketing and Outreach Programs)**

	SDG&E	SoCalGas	SCE	PG&E	Total
<b>Statewide Programs</b>					
Appliance Recycling	\$2,700,000		\$12,000,000	\$3,728,782	\$18,428,782
Single-Family Energy Efficiency Rebates	\$5,800,000	\$6,482,000	\$10,000,000	\$38,257,722	\$60,539,722
Multi-Family Energy Efficiency Rebates	\$4,000,000	\$2,798,000	\$4,000,000	\$7,709,156	\$18,507,156
CA Energy Star New Homes Program	\$5,200,000	\$3,360,000	\$9,000,000	\$11,219,913	\$28,779,913
Standard Performance Contract	\$7,520,000		\$18,000,000	\$28,471,354	\$53,991,354
Express Efficiency	\$6,687,911	\$6,977,858	\$12,000,000	\$9,998,131	\$35,663,900
Building Operator Certification and Training	\$300,000	\$331,050	\$1,000,000	\$510,714	\$2,141,764
Upstream HVAC and Motors				\$2,692,581	\$2,692,581
Savings by Design	\$4,824,000	\$4,468,000	\$17,800,000	\$20,022,306	\$47,114,306
Codes & Standards Advocacy	\$200,000	\$300,000	\$2,400,000	\$2,950,657	\$5,850,657
Emerging Technologies	\$410,000	\$1,506,000	\$3,600,000	\$2,382,013	\$7,898,013
<b>IOU Statewide Programs Subtotal</b>	<b>\$37,641,911</b>	<b>\$26,222,908</b>	<b>\$89,800,000</b>	<b>\$127,943,329</b>	<b>\$281,608,148</b>
<b>Statewide Marketing and Outreach</b>					
Efficiency Partnership/IOUs	\$4,089,070	\$2,946,066	\$9,819,151	\$13,145,713	\$30,000,000
Runyon Saltzman & Einhorn	\$681,500	\$491,000	\$1,636,525	\$2,190,975	\$5,000,000
Univision Television Group	\$818,250	\$589,020	\$1,963,830	\$2,628,900	\$6,000,000
<b>Statewide Marketing Campaigns Subtotal</b>	<b>\$5,588,820</b>	<b>\$4,026,086</b>	<b>\$13,419,506</b>	<b>\$17,965,588</b>	<b>\$41,000,000</b>
<b>STATEWIDE PROGRAMS TOTAL</b>	<b>\$43,230,731</b>	<b>\$30,248,994</b>	<b>\$103,219,506</b>	<b>\$145,908,917</b>	<b>\$322,608,148</b>
<b>Local IOU Programs</b>					
Local Residential Lighting Turn In	\$1,000,000				\$1,000,000
Small Business Energy Efficiency	\$3,278,000				\$3,278,000
Nonresidential Financial Incentives		\$4,755,206			\$4,755,206
Small Nonresidential Hard to Reach			\$6,801,439		\$6,801,439
Pump Test And Hydraulic Services			\$3,200,000		\$3,200,000
Energenius				\$1,093,488	\$1,093,488
Schools Resource Program				\$2,152,168	\$2,152,168
<b>LOCAL IOU PROGRAMS TOTAL</b>	<b>\$4,278,000</b>	<b>\$4,755,206</b>	<b>\$10,001,439</b>	<b>\$3,245,656</b>	<b>\$22,280,301</b>
<b>IOU Partnership Programs</b>					
San Diego City Schools Retrofit Program	\$3,000,000				\$3,000,000
IOU/UC/CSU Partnership		\$2,039,405	\$4,500,000	\$5,492,072	\$12,031,477
South Bay Cities Energy Efficiency Center		\$182,503	\$610,987		\$793,490
Bakersfield/Kern Energy Watch		\$500,000	\$1,000,000	\$3,996,711	\$5,496,711
LA County/SCE/SCG Partnership		\$650,000	\$3,000,000		\$3,650,000
The Energy Coalition			\$4,000,000		\$4,000,000
Ventura REA		\$380,294	\$1,273,152		\$1,653,446

West Sacramento Partnership				\$327,957	\$327,957
City of Fresno Partnership				\$3,000,000	\$3,000,000
Silicon Valley Partnership				\$1,925,859	\$1,925,859
El Dorado County Partnership				\$1,186,978	\$1,186,978
City of Stockton partnership				\$2,198,572	\$2,198,572
East Bay Energy Partnership				\$5,349,873	\$5,349,873
<b><i>IOU PARTNERSHIP PROGRAMS TOTAL</i></b>	<b>\$3,000,000</b>	<b>\$3,752,202</b>	<b>\$14,384,139</b>	<b>\$23,478,022</b>	<b>\$44,614,363</b>
<b><i>TOTAL</i></b>	<b>\$50,508,731</b>	<b>\$38,756,402</b>	<b>\$127,605,084</b>	<b>\$172,632,595</b>	<b>\$389,502,812</b>

**Table 2. Authorized Program Budgets (Non-Utility Programs)**

Proposal Sponsor	Program Title	Program Number	Service Area	Approved Budget	Contract IOU
ADM Associates, Inc. (ADM)	Mobile Energy Clinic			<b>\$1,753,195</b>	SCE
		1106-04	SCE	\$725,460	
		1487-04	SCG	\$725,460	
		1105-04	SDGE	\$302,275	
Alliance to Save Energy (ASE)	Green Campus Pilot Program			<b>\$1,869,921</b>	SCE
		1427-04	PGE	\$778,724	
		1426-04	SCE	\$590,081	
		1425-04	SDGE	\$501,116	
Alliance to Save Energy (ASE)	Green Schools Program			<b>\$2,615,176</b>	SCE
		1435-04	PGE	\$1,101,181	
		1430-04	SCE	\$1,513,995	
American Synergy Corporation (ASC)	Comprehensive Hard-to-Reach Mobile Home Program			<b>\$3,500,000</b>	SCE
		1275-04	SCE	\$2,500,000	
		1276-04	SCG	\$1,000,000	
Association of Bay Area Governments (ABAG)	Northern California Local Government Energy Partnership	1112-04	PGE	<b>\$2,500,000</b>	PG&E
ASW Engineering (ASW)	Energy Savers Program	1086-04	SCE	<b>\$3,023,810</b>	SCE
Bo Enterprises (Bo)	Moderate Income Comprehensive Attic Program (MICAP)	1082-04	PGE	<b>\$4,186,783</b>	PG&E

<b>Proposal Sponsor</b>	<b>Program Title</b>	<b>Program Number</b>	<b>Service Area</b>	<b>Approved Budget</b>	<b>Contract IOU</b>
Building Industry Institute (BII)	Building Energy Code Training	1101-04	PGE	\$1,000,000	PG&E
		1100-04	SCE	\$724,842	
		1102-04	SDGE	\$181,210	
Building Industry Institute (BII)	Community Energy Efficiency Program	1099-04	PGE	<b>\$906,052</b>	PG&E
California Building Performance Contractors Association (CBPCA)	California Retrofit Home Performance Program	1398-04	PGE	<b>\$1,983,761</b>	PG&E
California State University, Chico Research Foundation (CSU Chico)	Nonresidential Fenestration Certification Initiative (NFCI)	1227-04	PGE	\$413,013	PG&E
		1496-04	SCE	\$308,859	
		1497-04	SCG	\$92,486	
		1498-04	SDGE	\$130,064	
California Urban Water Conservation Council (CUWCC)	Pre-rinse Spray Head Installation Program	1200-04	SCG	<b>\$2,254,162</b>	SCG
City of Berkeley	California Youth Energy Services (CYES)	1462-04	PGE	<b>\$376,022</b>	PG&E

<b>Proposal Sponsor</b>	<b>Program Title</b>	<b>Program Number</b>	<b>Service Area</b>	<b>Approved Budget</b>	<b>Contract IOU</b>
City of Davis	Yolo Energy Efficiency Project (YEPP)	1079-04	PGE	\$1,966,647	PG&E
		1224-04	PGE	\$1,213,548	
County of Marin, Community Development Agency (Marin CDA)	Marin Public Facilities Energy Management Team	1433-04	PGE	<b>\$742,319</b>	PG&E
Ecology Action	RightLights Turnkey Commercial Lighting Retrofits	1445-04	PGE	<b>\$5,000,000</b>	PG&E
Energy Design Tools Group, UCLA, Department of Architecture (UCLA)	HEED, Home Energy Efficient Design	1068-04	PGE	\$318,711	SDG&E
		1067-04	SDGE	\$100,668	
Energy Solutions	LightWash	1225-04	PGE	<b>\$1,448,287</b>	PG&E
EnSave Energy Performance, Inc. (EnSave)	California Multi Measure Farm Program	1354-04	PGE	\$578,928	PG&E
		1360-04	SCE	\$145,053	
FCI Management Consultants (FCI)	Emerging Communities Energy Efficiency Program	1396-04	SCE	<b>\$2,000,000</b>	SCE
Frontier Associates (Frontier)	Green Building Technical Support Services program	1414-04	PGE	<b>\$1,131,931</b>	PG&E
Global Energy Partners and CCOF (GEP)	Certified Organic Farmers Energy Efficiency (COFEE) Program	1473-04	PGE	<b>\$1,500,542</b>	PG&E

Proposal Sponsor	Program Title	Program Number	Service Area	Approved Budget	Contract IOU
Global Energy Services, Inc. (GES)	Chinese Language Efficiency Outreach-Statewide (CLEOS)			<b>\$1,157,619</b>	SCE
		1494-04	PGE	\$507,889	
		1366-04	SCE	\$507,889	
		1366-05	SCG	\$141,841	
H&L Energy Savers (H&L)	Performance 4	1066-04	SCE	<b>\$2,182,945</b>	SCE
Heschong Mahone Group, Inc. (HMG)	Designed for Comfort, Efficient Affordable Housing			<b>\$2,565,562</b>	SCG
		1146-04	PGE	\$1,104,128	
		1147-04	SCE	\$846,234	
		1148-04	SCG	\$257,894	
		1149-04	SDGE	\$357,306	
ICF Consulting (ICF)	Partnership for Energy Affordability in Multi-family Housing	1211-04	PGE	<b>\$3,010,017</b>	PG&E
Insync/San Joaquin/ADM (InSync)	San Joaquin County Comprehensive Energy Efficiency Program	1423-04	PGE	<b>\$673,246</b>	PG&E
KEMA-XENERGY (Xenergy)	EEGOV - B.E.S.T.			<b>\$4,394,759</b>	PG&E
		1281-04	PGE	\$2,197,377	
		1333-04	SCE	\$2,197,377	
KEMA-XENERGY (Xenergy)	Enhanced Automation Initiative			<b>\$1,476,028</b>	SCE
		1287-04	PGE	\$726,621	
		1289-04	SCE	\$749,407	
KEMA-XENERGY (Xenergy)	Long Beach B.E.S.T. Program	1310-04	SCE	<b>\$1,649,497</b>	SCE

<b>Proposal Sponsor</b>	<b>Program Title</b>	<b>Program Number</b>	<b>Service Area</b>	<b>Approved Budget</b>	<b>Contract IOU</b>
Navigant Consulting, Inc. (Navigant)	Prototype Community Energy Efficiency Programs			<b>\$2,947,336</b>	SCE
		1241-04	PGE	\$1,473,668	
		1242-04	SCE	\$1,473,668	
Portland Energy Conservation Inc. (PECI)	EnergySmart Grocer			<b>\$7,476,534</b>	SDG&E
		1314-04	PGE	\$3,566,307	
		1290-04	SCE	\$2,743,888	
		1291-04	SDGE	\$1,166,339	
Quantum Consulting (Quantum)	Building Tune-Up Program			<b>\$7,283,052</b>	PG&E
		1119-04	PGE	\$3,641,526	
		1117-04	SCE	\$3,641,526	
Quantum Consulting (Quantum)	California Wastewater Process Optimization Program	1159-04	PGE	<b>\$1,034,290</b>	PG&E
Redwood Coast Regional Energy Authority (RCEA)	Redwood Coast Regional Comprehensive Information and Education Program	1416-04	PGE	<b>\$953,746</b>	PG&E
Richard Heath & Associates, Inc. (RHA)	Small Nonresidential Energy Fitness Program	1409-04	PGE	<b>\$2,000,000</b>	PG&E
RLW Analytics (RLW)	Energy Savers Program	1085-04	PGE	<b>\$2,549,436</b>	PG&E

<b>Proposal Sponsor</b>	<b>Program Title</b>	<b>Program Number</b>	<b>Service Area</b>	<b>Approved Budget</b>	<b>Contract IOU</b>
Robert Mowris & Associates (RMA)	RCA Verification Program for New Air Conditioners			<b>\$1,667,800</b>	SCE
		1395-04	PGE	\$808,539	
		1385-04	SCE	\$604,640	
		1437-04	SDGE	\$254,621	
San Diego Regional Energy Partnership (SDREP)	San Diego Energy Resource Center	1303-04	SDGE	<b>\$2,403,560</b>	SDG&E
San Diego Regional Energy Partnership (SDREP)	San Diego Local Government Energy Efficiency Program	1300-04	SDGE	<b>\$352,701</b>	SDG&E
San Diego Regional Energy Partnership (SDREP)	San Diego Region B.E.S.T.	1285-04	SDGE	<b>\$2,500,000</b>	SDG&E
San Diego Regional Energy Partnership (SDREP)	San Diego Regional Cool Communities Shade Tree Program	1306-04	SDGE	<b>\$1,894,924</b>	SDG&E
San Diego Regional Energy Partnership (SDREP)	San Diego Regional Green Building Education and Technical Assistance (GBETA)	1299-04	SDGE	<b>\$423,966</b>	SDG&E
San Diego Regional Energy Partnership (SDREP)	Technical Assistance Program	1304-04	SDGE	<b>\$1,500,000</b>	SDG&E
San Francisco Community Power Cooperative (SFCPC)	Efficiency on Wheels	1083-04	PGE	<b>\$853,753</b>	PG&E
SBW Consulting, Inc. (SBW)	Compressed Air Management Program (CAMP)	1229-04	PGE	<b>\$1,500,000</b>	PG&E
SDREO	San Diego Local Government Energy Efficiency Program	1301-04	SDGE	<b>\$2,500,000</b>	SDG&E
SESCO, Inc. (SESCO)	Gas Only Multi-Family Program - South	1338-04	SCG	<b>\$2,472,643</b>	SCG

**Table 3a. Energy Savings Targets and Budgets for  
PG&E Service Territory Programs**

Program (PGC Funded)	Confirmation Number	2004-2005 Authorized Program Budget	2004-2005 Program Targets		
			KW	Annual kWh	Annual Th
<b>PG&amp;E Statewide Programs</b>					
<b>Residential Retrofit Programs</b>					
Residential Appliance Recycling	1114-04	\$3,728,782	4,549	25,415,965	
Single Family Energy Efficiency Rebates	1115-04	\$38,257,722	69,952	393,419,112	4,405,591
Multi Family Energy Efficiency Rebates	1118-04	\$7,709,156	3,499	11,954,521	1,044,014
<b>Residential New Construction Programs</b>					
CA Energy Star New Homes Program	1128-04	\$11,219,913	2,064	1,936,897	871,398
<b>Nonresidential Retrofit Programs</b>					
Standard Performance Contract	1121-04	\$28,471,354	17,602	148,830,252	4,812,036
Express Efficiency	1133-04	\$9,998,131	28,997	166,745,902	1,857,563
Building Operator Certification and Training	1125-04	\$510,714			
Upstream HVAC and Motors	1120-04	\$2,692,581	2,791	5,503,315	
<b>Nonresidential New Construction Programs</b>					
Savings by Design	1127-04	\$20,022,306	18,017	74,633,588	551,742
<b>Statewide Crosscutting Programs</b>					
Codes & Standards Advocacy	1134-04	\$2,950,657			
Emerging Technologies	1126-04	\$2,382,013			
<b>PG&amp;E Statewide Programs Total</b>		<b>\$127,943,329</b>	<b>147,472</b>	<b>828,439,552</b>	<b>13,542,344</b>
<b>PG&amp;E Local Programs</b>					
Energenius	1132-04	\$1,093,488			
Schools Resource Program	1129-04	\$2,152,168			
<b>PG&amp;E Local Programs Total</b>		<b>\$3,245,656</b>			
<b>PG&amp;E Partnership Programs</b>					
IOU/UC/CSU Partnership	1461-04	\$5,492,072	1,107	7,499,828	283,233
Bakersfield/Kern Energy Watch	1350-04	\$3,996,711	1,594	7,359,595	168,732
West Sacramento Partnership	1199-04	\$327,957	25	309,438	
City of Fresno Partnership	1205-04	\$3,000,000	1,567	7,949,427	84,405

Silicon Valley Partnership	1207-04	\$1,925,859	903	3,624,841	
El Dorado County Partnership	1214-04	\$1,186,978	611	3,417,778	43,330
City of Stockton partnership	1215-04	\$2,198,572	1,141	5,355,967	193,480
East Bay Energy Partnership	1226-04	\$5,349,873	5,218	15,616,287	296,729
<b>PG&amp;E Partnership Programs Total</b>		<b>\$23,478,022</b>	<b>12,165</b>	<b>51,133,161</b>	<b>1,069,909</b>
<b>PG&amp;E Area Non-Utility Programs</b>					
ASE - Green Campus Pilot Program	1427-04	\$778,724			
ASE - Green Schools Program	1435-04	\$1,101,181			
ABAG - Northern California Local Government Energy Partnership	1112-04	\$2,500,000			
Bo - Moderate Income Comprehensive Attic Program (MICAP)	1082-04	\$4,186,783	2,729	5,300,058	631,456
BII - Community Energy Efficiency Program	1099-04	\$1,000,000	579	908,837	90,861
BII - Building Energy Code Training	1101-04	\$906,052	1,790	2,806,963	280,627
CBPCA - California Retrofit Home Performance Program	1398-04	\$1,983,761			
CSU Chico - Nonresidential Fenestration Certification Initiative (NFCI)	1227-04	\$413,013			
CUWCC - Pre-rinse Spray Head Installation Program	1198-04	\$976,123			1,700,460
Davis - Yolo Energy Efficiency Project-1 (YEPP-1)	1079-04	\$1,966,647	1,550	6,523,513	
Davis - Yolo Energy Efficiency Project-2 (YEPP-2)	1224-04	\$1,213,548			
Marin CDA - Marin Public Facilities Energy Management Team	1433-04	\$742,319			
Ecology Action - RightLights Turnkey Commercial Lighting Retrofits	1445-04	\$5,000,000	4,421	18,954,310	141,246
UCLA - Home Energy Efficient Design (HEED)	1068-04	\$318,711			
Energy Solutions - LightWash	1225-04	\$1,448,287	284	1,980,288	314,773
EnSave - California Multi Measure Farm Program	1354-04	\$578,928	693	3,197,250	
Frontier - Green Building Technical Support Services program	1414-04	\$1,131,931			
GEP - Certified Organic Farmers Energy Efficiency (COFEE)	1473-04	\$1,500,542	1,017	3,735,662	258,960
GES - Chinese Language Efficiency Outreach-Statewide (CLEOS)	1494-04	\$507,889			
HMG - Designed for Comfort, Efficient Affordable Housing	1146-04	\$1,104,128	477	407,232	33,899
ICF - Partnership for Energy Affordability in Multi-family Housing	1211-04	\$3,010,017	1,070	1,578,277	200,902
InSync - San Joaquin County Comprehensive Energy Efficiency Program	1423-04	\$673,246			
Xenergy - EEGOV - B.E.S.T.	1281-04	\$2,197,377	4,563	8,711,058	26,703
Xenergy - Enhanced Automation Initiative	1287-04	\$726,621	1,220	3,600,000	88,000
Navigant - Prototype Community Energy Efficiency Programs	1241-04	\$1,473,668			

PECI - EnergySmart Grocer	1314-04	\$3,566,307	3,916	28,221,676	
Quantum - Building Tune-Up Program	1119-04	\$3,641,526	5,034	18,356,872	664,359
Quantum - California Wastewater Process Optimization Program	1159-04	\$1,034,290	293	2,866,400	
RCEA - Redwood Coast Regional Comprehensive Information and Education Program	1416-04	\$1,170,316	258	1,416,239	6,570
RHA - Small Nonresidential Energy Fitness Program	1409-04	\$2,000,000	1,541	7,341,002	
RLW - Energy Savers Program	1085-04	\$2,549,436	1,989	6,679,947	
RMA - RCA Verification Program for New Air Conditioners	1395-04	\$808,539	4,009	4,510,520	
SFCPC - Efficiency on Wheels	1083-04	\$853,753	901	3,904,800	91,200
SBW - Compressed Air Management Program (CAMP)	1229-04	\$1,500,000	672	7,628,700	
<b>PG&amp;E Area Non-Utility Programs Total</b>		<b>\$53,746,992</b>	<b>39,117</b>	<b>138,838,959</b>	<b>2,852,459</b>
<b>PG&amp;E Area Programs Total</b>		<b>\$208,413,999</b>	<b>198,755</b>	<b>1,018,411,672</b>	<b>17,464,712</b>

**Table 3b. Energy Savings Targets and Budgets for  
SCE Service Territory Programs**

Program (PGC Funded)	Program Number	2004-2005 Authorized Program Budget	2004-2005 Program Targets		
			KW	Annual kWh	Annual Th
<b>SCE Statewide Programs</b>					
<b>Residential Retrofit Programs</b>					
Residential Appliance Recycling	1232-04	\$12,000,000	14,043	91,589,648	
Single Family Energy Efficiency Rebates	1234-04	\$10,000,000	21,993	71,885,715	
Multi Family Energy Efficiency Rebates	1236-04	\$4,000,000	1,981	11,102,737	
<b>Residential New Construction Programs</b>					
CA Energy Star New Homes Program	1239-04	\$9,000,000	10,353	7,840,629	
<b>Nonresidential Retrofit Programs</b>					
Standard Performance Contract	1240-04	\$18,000,000	16,477	109,264,648	
Express Efficiency	1243-04	\$12,000,000	45,100	205,196,016	
Building Operator Certification and Training	1252-04	\$1,000,000			
<b>Nonresidential New Construction Programs</b>					
Savings by Design	1261-04	\$17,800,000	17,557	88,042,704	
<b>Statewide Crosscutting Programs</b>					
Codes & Standards Advocacy	1266-04	\$2,400,000			
Emerging Technologies	1255-04	\$3,600,000			
<b>SCE Statewide Programs Total</b>		<b>\$89,800,000</b>	<b>127,503</b>	<b>584,922,097</b>	
<b>SCE Local Programs</b>					
Small Nonresidential Hard to Reach	1313-04	\$6,801,439	3,871	19,944,954	
Pump Test And Hydraulic Services	1317-04	\$3,200,000			
<b>SCE Local Programs Total</b>		<b>\$10,001,439</b>	<b>3,871</b>	<b>19,944,954</b>	
<b>SCE Partnership Programs</b>					
IOU/UC/CSU Partnership	1321-04	\$4,500,000	1,819	4,582,134	
South Bay Cities Energy Efficiency Center	1385-04	\$610,987			
Bakersfield/Kern Energy Watch	1324-04	\$1,000,000	1,004	6,800,013	

LA County/SCE/SCG Partnership	1405-04	\$3,000,000			
The Energy Coalition	1326-04	\$4,000,000	38	536,694	
Ventura REA	1196-04	\$1,273,152	3,995	11,766,757	
<b>SCE Partnership Programs Total</b>		<b>\$14,384,139</b>	<b>6,856</b>	<b>23,685,598</b>	
<b>SCE Area Non-Utility Programs</b>					
ADM - Mobile Energy Clinic	1106-04	\$725,460	406	2,113,920	26,976
ASE - Green Campus Pilot Program	1426-04	\$590,081			
ASE - Green Schools Program	1430-04	\$1,513,995			
ASC - Comprehensive Hard-to-Reach Mobile Home Program	1275-04	\$2,500,000	2,906	7,036,373	
ASW - Energy Savers Program	1086-04	\$3,023,810	2,109	9,681,383	
BII - Building Energy Code Training	1100-04	\$724,842	1,432	2,245,571	224,502
CSU, Chico - Nonresidential Fenestration Certification Initiative (NFCI)	1496-04	\$308,859			
EnSave - California Multi Measure Farm Program	1360-04	\$145,053	175	807,750	
FCI - Emerging Communities Energy Efficiency Program	1396-04	\$2,000,000	1,430	6,041,261	
GES - Chinese Language Efficiency Outreach-Statewide (CLEOS)	1366-04	\$507,889			
H&L - Performance 4	1066-04	\$2,182,945	2,112	4,556,975	646,853
HMG - Designed for Comfort, Efficient Affordable Housing	1147-04	\$846,234	366	312,282	25,998
Xenergy - EEGOV - B.E.S.T.	1289-04	\$749,407	1,220	3,600,000	88,000
Xenergy - Enhanced Automation Initiative	1310-04	\$1,649,497	3,429	6,545,232	20,064
Xenergy - Long Beach B.E.S.T. Program	1333-04	\$2,197,377	4,563	8,711,058	26,703
Navigant - Prototype Community Energy Efficiency Programs	1242-04	\$1,473,668			
PECI - EnergySmart Grocer	1290-04	\$2,743,888	3,013	21,713,534	
Quantum - Building Tune-Up Program	1117-04	\$3,641,526	5,114	18,647,980	620,925
RMA - RCA Verification Program for New Air Conditioners	1385-04	\$604,640			
<b>SCE Area Non-Utility Programs Total</b>		<b>\$28,129,171</b>	<b>28,275</b>	<b>92,013,319</b>	<b>1,680,021</b>
<b>SCE Programs Total</b>		<b>\$142,314,749</b>	<b>166,505</b>	<b>720,565,969</b>	<b>1,680,021</b>

**Table 3c. Energy Savings Targets and Budgets for  
SDG&E Service Territory Programs**

Program (PGC Funded)	Program Number	2004-2005 Authorized Program Budget	2004-2005 Program Targets		
			KW	Annual kWh	Annual Th
<b>SDG&amp;E Statewide Programs</b>					
<b>Residential Retrofit Programs</b>					
Residential Appliance Recycling	1348-04	\$2,700,000	2,569	16,973,620	
Single Family Energy Efficiency Rebates	1349-04	\$5,800,000	10,256	61,015,352	396,642
Multi Family Energy Efficiency Rebates	1195-04	\$4,000,000	1,212	9,995,375	365,601
<b>Residential New Construction Programs</b>					
CA Energy Star New Homes Program	1330-04	\$5,200,000	6,423	4,666,191	235,918
<b>Nonresidential Retrofit Programs</b>					
Standard Performance Contract	1347-04	\$7,520,000	3,767	30,240,000	680,400
Express Efficiency	1344-04	\$6,687,911	15,213	95,091,152	71,615
Building Operator Certification and Training	1357-04	\$300,000			
<b>Nonresidential New Construction Programs</b>					
Savings by Design	1346-04	\$4,824,000	2,690	13,448,000	230,768
<b>Statewide Crosscutting Programs</b>					
Codes & Standards Advocacy	1343-04	\$200,000			
Emerging Technologies	1329-04	\$410,000			
<b>SDG&amp;E Statewide Programs Total</b>		<b>\$37,641,911</b>	<b>42,130</b>	<b>231,429,690</b>	<b>1,980,944</b>
<b>SDG&amp;E Local Programs</b>					
Local Residential Lighting Turn In	1356-04	\$1,000,000	816	5,191,458	
Small Business Energy Efficiency	1340-04	\$3,278,000	1,660	9,025,076	
<b>SDG&amp;E Local Programs Total</b>		<b>\$4,278,000</b>	<b>2,476</b>	<b>14,216,534</b>	
<b>SDG&amp;E Area Non-Utility Programs</b>					
ADM - Mobile Energy Clinic	1105-04	\$302,275	169	880,800	11,240
ASE - SDG&E Green Campus Pilot Program	1425-04	\$501,116			
BII - Building Energy Code Training	1102-04	\$181,210	358	561,393	56,125
CSU, Chico - Nonresidential Fenestration Certification Initiative (NFCI)	1498-04	\$130,064			

UCLA - HEED, Home Energy Efficient Design, SDG&E Portion	1067-04	\$100,668			
HMG - Designed for Comfort, Efficient Affordable Housing	1149-04	\$357,306	154	131,744	10,978
PECI - EnergySmart Grocer	1291-04	\$1,166,339	1,281	9,229,731	
RMA - RCA Verification Program for New Air Conditioners	1437-04	\$254,621			
SDREP - San Diego Energy Resource Center	1303-04	\$2,403,560			
SDREP - San Diego Local Government Energy Efficiency Program	1300-04	\$352,701	225	739,380	
SDREP - San Diego Regional Cool Communities Shade Tree Program	1306-04	\$367,641	2,429	2,104,752	
SDREP - San Diego Regional Green Building Education and Technical Assistance (GBETA)	1299-04	\$423,966			
SDREO - San Diego Local Government Energy Efficiency Program	1301-04	\$2,500,000	401	4,005,335	106,809
<b>SDG&amp;E Area Non-Utility Programs Total</b>		<b>\$10,568,750</b>	<b>5,017</b>	<b>17,653,135</b>	<b>185,152</b>
<b>SDG&amp;E Programs Total</b>		<b>\$52,488,661</b>	<b>49,623</b>	<b>263,299,359</b>	<b>2,166,096</b>

**Table 3d. Energy Savings Targets and Budgets for  
SoCalGas Service Territory Programs**

Program (PGC Funded)	Program Number	2004-2005 Authorized Program Budget	2004-2005 Program Targets		
			KW	Annual kWh	Annual Th
<b>SoCalGas Statewide Programs</b>					
<b>Residential Retrofit Programs</b>					
Single Family Energy Efficiency Rebates	1220-04	\$6,482,000	1,555	5,484,524	2,493,508
Multi Family Energy Efficiency Rebates	1246-04	\$2,798,000	693	9,657,958	1,255,166
<b>Residential New Construction Programs</b>					
CA Energy Star New Homes Program	1244-04	\$3,360,000	3,787	2,751,263	212,152
<b>Nonresidential Retrofit Programs</b>					
Express Efficiency	1251-04	\$6,977,858		432,221	4,604,671
Building Operator Certification and Training	1253-04	\$331,050			
<b>Nonresidential New Construction Programs</b>					
Savings by Design	1249-04	\$4,468,000	4,367	22,628,568	296,194
<b>Statewide Crosscutting Programs</b>					
Codes & Standards Advocacy	1259-04	\$300,000			
Emerging Technologies	1254-04	\$1,506,000			
<b>SoCalGas Statewide Programs Total</b>		<b>\$26,222,908</b>	<b>10,402</b>	<b>40,954,534</b>	<b>8,861,691</b>
<b>SoCalGas Local Programs</b>					
Nonresidential Financial Incentives	1260-04	\$4,755,206			2,907,277
<b>SoCalGas Local Programs Total</b>		<b>\$4,755,206</b>			<b>2,907,277</b>
<b>SoCalGas Partnership Programs</b>					
IOU/UC/CSU Partnership	1475-04	\$2,039,405			425,945
South Bay Cities Energy Efficiency Center	1404-04	\$182,503			
Bakersfield/Kern Energy Watch	1230-04	\$500,000			
LA County/SCE/SCG Partnership	1388-04	\$650,000			402,428
Ventura REA	1493-04	\$380,294	1,618	6,432,343	141,772
<b>SoCalGas Partnership Programs Total</b>		<b>\$3,752,202</b>	<b>1,618</b>	<b>6,432,343</b>	<b>970,145</b>

<b>SoCalGas Area Non-Utility Programs</b>					
ADM - Mobile Energy Clinic	1487-04	\$725,460	406	2,113,920	26,976
ASC - Comprehensive Hard-to-Reach Mobile Home Program	1276-04	\$1,000,000			468,157
CSU, Chico - Nonresidential Fenestration Certification Initiative (NFCI)	1497-04	\$92,486			
CUWCC - Pre-rinse Spray Head Installation Program	1200-04	\$2,254,162			3,926,870
GES - Chinese Language Efficiency Outreach-Statewide (CLEOS)	1495-04	\$141,841			
HMG - Designed for Comfort, Efficient Affordable Housing	1148-04	\$257,894	111	94,950	7,901
SESCO - Gas Only Multi-Family Program - South	1338-04	\$2,472,643			1,038,009
<b>SoCalGas Area Non-Utility Programs Total</b>		<b>\$6,944,486</b>	<b>517</b>	<b>2,208,870</b>	<b>5,467,914</b>
<b>SoCalGas Programs Total</b>					
		<b>\$41,674,802</b>	<b>12,537</b>	<b>49,595,747</b>	<b>18,207,027</b>

(END OF ATTACHMENT 1)

**ATTACHMENT 2****2004-2005 PROPOSED UTILITY PARTNERSHIP PROGRAMS\***

	<b>SDG&amp;E</b>	<b>SoCalGas</b>	<b>SCE</b>	<b>PG&amp;E</b>	
UC/CSU/IOU Energy Efficiency Partnership	\$11,762,867	\$7,809,770	\$3,807,796	\$2,039,405	\$25,419,838
Bakersfield/Kern Energy Watch Partnership	\$8,500,000	\$1,000,000		\$500,000	\$10,000,000
PG&E Local Government Partnership: Local Government Initiative	\$3,000,000				\$3,000,000
PG&E Local Government Partnership: City of Fresno	\$4,500,000				\$4,500,000
PG&E Local Government Partnership: City of Stockton	\$3,500,000				\$3,500,000
PG&E Local Government Partnership: City of West Sacramento	\$400,000				\$400,000
PG&E Local Government Partnership: East Bay Energy Partnership	\$8,840,545				\$8,840,545
PG&E Local Government Partnership: El Dorado County	\$1,900,000				\$1,900,000
PG&E Local Government Partnership: Silicon Valley Energy Partnership	\$3,988,484				\$3,988,484
PG&E Third Party Innovative Partnerships	\$2,000,000				\$2,000,000
Local Community Partnership - Ventura County		\$1,273,153		\$380,294	\$1,653,447
Local Community Partnership - South Bay Cities Council		\$610,986		\$182,503	\$793,489
Local Los Angeles County Program		\$5,845,726		\$650,000	\$6,495,726
Local City of Pomona Program		\$651,023			\$651,023
Energy Coalition--Community Partnership		\$7,340,000	\$1,492,650	\$1,223,000	\$10,055,650
San Diego City Schools			\$3,000,000		\$3,000,000
San Diego County Office of Education			\$813,923		\$813,923
	\$48,391,896	\$24,530,658	\$9,114,369	\$4,975,202	\$87,012,125

NOTE: This table shows partnership programs as proposed. Not all of these programs receive funding shown above by this decision.

(END OF ATTACHMENT 2)

## ATTACHMENT 3

## 2004-2005 UTILITY PROCUREMENT-FUNDED PROGRAMS

Confirm. Number	IOU/Program Name	Summary Budget	Program Targets		
			kWh	Peak kW	therms
	<b>SDG&amp;E</b>				
<u>1377-04</u>	Statewide Residential Single Family Home Energy Efficiency Rebate	\$11,490,000	97,892,883	16,396	641,626
<u>1323-04</u>	Statewide Nonresidential New Construction Savings By Design	\$6,596,000	20,172,000	4,034	346,152
<u>1334-04</u>	Statewide Nonresidential Upstream HVAC/Motors	\$2,807,882	5,495,807	3923	n/a
<u>1315-04</u>	Local Nonresidential Energy Saver	\$980,000	6,218,316	129	n/a
<u>1316-04</u>	Local Nonresidential Sustainable Communities	\$1,300,000	1,684,773	390	31,773
<u>1320-04</u>	Local Nonresidential Customer Energy Savings Bid	\$20,412,118	108,800,000	17,600	320,000
<u>1376-04</u>	Local Limited Income Refrigerator Replacement & Lighting Program	\$6,000,000	11,704,598	1471	n/a
	<b>Total SDG&amp;E</b>	<b>\$49,586,000</b>	<b>251,968,377</b>	<b>43,943</b>	<b>1,339,551</b>
	<b>SCE</b>				
<u>1157-04</u>	Statewide Appliance Recycling	\$10,206,909	79,764,166	12,230	n/a
<u>1160-04</u>	Statewide Single Family EE Rebates	\$24,507,379	438,107,955	76,743	n/a
<u>1176-04</u>	Statewide Multi-Family EE Rebates	\$8,191,126	24,293,138	3,371	n/a
<u>1169-04</u>	Statewide California Energy Star New Homes Program	\$6,139,345	7,538,720	9,235	n/a
<u>1177-04</u>	Statewide Standard Performance Contract	\$33,648,396	251,076,591	36,833	n/a
<u>1178-04</u>	Statewide Express Efficiency	\$3,635,562	54,072,941	5,794	n/a
<u>1179-04</u>	Statewide Prescriptive Upstream Motors and Air Conditioning Rebate Program	\$5,579,453	23,556,304	8,611	n/a
<u>1183-04</u>	Statewide Savings By Design	\$10,443,685	65,198,392	12,757	n/a
<u>1185-04</u>	Local Edison's IDEEA Program (Innovative Designs for Energy Efficiency Activities)	\$12,528,690	n/a	n/a	n/a
<u>1453-04</u>	Local Small Nonresidential Hard to Reach	\$5,119,455	13,386,197	2,632	n/a
	<b>Total SCE</b>	<b>\$120,000,000</b>	<b>956,994,404</b>	<b>168,206</b>	<b>n/a</b>
	<b>PG&amp;E</b>				
<u>1353-04</u>	Long-Term Procurement Plan: Energy Efficiency Component	\$75,000,000	466,883,057	124,400	250,893
	<b>Grand Total</b>	<b>\$244,586,000</b>	<b>1,675,845,838</b>	<b>336,549</b>	<b>1,590,444</b>

(END OF ATTACHMENT 3)

**ATTACHMENT 4**

**UTILITY STATEWIDE PROGRAM DESCRIPTIONS**

## 2004 2005 UTILITY STATEWIDE PROGRAMS

### 1. Statewide Residential Appliance Recycling Program (RARP) – 1114-04, 1157-04, 1232-04, 1348-04

<b>PROGRAM IMPLEMENTER(S):</b>	SCE, SDG&E, & PG&E
<b>PROPOSED SUBCONTRACTOR(S):</b>	
<b>IOU SERVICE TERRITORY:</b>	SCE – 1232-04 SDG&E – 1348-04 PG&E – 1114-04 <b>SCE – 1157-04 (Procurement)</b>
<b>GEOGRAPHIC AREA:</b>	
<b>TARGET MARKET:</b>	Electric Residential customers with operating but energy inefficient primary or secondary refrigerators or freezers, with emphasis on HTR customers
<b>BUDGET APPROVED</b>	SCE: \$12,000,000 SDG&E: \$ 2,700,000 PG&E: \$ 3,728,782 <b>Total: \$18,428,782</b>
<b>PGC PROCUREMENT</b>	<b>SCE: \$10,206,909</b>

#### PROGRAM DESCRIPTION:

This program targets residential customers' older, energy inefficient refrigerators and freezers for recycling and offers a \$35 rebate to customers in exchange for appliances that are in working condition at the time of pick-up. The programs will operate until the funds are spent, or until the end of the calendar year 2005, whichever comes first.

#### PROGRAM MODIFICATIONS (PGC):

For 2004-05, utilities plan to offer \$35 cash incentive only. Utilities offered the option of \$35 or a five-pack of compact fluorescent lamps (CFLs) in 2002 and 2003. Since the offering of the CFL option, the customer demand for this option has declined dramatically. We agree with utilities' \$35 cash incentive only.

In computing energy saving, IOUs shall rely on the soon-to-be-finalized PY 2002 EM&V report by Kema-Xenergy which derives new NTG and UEC figures that result in significantly lower per-unit savings. The remaining uncertainty surrounding lab-vs. in-situ metering is expected to be resolved through the EM&V design approved for 2004-05.

To maximize program energy savings, refrigerator collection and recycling shall be limited to inefficient models manufactured prior to 1990. Federal refrigerator energy efficiency standards, which went into effect in that year, reduce the expected kWh-differential between the recycled unit, and the new refrigerator or freezer<sup>♦</sup> below the threshold we believe justifies collection and recycling. Ineligible models manufactured after 1989 feature stickers inside the refrigerator compartment, which list the model year for easy customer verification.

Because the majority of recent program participants do not well understand the energy efficiency rationale of this program, as partially reflected in the rather low NTG ratio of 0.35, we hereby direct the IOUs – in cooperation with the program vendors (presently ARCA & JACO) – to realign the messages conveyed in the marketing and outreach materials with the energy efficiency objectives of the program. Specifically, they shall (a) emphasize reasonable anticipated customer energy savings over the \$35 rebate; (b) substitute the phrase “turn-in” for “recycling” to minimize confusion about the fate of the relinquished refrigerators or freezers; and (c) emphasize all eligibility criteria as important to the program’s success.

We agree with IOU requests for permission to administer the portion of the statewide RARP in their respective service territories, and further grant the SDG&E request that the IOUs be given the option of issuing a new RFP for this program, if they wish to exercise that option.

**PROGRAM MODIFICATIONS (PROCUREMENT):**

This is a well-subscribed program. However, SCE should address in its program implementation plan how it would account or monitor the program to address the issues surrounding both saturation and age of models being picked up. With approximately 70,000 refrigerators per year recycled in SCE area alone, saturation may be achieved sooner rather than later. As with the PGC funded programs, refrigerator recycling and collection should be limited to inefficient models manufactured prior to 1990. The same size restrictions in the PGC-funded program (14-27 cubic feet) shall apply to procurement funded recycling program.

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<sup>♦</sup> The overwhelming majority of units presently collected appear to be primary refrigerators or secondary units that are also replaced.

**PROGRAM BUDGETS AND TARGETS:**

	<b>Program Budget</b>	<b>Energy Reduction Targets (kWh)</b>	<b>Demand Reduction Targets (kW)</b>	<b>Energy Reduction Targets (Therms)</b>	<b>Other Targets (# of refrigerators/# of freezers recycled)</b>
SCE	\$12,000,000	69,871,755	10,715	0	72,188/8,020
SDG&E	\$2,700,000	12,800,766	1,937	0	13,794/1,086
PG&E	\$3,728,782	19,339,736	3,461	0	20,456/1,900
<b>Total PGC</b>	<b>\$18,428,782</b>	<b>102,012,257</b>	<b>16,113</b>	<b>0</b>	<b>106,438/11,006</b>
<b>Procurement</b>	<b>\$10,206,909</b>	<b>60,865,018</b>	<b>9,332</b>	<b>0</b>	<b>62,886/6,986</b>

**2. Statewide Single Family Energy Efficiency Rebate (SFEER)  
Program – 1115-04, 1160-04, 1220-04, 1234-04, 1349-04, 1377-04**

<b>PROGRAM IMPLEMENTER(S):</b>	SCG, SCE, SDG&E & PG&E
<b>PROPOSED SUBCONTRACTOR(S)</b>	None for SCG & SDG&E No Major subcontractor for SCE TBD for PG&E
<b>IOU SERVICE TERRITORY:</b>	SCG – 1220-04 SCE – 1234-04 SDG&E – 1349-04 PG&E – 1115-04 <b>SCE – 1160-04 (Procurement)</b> <b>SDG&amp;E – 1377-04 (Procurement)</b>
<b>GEOGRAPHIC AREA:</b>	
<b>TARGET MARKET:</b>	Residential (Single-family dwellings up to four units, condominiums & mobile homes)
<b>APPROVED BUDGETS BY SERVICE TERRITORY</b>	SCG: \$ 6,482,000 SCE: \$10,000,000 SDG&E: \$ 5,800,000 PG&E: \$38,257,722 <b>Total \$60,539,722</b>
<b>PGC</b>	<b>SCE \$24,507,380</b> <b>SDG&amp;E \$11,490,000</b>
<b>PROCUREMENT</b>	<b>Total: \$35,997,380</b>

**PROGRAM DESCRIPTION:**

This program targets all market actors in the residential energy efficiency retrofit and renovation products supply chain to increase market penetration of related

products. It includes three components: (1) customer rebates, (2) customer information and education, and (3) marketing and outreach to manufacturers, distributors, and retailers. The rebates are provided on major home end-uses of energy, including Energy Star appliances and lighting, home improvement measures, heating, ventilation and air conditioning equipment, pool pumps and motors, and building shell measures (attic and wall insulation and windows).

## **PROGRAM MODIFICATIONS (PGC):**

### **Upstream Residential Lighting Program**

IOUs propose to merge SFEER and Upstream Residential Lighting Program. IOUs will offer the traditional SFEER measures as well as measures that have been previously offered in the Upstream Residential Lighting Program. IOUs state that the proposed merge will allow synergies and efficiencies in administration, materials preparation, and communications with various market actors. The proposed modification by IOUs is granted.

**Incentives** - IOUs propose the following incentive modifications:

**Clothes Washers.** IOUs propose a two-tiered incentive for clothes washers, which distinguish the highest efficient clothes with a \$75 or \$125 incentive.

**Evaporative Coolers.** IOUs propose a new set of incentives for advanced whole house evaporative coolers, and an additional \$100 for installations that include exhaust dampers and a programmable thermostat. Customers can now receive as much \$600 for a two-stage unit that has the dampers and thermostat installed.

**Windows.** IOUs propose an increased incentive for High Performance windows from \$0.50/sq. ft. to \$1.00/sq. ft.

**Energy Star CFLs & Fixtures.** IOUs propose offering new incentive for Energy Star CFL and fixtures based on lumens rather than wattage.

**HVAC.** For simplification, IOUs propose a two-tiered (instead of three-tiered level) incentive levels for HVAC and to categorize the products into split and package systems. The Tier I A/C and heat pump split systems will absorb the less popular Tier II products, which will now meet the minimum Energy Star Tier I standard in efficiency of 13 SEER/11 EER. The new Tier II split systems will start with a minimum efficiency rating of 14 SEER/12 EER, which includes the higher energy efficient units installed. The Tier I A/C and heat pump package systems will absorb the less popular Tier 2 products, which will now meet the minimum standard in efficiency from 12 SEER/10.5 EER. The new Tier 2 will start with a minimum of 13 SEER/11 EER and include the higher energy efficient units installed in this tier. This change reinforces the demand for higher efficiency products. The higher incentive level for the Tier 2 products will be retained to continue participation at a high level. Tier 3 will be dropped from the PGC funded program.

**Ceiling Fans.** Based on September 2002 RLW Analytics Study, which showed energy savings are much lower than previously claimed and due to low customer demand, IOUs will discontinue incentives for ceiling fans.

The above-proposed incentive modifications are granted.

**Point-of-Sale Incentive Delivery**

The lighting program utilizes the point-of-sale incentive delivery method by providing discounted lighting products to customers. To increase product demand, IOUs plan to also use this method for other measures. The application of point-of-sale incentive delivery to other measures, besides lighting, is granted.

**Updated Energy Savings Table**

IOUs developed an updated energy savings table to reflect emerging products. IOUs propose to base savings on the Energy Star specifications for lighting on this updated energy savings table. This request is granted.

**Duct Testing and Sealing and Cool Roofs**

IOUs state that they (1) may include duct testing and sealing, and (2) will not offer rebates on cool roofs based upon product development and availability for a broad market retrofit market. We require IOUs to include in their implementation plans the specific conditions when duct testing/sealing and cool roof measures will be provided to customers.

**Training and Certification of Contractors**

PG&E proposes to train and certify contractors through the North American Technician Excellence, Inc. (NATE), which is the leading certification programs for technicians in the heating, ventilation, air conditioning, and refrigeration industry and is the only test supported by the entire industry. The proposed modification is more appropriate under statewide education/training or training/certification programs. Therefore, we are denying PG&E's proposed modification. Budget allocated for this training and certification should be reallocated specifically to customer incentives.

**PROGRAM MODIFICATIONS (PROCUREMENT):**

In addition to the above modifications, SCE also propose offering \$50 rebate for Energy Star qualified refrigerators while SDG&E proposes replacement of refrigerators for qualified customers. These additional offerings are granted. SCE and SDG&E should each submit a program implementation that clearly delineates the different measures that are subject to rebate under each program. In addition, SDG&E should submit a timeline with adequate information on various activities.

**PROGRAM BUDGETS AND TARGETS:**

	<b>Program Budget</b>	<b>Energy Reduction Target (kWh)*</b>	<b>Demand Reduction Target (kW)*</b>	<b>Energy Reduction (Therms)*</b>
SCG	\$6,482,000	5,484,524	1,555	2,493,508
SCE	\$10,000,000	71,885,715	21,993	0
SDG&E	\$5,800,000	61,015,352	10,256	396,642
PG&E	\$38,257,722	393,419,112	69,952	4,405,591
<b>PGC Total</b>	<b>\$60,539,722</b>	<b>531,804,703</b>	<b>103,756</b>	<b>7,295,741</b>
<b>SCE Procurement</b>	<b>\$24,507,380</b>	<b>438,107,968</b>	<b>76,743</b>	<b>0</b>
<b>SDG&amp;E Procurement</b>	<b>\$11,490,000</b>	<b>47,423,486</b>	<b>7,925</b>	<b>1,553,679</b>
<b>Procurement Total</b>	<b>\$35,997,380</b>	<b>485,531,454</b>	<b>84,668</b>	<b>1,553,679</b>

\*Minimum expectations based upon reduced budget, pending program implementation.

For 2002, SCE spent more than 90% of its SFEER funds and less than 80% of its Upstream Residential Lighting fund. SCE is also requesting a sizeable amount of procurement funds for this program. We are adjusting SCE’s budget from \$16,000,000 (excluding EM&V) to \$10,000,000 to reflect a budget more consistent with 2003 budget and the overall budget available in the SCE territory. Because of the savings in administration, material preparations, and communications with market actors, we expect SCE to achieve the above minimum energy savings based upon reduced budget, pending program implementation finalization.

We are also adjusting PG&E’s budget from \$49,197,762 (including EM&V) to \$38,257,722. The reduced budget reflects adjustment in overhead costs, deletion of media promotions budget; it’s a budget more consistent with 2003 budget level. PG&E should coordinate with Flex Your Power campaign for statewide media promotions.

**3. Statewide Multifamily Energy Efficiency Rebates – 1118-04, 1176-04, 1195-04, 1236-04, 1246-04**

<b>PROGRAM IMPLEMENTER(S):</b>	SCE SDG&E SoCalGas PG&E
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<b>PROPOSED SUBCONTRACTOR(S):</b>	Only <b>PG&amp;E</b> proposes to use contractors for this program – they will perform the following activities: Processing Center Marketing/Promotion Advertising
<b>IOU SERVICE TERRITORY:</b>	SCE – 1236-04 <b>SCE Procurement – 1176-04</b> SDG&E – 1195-04 SoCalGas – 1246-04 PG&E – 1118-04
<b>GEOGRAPHIC AREA:</b>	Service Territories of SCE, SDG&E, SoCalGas and PG&E
<b>TARGET MARKET:</b>	Residential – Multifamily
<b>IOU CONTRACT ADMINISTRATOR:</b>	NA
<b>APPROVED BUDGET by SERVICE TERRITORY</b>	SCE: \$ 4,000,000 SDG&E: \$ 4,000,000 SoCalGas: \$ 2,798,000 PG&E: \$ 7,709,156
<b>PGC PROCUREMENT</b>	<b>Total \$ 18,507,156</b> <b>SCE: \$ 8,191,126</b>

**PROGRAM DESCRIPTION (PGC and Procurement):**

The Multifamily program promotes energy savings by providing cash rebates for the installation of qualified energy-efficient products in apartment dwelling units, in the common areas of apartment and condominium complexes and common areas of mobile home parks. Property owners, and property managers as authorized agents for property owners, of existing residential multifamily complexes with five or more dwelling units may qualify. The Multifamily Rebate program combines information, education, and energy management services that include targeted marketing and customer incentives to encourage property owners/managers to select energy efficient measures. The Multifamily Rebate program offers rebates for the following types of measures: apartment improvements, common area improvements, mechanical improvements and high-efficiency heating and cooling equipment.

**PROGRAM MODIFICATIONS:****PGC**

This statewide program is approved as proposed with the following exception: The budgets proposed by SCE, SDG&E and PG&E were reduced to amounts that are similar to those approved for PY2003. In recommending these reductions to the Commission, staff took program results from PY2003 into account. Adjustments to energy savings goals were made in proportion to the budget

reduction. Revised per measure projections will need to be resubmitted by those three IOUs, in the form of a revised proposal, to account for those energy savings and budget adjustments.

### SCE Procurement

The proposal is approved as proposed.

### PROGRAM BUDGETS AND TARGETS:

The following table is a summary of some of the key objectives of this program. The proposal should be consulted for a complete description of the program design and objectives.

	Program Budget	Energy Reduction Targets* (kWh)	Demand Reduction Targets* (kW)	Energy Reduction Targets* (Therms)	Hard-to-Reach Targets
<b>SCE*</b>	\$ 4,000,000	11,102,737	1,981	NA	36% of Applications
<b>SDG&amp;E*</b>	\$ 4,000,000	9,995,375	1,212	365,601	93% of Applications
<b>SoCalGas</b>	\$ 2,798,000	9,657,958	693	1,255,166	29% of Applications
<b>PG&amp;E*</b>	\$ 7,709,156	5,417,193	4,513	18,850,520	30% of Applications
<b>TOTAL PGC</b>	<b>\$ 18,507,156</b>	<b>36,173,263</b>	<b>8,399</b>	<b>20,471,287</b>	
<b>SCE Procurement</b>	<b>\$ 8,191,126</b>	<b>24,293,138</b>	<b>3,371</b>	<b>0</b>	<b>NA</b>

\*Minimum expectations based upon reduced budget, pending program implementation plan finalization

### 4. Statewide California Energy Star New Homes Program - Single Family, Multifamily 1330-04, 1128-04, 1239-04 1244-04, 1169-04

<b>PROGRAM IMPLEMENTER(S):</b>	PG&E; SDG&E; SCE; SCG
<b>PROPOSED SUBCONTRACTOR(S):</b>	PG&E: SOL-DATA; Will solicit for marketing support SCE: Will solicit for plan check and multifamily program support SDG&E: Douglas Beaman Associates/training SCG: Douglas Beaman Associates/training
<b>IOU SERVICE TERRITORY:</b>	SCE – 1239-04 SDG&E – 1330-04 SoCalGas – 1244-04 PG&E – 1128-04 <b>SCE Procurement – 1169-04</b>

<b>GEOGRAPHIC AREA:</b>	Statewide/Utility Service Territories
<b>TARGET MARKET:</b>	Single and Multifamily Builders
<b>APPROVED BUDGET by SERVICE TERRITORY</b>	SCE: \$ 9,000,000 SDG&E: \$ 5,200,000 SoCalGas: \$ 3,360,000 PG&E: \$ 11,219,913
<b>PGC PROCUREMENT</b>	<b>Total: \$ 28,779,913</b> <b>SCE: \$ 6,139,345</b>

**PROGRAM DESCRIPTION:**

This program aims at influencing the design and construction of single family and multifamily residential new construction. Utilities work with single and multifamily builders, architects, energy analysts and other building industry professionals, the program to increase energy efficiency through a combination of education, design assistance and financial incentives. Single family and low rise multifamily building projects meeting the program requirements will additionally meet the requirements of the U. S. Environmental Protection Agency (EPA) Energy Star<sup>®</sup> Homes Program. The EPA does not currently recognize high rise construction with the Energy Star<sup>®</sup> label, but participating utilities are part of a national consortium outlining requirements for future application to this program.

**PROGRAM MODIFICATIONS:**

In 2003 the utilities requested that the two-tier level of program incentives (15 percent and 20 percent) be combined into a single 15 percent level. The Commission ordered that the 20 percent level remain in place due to the need to encourage builders to “go higher” in their energy savings efforts. This year utilities note that they will rely on EM&V studies to determine whether the existing 20 percent incentive level is necessary, or whether builders achieve this level through minimal effort. If the latter is the case, utilities plan to ask the Commission to eliminate the 20 percent rebate level. The Commission supports the current structure for incentives in this program. Any changes to the program incentive levels will need to be submitted to the Commission for approval, per this decision.

Changes to program targets based on budget reductions are as follows:

- \* SCE – 10 percent reduction in original budget and targets
- \* SDG&E – 27.88 percent reduction from original budget and savings targets
- \* SCG – No reductions
- \* PG&E – 35.81 percent reduction in original budget and savings target.

**PROGRAM BUDGETS AND TARGETS:**

	<b>Program Budget</b>	<b>Energy Reduction Targets* (kWh)</b>	<b>Demand Reduction Targets* (kW)</b>	<b>Energy Reduction Targets* (Therms)</b>
<b>SCE</b>	\$9,000,000	7,840,629	10,353	NA
<b>SDG&amp;E</b>	\$5,200,000	4,666,047	6,423	326,656
<b>SoCalGas</b>	\$3,360,000	2,751,236	3,787	212,152
<b>PG&amp;E</b>	\$11,219,913	1,936,997	2,064	871,443
<b>PGC Total</b>	<b>\$28,779,913</b>	<b>17,194,909</b>	<b>22,627</b>	<b>1,410,251</b>
<b>Procurement Total</b>	<b>\$ 6,139,345</b>	<b>7,538,720</b>	<b>9,235</b>	<b>0</b>

\*Minimum expectations based upon reduced budget, pending program implementation plan finalization

### 5. Statewide Standard Performance Contract – 1121-04, 1177-04, 1240-04, 1347-04

<b>PROGRAM IMPLEMENTER(S):</b>	PG&E, SCE, SDG&E
<b>PROPOSED SUBCONTRACTOR(S):</b>	
<b>IOU SERVICE TERRITORY:</b>	SCE – 1240-04 SDG&E – 1347-04 PG&E – 1121-04 SCE – 1177-04 ( <b>Procurement</b> )
<b>GEOGRAPHIC AREA:</b>	Statewide
<b>TARGET MARKET:</b>	Non-residential
<b>APPROVED BUDGET by SERVICE TERRITORY</b>	SCE: \$ 18,000,000 SDG&E: \$ 7,520,000 PG&E: \$ 28,471,354 Total: \$ 53,991,354
<b>PGC PROCUREMENT</b>	<b>SCE: \$ 33,648,396</b>

#### PROGRAM DESCRIPTION:

The Standard Performance Contract is offered statewide to non-residential customers. The program offers rebates on a per therm and per kWh basis and requires energy savings measurements to qualify for the rebates. Therefore the program allows flexibility from participants with respect to the types of energy efficiency measures they choose to undertake in reaching their energy savings goals.

#### PROGRAM MODIFICATIONS:

The utilities propose the following changes to the 2004-2005 SPC program:

- 1) Allow prescriptive per measure rebates (identical to those available in the Express Efficiency Program) in the SPC program for 2004-2005.
- 2) Eliminate the minimum energy usage requirement for participation in this program.
- 3) Eliminate the 80-20 Rule which requires that at least 20% of energy savings per SPC site be from non-lighting measures
- 4) Eliminate 30 percent lighting budget restriction, which requires that no more than 30% of each utility's incentive budget go towards lighting savings.
- 5) Change customer project sponsor cap to 25% of utility budget, which would allow a maximum of 25% of each IOU's incentive budget to go to one customer.
- 6) Increase therm incentive from \$.60 to \$1.00.

We accept the requested modifications in 1,2, and 6. We reject the requested changes in 3, 4, and 5. The 2004-2005 program will maintain the 80-20 rule, the 30 percent lighting incentive restriction, and the maximum incentive allocation per customer will remain at \$300,000 per site and \$1,500,000 across all utilities for PGC funds. If the IOU's wish to allocate procurement funds to their SPC program they can increase the customer incentive cap to their requested level using procurement funds. The incentive funds amount, including audits, for any site with a potential incentive amount greater than \$300,000 per site or \$1,500,000 across all utilities must come, in its entirety from procurement funds.

**PROGRAM BUDGETS AND TARGETS:**

	Program Budget	Energy Reduction Targets (kWh)	Demand Reduction Targets (kW)	Energy Reduction Targets (Therms)	Hard-to-Reach Targets
SCE	\$ 18,000,000	109,264,648	16,477	0	
SDG&E	\$ 7,520,000	30,240,000	3,767	680,400	
PG&E	\$28,471,354	156,918,064	18,559	5,073,534	
<b>PGC Total</b>	<b>\$ 53,991,354</b>	<b>296,422,712</b>	<b>38,803</b>	<b>5,753,934</b>	
<b>Procurement Total</b>	<b>\$ 33,648,396</b>	<b>251,076,592</b>	<b>36,833</b>	<b>0</b>	

**6. Statewide Nonresidential Express Efficiency PGC -1133-04, 1346-04, 1261-04, 1249-04/Procurement SCE -1178-04 Express**

<b>PROGRAM IMPLEMENTER(S):</b>	SDG&E; SCE; PG&E; SCG
<b>PROPOSED SUBCONTRACTOR(S):</b>	PG&E - To be determined SDG&E - Says NA SCE - Says NA SCG - Panatec; Gravitas SCE Procurement- LA Office of Small Business; Flintridge Consulting; Installation contractors
<b>IOU SERVICE TERRITORY:</b>	<b>PGC</b> SCE - 1243-04 SDG&E - 1344-04 SoCalGas - 1251-04 PG&E - 1133-04 <b>Procurement</b> SCE - 1178-04
<b>GEOGRAPHIC AREA:</b>	Utility Service Territories
<b>TARGET MARKET:</b>	Nonresidential medium and small commercial businesses with loads less than 500 KW
<b>APPROVED BUDGET by SERVICE TERRITORY</b>	SCE: \$12,000,000 SDG&E: \$ 6,687,911 SoCalGas: \$ 6,977,858 PG&E: \$ 9,998,131 <b>PGC Total: \$35,663,900</b> <b>PROCUREMENT SCE \$ 3,635,562</b>

**PROGRAM DESCRIPTION:**

Express Efficiency is a prescriptive rebate program that provides financial incentives to all small-and medium-sized nonresidential customers on a seamless statewide basis. The prescriptive incentive design provides a straightforward and customer-friendly way to encourage the smallest utility commercial customers a relatively hassle-free and reliable means to decrease their utility bill and make their business more energy efficiency. One of the program's goals is to focus on providing small and medium-sized customers access to energy efficient technologies that had previously been adopted by larger customers.

**PROGRAM MODIFICATIONS:**

Targets: None

Budgets: SDG&E reduced by .6 percent (\$40,089)

In 2003 (D.03-04-55) the Commission granted the utilities' request to replace the "Account Aggregation Rule, which limited chain or corporate account participation to \$25,000, to a \$25,000 incentives limit per corporation for chain account for work done on service accounts with loads of not exceeding 500 kW. The Commission understands D.03-04-055 to have had the effect of removing the corporate and chain account limitation/cap of \$25,000 and replacing it with a site limit per corporation or chain account of \$25,000. In their 2004-05 submittal, utilities propose to remove the "...\$25,000 per corporation participation cap...." The Commission understands that D.03-04-055 may have had the effect of encouraging more chain-store participation for those chains with service account of less than 500 kW, but continuing to discourage corporations with a large facilities over the 500 kW limit to participate in the program. The Commission initially placed the \$25,000 limit on corporate participation to ensure that the hardest to reach small businesses that are generally without the financial resources to make efficiency improvements became a focus of the Express program. Since that time, the Commission has approved numerous programs aimed specifically at reaching this harder to reach audience. The utilities have also made this audience a target for their efforts. We therefore concur with the utilities that the \$25,000 per corporation limit is unnecessary. Yet, we do maintain our concern that unlimited corporation access to the program may use up these funds at a rate that impacts the utilities hard-to-reach goals. We therefore strike a balance and authorize removal of the \$25,000 corporate limit and the replacement of that limit with a corporate participation cap \$200,000 per corporation for the Express program.

In their Express Efficiency proposal submittals the utilities also propose to increase incentive levels over those offered in 2003 based on a contractor study of measure incentive levels that might best "move" the market in relationship to Express Efficiency. After review of the study and study related issues, we

conclude that the proposed incentive levels are reasonable and therefore authorize these levels for the 2004-05 Express Efficiency program.

Finally, in separate program filings (1120-04; 1179-04; 1334-04), the utilities propose a “Nonresidential Retrofit Prescriptive Motors and Air Conditioning Rebate,” also called the “The Nonresidential Upstream HVAC and Motors” program. This innovative upstream approach holds great possibility to enhance utilization of the Express Efficiency rebate structure. We are, however, aware of the potential for “double counting” of savings in these two program efforts. We therefore order the utilities to establish and propose a set of clearly stated reporting mechanisms in their program implementation plans for both the Express and listed “Upstream” programs that will ensure the Commission that program savings and costs in these two program areas do not overlap i.e., are not “double-counted.”

#### PROGRAM BUDGETS AND TARGETS:

	Program Budget	Energy Reduction Targets (kWh)	Demand Reduction Targets (kW)	Energy Reduction Targets (Therms)
SCE	\$12,000,000	205,196,016	45,100	0
SDG&E	\$6,687,911	95,661,152	15,304	72,044
SoCalGas	<b>\$6,977,858</b>	4,754,429	0	4,604,671
PG&E	\$9,998,131	191,416,080	33,287	2,132,391
<b>PGC Total</b>	<b>\$35,663,900</b>	<b>499,251,106</b>	<b>93,691</b>	<b>6,809,106</b>
<b>SCE Procurement</b>	\$3,635,562	54,072,940	5,794	0

#### 7. Statewide Building Operator Certification and Training Program – 1125-04, 1252-04, 1253-04, 1357-04

<b>PROGRAM IMPLEMENTER(S):</b>	SCG, SCE, SDG&E, & PG&E
<b>PROPOSED SUBCONTRACTOR(S):</b>	Northwest Energy Efficiency Council (NEEC)
<b>IOU SERVICE TERRITORY:</b>	SCG – 1253-04 SCE – 1252-04 SDG&E – 1357-04 PG&E – 1125-04
<b>GEOGRAPHIC AREA:</b>	
<b>TARGET MARKET:</b>	Operators of medium and large commercial buildings, including governmental and institutional

	building and complexes)
<b>APPROVED BUDGETS BY SERVICE TERRITORY</b>	SCG: \$ 331,050 SCE: \$ 1,000,000 SDG&E: \$ 300,000 PG&E: \$ 510,714 <b>Total \$2,141,764</b>

**PROGRAM DESCRIPTION:**

The training program component trains building operators to identify and implement energy savings opportunities as an integral part of their operations and maintenance activities. The training will include equipment operations, the latest methods of building operation and maintenance, and how to incorporate energy efficiency and peak reduction opportunities. All participants are tested to evaluate the amount of knowledge retained. A certification of course completion and recognition will be awarded to students that successfully complete the training program and required testing. The certification component provides a consistent benchmark of competencies for participants.

**PROGRAM BUDGETS AND TARGETS:**

	<b>Program Budget</b>	<b>Level I BOC Courses</b>	<b>Level I BOC Course Attendees</b>	<b>Level II BOC Courses)</b>	<b>Level II BOC Course Attendees</b>
SCG	\$ 331,050	2	40	2*	24*
SCE	\$1,000,000	10	200	2	30
SDG&E	\$ 300,000	2	40	1	24
PG&E	\$ 510,714	8	160	2	24
<b>Total</b>	<b>\$2,141,764</b>	<b>22</b>	<b>440</b>	<b>8</b>	<b>102</b>

\*SCG’s narrative included discussion on providing Level II BOC training curricula in 2004 and 2005. However, the specific table for goals did not indicate any Level II courses. We expect SCG to conduct the minimum classes stated above. If the goals are different from above, SCG should file a program implementation plan to detail the revised goals.

**8. Statewide Savings By Design/PGC -1127-04, 1346-04, 1261-04, 1249-04/Procurement SCE 1183-04, SDG&E 1323-04**

<b>PROGRAM IMPLEMENTER(S):</b>	SDG&E; SCE; PG&E; SCG
<b>PROPOSED SUBCONTRACTOR(S):</b>	PG&E- Determined by open bidding process SDG&E – Determined by open bidding process SCE – Determined by open bidding process SCG – Determined by open bidding process

<b>IOU SERVICE TERRITORY:</b>	<b>PGC</b> SCE – 1261-044 SDG&E – 1346-04 SoCalGas – 1249-04 PG&E – 1127-04 <b>Procurement</b> SCE – 1183-04 SDG&E – 1323-04
<b>GEOGRAPHIC AREA:</b>	Utility Service Territories
<b>TARGET MARKET:</b>	Nonresidential new construction building owners and design teams
<b>APPROVED BUDGET by SERVICE TERRITORY</b>	SCE: \$ 17,800,000 SDG&E: \$ 4,824,000 SoCalGas: \$ 4,468,000 PG&E: \$ 20,022,306 <b>Total: \$ 47,114,306</b>
<b>PGC</b>	SCE: \$ 10,443,685 SDG&E: \$ 6,596,000 <b>Total: \$17,039,685</b>
<b>Procurement</b>	

**PROGRAM DESCRIPTION:**

Savings By Design (SBD) is an energy efficiency program for the nonresidential, commercial new construction industry. The program provides statewide consistency and energy savings persistence to the new construction market by promoting integrated energy efficiency design at the front-end of a construction project. SBD offers building owners and their design teams a wide range of services including education, design assistance, and owner incentives as well as design team incentives. SBD interventions avoid the missed opportunities that result when energy efficient measures and strategies are not incorporated in a project during the construction phase. Because the program is delivered before a building or process is constructed, energy savings are achieved when they create the greatest benefit and are most cost-effective for the owner.

**PROGRAM MODIFICATIONS:**

PG&E's administrative budget has been reduced by 7 percent

**PROGRAM BUDGETS AND TARGETS:**

	<b>Program Budget</b>	<b>Energy Reduction Targets* (kWh)</b>	<b>Demand Reduction Targets* (kW)</b>	<b>Energy Reduction Targets* (Therms)</b>
SCE	\$ 17,800,000	88,042,704	17,557	NA
SDG&E	\$ 4,824,000	13,448,000	2,690	230,768
SoCalGas	\$ 4,468,000	22,628,568	4,367	296,194
PG&E	\$ 20,022,306	81,960,176	19,786	605,905
<b>TOTAL PGC</b>	<b>\$47,114,306</b>	<b>206,079,448</b>	<b>44,400</b>	<b>1,132,867</b>
SCE	\$ 10,443,685	65,198,392	12,757	NA
SDG&E	\$ 6,596,000	20,172,000	4,034	346,152
<b>Total Procurement</b>	<b>\$17,039,685</b>	<b>85,370,392</b>	<b>16,791</b>	<b>346,152</b>

\*Minimum expectations based upon reduced budget, pending program implementation plan finalization

## 9. Statewide Crosscutting Codes and Standards Advocacy Program – 1134-04, 1259-04, 1266-04, 1343-04

<b>PROGRAM IMPLEMENTER(S):</b>	SoCalGas SCE SDG&E PG&E
<b>PROPOSED SUBCONTRACTOR(S):</b>	
<b>IOU SERVICE TERRITORIES</b>	SoCalGas – 1259-04 SCE – 1266-04 SDG&E – 1343-04 PG&E – 1134-04
<b>GEOGRAPHIC AREA:</b>	Statewide
<b>TARGET MARKET SEGMENT(s)</b>	Crosscutting
<b>APPROVED BUDGETS BY SERVICE TERRITORY</b>	SoCalGas: \$ 300,000 SCE: \$ 2,400,000 SDG&E: \$ 200,000 PG&E: \$ 2,950,657 <b>Total: \$ 5,850,657</b>

### PROGRAM DESCRIPTION:

The Statewide Codes and Standards Advocacy Program advocate upgrades and enhancements in energy efficiency standards and codes in the Building Energy Efficiency Standards, California Code of Regulations, Title 24, Part 6, and the Appliance Energy Efficiency Standards, Title 20.

**PROGRAM MODIFICATIONS:**

There are no program changes proposed or adopted for 2004 and 2005.

**PROGRAM BUDGETS AND TARGETS:**

	Program Budget	Energy Reduction Targets* (kWh)	Demand Reduction Targets* (kW)	Energy Reduction Targets* (Therms)	Other Targets
<b>PG&amp;E</b>	\$ 2,950,657	0	0	0	See Plan
<b>SCE</b>	\$ 2,400,000	0	0	0	See Plan
<b>SDG&amp;E</b>	\$ 200,000	0	0	0	See Plan
<b>SCG</b>	\$ 300,000	0	0	0	See Plan
<b>TOTAL</b>	\$ 5,850,657	0	0	0	

**10. Statewide Emerging Technologies –  
1126-04, 1254-04, 1255-04, 1329-04**

<b>PROGRAM IMPLEMENTER(S):</b>	SCE SDG&E SoCalGas PG&E
<b>PROPOSED SUBCONTRACTOR(S):</b>	<b>SCE and SoCalGas –</b> UCI – APEP Occidental College – PPERC Cal Poly SLO Foundation Some Contractors Yet to be Determined <b>SDG&amp;E –</b> See Proposal – Over 20 Contractors Listed <b>PG&amp;E –</b> Contractors To Be Determined for the Following Activities: Demonstration Project Technical Services ET Program Information Transfer Services
<b>IOU SERVICE TERRITORY:</b>	SCE – 1255-04 SDG&E – 1329-04 SoCalGas – 1254-04 PG&E – 1126-04
<b>GEOGRAPHIC AREA:</b>	NA

<b>TARGET MARKET:</b>	Crosscutting – All Market Segments
<b>APPROVED BUDGET by SERVICE TERRITORY</b>	SCE: \$ 3,600,000 SDG&E: \$ 410,000 SoCalGas: \$ 1,506,000 PG&E: \$ 2,382,013 <b>Total: \$ 7,898,013</b>

#### **PROGRAM DESCRIPTION:**

The intent of the ET program is to help accelerate a product's market acceptance through a variety of approaches, but mainly by reducing the performance uncertainties associated with new products and applications. The program forms a link between new energy efficient technologies and applications emerging from the Research & Development (R&D) cycle and their introduction into the marketplace. Once an assessment project is concluded, and the results understood, many of the demonstrated applications either become part of the portfolios of mainstream energy efficiency programs, part of the basis of future energy-related codes and standards, or adopted as standard design practice in the marketplace. The program consists of two parts: Demonstration & Information Transfer, and the ETCC. The Demonstration & Information Transfer portion of the program focuses on the assessment of near-commercial and commercial energy efficient applications with low market penetration. Demonstration projects, conducted at either customer sites or in controlled environments, provide design, performance, and verification of novel energy efficient systems, helping to reduce the market barriers to their wider acceptance. The demonstration projects help to measure, verify, analyze, and quantify the potential demand and energy savings, and document customer acceptance of specific applications in different market segments. Information Transfer disseminates the results of the emerging technology application assessment projects, and is customized to the targeted markets.

#### **PROGRAM MODIFICATIONS:**

The following information will be required in a revised proposal and as they become available in the monthly reports that are submitted to ED:

- 1) Clarification regarding how public input is obtained and whether quarterly coordination meetings of the ETCC are open to the public.
- 2) Detailed justification as to how the 50%+ increase in program budget relative to 2003 will be utilized for the projects planned for 2004-2005.
- 3) Specific costs for projects planned to be undertaken.
- 4) PG&E will need to provide specific project details as they become available.
- 5) Progress that is being made on ongoing projects that were initiated in previous program years, and the results of those projects, including which

associated products have since been incorporated into the IOUs other programs.

PG&E's budget has been reduced in order to cut back on what we consider to be excessive overhead costs. The overall goal in terms of the number of projects is to remain as proposed.

#### **PROGRAM BUDGETS AND TARGETS:**

The following table is a summary of some of the key objectives of this program. The proposal should be consulted for a complete description of the program design and objectives.

	<b>Program Budget</b>	<b># of Projects</b> (Emerging Technology Application Assessments)
<b>SCE</b>	\$ 3,600,000	20
<b>SDG&amp;E</b>	\$ 410,000	6
<b>SoCalGas</b>	\$ 1,506,000	12
<b>PG&amp;E</b>	\$ 2,382,013	20
<b>TOTAL</b>	<b>\$ 7,898,013</b>	<b>58</b>

Summary of other program activities:

Annual updates will be made to the Emerging Technology Coordinating Council website ([www.ca-etcc.com](http://www.ca-etcc.com)). These updates will provide information on the newly initiated Application Assessments.

At least four meetings of the Emerging Technologies Coordinating Council will be held annually.

#### **11. Statewide Upstream HVAC and Motors Rebate Program – 1179-04, 1334-04, 1120-04**

<b>PROGRAM IMPLEMENTER(S):</b>	SCE, SDG&E & PG&E
<b>PROPOSED SUBCONTRACTOR(S)</b>	Energy solutions for SCE & PG&E TBD for SDG&E
<b>IOU SERVICE TERRITORY:</b>	PG&E – 1120-04 SCE – 1179-04 (Procurement) SDG&E – 1334-04 (Procurement)
<b>GEOGRAPHIC AREA:</b>	IOU service territory

<b>TARGET MARKET:</b>	Commercial, industrial, agricultural customers; manufacturers and distributors of premium efficient motors and HVAC equipment
<b>APPROVED BUDGETS BY SERVICE TERRITORY</b>	
<b>PGC</b>	PG&E: \$2,692,581
<b>PROCUREMENT</b>	SCE: \$5,579,453
	<u>SDG&amp;E: \$2,807,882</u>
<b>TOTAL Procurement</b>	\$8,387,335

**PROGRAM DESCRIPTION:**

This is a statewide prescriptive rebate program that provides upstream financial incentives to distributors to stock and sell qualifying high efficiency products combined with downstream customer rebates to create a push/pull strategy. The program is essentially the HVAC and motors element of the statewide Express Efficiency program, but with upstream focus. All of the investor-own utilities' commercial, industrial and agricultural customers are eligible to participate. Incentives are offered for high efficiency packaged and split system air conditioners, heat pumps, integral HVAC smart controls, package chillers, and motors. Depending on market response, additional measures may be added in the second year of the program (2005).

**PROGRAM MODIFICATIONS:**

Although the three utilities propose to fund this program using either PGC or procurement dollars, the program should be offered consistently statewide. SCE and PG&E indicated that both retrofit and new construction applications qualify for the program; however, SDG&E proposed that the program apply only to retrofit projects and that new construction applications qualify for benefits through the Savings By Design program. To avoid any potential customer confusion, SDG&E should revise its program to qualify both retrofit and new construction applications.

There are discrepancies in the proposed rebate levels per unit across the three IOUs for certain measures (e.g., 25 to 60 HP motors) in their respective proposal narratives and workbooks. Also, SDG&E proposed initial A/C incentive of \$100 per ton, which is not consistent with tiered rebates shown in its workbooks and in PG&E's and SCE's workbooks. The three utilities should ensure consistent rebate levels per unit for all the measures offered under the program and should submit to the Energy Division revised workbooks containing the appropriate rebates.

Although the core of the program is rebates to distributors to encourage stocking of premium efficiency equipment, both PG&E and SCE initially proposed to offer

rebates to customers through the Express Efficiency program, but with all the rebate costs and savings accomplishments to be part of this upstream program. PG&E and SCE propose to split the total rebate per unit 70/30 between distributors (upstream rebate) and customers (downstream rebate). It is unclear from SDG&E's initial proposal whether it is offering similar rebate split, and if so, how the downstream rebate costs would be funded. The utilities shall consult with each other and the Energy Division in determining the program's focus and rebate split. Each utility's revised PIP should ensure consistency across the three utilities on these program features.

All three utilities propose to provide additional marketing effort and possibly bonuses for equipment installed in transmission constrained areas. The utilities also propose to use bonuses to convince distributors to submit their first application, as part of their marketing effort. No additional details were provided in the proposals regarding how these bonuses would be implemented and how much, if any, additional rebates will be offered. The utilities should not implement these bonuses without first seeking approval of the Energy Division and should fund these bonuses out of the program's marketing budgets if they are part of the utilities' marketing efforts.

We approve the total proposed budgets of SCE and SDG&E, but reduced PG&E's proposed budget to make its overhead costs comparable to the other two utilities as discussed elsewhere in this decision. However, we noted wide discrepancies in the utilities' proposed budgets for certain cost items. For example, the proportion of administrative costs to the total proposed budget varied widely across the three utilities: SCE – 3%, SDG&E – 21%, PG&E – 17%. In addition, SCE includes \$1.47 million for subcontractor labor doing field verification, whereas SDG&E and PG&E only proposed \$57,400 and \$15,212 for field verification and site inspections, respectively. PG&E included \$400,750 marketing/advertising budget, whereas SCE included zero dollars and SDG&E only budgeted \$43,710.

All three utilities should submit revised budgets to the Energy Division that include supporting details and reallocate their budgets to address the discrepancies noted above.

**PROGRAM BUDGETS AND TARGETS:**

	<b>Program Budget</b>	<b>Energy Reduction Targets* (kWh)</b>	<b>Demand Reduction Targets* (kW)</b>	<b>Energy Reduction Targets* (Therms)</b>
<b>PG&amp;E (PGC)</b>	\$2,692,581	5,722,867	2,902	0
<b>SCE</b>	\$5,579,453	23,556,304	8,611	0
<b>SDG&amp;E</b>	\$2,807,882	5,495,807	3,923	0
<b>Procurement Total</b>	<b>\$ 8,387,335</b>	<b>29,052,111</b>	<b>12,534</b>	<b>0</b>

\*Minimum expectations based upon reduced budget, pending program implementation plan finalization

**(END OF ATTACHMENT 4)**

**ATTACHMENT 5**

**UTILITY LOCAL PROGRAM DESCRIPTIONS**

## 2004 2005 UTILITY LOCAL PROGRAMS

### 1. Pacific Gas & Electric Company (PG&E) Energenius - 1132-04

<b>PROGRAM IMPLEMENTER(S):</b>	PG&E
<b>PROPOSED SUBCONTRACTOR(S):</b>	Subcontractors to support curriculum development, new materials development and marketing will be selected through a request for proposal
<b>IOU SERVICE TERRITORY:</b>	PG&E - 1132-04
<b>GEOGRAPHIC AREA:</b>	PG&E Service Territory
<b>TARGET MARKET:</b>	K-8 <sup>th</sup> grade teachers/HTR focus in rural areas
<b>APPROVED BUDGET</b>	\$1,093,488

#### **PROGRAM DESCRIPTION:**

The Energenius program educates students, teachers, energy management staff, custodial staff, and parents on energy efficiency and electric and gas safety that helps shape their energy use behavior at home, at school and at work. The 2004-2005 program includes kindergarten through eighth grade curricula and builds on the current Energenius structure consisting of five Educational Series of complete curricula on energy efficiency and gas and electric safety. Two changes to the program for 2004-05 incorporate recommendations from teachers, including the addition of a high school lighting audit and training component and piloting a give-away program of compact fluorescent lamps to participating students who are doing a take-home survey with their parents.

#### **PROGRAM MODIFICATIONS:**

None.

#### **PROGRAM BUDGETS AND TARGETS:**

2004-2005 targets include: (1) Distribute 60,000 student packets to teachers; (2) 20,000 participating students will be from geographically HTR areas; (3) Distribute six teacher newsletters; (4) Visit 20 County Offices of Education/Environmental Center (5) Implement a pilot CFL project to 4,000 students

The budget has been reduced by \$95,856

## 2. Pacific Gas & Electric Company (PG&E) School Resources Program (SRP) – 1129-04

<b>PROGRAM IMPLEMENTER(S):</b>	PG&E
<b>PROPOSED SUBCONTRACTOR(S):</b>	
<b>IOU SERVICE TERRITORY:</b>	PG&E
<b>GEOGRAPHIC AREA:</b>	Central Valley and Coastal areas (North & Central)
<b>TARGET MARKET:</b>	K-12
<b>APPROVED BUDGET</b>	\$2,152,168

### PROGRAM DESCRIPTION:

This is an enhanced version of 2003 SRP information program. It has three components: (1) Resource Conservation and Management that provides direct assistance to school districts in energy use analysis, development of an implementation plan, design reviews of new school facilities, retrofit recommendations for existing school buildings, and energy information management activities; (2) Information and Education Workshops for school district business officers, facility managers, custodial and food service staff, teachers and students; (3) Relocatable Classroom Retrofit Pilot that designs and implements a demonstration and direct installation pilot program to retrofit both portable and tilt-up relocatable classrooms with higher efficiency lighting, HVAC systems, daylighting systems, controls and envelope improvements to significantly reduce electricity and gas consumption and utility bills.

### PROGRAM MODIFICATION:

As part of the program implementation plan, submit a revised 2004-05 table that reflects only goals funded by PGC; do not include goals funded by CEC Bright Schools. The budget is adjusted closer to last year's budget and to reflect the available budget in PG&E service territory. Various expenses may need to be adjusted but we expect PG&E to make adjustments in administrative rather than direct implementation costs.

### PROGRAM TARGETS:

#### Student Resources Program (SRP) Goals for 2004-05

Activity	Goal
School District Served	100
Workshops Conducted	42

District-Wide Benchmarking Studies	24
District-Wide Energy Audits	20*
RCM Technical & Mgt. Assistance to Districts	30
Relocatable Classroom Retrofits	166

\*Includes audits funded by CEC Bright Schools. Minimum expectations, pending finalization of implementation plan.

### 3. PG&E Long-Term Procurement Plan - 1353-04

<b>PROGRAM IMPLEMENTER(S):</b>	PG&E
<b>PROPOSED SUBCONTRACTOR(S):</b>	Subcontractors for the procurement programs are the same as for the individual program elements (see below)
<b>IOU SERVICE TERRITORY:</b>	<b>Procurement</b> PG&E – 1353-04
<b>GEOGRAPHIC AREA:</b>	PG&E Service Territory
<b>TARGET MARKET:</b>	Residential and Nonresidential customers with a technology measures and programs that reduce peak demand e.g., AC programs, HVAC, Lighting, etc.
<b>APPROVED BUDGET</b>	<b>Procurement</b> <b>\$ 75,000,000</b>

#### **PROGRAM DESCRIPTION:**

This plan is in direct response to the Commission’s directive in R.01-08-024 to include energy efficiency in PG&E’s procurement plans. The plan is aligned to meeting specific PG&E customer loads given the utility’s current assessment of resources committed or available to serve that load. PG&E analyzed the pattern of its resource needs leading it to focus its procurement-related energy efficiency plan on activities and technologies that would reduce commercial customers’ air conditioning and lighting loads, and residential customers air conditioning loads (Critical Loads). Therefore, while the proposal contains other activities, the main thrust of PG&E’s procurement-related energy efficiency plan are those end-use categories, or end-use categories with similar load shapes aimed at meeting what PG&E describes as it Critical load.

Nonresidential procurement cited in the plan call for programmatic efforts in the following nonresidential programs: Express Efficiency; the Standard Performance

Contract (SPC) program; Savings By Design (SBD); and a comprehensive energy audit program. Residential programs include elements of both PG&E’s single and multifamily retrofit program and some upstream efforts

**PROGRAM MODIFICATIONS:**

None

**PROGRAM BUDGETS AND TARGETS:**

	<b>Program Budget</b>	<b>Energy Reduction Targets (kWh)</b>	<b>Demand Reduction Targets (kW)</b>
<b>PG&amp;E</b>	\$75,000,000	466,883,000	142,400

#### **4. Southern California Edison (SCE) Local Small Nonresidential Hard to Reach Program – 1313-04 (PGC) & 1453 (Procurement)**

<b>PROGRAM IMPLEMENTER(S):</b>	Southern California Edison
<b>PROPOSED SUBCONTRACTOR(S):</b>	
<b>IOU SERVICE TERRITORY:</b>	SCE – 1313-04 (PGC) SCE – 1453-04 (Procurement)
<b>GEOGRAPHIC AREA:</b>	SCE Service Territory
<b>TARGET MARKET:</b>	Very small and small nonresidential, particularly HTR
<b>APPROVED BUDGET</b>	
<b>PGC</b>	\$ 6,801,439
<b>PROCUREMENT</b>	\$5,119,455

**PROGRAM DESCRIPTION:**

The hardware/incentive program provides no-cost energy-efficient lighting retrofits to very small business customers (with demand under 20 kW) in hard-to-reach rural areas of SCE's territory. Lighting installation contractors audit customer lighting systems and explain the energy savings that could result from a retrofit. They provide general energy efficiency information. This program will also provide training and jobs for individuals in economically disadvantaged areas so that local constituents will deliver program services.

**PROGRAM MODIFICATIONS: (PCG)**

We support SCE's efforts in PY 2004-2005 to coordinate with community business organizations and faith-based organizations that understands the needs of their community and on reaching them. SCE should target at least 50% of all program participants be hard-to-reach very small nonresidential customers.

SCE's budget is reduced to \$6,801,439 to reflect a budget closer to 2003 level and since additional procurement funds are being used for this program.

**PROGRAM BUDGETS AND TARGETS:**

	Program Budget	Energy Reduction Targets* (kWh)	Demand Reduction Targets* (kW)	Energy Reduction Targets* (Therms)	Other Targets
<b>PGC TOTAL</b>	\$6,801,439	16,724,124	3,246	0	50% HTR
<b>PROCUREMENT TOTAL</b>	\$5,119,4552	13,386,197	2,6326	0	50% HTR

\*Minimum expectations based upon reduced budget, and pending program implementation plan finalization

**5. Southern California Edison (SCE) – Pump Test and Hydraulic Services – 1317-04**

<b>PROGRAM IMPLEMENTER(S):</b>	SCE
<b>PROPOSED SUBCONTRACTOR(S):</b>	Wadler Data EMC2 Company Premiere Temporary Services
<b>IOU SERVICE TERRITORY:</b>	SCE – 1317-04
<b>GEOGRAPHIC AREA:</b>	SCE service territory
<b>TARGET MARKET:</b>	Large-Small Nonresidential (agricultural and local water districts)
<b>APPROVED BUDGET</b>	<b>\$ 3,200,000</b>

**PROGRAM DESCRIPTION:**

This program provides information and management services to customers with pumping accounts. It promotes awareness of energy efficiency and its benefits to agricultural businesses, water districts and other high volume users of water. It offers a review of system operations, and provides information on rebate programs offered by the utilities and private and state agencies. Under the program, SCE technicians perform pump tests performed using standards set forth by the American Water Works Association.

**PROGRAM MODIFICATIONS:**

There are no program changes proposed or adopted for 2004 and 2005.

**PROGRAM BUDGETS AND TARGETS:**

	<b>Program Budget</b>	<b>Energy Reduction Targets* (kWh)</b>	<b>Demand Reduction Targets* (kW)</b>	<b>Energy Reduction Targets* (Therms)</b>	<b>Other Targets</b>
<b>2004</b>		NA	NA	NA	3,600 Pump Tests
<b>2005</b>		NA	NA	NA	3,600 Pump Tests
<b>TOTAL</b>	<b>\$3,200,000</b>				<b>7,200 Pump Tests</b>

**6. Southern California Edison (SCE) Innovative Designs for Energy Efficiency Activities (IDEEA) – (Procurement Funded) 1185-04**

<b>PROGRAM IMPLEMENTER(S):</b>	Southern California Edison
<b>PROPOSED SUBCONTRACTOR(S):</b>	TBD
<b>IOU SERVICE TERRITORY:</b>	SCE – 1185-04
<b>GEOGRAPHIC AREA:</b>	Service Territory of SCE
<b>TARGET MARKET:</b>	TBD
<b>APPROVED BUDGET</b>	SCE – Procurement: \$ 12,528,690

**PROGRAM DESCRIPTION:**

SCE's Innovative Designs for Energy Efficiency Activities (IDEEA) program will be an annual competitive bidding solicitation of innovative and cost-effective energy efficiency program proposals across all market and customer segments, funded by up to \$6,000,000 annually (not including evaluation and measurement costs) of energy procurement funds. The focus will be on different marketing or delivery methods, different market segments, and/or different technologies than those offered in the SCE portfolio. Winning proposals will fill possible gaps in the overall portfolio of programs offered in SCE's service territory or offer best practices not incorporated in similar programs in the portfolio.

**PROGRAM MODIFICATIONS:**

This program is approved as proposed. However, Edison shall consult assigned Energy Division staff throughout the process. Edison shall provide a draft of the solicitations to assigned ED staff for their comments and approval at least two weeks before issuing them. Edison shall also consult with and seek approval from assigned ED staff prior to selecting the winning bidders, once Edison has completed its internal review process. Edison shall only select programs that are certain to be cost effective.

**PROGRAM BUDGETS AND TARGETS:**

The following table is a summary of some of the key objectives of this program. The proposal should be consulted for a complete description of the program design and objectives.

	Program Budget	Energy Reduction Targets* (kWh)	Demand Reduction Targets* (kW)	Energy Reduction Targets* (Therms)	Hard-to-Reach Targets
SCE	\$ 12,528,690	TBD	TBD	NA	TBD

**7. San Diego Gas & Electric Company (SDG&E)- Local Residential Hard-to-Reach Lighting Turn In & Education Program- 1356-04**

<b>PROGRAM IMPLEMENTER(S):</b>	San Diego Gas & Electric Company
<b>PROPOSED SUBCONTRACTOR(S):</b>	Saber Tradeshow Services, Inc. Associated Storage
<b>IOU SERVICE TERRITORY:</b>	SDG&E – 1356-04
<b>GEOGRAPHIC AREA:</b>	SDG&E service territory
<b>TARGET MARKET:</b>	Hard-to-Reach Residential
<b>APPROVED BUDGET</b>	<b>\$1,000,000</b>

**PROGRAM DESCRIPTION:**

This program provides incentives to hard-to-reach residential customers by participation in events at hospitals, churches, senior centers, and other community events. Consumers receive a free energy efficient compact florescent lighting and torchiere lamps in exchange for an inefficient bulb or torchiere fixture. Through the partnerships with local communities, this program also offers education and information to the hard-to-reach consumers on other energy efficiency program offerings, which are targeted specifically to them.

**PROGRAM MODIFICATIONS:**

Target may need to be modified to reflect approved budget.

**PROGRAM BUDGETS AND TARGETS:**

	Program Budget	Energy Reduction Targets* (kWh)	Demand Reduction Targets* (kW)	Energy Reduction Targets* (Therms)	Other Targets
<b>TOTAL</b>	\$1,000,000	5,599,486	881	0	See Plan

\*Minimum expectations based upon reduced budget, and pending program implementation plan finalization.

### **8. San Diego Gas & Electric Company (SDG&E) Local Nonresidential Small Business Energy Efficiency – 1340-04**

<b>PROGRAM IMPLEMENTER(S):</b>	San Diego Gas & Electric Company
<b>PROPOSED SUBCONTRACTOR(S):</b>	Three Contractors To Be Determined Who Will 1) Establish Customer Eligibility 2) Conduct Audits 3) Schedule and Install Recommended Lighting Measures
<b>IOU SERVICE TERRITORY:</b>	SDG&E – 1340-04
<b>GEOGRAPHIC AREA:</b>	SDG&E Service Territory – Targeting Hard-to-Reach Areas
<b>TARGET MARKET:</b>	Nonresidential – Very Small Business
<b>APPROVED BUDGET</b>	\$ 3,278,000

**PROGRAM DESCRIPTION:**

This program is designed to increase the adoption of energy-efficient lighting measures by San Diego Gas & Electric's (SDG&E) very small, hard-to-reach nonresidential customers. Under this program, selected energy-efficient lighting is installed at no cost to eligible customers. The program was funded during 2002 – 2003 as two separate programs: Small Business Energy Assessment & EZ Turnkey. Designated contractor(s) will procure, store and install approved equipment according to program guidelines. These include compact fluorescent lights (CFLs), exit signs (LED/EL), T-8 lamps with electronic ballasts, and lighting sensors. Fixed incentives will be paid directly to contractor(s) for audit and installation of measures. Following verification of the installed measures, SDG&E issues the rebate check to the participating contractor(s).

**PROGRAM MODIFICATIONS:**

A revised proposal shall be submitted that provides information on how the rebate levels/installation amounts were developed. Also, information should be provided on the requirements for which measures are eligible for replacement.

Staff is concerned that this program will miss many promising opportunities to reach small business because of its exclusive emphasis on lighting measures. The proposal states that small businesses tend not to participate in EE programs because of the lack of information and high first cost. However, simply going in and installing lighting at no cost does little to address the problems surrounding that, apart from the cost issue. Not providing information or coordinating with other activities or requiring that additional steps are taken beyond lighting, will result in many lost opportunities for achieving higher degrees of energy savings in other end-use areas. A revised proposal should be submitted that includes a plan for making this program more comprehensive and using this program to connect participants with to other non-IOU and IOU programs.

**PROGRAM BUDGETS AND TARGETS:**

The following table is a summary of some of the key objectives of this program. The proposal should be consulted for a complete description of the program design and objectives.

	Program Budget	Energy Reduction Targets* (kWh)	Demand Reduction Targets* (kW)	Energy Reduction Targets* (Therms)	Hard-to-Reach Targets
<b>SDG&amp;E</b>	\$ 3,278,000	9,025,076	1660	NA	100%

**9. San Diego Gas & Electric Company (SDG&E) Local Nonresidential Energy Saver (Procurement) – 1315-04**

<b>PROGRAM IMPLEMENTER(S):</b>	SDG&E
<b>PROPOSED SUBCONTRACTOR(S):</b>	
<b>IOU SERVICE TERRITORY:</b>	SDG&E – 1315-04 (Procurement)
<b>GEOGRAPHIC AREA:</b>	SDG&E Territory
<b>TARGET MARKET:</b>	Non-residential
<b>APPROVED BUDGET PROCUREMENT</b>	\$ 980,000

**PROGRAM DESCRIPTION:**

The Local Energy Savers program provides financial incentives for energy efficient refrigerators, software plug load sensors, and torchieres. The program is targeted at schools, non-profit organizations, and tax-exempt entities. The measures eligible for rebates under this program do not have eligible rebates under PGC funded programs.

**PROGRAM BUDGETS AND TARGETS:**

	Program Budget	Energy Reduction Targets (kWh)	Demand Reduction Targets (kW)	Energy Reduction Targets (Therms)	Hard-to-Reach Targets
<b>Procurement Total</b>	<b>\$ 980,000</b>	<b>6,218,316</b>	<b>129</b>	<b>0</b>	

**10. San Diego Gas & Electric Company (SDG&E) Local Customer Energy Savings Bid (Procurement)**

<b>PROGRAM IMPLEMENTER(S):</b>	SDG&E
<b>PROPOSED SUBCONTRACTOR(S):</b>	
<b>IOU SERVICE TERRITORY:</b>	SDG&E – 1320-04 (Procurement)
<b>GEOGRAPHIC AREA:</b>	SDG&E Territory
<b>TARGET MARKET:</b>	Non-residential
<b>APPROVED BUDGET: PROCUREMENT</b>	<b>\$ 20,412,118</b>

**PROGRAM DESCRIPTION:**

The Customer Energy Bid Program allows non-residential customers to propose energy savings projects to their facilities. SDG&E will post an RFP for cost effective energy efficiency retrofits. The financial incentives from the program are structured in a similar fashion to SPC rebates. Customers who respond to the RFP and whose projects are approved will be given financial incentives based upon verified energy savings and demand reductions. Customers targeted by this program are ones who have difficulty participating in other PGC funded non-residential rebate programs. These include government facilities, large, or aggregated non-residential facilities.

**PROGRAM MODIFICATIONS:**

This program will need to coordinate with the SDREP Local Government and Local Government Technical Analysis Programs to ensure there is no overlap

with the local government facilities they are each serving. The programs can also coordinate by leveraging the SDREP Local Government Technical Analysis programs auditing function to aid potential respondents to the RFP released as part of this program.

**PROGRAM BUDGETS AND TARGETS:**

	Program Budget	Energy Reduction Targets (kWh)	Demand Reduction Targets (kW)	Energy Reduction Targets (Therms)	Hard-to-Reach Targets
<b>Procurement Total</b>	<b>\$ 20,412,118</b>	<b>108,800,000</b>	<b>17,600</b>	<b>320,000</b>	

**11. San Diego Gas and Electric (SDG&E) Sustainable Communities (Procurement Funded) – 1316-04**

<b>PROGRAM IMPLEMENTER(S):</b>	San Diego Gas and Electric
<b>PROPOSED SUBCONTRACTOR(S):</b>	WorldBuild Technologies Inc. CTG Energetics These contractors will develop the Program and provide green building and engineering analysis assistance.
<b>IOU SERVICE TERRITORY:</b>	SDG&E – 1316-04
<b>GEOGRAPHIC AREA:</b>	Service Territory of SDG&E
<b>TARGET MARKET:</b>	Crosscutting – New Construction
<b>APPROVED BUDGET PROCUREMENT</b>	\$1,300,000

**PROGRAM DESCRIPTION:**

This procurement funded program is designed to work cooperatively with the cities and counties in its service territory to promote sustainable development, showcase energy-efficient design and building practices, and encourage local developers to incorporate clean on-site energy generation systems in their projects. This program will use elements from two of its Statewide new construction programs - Savings By Design and the California Energy Star New Homes Programs. The goal of this program is to create sustainable energy and demand savings by creating a network of demonstration projects in SDG&E's service territory that incorporate high performance energy efficiency and demand reduction technologies, along with clean on-site generation, water conservation, transportation efficiencies and waste reduction strategies. Its

longer-term goal is to help popularize new energy efficient technologies and sustainable design practices by documenting the benefits and lifecycle cost savings achieved by these demonstration projects, thereby paving the way for future code upgrades and implementation of a Statewide Sustainable Communities Program. All projects selected for this program will be required to exceed Title 24 requirements by a minimum of 30%, and will be strongly encouraged to pursue Leadership in Energy and Environmental Design (LEED) certification. Although it is not a requirement, SDG&E will also actively encourage and support incorporation of clean on-site generation.

**PROGRAM MODIFICATIONS:**

This program is approved as proposed.

**PROGRAM BUDGETS AND TARGETS:**

The following table is a summary of some of the key objectives of this program. The proposal should be consulted for a complete description of the program design and objectives.

	Program Budget	Energy Reduction Targets* (kWh)	Demand Reduction Targets* (kW)	Energy Reduction Targets* (Therms)	Number of Projects
<b>SDG&amp;E Procurement</b>	\$ 1,300,000	1,684,773	390	31,773	Commercial: 4 to 5 Projects Multifamily: 150 Units

**12. San Diego Gas & Electric Company (SDG&E) Local Limited Income Refrigerator Replacement & Lighting Program (Procurement).- 1376-04**

<b>PROGRAM IMPLEMENTER(S):</b>	SDG&E
<b>PROPOSED SUBCONTRACTOR(S):</b>	
<b>IOU SERVICE TERRITORY:</b>	SDG&E
<b>GEOGRAPHIC AREA:</b>	Areas identified in Census 2000 as containing high percentage of limited income households
<b>TARGET MARKET:</b>	Hard-to-Reach, Limited Income Households not eligible for the CARE or LIEE programs
<b>APPROVED BUDGET</b>	<b>\$6,000,000</b>

**PROGRAM DESCRIPTION:**

This is an incentive program designed to fill the gap between the Low Income Energy Efficiency (LIEE) program and the Residential Appliance Rebate Program. The program will be paired with the LIEE program and marketing will be an expansion of the existing LIEE program.

**PROGRAM MODIFICATIONS:**

To achieve maximum energy savings while keeping eligibility requirements as uniform as possible the program shall replace only refrigerators manufactured prior to 1990. The replacement refrigerators must be Energy Star qualified (15% above NAECA standard) and shall be further restricted to models labeled as consuming no more than 440 kWh/year.<sup>1</sup> Where landlords are involved, a rebate or some type of split incentive shall be pursued instead of full replacement. The overhead costs should be adjusted and reallocated to lighting measures.

**PROGRAM BUDGETS AND TARGETS:**

	Program Budget	Energy Reduction Targets* (kWh)	Demand Reduction Targets* (kW)	Energy Reduction Targets* (Therms)
<b>SDG&amp;E</b>	\$6,000,000	11,704,598	1,471	0

\*Minimum expectations based upon reduced budget, pending program implementation plan finalization

**13. Southern California Gas Company (SoCalGas) – Nonresidential Financial Incentives – 1260-04**

<b>PROGRAM IMPLEMENTER(S):</b>	Southern California Gas Company
<b>PROPOSED SUBCONTRACTOR(S):</b>	Panatec Gravitas
<b>IOU SERVICE TERRITORY:</b>	SoCalGas – 1260-04
<b>GEOGRAPHIC AREA:</b>	Southern California excluding San Diego County
<b>TARGET MARKET:</b>	Small to medium nonresidential
<b>APPROVED BUDGET</b>	<b>\$ 4,755,206</b>

**PROGRAM DESCRIPTION:**

This local program focuses on small to medium nonresidential (commercial and industrial) gas customers using less than 250,000 therms annually. The program incorporates technical support, education, training, outreach, contractor referral,

<sup>1</sup> Forty-two refrigerator models that fall below this threshold and are between 14 and 22 cf are listed in the Energy Star tables as of December 1, 2003.

bulk procurement, prescriptive rebates and equitable financial incentives through three program elements:

- “Purchase-Apply-Receive Rebate” (PARR)- Rebates are provided to customers who install identified energy efficient product(s).
- “Nonresidential Equipment Replacement “ (NRER)- Customers receive rebates for “kind-for-kind” replacement of old, inefficient commercial or industrial end-use gas-fired technology with higher efficiency alternatives.
- “Nonresidential Energy Conservation” (NREC)- Qualified customers receive incentives to implement comprehensive energy saving commercial building envelope or industrial process modernizations.

#### **PROGRAM MODIFICATIONS:**

SoCalGas proposed several changes for the 2004/2005 program that will help capitalize on the program’s already demonstrated success and help to achieve the identified goals by boosting program participation through the addition of several measures to the program.

##### (1) PARR Energy Efficient Measure Additions

SoCalGas will add commercial foodservice equipment control devices and Energy Star® programmable thermostats as eligible equipment for rebates under the PARR element of the local NRFIP Program. Another measure under consideration is a unique foodservice equipment ventilation control device, which reduces or shuts off the ventilation hood fan when the foodservice equipment is not in use. These types of equipment were not included in the eligible equipment list under the 2002 NRFIP program.

##### (2) NREC Energy Efficient Measure Modifications

SoCalGas will expand its gas engine energy efficiency measures offering to include controls and waste heat recovery systems and expand its energy efficiency measures offerings for high temperature applications to include the latest, state-of-the-art, programmable, digital combustion/temperature/moisture controls.

**PROGRAM BUDGETS AND TARGETS:**

	<b>Program Budget</b>	<b>Energy Reduction Targets* (kWh)</b>	<b>Demand Reduction Targets* (kW)</b>	<b>Energy Reduction Targets* (Therms)</b>	<b>Other Targets</b>
	\$ 4,755,206	NA	NA	2,907,277	See plan

\*Minimum expectations based upon budget, and pending program implementation plan finalization

**ATTACHMENT 6**

**UTILITY PARTNERSHIP PROGRAM DESCRIPTIONS**

## 2004-2005 UTILITY PARTNERSHIP PROGRAMS

### 1. IOU/UC/CSU Partnership – 1324-04, 1461-04, 1475-04,1489-04,

<b>PROGRAM IMPLEMENTER(S):</b>	PG&E, SCE, SCG, SDG&E, UC and CSU
<b>PROPOSED SUBCONTRACTOR(S):</b>	
<b>IOU SERVICE TERRITORY:</b>	SCE – 1324-04 SoCalGas – 1475-04 PG&E – 1461-04
<b>GEOGRAPHIC AREA:</b>	SCE, PG&E, and SoCalGas Service Areas
<b>TARGET MARKET:</b>	UC/CSU Campuses
<b>IOU CONTRACT ADMINISTRATOR:</b>	
<b>APPROVED BUDGET by SERVICE TERRITORY</b>	SCE: \$ 4,500,000 SoCalGas: \$ 2,309,405 PG&E: \$ 5,492,072 <b>Total: \$ 12,301,477</b>

#### **PROGRAM DESCRIPTION:**

This program will provide the following services to 33 UC and CSU campuses statewide;

- 1) Energy efficiency retrofits including lighting, HVAC and HVAC controls, and motors.
- 2) Retro and continuous commissioning including the installation and proper management of energy monitoring and control systems.
- 3) Energy efficiency training and best practices development for UC/CSU facility managers. This element will also facilitate the information transfer between facility managers at different UC/CSU campuses to ensure best practices in energy usage are disseminated amongst all campuses.

#### **PROGRAM MODIFICATIONS:**

The program budget we approve is lower than proposed. We expect this program to coordinate closely with the Alliance to Save Energy's Green Campus Pilot program. The two programs should integrate the energy efficiency education aspects of the Green Campus program with the actual energy efficiency hardware activities of the IOU/UC/CSU program.

#### **PROGRAM BUDGETS AND TARGETS:**

	Program Budget	Energy Reduction Targets* (kWh)	Demand Reduction Targets* (kW)	Energy Reduction Targets* (Therms)	Hard-to-Reach Targets
<b>SCE</b>	\$4,500,000	6,800,013	1,004		
<b>SoCalGas</b>	\$2,039,405			425,945	
<b>PG&amp;E</b>	\$5,492,072	7,499,828	1,106	283,232	
<b>TOTAL</b>	<b>\$ 12,301,477</b>	<b>14,299,841</b>	<b>2,110</b>	<b>709,177</b>	

\*Minimum expectations based upon reduced budget, pending program implementation plan finalization

## 2. Bakersfield/Kern Energy Watch – 1325-04, 1230-04, 1350-04

<b>PROGRAM IMPLEMENTER(S):</b>	PG&E, City of Bakersfield, County of Kern, Staples/Hutchinson
<b>PROPOSED SUBCONTRACTOR(S):</b>	
<b>IOU SERVICE TERRITORY:</b>	SCE – 1325-04 SoCalGas – 1230-04 PG&E – 1350-04
<b>GEOGRAPHIC AREA:</b>	Kern County
<b>TARGET MARKET:</b>	Crosscutting
<b>IOU CONTRACT ADMINISTRATOR:</b>	
<b>APPROVED BUDGET by SERVICE TERRITORY</b>	SCE: \$ 1,000,000 SoCalGas: \$ 500,000 PG&E: \$ 3,996,711 <b>Total: \$ 5,496,711</b>

### PROGRAM DESCRIPTION:

This program will provide education and outreach to all customer segments of the City of Bakersfield and Kern County. The program offerings include;

- 1) Free energy audits and direct install services to both residential hard to reach small business customers. Measures offered under this activity will include lighting and lighting controls, programmable thermostats, showerheads and thermostats (residential only), insulation (residential only), LED exit signs (non-residential only), and AC tune-ups (non-residential only). Customers will also be referred to rebates on other measures available through other energy efficiency programs.
- 2) Energy Efficiency audits, technical assistance, and SPC-type performance incentives to city and county government buildings.

- 3) Codes and Standards support in the form of building inspector training and review of city and county ordinances in support of codes and standards.
- 4) Energy efficiency training seminars to residential contractors, design/building firms, engineers, and architects.

**PROGRAM MODIFICATIONS:**

This program should coordinate with any other non-IOU programs that may be running in the Bakersfield/Kern area, to avoid program overlap and double-dipping. The program budget approved for PG&E is lower than originally proposed. PG&E should submit revised allocation of approved budget.

**PROGRAM BUDGETS AND TARGETS:**

	Program Budget	Energy Reduction Targets* (kWh)	Demand Reduction Targets* (kW)	Energy Reduction Targets* (Therms)	Hard-to-Reach Targets
<b>SCE</b>	\$ 1,000,000	2,385,046	565		
<b>SoCalGas</b>	\$ 500,000				
<b>PG&amp;E</b>	\$ 3,996,711	7,359,595	1594	168,732	
<b>TOTAL</b>	<b>\$5,496,711</b>	<b>9,744,641</b>	<b>2,159</b>	<b>168,732</b>	

\*Minimum expectations based upon reduced budget, pending program implementation plan finalization

**3. PG&E /Silicon Valley Energy Partnership – 1207-04**

<b>PROGRAM IMPLEMENTER(S):</b>	PG&E, City of San Jose
<b>PROPOSED SUBCONTRACTOR(S):</b>	
<b>IOU SERVICE TERRITORY:</b>	PG&E – 1207-04
<b>GEOGRAPHIC AREA:</b>	San Jose Area
<b>TARGET MARKET:</b>	Crosscutting
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E
<b>APPROVED BUDGET</b>	<b>\$ 1,925,859</b>

**PROGRAM DESCRIPTION:**

This program will leverage the City of San Jose's marketing and outreach capabilities and will provide the following components to the San Jose area:

- 1) Education and outreach to various members of the community.
- 2) Direct install services to small businesses. The small business aspect will provide direct installation of lighting and HVAC measures.

- 3) Codes and Standards support in the form of ordinance review as well as code enforcement improvements.
- 4) Targeted Savings by Design program to ensure all municipal construction activities participate in the Savings by Design program. This component will also provide technical analysis on all municipal construction processes to encourage the maximization of energy efficiency in building design.
- 5) Free energy audits will be provided to municipal buildings and audit participants will be directed towards PG&E non-residential retrofit rebate programs.

**PROGRAM MODIFICATIONS:**

This program is proposing to include a single-family direct install component. We are denying this component because it is essentially a lighting program and incremental costs are low and upstream incentives are prevalent in this area. In the implementation plan PG&E and the City of San Jose should either develop a more comprehensive single family retrofit program, provide a more focused residential audit program, or shift funds from this area to other program elements.

**PROGRAM BUDGETS AND TARGETS:**

	Program Budget	Energy Reduction Targets* (kWh)	Demand Reduction Targets* (kW)	Energy Reduction Targets* (Therms)	Hard-to-Reach Targets
<b>PG&amp;E</b>	\$ 1,925,859	3,624,840	903		

\*Minimum expectations based upon reduced budget, pending program implementation plan finalization

**4. PG&E Local Government Partnership: City of West Sacramento - 1199-04**

<b>PROGRAM IMPLEMENTER(S):</b>	PG&E & City of West Sacramento
<b>PROPOSED SUBCONTRACTOR(S):</b>	None
<b>IOU SERVICE TERRITORY:</b>	PG&E – 1199-04
<b>GEOGRAPHIC AREA:</b>	City of West Sacramento
<b>TARGET MARKET:</b>	Commercial/Industrial Non-residential customers in West Sacramento;; West Sacramento city Codes and Standards staff and contractors; Design build/firms; engineers, and architects working on commercial

	properties in the West Sacramento area, and other interested parties.
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E
<b>APPROVED BUDGET</b>	<b>\$327,957</b>

**PROGRAM DESCRIPTION:**

This partnership will provide the following:

- (1) marketing and outreach to encourage increased local participation in other statewide energy efficiency programs;
- (2) case studies of energy efficiency retrofits in warehouses to demonstrate the benefits of such retrofits and the availability of incentives for such retrofits;
- (3) special assistance to commercial/industrial customers to encourage early replacement of equipment with high efficiency units, including audits and access to SPC incentive funds reserved for West Sacramento businesses;
- (4) support for codes and standards enforcement; and
- (5) local training classes for design/build firms, engineers and architects working on commercial properties.

**PROGRAM MODIFICATIONS:**

The program is classified as an information only program with demonstration components that include projected savings as shown below. The budget has been reduced by \$72,043

**PROGRAM BUDGETS AND TARGETS:**

Targets: (1) Case Study – One case study on an energy efficient warehouse retrofit in West Sacramento; (2) Codes and Standards Support – 2 training classes with West Sacramento staff (1 per year) on topics most relevant to West Sacramento; (3) Training Sessions – 4 energy efficient training sessions/energy fairs held in the West Sacramento area targeting commercial property design and construction (2 per year); (5) Hard-to-Reach Goals: 3 SPC applications from West Sacramento businesses (geographically hard to reach); (6) Rebate upgrade implementation goals, as follows

	<b>Program Budget</b>	<b>Energy Reduction Targets* (kWh)</b>	<b>Demand Reduction Targets* (kW)</b>	<b>Energy Reduction Targets* (Therms)</b>
<b>PG&amp;E</b>	\$327,957	309,438	25	0

\*Minimum expectations based upon reduced budget, pending program implementation plan finalization Energy and Peak Demand Savings Targets

## 5. PG&E Local Government Partnership: East Bay Energy Partnership – 1226-04

<b>PROGRAM IMPLEMENTER(S):</b>	PG&E
<b>PROPOSED SUBCONTRACTOR(S):</b>	Quantum Consulting
<b>IOU SERVICE TERRITORY:</b>	PG&E
<b>GEOGRAPHIC AREA:</b>	East Bay: Contra Costa & Alameda Counties
<b>TARGET MARKET:</b>	Residential Single Family & Multi-Family Dwellings, Commercial/Industrial Buildings, New Construction, Small Businesses
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E
<b>APPROVED BUDGET</b>	<b>\$5,349,873</b>

### PROGRAM DESCRIPTION:

This program includes: (1) Building Tune-up that provides energy savings to mostly large and medium-sized non residential customers through retro-commissioning or related-tuning of building systems; (2) Business Energy Services Team (BEST) Small Commercial Renter that provides customer audits to measure installation for customers with energy use under 100 kW, focusing on hard-to-reach tenants and leaseholders; (3) Smart Lights Very Small Commercial that addresses lighting and refrigeration measures but focuses on hard-to-reach, very small commercial sector with energy use under 20kW; (4) Senior Housing that provides audits, equipment incentives and installation to assisted living and convalescent facilities occupied by senior citizens; (5) Single Family Direct Install that provides and installs a package of cost-effective energy savings measures; and (6) Energy Efficiency Design Assistance (EEDA) that provides information designed to assist architects, developers and building owners make commercial and multi-family residential new construction and major remodel projects as energy efficient as possible.

### PROGRAM MODIFICATION:

The Bay Area Best Builders (BABB) component was proposed for this program. Another approved program focuses specifically on Green Building in the PG&E area. To prevent overlap or any type of duplicative efforts, we are deleting the BABB component for this program. We are adjusting the budget and energy targets accordingly to reflect this deletion and overall budget available in the PG&E service territory. The program implementation plan should specify the

budget and energy targets for each approved program component, including a clear description of the role of PG&E in this partnership.

## 6. PG&E Local Government Partnership: City of Fresno – 1205-04

<b>PROGRAM IMPLEMENTER(S):</b>	PG&E
<b>PROPOSED SUBCONTRACTOR(S):</b>	There will be subcontractors but to be determined.
<b>IOU SERVICE TERRITORY:</b>	PG&E
<b>GEOGRAPHIC AREA:</b>	Downtown and Mid-town, as well as portion of South Fresno neighborhood
<b>TARGET MARKET:</b>	Residential & Nonresidential
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E
<b>APPROVED BUDGET</b>	<b>\$3,000,000</b>

### PROGRAM DESCRIPTION:

This program includes: (1) Residential Free Energy Audit and Direct Install Services element to hard-to-reach (HTR) single family/multi-family limited income areas and mobile homes. The measures include lighting (installation of screw-in CFLs, T8's, T5's and electric ballasts); lighting controls; replacement evaporative coolers for any residents or businesses with existing air conditioners or evaporative coolers; programmable thermostats; low-flow showerheads; faucet aerators; wall and ceiling insulation for multi-family dwellings; LED exit signs for businesses and common areas in multi-family dwellings; and air conditioning tune-ups for businesses. (2) Small and Medium Business Direct Install element to HTR businesses. This program element provides on-site audits and offers rebates on installation of prescriptive energy efficiency measures. (3) Turnkey Energy Efficiency Services and Incentives for Municipal Buildings. This element offers free energy audits, technical assistance and financial incentives to support city investments in energy efficiency retrofits at municipal facilities. (4) Information services element to small/medium businesses that includes training seminars for building operators, building design professionals, City staff, contractors and community-based organizations who are committed to helping City residents save energy through energy efficiency.

### PROGRAM MODIFICATION:

The proposed budget for this program total \$4,500,000 (including EM&V). We are adjusting the budget to \$3,000,000 million (excluding EM&V) and the energy savings accordingly, to be consistent with the budget level of similar programs offering comparable measures and services and the overall budget available in

the PG&E territory. The program implementation plan should specify the budget and energy targets for each approved program component, including the subcontractors to be hired by PG&E; and in the workbook and narrative, include all unit goals for all measures and clarify the 8 cents rebate for Express Efficiency Lighting.

**PROGRAM BUDGETS AND TARGETS:**

	<b>Program Budget</b>	<b>Energy Reduction Target* (kWh)</b>	<b>Demand Reduction Target* (kW)</b>	<b>Energy Reduction Target* (Therms)</b>
PG&E	\$3,000,000	7,949,427	1,567	84,405

\*Minimum expectations based upon reduced budget, pending program implementation finalization.

**Hard-to-Reach Goals: Direct Install\*\***

<b>DESCRIPTION</b>	<b>GOAL</b>
<b>A. Residential Hard-to-Reach</b>	
o Primary language other than English	30% of Program participants
o Those who fall into the limited income (less than 400% of the federal poverty guidelines)	35% of Program participants
o Multi-family housing or mobile home tenants	20% of Program participants
o Tenants	30% of Program participants
<b>A. Nonresidential Hard-to-Reach</b>	
o Small commercial/industrial customers	35% of Program participants
o Very small commercial/industrial customers	10% of Program participants

\*\*Minimum expectations, pending program implementation finalization

**7. PG&E Local Government Partnership: City of Stockton – 1215-04**

<b>PROGRAM IMPLEMENTER(S):</b>	PG&E
<b>PROPOSED SUBCONTRACTOR(S):</b>	There will be subcontractors but to be determined.
<b>IOU SERVICE TERRITORY:</b>	PG&E
<b>GEOGRAPHIC AREA:</b>	Downtown and Mid-town/Magnolia District, as well as portion of South Stockton neighborhood

<b>TARGET MARKET:</b>	Residential & Nonresidential
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E
<b>APPROVED BUDGET</b>	<b>\$2,198,572</b>

**PROGRAM DESCRIPTION:**

This program includes: (1) Single-Family Direct Install Services element for hard-to-reach (HTR) limited income areas with focus on elderly and disabled. The measures include replacement of inefficient fixtures with screw-in CFLs, evaporative coolers, interior and exterior hardwired lighting, and programmable thermostats. (2) Multi-family Rebate element with emphasis on HTR, limited income elderly/disabled residents. This element includes rebates for replacement of interior hardwired lighting fixtures, programmable thermostats, and evaporative coolers within individual dwelling units as well as interior and exterior hardwired lighting fixtures, coin operated washers, and evaporative coolers in apartment common areas. (3) Small and medium Business Direct Install element that provides on-site audits and rebates to fund direct install of prescriptive energy efficient measures. (3) Turnkey Energy Efficiency Services and Incentives for Municipal Buildings. This element offers free energy audits, technical assistance and financial incentives to support city investments in energy efficiency retrofits at municipal facilities. (4) Information services element to small/medium businesses that includes training seminars for building operators, building design professionals, City staff, contractors and community-based organizations who are committed to helping City residents save energy through energy efficiency.

**PROGRAM MODIFICATION:**

The proposed budget for this program total \$3,500,000 (including EM&V). We are adjusting the budget to \$2,198,572 (excluding EM&V) and the energy savings accordingly, to be consistent with the budget level of similar programs offering comparable measures and services and the overall budget available in the PG&E territory. The program implementation plan should specify the budget and energy targets for each approved program component, including the subcontractors to be hired by PG&E; and in the workbook and narrative, include all unit goals for all measures and clarify the 13 cents rebate for Express Efficiency Lighting.

**PROGRAM BUDGETS AND TARGETS:**

	<b>Program Budget</b>	<b>Energy Reduction Target* (kWh)</b>	<b>Demand Reduction Target* (kW)</b>	<b>Energy Reduction Target* (Therms)</b>

PG&E	\$2,198,572	5,355,967	1,411	193,480
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\*Minimum expectations based upon reduced budget, pending program implementation finalization.

**Hard-to-Reach Goals: Direct Install\*\***

DESCRIPTION	GOAL
<b>A. Residential Hard-to-Reach</b>	
o Primary language other than English	30% of Program participants
o Those who fall into the limited income (less than 400% of the federal poverty guidelines)	35% of Program participants
o Multi-family housing or mobile home tenants	20% of Program participants
o Tenants	30% of Program participants
<b>A. Nonresidential Hard-to-Reach</b>	
o Small commercial/industrial customers	35% of Program participants
o Very small commercial/industrial customers	10% of Program participants

\*\*Minimum expectations, pending program implementation finalization

**8. PG&E Local Government Partnership: El Dorado County -1214-04**

<b>PROGRAM IMPLEMENTER(S):</b>	PG&E
<b>PROPOSED SUBCONTRACTOR(S):</b>	A number of subcontractors will be used including: Nexant Newcomb Anderson Alternative Energy Systems (AESC) Nexus Energy Software, Inc Linda Brandon Design Energy Solutions/Cohen Ventures Geopraxis ADM Associates Xenergy Corestaff
<b>IOU SERVICE TERRITORY:</b>	PG&E - 1214-04
<b>GEOGRAPHIC AREA:</b>	El Dorado County and City of Placerville
<b>TARGET MARKET:</b>	Crosscutting - Residential and Small Business
<b>IOU CONTRACT</b>	PG&E

<b>ADMINISTRATOR:</b>	
<b>APPROVED BUDGET</b>	<b>\$ 1,186,978</b>

**PROGRAM DESCRIPTION:**

This program will be run by a partnership of Pacific Gas and Electric Company, the City of Placerville and County of El Dorado. The objective of the program is to reduce electric and gas energy usage, through energy efficiency, for residents and business owners located in El Dorado Hills, Cameron Park, the City of Placerville and the more rural towns of Georgetown, Garden Valley, Coloma, Pollock Pines, Camino and Pleasant Valley. The City of Placerville and County of El Dorado Energy Efficiency Partnership (Partnership) will coordinate with PG&E's statewide and local energy efficiency programs to offer the following incentives and services: direct install energy efficient retrofits and rebates; residential and small business energy efficiency information services to include energy clinics, utility bill analysis, on-site energy audits and objective advice regarding ways County residents and businesses can permanently save energy; energy efficiency training tailored for community based organizations (CBOs) and those energy efficiency contractors who serve County residents and businesses; customized energy efficiency management services and financial incentives to accelerate County investment in energy efficiency retrofits at municipal facilities to reduce summer peak electric demand and winter gas usage; and targeted training and assistance to County staff to promote development and implementation of local energy efficiency building codes to encourage greater energy efficiency.

**PROGRAM MODIFICATIONS:**

PG&E's overhead budget is to be reduced to no more than 7% of the total budget. The budget has been reduced by approximately \$700,000. A revised plan shall be submitted to ED for approval that retains the cost effectiveness of this program.

**PROGRAM BUDGETS AND TARGETS:**

The following table is a summary of some of the key objectives of this program. The proposal should be consulted for a complete description of the program design and objectives.

	<b>Program Budget</b>	<b>Energy Reduction Targets* (kWh)</b>	<b>Demand Reduction Targets* (kW)</b>	<b>Energy Reduction Targets* (Therms)</b>	<b>Hard-to-Reach Targets</b>
<b>PG&amp;E</b>	\$ 1,186,978	3,417,778	611	4,330	Various – See Proposal

## 9. The Energy Coalition: Community Energy Partnership – 1196-04 and 1201-04

<b>PROGRAM IMPLEMENTER(S):</b>	The Energy Coalition
<b>PROPOSED SUBCONTRACTOR(S):</b>	None specified
<b>IOU SERVICE TERRITORY:</b>	SCE –1196-04
<b>GEOGRAPHIC AREA:</b>	Both programs target the cities of Irvine, Santa Monica, Brea, West Hollywood, Moreno Valley, Palm Desert, Santa Clarita, San Bernardino, Cathedral City, Corona, Monrovia, and Tustin
<b>TARGET MARKET:</b>	Residential and small business
<b>IOU CONTRACT ADMINISTRATOR:</b>	SCE
<b>APPROVED BUDGET by SERVICE TERRITORY</b>	SCE:           \$ 4,000,000

### PROGRAM DESCRIPTION:

The Community Energy partnership is classified as a hardware program; however, it operates as a hybrid program, featuring direct installation of measures and education to raise awareness of energy management. The program aims to involve the entire community by encouraging stakeholders such as schools, civic clubs, neighborhood associations, community centers, small business groups and government agencies to enroll. The information segment of the program is focused at the grassroots level, with an emphasis placed upon community organizing to transform the attitudes of participants toward sustainable energy futures.

Measures for both the gas and electric programs are customized and based upon the community segment targeted. Electric measures include energy audits and incentives toward a custom set of lighting and heating, ventilation and air conditioning efficiency measures. Gas measures include gas efficiency audits and installation of common gas-saving measures such as showerheads, faucet aerators, hot water heater wraps, furnace filters and the installation of programmable thermostats. Both gas and electric programs allocate funds to school districts and municipalities to spend on partnership-approved activities.

### PROGRAM MODIFICATIONS:

The program budget for SCE territory is approved at a reduced amount of \$4,000,000.

**PROGRAM BUDGETS AND TARGETS:**

	<b>Program Budget</b>	<b>Energy Reduction Targets* (kWh)</b>	<b>Demand Reduction Targets* (kW)</b>	<b>Energy Reduction Targets* (Therms)</b>	<b>Hard-to-Reach Targets</b>
<b>SCE*</b>	\$4,000,000	11,766,757	9,995	NA	
<b>TOTAL</b>	<b>\$4,000,000</b>	<b>11,766,757</b>	<b>9,995</b>	<b>NA</b>	

\*Minimum expectations based upon reduced budget, pending program implementation plan finalization.

**10. South Bay Cities Energy Efficiency Center- 1404-04 and 1405-04**

<b>PROGRAM IMPLEMENTER(S):</b>	South Bay Cities Council of Government with assistance and support from SCE and SoCalGas
<b>PROPOSED SUBCONTRACTOR(S):</b>	
<b>IOU SERVICE TERRITORY:</b>	SCE – 1405-04 SoCalGas – 1404-04
<b>GEOGRAPHIC AREA:</b>	Carson, El Segundo, Gardena, Hawthorne, Hermosa Beach, Inglewood, Lawndale, Lomita, Manhattan beach, Palos Verdes Estates, Rancho Palos Verdes, Redondo Beach, Rolling Hills, Rolling Hills Estates, and Torrance. The region also includes the 15th District of the City of Los Angeles (the LA Strip) and portions of unincorporated Los Angeles County.
<b>TARGET MARKET:</b>	Non-English speaking consumers, renters and small businesses
<b>IOU CONTRACT ADMINISTRATOR:</b>	SCE
<b>APPROVED BUDGET by SERVICE TERRITORY</b>	SCE: \$ 849,032 SoCalGas: \$ 182,503 <b>Total: \$ 1,031,535</b>

**PROGRAM DESCRIPTION:**

This program expands on current South Bay Energy Rewards program through the development of a community-based resource for energy information, training and materials to assist the member agencies, businesses and citizens to best utilize the resources available to them through the wide variety of statewide and local energy efficiency programs. An Energy Efficiency Resource Center will serve the region's constituents as the central clearinghouse for energy efficiency information and resources. The program builds on the respective strengths of SCE/SCG and the South Bay Cities Council of Governments to overcome

identified participation barriers, better serve local needs and hard-to-reach customers, increase participation in energy efficiency programs and thus to increase the overall long-term sustainability and value of energy efficiency programs to the member agencies and citizens in South Bay region. Marketing and outreach for the education and information programs will be accomplished through mail inserts and newsletter articles with industry partners (e.g. Chambers of Commerce), a newsletter delivered via direct email and through local jurisdiction bill inserts (e.g. water bills). The program will also partner with organizations like the Regional Business Assistance Network (RBAN). RBAN is a cooperative effort that leverages over 450 service providers throughout the Los Angeles County to provide quick and effective business assistance to companies.

**PROGRAM MODIFICATIONS:**

There are no program changes proposed or adopted for 2004 and 2005.

**PROGRAM BUDGETS AND TARGETS:**

The total budget for this program in SCE and SCG service territories is \$1,031,535. Program activities include, but not limited to, conduct training sessions, present in community events, disseminate information and educational materials, submission of articles in local and industrial newspapers, and maintain an energy efficiency website. Program goals include, but is not limited to: (a) conduct 4 information/training sessions for the public sector, (b) 12 sessions for the business sector, and (c) at least 3 events for residential customers.

**11. Ventura County Regional Energy Efficiency Center and Comprehensive Public Sector Program –1403-04/1493-04**

<b>PROGRAM IMPLEMENTER(S):</b>	Ventura County Regional Energy Alliance
<b>PROPOSED SUBCONTRACTOR(S):</b>	K. J. Kammerer & Associates; John Deakin
<b>IOU SERVICE TERRITORY:</b>	SCE – 1403-04 SoCalGas – 1493-04
<b>GEOGRAPHIC AREA:</b>	Ventura County and the Cities of Oxnard, Thousand Oaks, Simi Valley, San Buenaventura, Camarillo, Moorpark, Santa Paula, Port Hueneme, Fillmore, and Ojai.
<b>TARGET MARKET:</b>	The program targets all SCE/SCG electric or natural gas customers, with an emphasis on hard-to-reach markets, such as low-income, seniors, renters and non-English speaking audiences of diverse ethnic backgrounds.
<b>IOU CONTRACT</b>	

<b>ADMINISTRATOR:</b>	SCE
<b>APPROVED BUDGET by SERVICE TERRITORY</b>	SCE: \$1,273,152 SoCalGas: \$ 380,294 <b>Total: \$1,653,446</b>

**PROGRAM DESCRIPTION:**

The Ventura County Regional Energy Efficiency Center and Comprehensive Public Sector Program is a partnership with SCE and SoCalGas that proposes to build on the recent successful formation of the Ventura County Regional Energy Alliance (VCREA) in 2002. This initiative was sponsored by the Local Government Commission (LGC) as a pilot project funded by the Commission during PY2002 and PY2003. The VCREA was formed with the goal to build sustainable local infrastructure for delivering energy efficiency services and in this proposal seeks to: (1) further develop its core capabilities; (2) to complete the development of its Energy Resource Center capability; (3) and to implement a targeted Public Sector energy savings Program for public agencies throughout the Ventura County region. By virtue of its rural geographic location, the entire area served by VCREA (Ventura County) is defined as hard-to-reach. This effort will utilize the strengths of the VCREA and its utility partners to jointly overcome identified participation barriers, better serve local needs and hard-to-reach customers, and increase participation in energy efficiency programs.

**PROGRAM MODIFICATIONS:**

None

**PROGRAM BUDGETS AND TARGETS:**

**Targets:** Program targets include the following training, information center and public sector goals:

**Training:** (1) Conduct at least 4 training sessions for the public sector; (2) 6 sessions for businesses; (3) and at least 4 events for residential customers.

**Information Center:** (1) Promote VCREA resources and energy efficiency information at a minimum of 20 community events; (2) Respond to every customer inquiry within 48 business hours; (3) Achieve an 80 percent overall customer satisfaction level of Excellent

**Public Sector:** (1) Reduce energy consumption in major facilities of VCREA member agencies by 8 percent or more; (2) Reduce peak demand in major facilities of VCREA member agencies by 5 percent or more.

**Budget Total:** \$1,653,44

**12. LA County SCE/SCG Partnership – 1321-04, 1388-04**

<b>PROGRAM IMPLEMENTER(S):</b>	County of LA, SCE, SCG
<b>PROPOSED SUBCONTRACTOR(S):</b>	
<b>IOU SERVICE TERRITORY:</b>	SCE – 1321-04 SoCalGas – 1388-04
<b>GEOGRAPHIC AREA:</b>	LA County
<b>TARGET MARKET:</b>	Crosscutting
<b>IOU CONTRACT ADMINISTRATOR:</b>	
<b>APPROVED BUDGET by SERVICE TERRITORY</b>	SCE: \$ 3,000,000 SoCalGas: \$ 650,000 <b>Total: \$ 3,650,000</b>

**PROGRAM DESCRIPTION:**

This program will provide the following energy efficiency components in the LA County area;

- 1) Energy audits and direct installation of efficiency measures in county facilities. This program will specifically target small county facilities and will provide lighting, HVAC, and water heating energy efficiency upgrades based on the audits.
- 2) Retro/Continuous Commissioning of county facilities including building energy manager training, as well as focusing on hardware and operational improvements to HVAC systems.
- 3) Public Housing multi-family component will provide energy efficiency retrofits in common areas, lighting and appliance replacement in apartments, and installation of time-of-use meters in apartments. These activities will be conducted in the three largest public housing multi-family units in LA County.
- 4) Public Agency Energy Efficiency Technology Transfer will provide training to county facilities building managers as well information transfer to nearby government agencies.

**PROGRAM MODIFICATIONS:**

The budget for this program was cut and we expect SCE/SCG/LA County to propose in their implementation plans which program elements will bear the cuts and why.

**PROGRAM BUDGETS AND TARGETS:**

	<b>Program Budget</b>	<b>Energy Reduction Targets* (kWh)</b>	<b>Demand Reduction Targets* (kW)</b>	<b>Energy Reduction Targets* (Therms)</b>	<b>Hard-to-Reach Targets</b>
<b>SCE</b>	\$3,000,000	4,582,134	1,819		
<b>SoCalGas</b>	\$650,000			402,428	
<b>TOTAL</b>	<b>\$3,650,000</b>	<b>4,582,134</b>	<b>1,819</b>	<b>402,428</b>	

\*Minimum expectations based upon reduced budget, pending program implementation plan finalization

**ATTACHMENT 7**

**STATEWIDE MARKETING AND OUTREACH  
PROGRAM DESCRIPTIONS**

**2004 2005 STATEWIDE MARKETING AND OUTREACH  
PROGRAMS**

**McGuire and Company (Efficiency Partnership)  
Flex Your Power Marketing and Outreach Program– 1491-04**

<b>PROGRAM IMPLEMENTER(S):</b>	Efficiency Partnership
<b>PROPOSED SUBCONTRACTOR(S):</b>	D&R International Grey Worldwide – Los Angeles
<b>IOU SERVICE TERRITORY:</b>	SCE SDG&E SoCalGas PG&E –
<b>GEOGRAPHIC AREA:</b>	Statewide
<b>TARGET MARKET:</b>	Crosscutting
<b>IOU CONTRACT ADMINISTRATOR:</b>	SCE
<b>APPROVED BUDGET by SERVICE TERRITORY</b>	SCE: \$ 9,819,151 SDG&E: \$ 4,089,070 SoCalGas: \$ 2,946,066 PG&E: \$13,145,713
<b>PGC</b>	<b>Total: \$ 30,000,000</b>

**PROGRAM DESCRIPTION:**

This provides marketing and education programs that capitalize on the “Flex Your Power” campaign through TV, newspaper, radio and targeting English and Asian-speaking consumers. Additionally, this program promotes energy efficiency through printed educational materials; events; a website; a biweekly electronic newsletter; planning forums; and crucial partnerships with businesses, government and nonprofit organizations. The campaign coordinates with IOUs, municipal utilities, water agencies, non-utility program providers, manufacturers, retailers of energy-efficient products, contractors and other energy efficiency service providers to provide a consistent statewide energy efficiency message and information.

**PROGRAM MODIFICATIONS:**

It should continue to make prominent the information about non-utility programs so that access to them is comparable to the access on information about utility programs. EP should continue to coordinate with non-utility implementers for ways to represent their programs effectively at the website.

EP, RS&E and Univision should continue to coordinate their efforts with each other, with the utilities, and non-utilities energy efficiency program implementers for consistent, coherent and timely marketing and outreach.

EP should submit program implementation plan for Energy Division approval that details the above-mentioned activities, including timelines.

**PROGRAM BUDGETS AND TARGETS:**

	<b>Program Budget</b>	<b>Energy Reduction Targets* (kWh)</b>	<b>Demand Reduction Targets* (kW)</b>	<b>Energy Reduction Targets* (Therms)</b>	<b>Other Targets</b>
<b>SCE</b>	\$ 9,819,151	0	0	0	See plan
<b>SDG&amp;E</b>	\$ 4,089,070	0	0	0	See plan
<b>SoCalGas</b>	\$ 2,946,066	0	0	0	See plan
<b>PG&amp;E</b>	\$13,145,713	0	0	0	See plan
<b>TOTAL</b>	<b>\$ 30,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	

\*Minimum expectations based upon budget, and pending program implementation plan finalization

**Univision Television Group and Staples/Hutchinson and Associates, Inc. (Univision)  
Univision Television Energy Efficiency Marketing Program;  
Statewide Energy Efficiency Marketing and Outreach- 1490-04**

<b>PROGRAM IMPLEMENTER(S):</b>	Univision Television Group and Staples/Hutchinson and Associates, Inc. (Univision)
<b>PROPOSED SUBCONTRACTOR(S):</b>	

<b>IOU SERVICE TERRITORY:</b>	SCE SDG&E SoCalGas PG&E –
<b>GEOGRAPHIC AREA:</b>	Statewide
<b>TARGET MARKET:</b>	Hard-to-reach Spanish speaking
<b>IOU CONTRACT ADMINISTRATOR:</b>	SCE
<b>APPROVED BUDGET by SERVICE TERRITORY</b>	SCE: \$ 1,963,830 SDG&E: \$ 818,250 SoCalGas: \$ 589,020 PG&E: \$ 2,628,900 <b>Total: \$ 6,000,000</b>

**PROGRAM DESCRIPTION:**

This program provides marketing and outreach to Spanish-speaking communities, using televised marketing and information, building on its success from the previous years.

**PROGRAM MODIFICATIONS:**

In addition to televised commercials, Univision proposes to produce a 30-minute Spanish-language infomercial, in VHS and DVD formats, to provide energy efficiency information. This infomercial would provide to television stations, local governmental agencies, utilities, and non-utility program providers to enhance outreach to the Spanish-speaking customers.

Univision should revise its workbook to provide further breakdown of their budget. For example, Univision should provide breakdown of advertisement/media promotions of \$2,149,028.

Univision should submit program implementation plan for Energy Division approval. Univision, RS&E and EP should continue to coordinate their efforts with each other, with the utilities, and the third-party energy efficiency program implementers for consistent, coherent and timely marketing and outreach.

Univision should submit program implementation plan for Energy Division approval that details the above-mentioned activities, including timelines and revised workbook.

**PROGRAM BUDGETS AND TARGETS:**

	Program Budget	Energy Reduction Targets* (kWh)	Demand Reduction Targets* (kW)	Energy Reduction Targets* (Therms)	Other Targets
<b>SCE</b>	\$ 1,963,830	0	0	0	See plan
<b>SDG&amp;E</b>	\$ 818,250	0	0	0	See plan
<b>SoCalGas</b>	\$ 589,020	0	0	0	See plan
<b>PG&amp;E</b>	\$ 2,628,900	0	0	0	See plan
<b>TOTAL</b>	<b>\$ 6,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	

\*Minimum expectations based upon budget, and pending program implementation plan finalization.

**Runyon Saltzman & Einhorn (RS&E)  
Reach for the Stars Statewide Energy Efficiency Marketing and Outreach Program– 1492-04**

<b>PROGRAM IMPLEMENTER(S):</b>	Runyon Saltzman & Einhorn (RS&E)
<b>PROPOSED SUBCONTRACTOR(S):</b>	SG Henderson Consulting Muto-Dolk Associates, LLC
<b>IOU SERVICE TERRITORY:</b>	SCE SDG&E SoCalGas PG&E –
<b>GEOGRAPHIC AREA:</b>	Statewide
<b>TARGET MARKET:</b>	English and Spanish-speaking customers in rural communities
<b>IOU CONTRACT ADMINISTRATOR:</b>	SCE
<b>APPROVED BUDGET by SERVICE TERRITORY</b>	SCE: \$ 1,636,525 SDG&E: \$ 681,500 SoCalGas: \$ 491,000 PG&E: \$ 2,190,975 <b>Total: \$ 5,000,000</b>

**PROGRAM DESCRIPTION:**

This is a continuation of the 2003 “Reach for the Stars” statewide marketing and outreach energy efficiency communications program. It is directed to customers in rural communities primarily through radio and printed materials, including grants to community-based organizations with strong community ties to further promote awareness to the hard-to-reach customers.

**PROGRAM MODIFICATIONS:**

We approve a program budget of \$2.5 million per year, same budget as that authorized for PY 2003, for two years. RS&E should reallocate the approved budget to most effectively incorporate Spanish-language marketing and outreach component as described in its proposal.

RS&E, EP and Univision should continue to coordinate their efforts with each other, with the utilities, and the third-party energy efficiency program implementers for consistent, coherent and timely marketing and outreach.

RS&E should submit program implementation plan for Energy Division approval that details how it would reallocate its budget, accomplish the above-mentioned activities, including timelines.

**PROGRAM BUDGETS AND TARGETS:**

	Program Budget	Energy Reduction Targets* (kWh)	Demand Reduction Targets* (kW)	Energy Reduction Targets* (Therms)	Hard-to-Reach Targets
<b>SCE</b>	\$ 1,636,525	0	0	0	100%
<b>SDG&amp;E</b>	\$ 681,500	0	0	0	100%
<b>SoCalGas</b>	\$ 491,000	0	0	0	100%
<b>PG&amp;E</b>	\$ 2,190,975	0	0	0	100%
<b>TOTAL</b>	<b>\$ 5,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	

\*Minimum expectations based upon budget, pending program implementation plan finalization.

**ATTACHMENT 8**

**NON-UTILITY PROGRAM DESCRIPTIONS**

**2004 2005 NON-UTILITY PROGRAMS**  
**(Alphabetically Arranged According to Name of Program Implementer)**

**1. ADM Associates, Inc.****Mobile Energy Clinic – 1105-04, 1106-04, and 1487-04**

<b>PROGRAM IMPLEMENTER(s):</b>	ADM Associates, Inc.
<b>PROPOSED SUBCONTRACTORS:</b>	
<b>IOU SERVICE TERRITORY:</b>	SCE -- 1106-04 SDG&E –1105-04 SoCalGas – 1487-04
<b>GEOGRAPHIC AREA:</b>	SCE, SDG&E and SCG service territories
<b>TARGET MARKET:</b>	Small HTR commercial businesses with less than 5,000 square feet of floor area
<b>IOU CONTRACT ADMINISTRATOR:</b>	SCE
<b>BUDGET APPROVED:</b>	SCE: \$725,460 SDG&E: \$302,275 SoCalGas: \$725,460 <b>Total: \$1,753,195</b>

**PROGRAM DESCRIPTION:**

This is a direct install program targeted at owners/operators of small commercial businesses occupying buildings of less than 5,000 square feet of floor area, with focus on strip malls, small convenience stores, laundromats and non-chain restaurants. It is modeled on the 2002-2003 PGC-funded program operating in SCE and SoCalGas service territories. It focuses on improving energy efficiency for small HTR businesses by (1) implementing no-cost/low-cost measures and (2) providing diagnostics of energy-using equipment. ADM also tests the performance of HVAC equipment and checks that lighting systems and other energy-using equipment (e.g. water heaters, compressors and process equipment) are being properly used. Owners/mangers will be given a checklist of energy efficiency actions that they can take and are provided assistance in locating financing for such actions.

**PROGRAM MODIFICATIONS:**

There are no program changes proposed or adopted for 2004 and 2005.

**PROGRAM BUDGET AND TARGETS:**

	Program Budget	Energy Reduction	Demand Reduction	Energy Reduction	Other Targets
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		Targets* (kWh)	Targets* (kW)	Targets* (Therms)	
SCE	\$725,460	2,113,920	406.1	26,976	1,200 Businesses
SDG&E	\$302,275	880,800	169.2	11,240	500 Businesses
oCalGas	\$725,460	2,113,920	406.1	26,976	1,200 Businesses
<b>TOTAL</b>	<b>\$1,753,195</b>	<b>5,108,640</b>	<b>981.4</b>	<b>65,192</b>	<b>2,900 Business</b>

## 2. Alliance to Save Energy

### Green Campus Pilot Program – 1425-04, 1426-04, 1427-04

<b>PROGRAM IMPLEMENTER(S):</b>	Alliance to Save Energy
<b>PROPOSED SUBCONTRACTOR(S):</b>	Strategic Energy Innovation Castle Education
<b>IOU SERVICE TERRITORY:</b>	SCE – 1426-04 PG&E – 1427-04 SDG&E – 1425-04
<b>GEOGRAPHIC AREA:</b>	UC/CSU Campuses
<b>TARGET MARKET:</b>	Cross-cutting
<b>IOU CONTRACT ADMINISTRATOR:</b>	SCE
<b>APPROVED BUDGET by SERVICE TERRITORY</b>	SCE: \$590,081 SDG&E: \$501,116 PG&E: \$ 778,724 <b>Total: \$ 1,869,921</b>

#### PROGRAM DESCRIPTION:

This program is modeled on the Alliance to Save Energy Green Schools program but is directed towards university campuses and students. The program develops student led campus energy efficiency outreach programs designed to provide university students as well as administrators, faculty, and systems' managers energy efficiency education.

#### PROGRAM BUDGETS AND TARGETS:

The specific outreach targets at each campus include:

- 1) Year long planning meetings and an information gathering process
- 2) Energy Kiosks on campus
- 3) Back to School energy efficiency purchasing information brochure for students

- 4) Outreach to local K-12 schools
- 5) Incorporation of energy efficiency into school curricula

### 3. Alliance to Save Energy Green Schools – 1430-04, 1435-04

<b>PROGRAM IMPLEMENTER(S):</b>	Alliance to Save Energy
<b>PROPOSED SUBCONTRACTOR(S):</b>	Strategic Energy Innovation Castle Education
<b>IOU SERVICE TERRITORY:</b>	SCE – 1430-04 PG&E– 1435-04
<b>GEOGRAPHIC AREA:</b>	
<b>TARGET MARKET:</b>	Cross-cutting
<b>IOU CONTRACT ADMINISTRATOR:</b>	SCE
<b>BUDGET APPROVED</b>	SCE: \$1,513,995 PG&E: \$ 1,101,181 <b>Total: \$ 2,615,176</b>

#### **PROGRAM DESCRIPTION:**

This educational program focuses on saving energy in schools and helping students understand the link between energy and the environment through behavior modification, operational changes, and retrofits in school buildings. The program will involve 90 new schools in three geographic areas of SCE and PG&E as well as supporting 32 previously served schools with continuation of their Green Schools program. The school districts in the program participate in developing a baseline of energy use and commit to returning 50 percent of the resulting savings back to the individual schools. The program is comprehensive and is run by students, faculty, custodians and administrators working together to develop an implementation plan that supports their unique educational needs and priorities. The program targets hard-to-reach and underserved areas where customers do not traditionally participate in energy efficiency programs.

#### **PROGRAM BUDGETS AND TARGETS:**

	Program Budget	Energy Reduction Targets (kWh)	Demand Reduction Targets (kW)	Energy Reduction Targets (Therms)	Hard-to-Reach Targets
SCE	\$1,513,995	NA	NA	NA	
PG&E	\$ 1,101,181	NA	NA	NA	
<b>TOTAL</b>	<b>\$2,615,176</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	

#### 4. American Synergy Corporation Comprehensive Hard-to-Reach Mobile Home Program – 1275-04, 1276-04

<b>PROGRAM IMPLEMENTER(S):</b>	American Synergy Corporation
<b>PROPOSED SUBCONTRACTOR(S):</b>	CAL-UCONS Inc.
<b>IOU SERVICE TERRITORY:</b>	SCE – 1275-04 SoCalGas – 1276-04
<b>GEOGRAPHIC AREA:</b>	Not specified
<b>TARGET MARKET:</b>	Residential - Mobile Home
<b>IOU CONTRACT ADMINISTRATOR:</b>	SCE
<b>APPROVED BUDGET</b>	SCE: \$2,500,000 SoCalGas: \$ 1,000,000 <b>Total: \$3,500,000</b>

#### PROGRAM DESCRIPTION:

This is a continuation of the program funded in 2002-2003. This comprehensive program provides education and no cost installation of the following measures to hard-to-reach residential customers in mobile homes: (a) air conditioning tune-ups; (b) compact fluorescent lamps (CFLs) and hard wired CFL fixtures; (c) low flow showerheads, aerators, and water heater temperature setback; (d) set back thermostats; (e) water heater timers; and (f) enhanced duct sealing. The measures are estimated to provide sustainable energy savings from eight (8) to twenty (20) years.

#### PROGRAM MODIFICATIONS:

This program was proposed for operation in all four utility service territories. We are accepting it only in SCE and SCG territories. Of the total reduced budget, \$2,500,000 is to be funded from electric public goods charge (PGC) fund and \$1,000,000 is to be from gas PGC fund. As with the previous program, to ensure

that energy efficiency measures do not decrease health/safety of customers, we require that this program be consistent with the minimum safety testing practices of the utility that serves the area in which the measures are being installed.

#### PROGRAM BUDGETS AND TARGETS:

	Program Budget	Energy Reduction Targets* (kWh)	Demand Reduction Targets* (kW)	Energy Reduction Targets* (Therms)	Hard-to-Reach Targets
<b>SCE</b>	\$2,500,000	7,036,373	2,906		
<b>SCG</b>	\$1,000,000	N/A	N/A	468,157	
<b>TOTAL</b>	<b>\$3,500,000</b>	<b>7,036,373</b>	<b>2,906</b>	<b>468,157</b>	<b>NA</b>

\*Minimum expectations based upon reduced budget, pending program implementation plan finalization

#### 5. Association of Bay Area Governments (ABAG) Northern California Local Government Energy Partnership – 1112-04

<b>PROGRAM IMPLEMENTER(S):</b>	Association of Bay Area Governments (ABAG)
<b>PROPOSED SUBCONTRACTOR(S):</b>	Energy Solutions Brown, Vence and Associates John Deakin and Associates Local Government Commission Association of Monterey Bay Area Governments (AMBAG)
<b>IOU SERVICE TERRITORY:</b>	PG&E – 1112-04
<b>GEOGRAPHIC AREA:</b>	Within all ABAG and AMBAG counties, except Marin, and any identified transmission-constrained areas adjacent to these counties
<b>TARGET MARKET:</b>	Local governments, including small to medium sized cities (with populations under 250,000), counties, and special districts
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E
<b>BUDGET APPROVED</b>	\$2,500,000

#### PROGRAM DESCRIPTION:

This information-only program will provide technical assistance and information services to small to medium sized cities, counties, and special districts to

complete energy efficiency projects in public facilities and to promote energy efficiency within their communities. Local governments in rural areas and those that have large hard-to-reach populations will be specifically targeted. Technical assistance will be offered to local governments in order to help them through the process of completing energy retrofits and developing energy efficiency policies and program initiatives.

**PROGRAM MODIFICATIONS:**

Because a similar program was approved specifically for Marin County, ABAG is directed to not conduct program activities in that county. The budget for this program was reduced from \$2.8 million to \$2,500,000. We require ABAG to submit a revised budget, with the majority of the reduction taken from the administrative costs, which were considered excessive, and no money taken from the direct implementation budget. We expect that the program should still be able to meet the proposed program goals, even with this reduced budget.

**PROGRAM BUDGETS AND TARGETS:**

Program goals include:

- 35 local governments enrolled, with at least 15 in hard-to-reach areas.
- 25 benchmarking reports completed, 15 audits applications submitted on behalf of local governments, and sustained technical assistance for 30 governments.
- 15 policy assessments completed, 12 policy initiative implementation packages, and policy adoption services for 5 local governments.
- 6 workshops conducted and 20 referrals for the promotion of statewide programs.

## 6. ASW Engineering Management Consultants Energy Savers Program – 1086-04

<b>PROGRAM IMPLEMENTER(s):</b>	ASW Engineering Management Consultants
<b>PROPOSED SUBCONTRACTORS:</b>	Geltz Communications
<b>IOU SERVICE TERRITORY:</b>	SCE -- 1086-04
<b>GEOGRAPHIC AREA:</b>	Santa Barbara, Ventura, San Bernardino, and Riverside Counties, and parts of Los Angeles and Orange Counties
<b>TARGET MARKET:</b>	Very small to medium HTR and underserved businesses
<b>IOU CONTRACT ADMINISTRATOR:</b>	SCE
<b>APPROVED BUDGET:</b>	\$3,023,810

### PROGRAM DESCRIPTION:

This program is a continuation of the 2003 Energy Savers Program offered in SCE service territory. It targets very small to medium size hard-to-reach and underserved businesses in SCE service territory in Santa Barbara, Ventura, San Bernardino, and Riverside Counties, and parts of Los Angeles and Orange Counties. The targeted sectors include commercial, industrial, institutional, and schools. It offers financial incentives in the form of matching funds for efficient lighting, programmable thermostats, energy-efficient package unit air conditioners, and tune-ups for air-cooled package units and refrigeration systems. It also provides recommendations for energy efficient practices specific to lighting, air conditioning, and refrigeration systems, and other measures.

### PROGRAM MODIFICATIONS:

There are no program changes proposed or adopted for 2004 and 2005.

### PROGRAM BUDGET AND TARGETS:

	Program Budget	Energy Reduction Targets* (kWh)	Demand Reduction Targets* (kW)	Energy Reduction Targets* (Therms)	Other Targets
<b>SCE</b>	\$3,023,810	9,681,383	2,109	N/A	800 measures

**7. BO Enterprises****Moderate Income Comprehensive Attic Program (MICAP) –  
1082-04**

<b>PROGRAM IMPLEMENTER(S):</b>	BO Enterprises with Support from RLW Analytics
<b>PROPOSED SUBCONTRACTOR(S):</b>	None
<b>IOU SERVICE TERRITORY:</b>	PG&E – 1082-04
<b>GEOGRAPHIC AREA:</b>	Santa Clara, Alameda, San Mateo, Yuba, Nevada, El Dorado, Placer, San Joaquin and Stanislaus Counties
<b>TARGET MARKET:</b>	Hard-to-Reach Moderate income households with incomes of 400 percent of federal poverty guidelines
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E
<b>APPROVED BUDGET</b>	\$4,186,783

**PROGRAM DESCRIPTION:**

This is a residential retrofit program for moderate-income hard-to-reach single family residences. The target sector for program is the HTR moderate income household (defined as 400 percent above federal poverty guidelines), who are ineligible for federal low-income assistance programs, but who often do not have the financial resources to install comprehensive energy efficiency measures, especially attic insulation, in their homes. This is a direct-install program that will provide an array of cost-effective measures to the target audience, including: attic insulation, attic vents, duct seals, AC diagnostics, torchiere lamps, low-flow shower heads, aerators, water heater blankets, water heater pipe wrap, compact fluorescent lighting, programmable thermostats and energy education.

**PROGRAM MODIFICATIONS:**

None

**PROGRAM BUDGETS AND TARGETS:**

	<b>Program Budget</b>	<b>Energy Reduction Targets* (kWh)</b>	<b>Demand Reduction Targets* (kW)</b>	<b>Energy Reduction Targets* (Therms)</b>	<b>Hard-to-Reach Targets</b>
<b>PG&amp;E</b>	\$4,186,783	5,300,058	2,729	631,456	6,000 homes

## 8. Building Industry Institute Community Energy Efficiency Program - 1099-04

<b>PROGRAM IMPLEMENTER(S):</b>	Building Industry Institute
<b>PROPOSED SUBCONTRACTOR(S):</b>	ConSol; Colorado Energy Group, Inc.
<b>IOU SERVICE TERRITORY:</b>	PG&E – 1099-04
<b>GEOGRAPHIC AREA:</b>	PG&E service territory with significant new construction activity. Most of the program activity will be targeted to the Central Valley.
<b>TARGET MARKET:</b>	Building Contractors through Local Government Building Departments; targeted builders
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E
<b>APPROVED BUDGET</b>	\$906,052

### PROGRAM DESCRIPTION:

This program aims at enlisting local government building departments to participate in providing incentives to builders who submit subdivision plans to the department that demonstrate that the subdivision exceeds California Energy Star requirements. Incentives provided by Community Energy Efficiency Program (CEEP) local government building departments include: faster plan review, expedited field inspections, reduced fees, and recognition. This PG&E proposed program is modeled on a successful implemented in SCE territory in the past.

### PROGRAM MODIFICATIONS:

Program budgets and targets have been reduced by one-third from original proposal

### PROGRAM BUDGETS AND TARGETS:

The targets for this information-only program include 20 local government jurisdictions in the PG&E service territory enrolled in program, and providing incentives to builders

**9. The Building Industry Institute (BII)  
Building Energy Code Training - 1100-04, 1101-04, 1102-04**

<b>PROGRAM IMPLEMENTER(S):</b>	The Building Industry Institute (BII)
<b>PROPOSED SUBCONTRACTOR(S):</b>	ConSol
<b>IOU SERVICE TERRITORY:</b>	SCE – 1100-04 SDG&E – 1102-04 PG&E – 1101-04
<b>GEOGRAPHIC AREA:</b>	PG&E,SCE & SDG&E utility service territories
<b>TARGET MARKET:</b>	Builders, Building Officials and their inspectors
<b>IOU CONTRACT ADMINISTRATOR:</b>	SCE
<b>APPROVED BUDGET by SERVICE TERRITORY</b>	SCE: \$ 724,842 SDG&E: \$ 181,210 PG&E: \$1,000,000 <b>Total: \$1,906,052</b>

**PROGRAM DESCRIPTION:**

This Building Industry Institute (BII) proposal for 2004-2005 Building Code and Standards Support is an Information-Only program to train production builders and local governments (building departments) in the proper implementation of the California Residential Energy Efficiency Standards (Title 24), methods and programs to exceed these Standards, and upcoming changes to the residential 2005 Title 24 Standards proposed for implementation in 2006. The proposed training is an extension and improvement upon the existing BII Builder Energy Code Training (BECT) program. The program is designed to change builder practices from not meeting the Title 24 requirements, to meeting them.

**PROGRAM MODIFICATIONS:**

None

**PROGRAM BUDGETS AND TARGETS:**

Targets: Program targets are as follows: (1) Train staff from production builders: 681 staff from 86 companies; (2) Train building department staff - 29 building departments; (3) As a direct result of builder and building department training, Improve compliance with Title 24, capturing at least a 6% improvement in heating, cooling, and water heating as measured by Title 24 for the average participating builder's homes; (4) Train builders and building department staff in the 2005 Title 24 improvements and encourage builders to use early adoption of the quality-construction and lighting portions of the 2005 Standards; (5) Inform builders of the IOU Statewide programs for Energy Star Homes and encourage participation.

Budget: \$1,812,104 for 3 IOU Territories

While the program is an information only program. The impact of this program is expected to increase the efficiency of approximately 17,280 homes by 6%, which equates to 2,245,571 kWh per year savings. This will also provide an estimated 1432.17 peak load savings due to the improved cooling efficiency in these homes.

## **10. California Building Performance Contractors Association California Retrofit Home Performance Program, Phase 2 – 1398-04**

<b>PROGRAM IMPLEMENTER(S):</b>	California Building Performance Contractors Association
<b>PROPOSED SUBCONTRACTOR(S):</b>	Bevilacqua-Knight, Inc; Performance Systems Development, Inc.; Chitwood Energy Systems, Inc.; Solem & Associates; Adrising, Inc.; Home Energy Magazine
<b>IOU SERVICE TERRITORY:</b>	PG&E – 1398-04
<b>GEOGRAPHIC AREA:</b>	PG&E service territory - Central Valley, including Fresno, Stockton-Lodi, Merced, Davis-Willows and Redding urban areas.
<b>TARGET MARKET:</b>	Residential existing home market
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E
<b>APPROVED BUDGET</b>	\$ 1,983,761

### **PROGRAM DESCRIPTION:**

This program is a Phase Two expansion of the 2002-03 Information-Only Residential Retrofit Whole House Program implemented by the California Building Performance Contractors Association. It targets the very large and mostly underserved existing home market. The program trains residential specialty contractors in “whole house contracting,” in which all energy efficiency deficiencies (and related problems such as combustion safety, moisture, comfort and air contaminants) are identified through extensive testing and remedied, typically including both HVAC system equipment and building shell improvements. Contractors market the program to customers, with expected significant energy-savings from this information only effort.

### **PROGRAM MODIFICATIONS:**

None

### **PROGRAM BUDGETS AND TARGETS:**

Targets include: (1) Conduct 10 contractor training cycles; (2) Train at least 50 additional professionals in whole-house principles and diagnostics; (3) Of the

contractors with personnel completing the technical training, train at least 40 contractors in whole-house business and marketing best practices; (4) Expand service from the 2002-03 program effort gradually to at least three other large urban areas in the San Joaquin Valley; (5) Develop public awareness and at least 300 new customer leads for the new contractors, and support contractor efforts in effective marketing of their own; (6) Demonstrate that the business trajectory of the existing and new 2004-05 program's trained contractors is likely to reach a goal of at least 5 million kWh and 100,000 therms in energy savings per year by the end of the 2004-05 program term; (7) As the number of contractors grows, establish a substantial dues-paying contractor membership base to defray costs of future technical support and quality assurance for those contractors.

**11. Cal State University, Chico  
Nonresidential Fenestration Certification Initiative (NFCI) –  
1227-04; 1496-04; 1497-04; 1498-04**

<b>PROGRAM IMPLEMENTER(S):</b>	Cal State University, Chico; Chico Research Foundation (CSUCRF); with the NFRC in partnership with the California Glass Association
<b>PROPOSED SUBCONTRACTOR(S):</b>	National Fenestration Rating Council (NFRC)
<b>IOU SERVICE TERRITORY:</b>	SCE – 1496-04 SDG&E – 1498-04 SoCalGas – 11497-04 PG&E – 1227-04
<b>GEOGRAPHIC AREA:</b>	Statewide; HTR focus in areas other than San Francisco Bay Area, San Diego Metropolitan Area, Los Angeles Basin, and Sacramento Metropolitan Area
<b>TARGET MARKET:</b>	Upstream nonres window manufacturers, suppliers and distributors; installers of fenestration products, builders, architects and design teams, building officials, HTR C-17 glazing contractors
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E
<b>APPROVED BUDGET by SERVICE TERRITORY</b>	SCE: \$ 308,859 SDG&E: \$ 130,064 SoCalGas: \$ 92,486 PG&E: \$ 413,013 <b>Total: \$ 944,422</b>

**PROGRAM DESCRIPTION:**

This is a two-year (2004-2005) information only codes and standards support project designed to facilitate and encourage conformance with the California Energy Commission (CEC) emergency Title 24 standards (of 2001 and 2005) through a comprehensive program of outreach, tailored trainings, and precision technical assistance efforts. Recent changes in Title 24 specify that site-built fenestration units in large commercial buildings (over 10,000 sq. ft) be certified and be National Fenestration Rating Council (NFRC) labeled. The purpose of this program is to bridge the current information gap that exists by identifying key actors in the nonresidential fenestration industry and in code enforcement agencies and provide them with meaningful information, training and technical assistance.

**PROGRAM MODIFICATIONS:**

None

**PROGRAM BUDGETS AND TARGETS:**

Budget: The overall budget for the four IOU service territories for this project is \$944,422. Specific budgets for each of the utility service territories are: PG&E - \$413,013; SCE - \$308,859; SDG&E - \$130,064; SCG - \$92,486

Targets: This information program has set objectives of: (1) providing 212 on-site training sessions for manufacturers, contractors, and building officials; (2) presenting the program at 42 professional meetings with a goal of directly informing/impacting 1096 key actors in the market stream of up to 443 businesses; (3) increasing participation in the IOU “Savings By Design” Program by making over 200 project referrals; (4) increasing substantially the knowledge of market actors by demonstrating an average 25 percent improvement in scores on knowledge measurement and inventories administered before and after each training session; (5) reach 5000 industry participants with informational mailings

**12. California Urban Water Conservation Council  
Pre-rinse Spray Head Installation Program for the Food Service  
Industry - PHASE 2 -  
1198-04, 1200-04**

<b>PROGRAM IMPLEMENTER(S):</b>	California Urban Water Conservation Council
<b>PROPOSED SUBCONTRACTOR(S):</b>	Maureen Erbeznik and Associates Koeller and Company Honeywell DMC Services, Inc. Fisher Nickel Inc., aka Food Service Technology Center (FSTC)

<b>IOU SERVICE TERRITORY:</b>	SoCalGas – 1200-04 PG&E – 1198-04
<b>GEOGRAPHIC AREA:</b>	SoCalGas Service Territory that Overlaps with Participating Water Authorities
<b>TARGET MARKET:</b>	Nonresidential – Small to Medium Sized Food Service Facilities
<b>IOU CONTRACT ADMINISTRATOR:</b>	SoCalGas
<b>APPROVED BUDGET by SERVICE TERRITORY</b>	<b>SoCalGas: \$ 2,254,162</b>

**PROGRAM DESCRIPTION:**

This is a continuation of a program that was approved by the Commission for the 2002-2003 program years. It is a direct-install incentive-based program replaces high water use pre-rinse spray valves with more efficient models at food service facilities: restaurants, cafeterias, institutional kitchens and food preparation companies. There will be no cost to the participants and water utilities throughout the state will contribute a portion of the funds for program implementation. This program targets hard-to-reach customer in both urban and rural settings.

**PROGRAM MODIFICATIONS:**

To ensure energy savings and encourage widespread use of the program, only spray valves using hot water may be replaced. In addition, a revised proposal will need to be submitted that includes specifications regarding the minimum gpm spray rinsers that are eligible for replacement, as the proposal does not provide this information, although assumptions were made for purposes of the cost effectiveness calculations.

In addition, in order to provide for increased equity between public purpose charge contributors, for 75% of sites serviced, no more than five (5) facilities under the same ownership may participate in this program, this is an increase from the limit of three that was imposed on the previous program. We will consider this as attaining the 75% hard to reach target listed in the table below. For the remaining 25% of sites, we will not impose the ownership limit, so long as the facilities served are for medium to large customers.

Only considering the materials and installation, the per unit cost of each unit is \$90. It appears that there is profit for Honeywell rolled into both the marketing (at a per unit cost of \$40) and the installation. This is not in accordance with the reporting requirements that have been established for program implementers. A revised proposal will be required that details the costs per the reporting requirements that all implementers are required to follow, and any profit sought by subcontractors will need to be withheld until a decision is made by the

Commission regarding the performance award. Any budget amounts beyond the maximum allowable performance award shall be redirected toward product and installation costs for an increased number of spray heads.

**PROGRAM BUDGETS AND TARGETS:**

The following table is a summary of some of the key objectives of this program. The proposal should be consulted for a complete description of the program design and objectives.

	Program Budget	Energy Reduction Targets* (Therms)	Number of Spray heads Targeted for Replacement	Hard-to-Reach Targets
<b>SoCalGas</b>	\$ 2,254,162	3,926,870	11,722	75%

**13. City of Berkeley  
California Youth Energy Services – 1462-04**

<b>PROGRAM IMPLEMENTER(S):</b>	City of Berkeley
<b>PROPOSED SUBCONTRACTOR(S):</b>	Rising Sun Energy Center
<b>IOU SERVICE TERRITORY:</b>	PG&E – 1462-04
<b>GEOGRAPHIC AREA:</b>	Oakland, Berkeley, Albany, Emeryville, Richmond, El Cerrito
<b>TARGET MARKET:</b>	Single Family Residential Hard-to-Reach
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E
<b>APPROVED BUDGET</b>	<b>\$ 376,022</b>

**PROGRAM DESCRIPTION:**

This program will train youth to perform energy audits and low cost energy efficiency upgrades in single-family residences in their area. The youth trained under this program will be hired from underprivileged areas of the east bay where they will offer and perform the audits and upgrades. The program will provide free of charge energy audits and low cost energy efficiency upgrades to single family residential customers, as well as recommending additional energy efficiency upgrades, and directing customers to available rebates for those measures offered by other programs.

**PROGRAM BUDGETS AND TARGETS:**

	Program Budget	Energy Reduction Targets (kWh)	Demand Reduction Targets (kW)	Energy Reduction Targets (Therms)	Hard-to-Reach Targets
PG&E	\$ 376,022	0	0	0	

#### 14. City of Davis on behalf of Yolo County Partnership Yolo Energy Efficiency Project-1 (YEPP-1) - 1079-04

<b>PROGRAM IMPLEMENTER(S):</b>	City of Davis on behalf of Yolo County Partnership
<b>PROPOSED SUBCONTRACTOR(S):</b>	Valley Energy Efficiency Corporation
<b>IOU SERVICE TERRITORY:</b>	PG&E-1079-04
<b>GEOGRAPHIC AREA:</b>	Yolo County, especially West Sacramento, Woodland, Winters, and Davis; also unincorporated areas
<b>TARGET MARKET:</b>	RES: Low & Moderate Income, Spanish and Russian-speaking, rural MF & Mobile Home, renters; COMM: Very small, rural, leased facility, Spanish-speaking
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E
<b>APPROVED BUDGET</b>	\$1,966,647

#### PROGRAM DESCRIPTION:

YEPP, a partnership of Yolo County and its municipal governments, will use community-based outreach to contact and involve local communities more successfully than previous programs. This hardware-incentive program will serve residential, multifamily, and commercial customers and will address lighting, cooling, and building envelope needs. Most residential measures are available free-of-charge. Rebates are paid to commercial retrofit customers on a kWh savings basis. YEPP will expand a predecessor program of the Davis Energy Efficiency Project (DEEP) throughout Yolo County.

#### PROGRAM BUDGETS AND TARGETS:

	Program Budget	Energy Reduction Targets (kWh)	Demand Reduction Targets (kW)	Energy Reduction Targets (Therms)	Hard-to-Reach Targets
PG&E	\$1,966,647	6,523,513	1,550	0	

**15. City of Davis on behalf of Yolo County Partnership  
Yolo Energy Efficiency Project-2 (YEPP-2) - 1224-04**

<b>PROGRAM IMPLEMENTER(S):</b>	City of Davis on behalf of Yolo County Partnership
<b>PROPOSED SUBCONTRACTOR(S):</b>	Valley Energy Efficiency Corporation
<b>IOU SERVICE TERRITORY:</b>	PG&E-1224-04
<b>GEOGRAPHIC AREA:</b>	Yolo County, especially West Sacramento, Woodland, Winters, and Davis, as well as unincorporated areas
<b>TARGET MARKET:</b>	RES: Low & Moderate Income, Spanish and Russian-speaking, rural MF & Mobile Home, renters; COMM: small, rural, and urban leased facilities; Spanish- and Russian-speaking
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E
<b>APPROVED BUDGET</b>	\$1,213,548

**PROGRAM DESCRIPTION:**

YEPP, a partnership of Yolo County and all its municipal governments, is cross-cutting program that will serve residential, multifamily, and commercial customers and which will address lighting, cooling, and building envelope needs, as well as energy use in agricultural pumping. YEPP-2 will complement YEPP-1 with an information-only/market transformation program which will involve intensive and broad outreach to the public through training sessions, tabling, canvassing, mailers through local governments, special promotions. Activities will extend the successful beginning of the Davis Energy Efficiency Project (DEEP) and PG&E programs—with PG&E’s cooperation-- throughout Yolo County. YEPP-2 will also support incubator projects on natural cooling and whole house fans; as well as a multi-family energy/water pilot project for multi-family buildings.

**PROGRAM TARGETS:**

It is expected that energy education will be provided to each household and business in the County in the duration of the program. Program goals include:

- 120 tabling/booth events
- 30 residential presentations and 15 commercial presentations focusing on energy education
- website education with updated fact sheets and educational articles
- reach all 65,000 households through direct mailing

**16. County of Marin, Community Development Agency  
Marin Public Facilities Energy Management Team – 1433-04**

<b>PROGRAM IMPLEMENTER(S):</b>	County of Marin, Community Development Agency
<b>PROPOSED SUBCONTRACTOR(S):</b>	Strategic Energy Innovation (SEI) HMW International, Inc. (HMW) Bart Wallace, CEM, CLEP KW Engineering Utility Management Services
<b>IOU SERVICE TERRITORY:</b>	PG&E
<b>GEOGRAPHIC AREA:</b>	Marin County
<b>TARGET MARKET:</b>	Public Facilities of Marin County's 12 local governments and all 74 schools in 19 school districts
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E
<b>APPROVED BUDGET</b>	\$742,319

**PROGRAM DESCRIPTION:**

This is an information program that includes (1) scoping audits to determine the level of energy efficiency management integration and awareness, (2) energy accounting software and services for facility benchmarking, energy use and demand, (3) energy efficiency training and team building to teach energy efficiency fundamentals to facility managers, (4) initial facility audits to identify and prioritize opportunities for energy efficiency, (5) energy efficiency design and engineering assistance to perform more detailed audits, (6) shared energy management services to provide assistance for energy efficiency management, (7) demonstration classroom and office to showcase state of the art energy efficiency products currently available, and (8) monitoring and reporting through energy accounting system to ensure projected savings are achieved and maintained.

**PROGRAM MODIFICATION:**

The cost breakdown and number of audits, walkthroughs and other activities should be indicated in the workbook and discussed fully in the narrative

**PROGRAM BUDGETS AND TARGETS:**

Established Energy Accounting System	50% Participation
Contact	100% of 12 Local Governments, 19 school districts

Scoping Surveys	80%
Facility Audits	60%
Workshops	8
Peer Networks	60% of target audience
EE Management Teams	Where appropriate more than 60% success in forming them
On call Assistance	Requests served by EMT, requests served by leveraging other programs, requests unable to service
Capital Budgets Reviewed	60%, also quantify opportunities, impact of review of 5 yr plans may not be measurable within the timeframe of this program
Demonstration Classroom/office	1 each completed

### 17. Ecology Action of Santa Cruz RightLights-1445-04

<b>PROGRAM IMPLEMENTER(S):</b>	Ecology Action of Santa Cruz
<b>PROPOSED SUBCONTRACTOR(S):</b>	Center for Energy and Environment; Stan Walerczyk / Lighting Wizards; Community Environmental Council (Central Coast)
<b>IOU SERVICE TERRITORY:</b>	PG&E – 1445-04

<b>GEOGRAPHIC AREA:</b>	Santa Cruz, Monterey, San Benito, Santa Clara, and San Mateo counties
<b>TARGET MARKET:</b>	Small and very small businesses with less than 500 KW demand
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E
<b>APPROVED BUDGET</b>	\$5,000,000

**PROGRAM DESCRIPTION:**

RightLights is a multilingual program that installs comprehensive, turnkey lighting retrofits, as well as pre-rinse spray nozzles (food service only), and provides information-only resources on refrigeration, HVAC, and motors efficiency measures to nonresidential customers with less than 500 kW demand. The primary purpose of the program is to deliver persistent and sustainable energy savings at the lowest possible cost to a small business customer group that has historically been hard-to-reach and hence underserved by current programs.

**PROGRAM MODIFICATIONS:**

The initial proposal called for implementation of the effort in 11 counties. We reduce the scope of this effort to Santa Cruz and adjacent counties to allow for a paced ramp-up of the program over a larger service area. Based on Ecology Action comments that the program effort would likely be more effective in San Mateo county than in San Luis Obispo, we remove San Luis Obispo from the program target list and add San Mateo county. Ecology Action also argues in their comments that a need exists to further reduce electric and natural gas energy savings targets due to “economies of scale” benefits and target market benefits (natural gas) that have been reduced or lost based on the Commission’s program modifications. In this decision, we accept the reduced savings figures. We base our acceptance, however, on Ecology Action of Santa Cruz’s presentation to Energy Division – and acceptance by the Energy Division – in the revised program implementation plan (PIP) of adequate documentation of the need for reducing these savings. Without such document, we will expect Ecology Action to meet the original goals set by the Commission for this program activity. Program budgets and goals have been reduced by \$8,014,969 to align with the reduction in program service area.

**PROGRAM BUDGETS AND TARGETS:**

	<b>Program Budget</b>	<b>Energy Reduction Targets* (kWh)</b>	<b>Demand Reduction Targets* (kW)</b>	<b>Energy Reduction Targets* (Therms)</b>	<b>Hard-To-Reach Targets</b>
<b>PG&amp;E</b>	\$5,000,000	16,279,104	4,070	65.192	100 percent HTR customer base in rural counties, and 66 percent in urban areas

\*Minimum expectations based upon reduced budget, pending program implementation plan finalization

## 18. Energy Solutions

### LightWash – 1225-04

<b>PROGRAM IMPLEMENTER(S):</b>	Energy Solutions
<b>PROPOSED SUBCONTRACTOR(S):</b>	None
<b>IOU SERVICE TERRITORY:</b>	PG&E
<b>GEOGRAPHIC AREA:</b>	SF Peninsula, East Bay, North Bay, South Bay, & Central Valley
<b>TARGET MARKET:</b>	Residential Multi-Family & Very Small Nonresidential
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E
<b>BUDGET APPROVED</b>	\$1,448,287

**PROGRAM DESCRIPTION:**

This is a continuation of the 2002-03 program that provides incentives for the installation of energy and water efficient commercial washers in non-single family residential properties and for lighting and boiler systems incentives in coin laundry stores (e.g., Laundromats). It partners with California water utility industry to implement this program.

**PROGRAM MODIFICATIONS:**

None.

**PROGRAM BUDGETS AND TARGETS:**

	<b>Program Budget</b>	<b>Energy Reduction Target (kWh)</b>	<b>Demand Reduction Targets (kW)</b>	<b>Energy Reduction Targets* (Therm)</b>	<b>Unit Goals*</b>
PG&E	\$1,448,287	1,980,288	284	314,773	34,500

\*Include: 2,300 washers, 200 lighting, & 32,000 instantaneous water heater boiler goals.

**19. Energy Design Tools Group, UCLA, Department of Architecture  
HEED, Home Energy Efficient Design – 1067-04; 1068-04**

<b>PROGRAM IMPLEMENTER(S):</b>	Energy Design Tools Group, UCLA, Department of Architecture
<b>PROPOSED SUBCONTRACTOR(S):</b>	CTG Energetics.
<b>IOU SERVICE TERRITORY:</b>	SDG&E (1067-04); PG&E (1068-04)
<b>GEOGRAPHIC AREA:</b>	SDG&E & PG&E service territories
<b>TARGET MARKET:</b>	Residential
<b>IOU CONTRACT ADMINISTRATOR:</b>	SDG&E
<b>APPROVED BUDGET</b>	
<b>SDG&amp;E</b>	\$100,668
<b>PG&amp;E</b>	\$318,711
<b>Total</b>	\$419,379

**PROGRAM DESCRIPTION:**

This is an information program. It provides an easy-to-use energy design tool that shows California's residential customers the energy cost savings of remodel, repair and redesign decisions for their homes. This tool calculates indoor electric lighting levels for each hour of the year as a function of outdoor sunlight, window size, orientation, and room depth. All of this is used to calculate how the home's electric lighting load is reduced by daylight availability.

**PROGRAM MODIFICATION:**

The program requirement of 26 MB of disk space and 64 MB of RAM may be a hurdle to many potential participants, especially apartment dwellers. The program should consider whether computer requirement could be reduced or whether an Internet based-version of the model where nothing is downloaded for dial-up customers may be made available for all program participants.

**PROGRAM BUDGETS AND TARGETS:**

The implementers plan to measure program success through readers of print media, participants in the workshops, and number of copies of HEED that are downloaded

**20. EnSave Energy Performance, Inc  
California Multi-Measure Farm Program – 1354-04 and 1360-04**

<b>PROGRAM IMPLEMENTER(S):</b>	EnSave Energy Performance, Inc.
<b>PROPOSED SUBCONTRACTOR(S):</b>	None
<b>IOU SERVICE TERRITORY:</b>	SCE – 1360-04 PG&E – 1354-04
<b>GEOGRAPHIC AREA:</b>	5 Counties in SCE service territory 28 Counties in PG&E service territory
<b>TARGET MARKET:</b>	PG&E and SCE dairy producers including those described as hard-to-reach.
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E
<b>APPROVED BUDGET by SERVICE TERRITORY</b>	SCE: \$145,053 PG&E: \$578,928 <b>Total: \$723,981</b>

**PROGRAM DESCRIPTION:**

This program promotes the installation of energy efficient measures with cash incentives to dairy producers served by the PG&E and SCE service territories. Producers will be contacted by EnSave and other agricultural community members to inform of program offerings. EnSave will educate dairy producers of other PG&E and SCE energy efficiency programs.

The hardware/incentive component promotes measures such as variable speed drives on equipment such as milking vacuum pumps, plate coolers, compressor heat recovery units to provide energy and demand savings. Incentives are set at levels effective in motivating producers to evaluate and install energy efficiency equipment.

**PROGRAM MODIFICATIONS:**

This program is approved without modification for the SCE and PG&E service territories.

**PROGRAM BUDGETS AND TARGETS:**

	Program Budget	Energy Reduction Targets* (kWh)	Demand Reduction Targets* (kW)	Energy Reduction Targets* (Therms)	Hard-to-Reach Targets
<b>SCE</b>	\$145,053	807,750	175	0	100%
<b>PG&amp;E</b>	\$578,928	3,197,250	693	0	100%
<b>TOTAL</b>	<b>\$723,981</b>	<b>4,005,000</b>	<b>868</b>	<b>0</b>	<b>100%</b>

## 21. FCI Management Consultants Emerging Communities Energy Efficiency Program – 1396-04

<b>PROGRAM IMPLEMENTER(S):</b>	FCI Management Consultants
<b>PROPOSED SUBCONTRACTOR(S):</b>	Davison Jones CPA Express Efficiency Express
<b>IOU SERVICE TERRITORY:</b>	SCE – 1396-04
<b>GEOGRAPHIC AREA:</b>	Los Angeles
<b>TARGET MARKET:</b>	Small Non-residential
<b>IOU CONTRACT ADMINISTRATOR:</b>	SCE
<b>APPROVED BUDGET</b>	<b>\$ 2,000,000</b>

### PROGRAM DESCRIPTION:

This program targets hard to reach small businesses in the primarily minority and low-income areas of Los Angeles. The program provides these businesses with no cost energy audits as well as direct install services for lighting and HVAC tune-up measures. The program will also direct customers to available Express Efficiency rebates that are not eligible under this program. The program will leverage community based organizations and community members to market this program.

### PROGRAM MODIFICATIONS:

The program should coordinate with other non-residential programs that may be operating in this area. The program should ensure that all areas targeted and served by this program are within SCE jurisdiction. The budget for this program has been reduced and various costs may need to be adjusted to reflect budget change.

### PROGRAM BUDGETS AND TARGETS:

	Program Budget	Energy Reduction Targets* (kWh)	Demand Reduction Targets* (kW)	Energy Reduction Targets* (Therms)	Hard-to-Reach Targets
<b>SCE</b>	\$2,000,000	6,041,231	1,430	0	

\*Minimum expectations based upon reduced budget, pending program implementation plan finalization

## 22. Frontier Associates Green Building Technical Support – 1414-04

<b>PROGRAM IMPLEMENTER(S):</b>	Frontier Associates
<b>PROPOSED SUBCONTRACTOR(S):</b>	Austin Energy for Environmental Technology Center What's Working Green Resource Center
<b>IOU SERVICE TERRITORY:</b>	PG&E – 1414-04
<b>GEOGRAPHIC AREA:</b>	Bay Area
<b>TARGET MARKET:</b>	Residential New Construction
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E
<b>APPROVED BUDGET</b>	<b>\$ 1,131,931</b>

### PROGRAM DESCRIPTION:

This program is a continuation of a similar program funded in 2002-2003. It will continue to build and support the Green Affordable Housing Coalition, which is an information source on Green Building techniques to be used by affordable housing developers and public agencies. The program will train custom builders, remodelers, and affordable housing developers on Green Building techniques. It will also provide education on Green building techniques in the form of demonstration processes and targeted information outreach to potential homebuyers.

### PROGRAM BUDGETS AND TARGETS:

	Program Budget	Energy Reduction Targets (kWh)	Demand Reduction Targets (kW)	Energy Reduction Targets (Therms)	Hard-to-Reach Targets
<b>PG&amp;E</b>	\$ 1,131,931	NA	NA	NA	

### 23. Global Energy Partners, LLC Certified Organic Farmer Energy Efficiency Program – 1473-04

<b>PROGRAM IMPLEMENTER(S):</b>	Global Energy Partners, LLC
<b>PROPOSED SUBCONTRACTOR(S):</b>	California Certified Organic Farmers
<b>IOU SERVICE TERRITORY:</b>	PG&E – 1473-04
<b>GEOGRAPHIC AREA:</b>	Program to target rural areas of PG&E service territory.
<b>TARGET MARKET:</b>	Hard-to-reach small rural, agricultural customers, including, but not limited to, certified organic farms.
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E
<b>APPROVED BUDGET</b>	<b>\$1,500,542</b>

#### PROGRAM DESCRIPTION:

This hardware/incentive program assists rural farmers in PG&E service territory to become more energy-efficient and productive. Energy savings will be realized through a series of on-site energy audits and subsequent hardware installations. Marketing materials and assistance will be provided in English and Spanish.

Recommended measures to be installed include exterior and interior lighting, motors, refrigeration, fans, pumping systems, heating ventilation air conditioning and food processing. Incentives for qualifying projects will be provided on a first-come, first-served basis. The incentive structures will be based on 50-50 cost-sharing.

#### PROGRAM MODIFICATIONS:

The eligibility requirements of this program are modified to include small, non-organic farmers.

#### PROGRAM BUDGETS AND TARGETS:

	Program Budget	Energy Reduction Targets* (kWh)	Demand Reduction Targets* (kW)	Energy Reduction Targets* (Therms)	Hard-to-Reach Targets
<b>PG&amp;E</b>	\$1,500,542	3,735,662	1,017	258,960	

**24. Global Energy Services, Inc. (GES)  
Chinese Language Efficiency Outreach –  
1366-04, 1494-04, &1495-04**

<b>PROGRAM IMPLEMENTER(s):</b>	Global Energy Services, Inc. (GES)
<b>PROPOSED SUBCONTRACTORS:</b>	IVU Pictures, Technable, Inc.
<b>IOU SERVICE TERRITORY:</b>	SCE -- 1366-04 SoCalGas – 1495-04 PG&E – 1494-04
<b>GEOGRAPHIC AREA:</b>	Los Angeles and Orange Counties, and San Francisco Bay Area
<b>TARGET MARKET:</b>	HTR residential and non-residential Chinese-language customers, especially the low and medium income group
<b>IOU CONTRACT ADMINISTRATOR:</b>	SCE
<b>BUDGET APPROVED:</b>	SCE: \$ 507,889 SoCalGas: \$ 141,841 PG&E: \$ 507,889 <b>Total: \$1,157,619</b>

**PROGRAM DESCRIPTION:**

This is an informational program, targeting the ‘Hard-To-Reach’ Chinese residential and non-residential consumers. The program elements consist of but not limited to, the following:

- (1) Professionally produced 10-minute television drama with energy efficiency message as backdrop;
- (2) Radio and newspaper campaign;
- (3) Toll-free hotline number for energy efficiency audits and provide program and rebate information;
- (4) In-language targeted energy efficiency workshops providing low and no cost energy efficiency information, State, utility, and 3<sup>rd</sup> party energy efficiency programs
- (5) Participation in community events to create a community energy efficiency presence.
- (6) Dedicated Chinese language energy efficiency website.
- (7) Coordination with local schools to produce energy efficiency drama to be presented in community events.

**PROGRAM MODIFICATIONS:**

GES proposed this program as a statewide marketing and outreach program. With 80% of the Chinese population concentrated in the greater Los Angeles, Orange County area and the San Francisco Bay area, we believe that it would be most effective to deliver this program to areas with the highest concentration of Chinese-speaking customers. GES should file revised workbooks for each of the three utilities to reflect this change.

Additionally, we applaud GES' innovation to produce a 10-minute energy efficiency drama to be aired on Chinese television stations. However, we believe that program funding would be effectively spent on other program activities such as increase the number of energy efficiency workshops or community events.

#### **PROGRAM BUDGET AND TARGETS:**

	Program Budget	Energy Reduction Targets* (kWh)	Demand Reduction Targets* (kW)	Energy Reduction Targets* (Therms)	Other Targets
<b>SCE</b>	\$507,889	0	0	0	See Plan
<b>SCG</b>	\$141,841	0	0	0	See Plan
<b>PG&amp;E</b>	\$507,889	0	0	0	See Plan
<b>Total</b>	\$1,157,619	0	0	0	

\*Minimum expectations based upon budget and pending program implementation plan finalization.

#### **25. H&L Energy Savers Performance 4 – 1066-04**

<b>PROGRAM IMPLEMENTER(S):</b>	H&L Energy Savers
<b>PROPOSED SUBCONTRACTOR(S):</b>	Kodiak Enterprises
<b>IOU SERVICE TERRITORY:</b>	SCE – 1066-04
<b>GEOGRAPHIC AREA:</b>	Outside LA Basin
<b>TARGET MARKET:</b>	Older Residential Single Family
<b>IOU CONTRACT ADMINISTRATOR:</b>	SCE
<b>APPROVED BUDGET by SERVICE TERRITORY</b>	SCE: \$ 2,182,945

**PROGRAM DESCRIPTION:**

This program offers no cost energy audits and financial incentives for energy efficiency measures for residential single family homes. The program provides a free audit, performed by an independent contractor not affiliated with installation contractors. Upon completion of the audit and acceptance by customers the program will provide a financial incentive for various energy efficiency measures that the customer agrees to install in their home. The measures eligible for rebates under this program include ceiling and wall insulation, HVAC diagnostics, duct testing and sealing, whole house fans, programmable thermostats, faucet aerators, low flow shower heads, water heater pipe insulation, and CFL lamps.

**PROGRAM MODIFICATIONS:**

This program will need to coordinate closely with other residential incentive programs to ensure there is no double dipping. As well there will need to be strong quality control on measures that may have performed in the past on homes such as duct testing and sealing. This program is also expected to maintain the pre-specified budget incentive amounts to ensure that homes are receiving a balanced set of efficiency measures, and not just cream skimming on the cheapest ones.

	<b>Program Budget</b>	<b>Energy Reduction Targets (kWh)</b>	<b>Demand Reduction Targets (kW)</b>	<b>Energy Reduction Targets (Therms)</b>	<b>Hard-to-Reach Targets</b>
<b>SCE</b>	\$2,182,945	2,112	4,556,975	646,853	
<b>TOTAL</b>	<b>\$2,182,945</b>	<b>2,112</b>	<b>4,556,975</b>	<b>646,853</b>	

**26. Heschong Mahone Group, Inc  
Designed for Comfort, Efficient Affordable Housing -  
1146-04, 1147-04, 1148-04, 1149-04**

<b>PROGRAM IMPLEMENTER(S):</b>	Heschong Mahone Group, Inc.
<b>PROPOSED SUBCONTRACTOR(S):</b>	Pat Davis Design Group
<b>IOU SERVICE TERRITORY:</b>	SCE – 1147-04 SDG&E – 1149-04 SoCalGas – 1148-04

	PG&E - 1146-04
<b>GEOGRAPHIC AREA:</b>	Statewide – Areas Under Housing Authority Jurisdiction
<b>TARGET MARKET:</b>	Residential – Section 8 Housing Authorities and Recipients
<b>IOU CONTRACT ADMINISTRATOR:</b>	SoCalGas
<b>APPROVED BUDGET by SERVICE TERRITORY</b>	SCE: \$ 846,234 SDG&E: \$ 357,306 SoCalGas: \$ 257,894 PG&E: \$ 1,104,128 <b>Total: \$ 2,565,562</b>

**PROGRAM DESCRIPTION:**

This is a statewide, local government program that will target housing authorities and the existing residential affordable housing building stock. The proposed program is based on the current CPUC-funded third-party program called “Efficient Affordable Housing,” 0255-02. Heschong Mahone has proposed a number of design and implementation changes based upon their experience with the current program. The primary target of the energy efficiency direct incentives is affordable-qualified buildings, including those with at least 10% occupancy by Section 8 housing voucher tenants, Section 202-funded (and other HUD-financed) apartment buildings, and projects previously constructed or rehabilitated using Tax Credit and Bond financing. The targeted participants will have the following characteristics: multifamily buildings, renters, and a large percentage of the projects and housing authorities will be in rural areas. As a new requirement for this year’s program, only projects within the jurisdictions of housing authorities that have adopted or are intending to adopt a second tier utility allowance schedule will be allowed to participate.

**PROGRAM MODIFICATIONS:**

None. This program is approved as proposed. There is no need for a revised proposal prior to contract signing.

**PROGRAM BUDGETS AND TARGETS:**

The following table is a summary of some of the key objectives of this program. The proposal should be consulted for a complete description of the program design and objectives.

	Program Budget	Energy Reduction Targets* (kWh)	Demand Reduction Targets* (kW)	Energy Reduction Targets* (Therms)	Number of Housing Authorities Targeted
<b>SCE</b>	\$ 846,234	312,282	366	25,998	Assistance: 4 Implementation: 1
<b>SDG&amp;E</b>	\$ 357,306	131,744	154	10,978	Assistance: 1 Implementation: 1
<b>SoCalGas</b>	\$ 257,894	94,950	111	7,901	Assistance: 1 Implementation: 1
<b>PG&amp;E</b>	\$ 1,104,128	407,232	477	33,899	Assistance: 4 Implementation: 2
<b>TOTAL</b>	\$ 2,565,562	946,208	1108	78,776	Assistance: 10 Implementation: 5

**27. ICF Consulting****Partnership for Energy Affordability in Multi-family Housing – 1211-04**

<b>PROGRAM IMPLEMENTER(S):</b>	ICF Consulting
<b>PROPOSED SUBCONTRACTOR(S):</b>	LISC NPH (incl. California Coalition for Rural Housing) SEI KW Engineers GRID Alternatives Center for Energy and Environment
<b>IOU SERVICE TERRITORY:</b>	PG&E – 1211-04
<b>GEOGRAPHIC AREA:</b>	San Francisco Bay Area Central Valley
<b>TARGET MARKET:</b>	Residential - Multifamily
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E
<b>APPROVED BUDGET</b>	<b>\$ 3,010,017</b>

**PROGRAM DESCRIPTION:**

This is a continuation of a program selected by the Commission for the PY2002 and 2003 funding cycle. It will be run by ICF Consulting, in conjunction with its partners, Non-Profit Housing of Northern California (NPH), the Local Initiatives

Support Corporation (LISC), Strategic Energy Innovations (SEI), the California Coalition for Rural Housing (CCRH), GRID Alternatives and kW Engineering. The Partnership, branded as “Energy Action,” promises to deliver a comprehensive portfolio of technical, financial and training services to developers, owners and managers of affordable multi-family housing in the Bay Area and targeted areas of the Central Valley. The program will offer both prescriptive and customized rebates and short-term financing to eliminate defined barriers to energy efficiency investment that ICF encountered during the 2002-2003 program.

**PROGRAM MODIFICATIONS:**

We eliminate the Public Housing Authority Two-tier Allowance program component as it appears to compete with the primary offering of the Heschong-Mahone (HMG) program (1146-04) that we are also approving for PG&E’s service territory. ICF should redirect the \$54,000 earmarked for that activity to its budget for measure incentives. ICF should make a special effort to coordinate its activities with those of HMG.

**PROGRAM BUDGETS AND TARGETS:**

The following table is a summary of some of the key objectives of this program. The proposal should be consulted for a complete description of the program design and objectives.

<b>Program Budget</b>	<b>Energy Reduction Targets* (kWh)</b>	<b>Demand Reduction Targets* (kW)</b>	<b>Energy Reduction Targets* (Therms)</b>	<b>Other Goals</b>
\$ 3,010,017	1,578,277	1,070	200,902	Audits: 60 Detailed Surveys: 25 On-call Diagnostics: 60 Operations and Maintenance Training: 4 Property Manager Training: 8

**28. Insync Energy in Association with the Cities of San Joaquin County**

**San Joaquin Comprehensive Energy Efficiency Program - 1423-04**

<b>PROGRAM IMPLEMENTER(S):</b>	Insync Energy in Association with the Cities of San Joaquin County
<b>PROPOSED SUBCONTRACTOR(S):</b>	ADM Associates

<b>IOU SERVICE TERRITORY:</b>	PG&E – 1423-04
<b>GEOGRAPHIC AREA:</b>	Targets Cities of Lodi, Manteca, Lathrop, Tracy, and the unincorporated areas of San Joaquin County
<b>TARGET MARKET:</b>	HTR residential and underserved small commercial customers/all customers of target area
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E
<b>APPROVED BUDGET</b>	\$673,246

**PROGRAM DESCRIPTION:**

This program offers one-stop shopping approach to comprehensive energy efficiency program support, including: (1) comprehensive outreach service in partnership with the cities of San Joaquin County; (2) energy audit service; (3) assistance in identification of programs to help implement improvements; (4) assistance in contractor selection; (5) hand-holding through the implementation process; (6) quality assurance checks of installations. Besides these elements the program offers small business seminar and vendor training sessions to facilitate knowledge about energy efficiency benefits, applications and products.

**PROGRAM MODIFICATIONS:**

None

**PROGRAM BUDGETS AND TARGETS:**

Targets for this information-only program include: (1) 500 facility audits; (2) 100 installation Assistance/Quality Checks; (3) 6 small business seminars; (4) 6 local vendor training sessions; (4) events presentations; (5) website information support; (6) four rounds of direct mailers (50,000 each) to targeted audiences

**29. KEMA XENERGY****Enhanced Automation Initiative – 1287-04, 1289-04**

<b>PROGRAM IMPLEMENTER(S):</b>	Kema-Xenergy
<b>PROPOSED SUBCONTRACTOR(S):</b>	
<b>IOU SERVICE TERRITORY:</b>	SCE – 1289-04 PG&E – 1287-04
<b>GEOGRAPHIC AREA:</b>	Territory wide
<b>TARGET MARKET:</b>	Very large non-residential
<b>IOU CONTRACT ADMINISTRATOR:</b>	SCE

<b>APPROVED BUDGET by SERVICE TERRITORY</b>	SCE:	\$ 749,407
	PG&E:	\$ 726,621
	<b>Total:</b>	<b>\$ 1,476,028</b>

**PROGRAM DESCRIPTION:**

This program will promote enhanced automation and more efficient energy management systems (EMS) in large non-residential customers. The targeted customers are office buildings, campuses, public institutions, and schools, and must have over 1 MW of peak demand under an energy management system. The program will promote the most efficient use of the ESM's through marketing, education and training. The program will also provide financial incentives in the form of free EMS assessments, vendor proposal review and stipends, and incentives for EMS reprogramming and or hardware improvements.

**PROGRAM BUDGETS AND TARGETS:**

	Program Budget	Energy Reduction Targets (kWh)	Demand Reduction Targets (kW)	Energy Reduction Targets (Therms)	Hard-to-Reach Targets
<b>SCE</b>	\$ 749,407	3,600,000	1,220	88,000	
<b>PG&amp;E</b>	\$ 726,621	3,600,000	1,220	88,000	
<b>TOTAL</b>	<b>\$ 1,476,028</b>	<b>7,200,000</b>	<b>2,440</b>	<b>176,000</b>	

**30. KEMA XENERGY****Long Beach Business Energy Services Team (BEST) - 1310-04**

<b>PROGRAM IMPLEMENTER(S):</b>	KEMA XENERGY
<b>PROPOSED SUBCONTRACTOR(S):</b>	None
<b>IOU SERVICE TERRITORY:</b>	SCE
<b>GEOGRAPHIC AREA:</b>	Communities in the City of Long Beach
<b>TARGET MARKET:</b>	Hard-to-Reach Small & Very Small Businesses
<b>IOU CONTRACT ADMINISTRATOR:</b>	SCE
<b>APPROVED BUDGET</b>	\$1,649,497

**PROGRAM DESCRIPTION:**

This is a continuation of the 2002-2003 B.E.S.T. incentive program. It will continue a turnkey marketing and implementation process that takes customers

from interest and intent to actual installation of targeted measures that include CFLs (screw-in & hardwired), fluorescent measures (retrofit & delamped), LED exit signs, lighting controls, custom lighting, window film, programmable thermostats, refrigeration measures, and custom electric/gas measures.

**PROGRAM MODIFICATIONS:**

None.

**PROGRAM BUDGET AND TARGETS:**

	Program Budget	Energy Reduction Target (kWh)	Demand Reduction Target (kW))	Energy Reduction Target (Therms)	Hard-to-Reach Target
SCE	\$1,649,497	6,545,232	3,429	20,064	

**31. KEMA-XENERGY**

**EEGOV Business Energy Services (B.E.S.T) Team Program – 1281-04 and 1333-04**

<b>PROGRAM IMPLEMENTER(S):</b>	KEMA-XENERGY	
<b>PROPOSED SUBCONTRACTOR(S):</b>	None	
<b>IOU SERVICE TERRITORY:</b>	SCE – 1333-04 PG&E – 1281-04	
<b>GEOGRAPHIC AREA:</b>	Program to recruit partner cities located in areas other than the LA Basin in SCE service territory. Program to recruit partner cities located in areas other than the San Francisco Bay area or Sacramento in the PG&E service territory	
<b>TARGET MARKET:</b>	Hard-to-reach small and very small businesses (100 kW or less)	
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E	
<b>APPROVED BUDGET by SERVICE TERRITORY</b>	SCE:	\$2,197,377
	PG&E:	\$2,197,377
	<b>Total:</b>	<b>\$4,394,754</b>

**PROGRAM DESCRIPTION:**

This program creates partnerships with cities with a relatively large nonresidential HTR population to expand and strengthen local government programs and promote energy efficiency among small and very small businesses

in the community. The B.E.S.T. program utilizes a turnkey approach in which education, financial incentives and equipment procurement and installation are provided to minimize customer hassle and transaction costs. HTR businesses are targeted to the maximum effect with door-to-door marketing.

Participants are offered high incentives yielding low per-unit costs and a 1-year payback period to install targeted measures such including lighting upgrades, refrigeration measures and custom electric and gas measures. The program will reserve funds per measure category to ensure a mix of measures.

**PROGRAM MODIFICATIONS:**

This program is approved without modification for the SCE and PG&E service territories.

**PROGRAM BUDGETS AND TARGETS:**

	<b>Program Budget</b>	<b>Energy Reduction Targets* (kWh)</b>	<b>Demand Reduction Targets* (kW)</b>	<b>Energy Reduction Targets* (Therms)</b>	<b>Hard-to-Reach Targets</b>
<b>SCE</b>	\$2,197,377	8,711,058	4,563	26,703	66% of participants
<b>PG&amp;E</b>	\$2,197,377	8,711,058	4,563	26,703	66% of participants
<b>TOTAL</b>	<b>\$4,394,754</b>	<b>17,422,116</b>	<b>9,126</b>	<b>53,406</b>	<b>66% of participants</b>

**32. Navigant Consulting, Inc.**

**Prototype Community Energy Efficiency Programs –  
1241-04, 1242-04**

<b>PROGRAM IMPLEMENTER(S):</b>	Navigant Consulting, Inc
<b>PROPOSED SUBCONTRACTOR(S):</b>	
<b>IOU SERVICE TERRITORY:</b>	PG&E – 1241-04 SCE – 1242-04
<b>GEOGRAPHIC AREA:</b>	
<b>TARGET MARKET:</b>	Local governments—counties, cities, and special agencies
<b>IOU CONTRACT ADMINISTRATOR:</b>	SCE
<b>APPROVED BUDGET by</b>	PG&E : \$ 1,473,668

<b>SERVICE TERRITORY</b>	SCE: \$ 1,473,668 <b>TOTAL: \$ 2,947,336</b>
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**PROGRAM DESCRIPTION:**

Navigant Consulting, Inc. will aid local county and city governments to identify, select, and implement programs and policies to promote and achieve aggressive energy efficiency programs. It will also work with selected community agencies and other stakeholders to keep them informed about funding opportunities and innovative legislative initiatives, which can help them increase their control over their energy futures.

**PROGRAM BUDGETS AND TARGETS:**

The program goals for each participating local government include;

- 1) A scoping workshop with a broad group of stakeholders to identify the energy efficiency opportunities available to the local government.
- 2) A screening workshop with a smaller steering committee to develop and refine the energy efficiency programs that are most feasible for the local government
- 3) Year long pilot projects in three diverse local jurisdictions to assist the local government in implementing energy efficiency programs and policies.
- 4) Marketing of the results of the pilot programs and the related Prototype Community Energy Efficiency workbook to other local jurisdictions.

**33. Portland Energy Conservation Inc.****Energy Smart Grocer – 1290-04, 1291-04 and 1314--04**

<b>PROGRAM IMPLEMENTER(S):</b>	Portland Energy Conservation Inc.
<b>PROPOSED SUBCONTRACTOR(S):</b>	Architectural Energy Corporation kW Engineering
<b>IOU SERVICE TERRITORY:</b>	SCE –1290-04 SDG&E – 1291-04 PG&E – 1314-04
<b>GEOGRAPHIC AREA:</b>	Grocers within above service territories, with 10-15% of buildings in rural areas.
<b>TARGET MARKET:</b>	Food handling businesses, including grocers, convenience stores, specialty markets and processors.
<b>IOU CONTRACT ADMINISTRATOR:</b>	SDG&E
<b>APPROVED BUDGET by SERVICE TERRITORY</b>	SCE: \$2,743,888 SDG&E: \$1,166,339 PG&E: \$3,566,307 <b>Total: \$7,476,534</b>

**PROGRAM DESCRIPTION:**

This program provides grocers and food-handling businesses with audits and information to encourage investment in energy efficient equipment. Participants in the approved service territories are provided with individual energy savings reports and the direct installation of CFL's, low-cost refrigeration and vending measures and plug load monitors. The program provides assistance to facility owners who choose to invest in energy efficient technologies, including contractor bidding, technical consultation, rebate processing and ongoing support to contractors to fill service gaps in the grocer industry. This program will coordinate with other programs such as Express Efficiency and Standard Performance Contracting without duplication of efforts.

**PROGRAM MODIFICATIONS:**

This program is approved without modification for the SCE, SDG&E and PG&E service territories.

**PROGRAM BUDGETS AND TARGETS:**

	Program Budget	Energy Reduction Targets* (kWh)	Demand Reduction Targets* (kW)	Energy Reduction Targets* (Therms)	Hard-to-Reach Targets
<b>SCE</b>	\$2,743,888	21,713,534	3,013	NA	10-15% of participants
<b>SDG&amp;E</b>	\$1,166,339	9,229,731	1,281	NA	10-15% of participants
<b>PG&amp;E</b>	\$3,566,307	28,221,676	3,916	NA	10-15% of participants
<b>TOTAL</b>	<b>\$7,476,534</b>	<b>59,164,941</b>	<b>8,210</b>	<b>NA</b>	<b>10-15% of participants</b>

**34. Quantum Consulting, Inc  
California Wastewater Process Optimization Program –  
1159-04, 1165-04**

<b>PROGRAM IMPLEMENTER(S):</b>	Quantum Consulting, Inc.
<b>PROPOSED SUBCONTRACTOR(S):</b>	BacGen Technologies
<b>IOU SERVICE TERRITORY:</b>	PG&E – 1159-04
<b>GEOGRAPHIC AREA:</b>	PG&E (outside of San Francisco Bay Area and Sacramento)

<b>TARGET MARKET:</b>	Non-residential hard-to-reach wastewater treatment facilities
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E
<b>APPROVED BUDGET by SERVICE TERRITORY</b>	PG&E: \$ 1,034,290

**PROGRAM DESCRIPTION:**

This program focuses on bringing energy efficiency savings to wastewater treatment plants, including municipal, institutional, and agricultural facilities, that process up to 15 million gallons per day of wastewater. The program will conduct audits of wastewater treatment facilities, install “hard” monitoring, control, and equipment measures, and train staff in facilities optimization to bring about energy savings at currently energy inefficient wastewater treatment facilities.

**PROGRAM MODIFICATIONS:**

There are no program changes proposed or adopted for 2004 and 2005.

**PROGRAM BUDGETS AND TARGETS:**

	Program Budget	Energy Reduction Targets* (kWh)	Demand Reduction Targets* (kW)	Energy Reduction Targets* (Therms)	Other Targets
PG&E	\$ 1,034,290	5,732,800	586	0	See plan

### 35. Quantum Consulting, Inc Building Tune-Up Program – 1117-04, 1119-04

<b>PROGRAM IMPLEMENTER(S):</b>	Quantum Consulting, Inc.
<b>PROPOSED SUBCONTRACTOR(S):</b>	See Plan
<b>IOU SERVICE TERRITORY:</b>	SCE – 1117-04 PG&E – 1119-04
<b>GEOGRAPHIC AREA:</b>	SCE and PG&E service territory
<b>TARGET MARKET:</b>	Nonresidential, medium and large commercial and industrial buildings
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E
<b>APPROVED BUDGET by SERVICE TERRITORY</b>	SCE: \$ 3,641,526 PG&E: \$ 3,641,526 <b>Total: \$ 7,283,052</b>

**PROGRAM DESCRIPTION:**

This building retro-commissioning program consists of identifying and implementing changes in building operations and related hardware to reduce energy use. The tune-ups involve use of specific test procedures designed to identify and optimize energy performance of a building's existing system.

**PROGRAM MODIFICATIONS:**

There are no program changes proposed or adopted for 2004 and 2005.

**PROGRAM BUDGETS AND TARGETS:**

	Program Budget	Energy Reduction Targets* (kWh)	Demand Reduction Targets* (kW)	Energy Reduction Targets* (Therms)	Other Targets
SCE	\$ 3,641,526	37,295,960	10,228	1,241,850	See Plan
PG&E	\$ 3,641,526	36,713,744	10,068	1,328,718	See Plan
<b>TOTAL</b>	<b>\$ 7,283,052</b>	<b>74,009,104</b>	<b>20,296</b>	<b>2,570,568</b>	

\*Minimum expectations based upon budget, and pending program implementation plan finalization

**36. Redwood Coast Energy Authority****Redwood Coast Regional Comprehensive Energy Information and Education Program – 1416-04**

<b>PROGRAM IMPLEMENTER(S):</b>	Redwood Coast Energy Authority
<b>PROPOSED SUBCONTRACTOR(S):</b>	Local Government Commission K. J. Kammerer & Associates
<b>IOU SERVICE TERRITORY:</b>	PG&E – 1416-04
<b>GEOGRAPHIC AREA:</b>	Humboldt County, including the cities of Arcata, Blue Lake, Eureka, Ferndale, Fortuna, Trinidad, and Rio Dell
<b>TARGET MARKET:</b>	All residential and non-residential PG&E customers in Humboldt County
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E
<b>BUDGET APPROVED</b>	\$953,746

**PROGRAM DESCRIPTION:**

This information-only program provides comprehensive energy efficiency educational services and trainings tailored to local industry and needs. This program will provide a local resource to complement statewide marketing,

educational, and incentive-based programs and to provide energy efficiency information to hard-to-reach residential and non-residential customers in this remote and largely rural county. The Redwood Coast Energy Center, funded through this program, will also help local governments develop policies, ordinances, and incentives to encourage energy efficiency within the county.

**PROGRAM MODIFICATIONS:**

The requested budget is approved in its entirety. The Redwood Coast Energy Authority budgeted \$92,138 for financial incentives for residential measures, which is not appropriate for this education and training program. We therefore require the Redwood Coast Energy Authority to reallocate the \$92,138 to direct implementation and provide a detailed breakdown, with a complete itemization in accordance with the various tasks and activities proposed under the program.

**PROGRAM BUDGETS AND TARGETS:**

Program goals include:

- Conduct at least 14 trainings sessions – four for the public sector, six for businesses, and four for residential customers.
- Have at least 75% of member agencies adopt energy efficiency policies.
- Conduct at least two Title 24 training sessions -- one for permitting officials and one for local industry stakeholders.
- Develop a two-tiered utility allowance and have it adopted by at least one local housing authority.

**37. Richard Heath & Associates, Inc  
Small Nonresidential Energy Fitness Program – 1409-04**

<b>PROGRAM IMPLEMENTER(S):</b>	Richard Heath & Associates, Inc.
<b>PROPOSED SUBCONTRACTOR(S):</b>	
<b>IOU SERVICE TERRITORY:</b>	PG&E – 1409-04
<b>GEOGRAPHIC AREA:</b>	Rural northern Sacramento Valley area - Butte, Glenn, Tehama, Sutter, Yuba, and Shasta counties
<b>TARGET MARKET:</b>	Very small and small, nonresidential hard-to-reach customers
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E
<b>APPROVED BUDGET</b>	<b>\$ 2,000,000</b>

**PROGRAM DESCRIPTION:**

This program is a continuation of RHA’s 2002-2003 program in the northern Sacramento Valley (Chico) area. The program provides direct installation of cost-effective energy conservation measures (lighting, thermostats) at no cost to the target customers. For the 2004-2005 program, RHA will also add air conditioning and tune up operation and maintenance measure to be piloted to owner-occupied businesses to test the programmatic and delivery effectiveness of this measure on 100 split-HVAC units. The Energy Fitness Program will qualify and enroll customers, conduct initial and in-depth energy audits, install cost-effective energy conservation measures, and produce a final Energy Fitness Report. Those who desire to install additional recommended measures will be assisted in finding qualified contractors, locating financing opportunities, and participation in other third-party and utility-sponsored energy programs.

**PROGRAM MODIFICATIONS:**

The program was proposed with a total budget of \$2,966,283. We approve the program at a reduced budget of \$2,000,000, which is comparable to the amount previously authorized in 2002-2003. We require RHA to submit a revised budget with supporting details showing how various cost items were derived. RHA should explain and provide support to the administrative and other labor costs shown in the budget worksheet (e.g., allocation rate and allocation base, if applicable). RHA should also provide breakdown for the financial incentives, installation costs, and incremental measure costs per business shown in the workbook. In addition, RHA should explain its use of a 9-year end-user life (EUL) value to the energy conservation measure package, even though it is comprised of several components such as CFLs, LED Exit Signs, T-8s and electronic ballasts, delamping, and other measures.

**PROGRAM BUDGETS AND TARGETS:**

The following are the energy savings targets for this program.

	<b>Program Budget</b>	<b>Energy Reduction Targets (kWh)*</b>	<b>Demand Reduction Targets (kW)*</b>	<b>Energy Reduction Targets (Therms)</b>
<b>PG&amp;E</b>	\$ 2,000,000	7,341,001	1,540	0

\*Minimum expectations based upon reduced budget, pending program implementation plan finalization

Other program goals include:

Number of Site-Visits	1,680 very small and small, hard-to-reach businesses
Number of Final Energy Fitness Reports	1,680 reports

HVAC Tune-Ups	100 AC Units
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### 38. RLW Analytics Energy Savers Program – 1085-04

<b>PROGRAM IMPLEMENTER(S):</b>	RLW Analytics
<b>PROPOSED SUBCONTRACTOR(S):</b>	Association of Bay Area Governments California Air-conditioning Contractors of America Geltz Communications
<b>IOU SERVICE TERRITORY:</b>	PG&E – 1085-04
<b>GEOGRAPHIC AREA:</b>	Sonoma, Marin, Lake, Solano, and Napa counties
<b>TARGET MARKET:</b>	Very small, small, and medium non-residential
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E
<b>BUDGET APPROVED</b>	\$2,549,436

#### PROGRAM DESCRIPTION:

This incentive-based program provides energy audits and efficiency measures for very small, small and some medium-sized businesses. Comprehensive energy audits are free for program participants. Matching funds are provided for installation of energy efficient lighting and programmable thermostats, tune-ups of air-conditioners and refrigeration systems, and replacement of heating, ventilation, and air-conditioning (HVAC) systems for the small number of customers with failing units. Very small and small businesses will be the primary targets for all aspects of this program and only these customers will be eligible for HVAC replacement, thermostat, and refrigeration measures.

#### PROGRAM MODIFICATIONS:

No modifications are required.

#### PROGRAM BUDGETS AND TARGETS:

Program Budget	Energy Reduction (kWh)	Demand Reduction (kW)	Free Audits	Hard-to-Reach Targets
\$2,549,436	7,072,625	2,416	1,000	80% of customers

### 39. Robert Mowris & Associates RCA (Refrigerant Charge and Airflow) Verification Program for New Air Conditioners – 1385-04, 1395-04, 1437-04

<b>PROGRAM IMPLEMENTER(S):</b>	Robert Mowris & Associates
<b>PROPOSED SUBCONTRACTOR(S):</b>	Alpen Software (for software, database, information) Barry Goldstein (for incentive fulfillment)
<b>IOU SERVICE TERRITORY:</b>	SCE – 1385-04 PG&E – 1395-04 SDG&E – 1437-04
<b>GEOGRAPHIC AREA:</b>	SCE, PG&E & SDG&E service territories with large peak cooling loads that would benefit most from AC efficiency improvement
<b>TARGET MARKET:</b>	HVAC Contractors for hard-to-reach (HTR) Residential and Small Commercial Customers
<b>IOU CONTRACT ADMINISTRATOR:</b>	SCE
<b>APPROVED BUDGET</b>	SCE: \$ 604,640 PG&E: \$ 808,539 SDG&E: \$ 254,621 <b>Total: \$1,667,800</b>

**PROGRAM DESCRIPTION:**

This is a hardware/incentive program that provides in-field training and upstream incentives to air conditioner contractors. The program includes computer diagnostic software that quickly determines whether or not there is a problem with RCA and then provides expert recommendations for correcting problems.

**PROGRAM MODIFICATION:**

None.

**PROGRAM BUDGETS AND TARGETS:**

	<b>Program Budget</b>	<b>Energy Reduction Target* (kWh)</b>	<b>Demand Reduction Target* (kW)</b>	<b>Energy Reduction Target* (Therms)</b>
SCE	\$ 604,640	5,471,720	4,194	0
PG&E	\$ 808,539	4,510,520	4,009	0
SDG&E	\$ 254,621	5,678,200	5,796	0
<b>Total</b>	<b>\$1,667,800</b>	<b>15,660,440</b>	<b>13,999</b>	<b>0</b>

**40. SBW Consulting, Inc.****Compressed Air Management Program (CAMP) – 1229-04**

<b>PROGRAM IMPLEMENTER(S):</b>	SBW Consulting, Inc.
<b>PROPOSED SUBCONTRACTOR(S):</b>	Accurate Air Engineering Compression Engineering Corp. Ridge and Associates Equipoise
<b>IOU SERVICE TERRITORY:</b>	PG&E - 1229-04
<b>GEOGRAPHIC AREA:</b>	PG&E service territory
<b>TARGET MARKET:</b>	Nonresidential, industrial customers with electric service of 500kW or greater
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E
<b>APPROVED BUDGET</b>	<b>\$ 1,500,000</b>

**PROGRAM DESCRIPTION:**

This program is a continuation of the PY 2002-03 Compressed Air Management Program (CAMP) serving large non-residential (primarily manufacturing) customers in the PG&E service territory. CAMP offers free measurement-based performance assessment of compressed air systems. The assessment provides specific recommendations to plant operators and technical follow-up support to help motivate adoption of these recommendations. These recommendations show plant operators how they can achieve and sustain large improvements in the efficiency of their compressed air systems through a combination of capital improvements and better operating and maintenance practices.

**PROGRAM MODIFICATIONS:**

There are no program changes proposed or adopted for 2004 and 2005.

**PROGRAM BUDGETS AND TARGETS:**

	Program Budget	Energy Reduction Targets* (kWh)	Demand Reduction Targets* (kW)	Energy Reduction Targets* (Therms)	Other Targets
<b>TOTAL</b>	<b>\$ 1,500,000</b>	<b>10,900,848</b>	<b>960</b>	<b>NA</b>	<b>See Plan</b>

\*Minimum expectations based upon reduced budget, and pending program implementation plan finalization

#### **41. San Diego Regional Energy Partnership San Diego Energy Resource Center - 1303-04**

<b>PROGRAM IMPLEMENTER(S):</b>	San Diego Regional Energy Partnership
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<b>PROPOSED SUBCONTRACTOR(S):</b>	KEMA-XENERGY City of San Diego
<b>IOU SERVICE TERRITORY:</b>	SDG&E – 1303-04
<b>GEOGRAPHIC AREA:</b>	SDG&E Service Territory
<b>TARGET MARKET:</b>	Crosscutting – Information and Education
<b>IOU CONTRACT ADMINISTRATOR:</b>	SDG&E
<b>APPROVED BUDGET by SERVICE TERRITORY</b>	SDG&E: \$ 2,403,560

**PROGRAM DESCRIPTION:**

The SDERC was created under the auspices of the California Public Utilities Commission in the 2002/2003 funding cycle as San Diego's first one-stop energy information source. The SDERC provides energy information to residential and nonresidential market segments and acts as a conduit for all entities that offer public purpose programs. Additional funding will be used to add new customer-requested features and augment the current offerings. The new features include Community Outreach and Technical Assistance.

The SDERC currently features an energy Learning Center, Technology Center and online resources. SDERC staff includes energy professionals who provide energy efficiency information and assistance via a telephone hotline, e-mail, and in-person.

**PROGRAM MODIFICATIONS:**

None. The program is approved as proposed.

## **42. San Diego Regional Energy Partnership San Diego Regional Cool Communities Shade Tree Program – 1306-04**

<b>PROGRAM IMPLEMENTER(S):</b>	San Diego Regional Energy Partnership
<b>PROPOSED SUBCONTRACTOR(S):</b>	People for Trees
<b>IOU SERVICE TERRITORY:</b>	SDG&E –1306-04
<b>GEOGRAPHIC AREA:</b>	San Diego County
<b>TARGET MARKET:</b>	Crosscutting: Residential and Small Nonresidential

	Comprehensive Retrofit
<b>IOU CONTRACT ADMINISTRATOR:</b>	SDG&E
<b>APPROVED BUDGET by SERVICE TERRITORY</b>	SDG&E: \$1,864,924

**PROGRAM DESCRIPTION:**

This is a continuation of a program approved by the Commission for program years 2002 and 2003. The primary objective of this program is to plant 17,000 trees throughout San Diego County by the end of 2005. People for Trees (PFT) and cities throughout the County will assist SDREO in facilitating and supporting shade tree planting in residential neighborhoods and on school grounds throughout the entire county. The proposed shade tree program is designed to work primarily through San Diego based community and volunteer organizations such as People for Trees. The program seeks to educate residential customers about the energy saving benefits of trees and organize community tree plantings in large groups (100 per event- average) with a total goal of 17,000 trees over a two-year period. The basis as well as guidelines for this local shade tree program have been developed through analysis of similar programs implemented in other parts of the state including the Los Angeles Department of Water and Power's (LADWP) Trees for a Green LA and the Sacramento Municipal Utility District's (SMUD) Sacramento Shade Tree Program. Program modifications have been made based on SDREO's experience with their 2002-2003 SDREO Cool Communities Shade Tree Program.

**PROGRAM MODIFICATIONS:**

None. The program is approved as proposed.

**PROGRAM BUDGETS AND TARGETS:**

The following table is a summary of some of the key objectives of this program. The proposal should be consulted for a complete description of the program design and objectives.

	Program Budget	Energy Reduction Targets* (kWh)	Demand Reduction Targets* (kW)	Number of Trees to be Planted
<b>SDG&amp;E</b>	\$1,864,924	2,104,752	2,429	17,000

### **43. San Diego Regional Energy Partnership Local Government Program – 1301-04**

<b>PROGRAM IMPLEMENTER(S):</b>	San Diego Regional Energy Partnership
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<b>PROPOSED SUBCONTRACTOR(S):</b>	
<b>IOU SERVICE TERRITORY:</b>	SDG&E – 1301-04
<b>GEOGRAPHIC AREA:</b>	San Diego County
<b>TARGET MARKET:</b>	Non-residential businesses and government facilities
<b>IOU CONTRACT ADMINISTRATOR:</b>	SDG&E
<b>BUDGET APPROVED</b>	\$2,500,000

**PROGRAM DESCRIPTION:**

This program will provide rebates for energy efficiency upgrades to city and county owned government buildings in San Diego County. The rebates will be structured on a per kWh or per therm basis, and will be provided only upon calculation of energy savings each retrofitted site. Expected retrofit measures rebated under this program include but are not limited to, lighting, HVAC, and operational upgrades.

**PROGRAM MODIFICATIONS:**

This program should develop a coordinated budget with the SDREP Technical Assistance Program to ensure the most efficient expenditure of incentive versus information/outreach/technical assistance funds. This program should also coordinate closely with all the non-residential incentive programs in the San Diego area to ensure that there is no overlap or double dipping between programs.

This program should coordinate with SDG&E’s Energy Saver Bid program to ensure there is no overlap in the government facilities they are both targeting.

**PROGRAM BUDGETS AND TARGETS:**

	<b>Program Budget</b>	<b>Energy Reduction Targets* (kWh)</b>	<b>Demand Reduction Targets* (kW)</b>	<b>Energy Reduction Targets* (Therms)</b>	<b>Hard-to-Reach Targets</b>
<b>SDG&amp;E</b>	\$2,500,000	4,005,335	401	106,809	

\*Minimum expectations based upon reduced budget, pending program implementation plan finalization

**44. San Diego Regional Energy Partnership  
Green Action – 1300-04**

<b>PROGRAM</b>	San Diego Regional Energy Partnership
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<b>IMPLEMENTER(S):</b>	
<b>PROPOSED SUBCONTRACTOR(S):</b>	City of San Diego
<b>IOU SERVICE TERRITORY:</b>	SDG&E – 1300-04
<b>GEOGRAPHIC AREA:</b>	San Diego County
<b>TARGET MARKET:</b>	Crosscutting – High School Students
<b>IOU CONTRACT ADMINISTRATOR:</b>	SDG&E
<b>APPROVED BUDGET</b>	\$ 352,701

**PROGRAM DESCRIPTION:**

The GREEN ACTION Program is based on the City of San Diego’s existing “Green Schools” Program. This program will work with local high school students and work toward teaching them the importance of energy conservation and the societal impacts from greenhouse gas emissions. The program consists of energy education workshops, energy audit training, direct implementation of energy audits, a youth forum, and a survey designed to compare audience perception with fact regarding energy conservation. The GREEN ACTION Program will expand the current “Green Schools” Program to invite the County of San Diego and the cities of Chula Vista, Oceanside, Escondido, and Carlsbad to participate. Experienced City of San Diego staff will offer “Train the Trainer” workshops to aid the new partners as they begin implementing the program in their jurisdictions.

**PROGRAM MODIFICATIONS:**

None. This program is approved as proposed.

**PROGRAM BUDGETS AND TARGETS:**

The following table is a summary of some of the key objectives of this program. The proposal should be consulted for a complete description of the program design and objectives.

	<b>Program Budget</b>	<b>Number of High School Students Targeted</b>	<b>Number of High Schools Targeted</b>	<b># of Audits</b>	<b># of Community Service Projects</b>
<b>SDG&amp;E</b>	\$ 352,701	2,000	40	40	40

**45. San Diego Regional Energy Partnership/San Diego Regional Energy Office (SDREO)  
The Green Building Education and Technical Assistance (GBETA) Program – 1299-04**

<b>PROGRAM IMPLEMENTER(S):</b>	San Diego Regional Energy Partnership/San Diego Regional Energy Office (SDREO)
<b>PROPOSED SUBCONTRACTOR(S):</b>	KEMA XENERGY
<b>IOU SERVICE TERRITORY:</b>	SDG&E – 1299-04
<b>GEOGRAPHIC AREA:</b>	San Diego Gas and Electric service territory, including all of San Diego County and the southern portion of Orange County
<b>TARGET MARKET:</b>	Public and private sector green building projects: focus on non-residential facilities including public agency buildings, such as libraries, fire stations, courthouses and community centers, as well as targeted private sector commercial facilities
<b>IOU CONTRACT ADMINISTRATOR:</b>	SDG&E
<b>APPROVED BUDGET</b>	\$ 423,966

**PROGRAM DESCRIPTION:**

The Green Building Education and Technical Assistance (GBETA) Program is an information program providing training, design assistance and technical support for public and private sector green building projects. The program would promote long-term sustainable energy use and peak demand savings by supplementing existing municipal green building program implementation efforts in the San Diego region. The GBETA Program would include both a residential and non-residential component for new construction and major renovation building projects in the San Diego Gas and Electric Company service area. The focus on non-residential facilities would include public agency buildings, such as libraries, fire stations, courthouses and community centers, as well as targeted private sector commercial facilities. The residential focus would target multi-family and affordable housing projects as well as new construction single-family home developments.

**PROGRAM MODIFICATIONS:**

None

**PROGRAM BUDGETS AND TARGETS:**

Targets: The Green Building Program stated goals are as follows: (1) 21 training workshops - building professionals and municipal staff (project managers, plan

checkers, building inspectors); (2) 20 Base Level Technical Assistance Projects; (3) Minimize participants information and search costs; (4) Lower the participants “first cost”; (5) Educate public on benefits of building and buying “Green.” SDREO expects to measure success through participation in trainings, number of Technical Assistance Projects and customer satisfaction.

Budget: \$423,966

#### **46. San Francisco Community Power Cooperative Efficiency on Wheels – 1083-04**

<b>PROGRAM IMPLEMENTER(S):</b>	San Francisco Community Power Cooperative
<b>PROPOSED SUBCONTRACTOR(S):</b>	Good Samaritan Family Resource Center North of Market Planning Coalition The Regeneration Project Center Hardware 99 Cent Store
<b>IOU SERVICE TERRITORY:</b>	PG&E – 1083-04
<b>GEOGRAPHIC AREA:</b>	Six San Francisco Communities/Zip Codes: Tenderloin (94102), South of Market (94103), Potrero (94107), Mission (94110), Bayview-Hunters Point (94124), Visitacion Valley, Portola, and Excelsior (94134)
<b>TARGET MARKET:</b>	Crosscutting: Residential, Business and Schools
<b>IOU CONTRACT ADMINISTRATOR:</b>	PG&E
<b>APPROVED BUDGET</b>	\$ 853,753

#### **PROGRAM DESCRIPTION:**

This program is designed to run as a sixteen-month energy efficiency program in low-income, hard-to-reach areas of San Francisco. This two-year program will directly install occupancy sensors, vending misers, programmable thermostats, and other energy-saving items as needed depending on each individual case. The program will also educate communities on energy efficiency options for homes and businesses. In the first year of operation, the program will conduct outreach efforts to targeted communities, including marketing energy efficiency programs offered by others (e.g., Pacific Gas and Electric Company), and will implement Power Co-op’s “Energy Efficiency on Wheels,” in which trained program staff will work targeted neighborhoods, in a manner that they characterize as “similar to an old-fashioned ice cream truck.” The Energy

Efficiency on Wheels program will directly serve participants' homes and businesses; as well as visit schools and events to distribute energy efficient items. In the second year outreach and implementation efforts will continue, and replicable models will be developed for adoption by other communities.

**PROGRAM MODIFICATIONS:**

A revised proposal will need to be submitted that makes the following changes before a contract is entered by the administering IOU. 1) It appears that this program will only be made available to Power Coop members. While it is acceptable for the implementer to target its initial marketing efforts at Coop members, otherwise eligible customers must be allowed to participate in the program.

- 2) Not all of the energy savings assumptions are well-documented. An assumption that needs further documentation, and likely adjustment, is that power strips will be used to turn off equipment 70% of the time.
- 3) In addition, labor rates appear to be loaded. These will need to be broken out according to the current reporting requirements.

**PROGRAM BUDGETS AND TARGETS:**

The following table is a summary of some of the key objectives of this program. The proposal should be consulted for a complete description of the program design and objectives.

	<b>Program Budget</b>	<b>Energy Reduction Targets* (kWh)</b>	<b>Demand Reduction Targets* (kW)</b>	<b>Energy Reduction Targets* (Therms)</b>	<b>Hard-to-Reach Targets</b>
<b>PG&amp;E</b>	\$ 853,753	3,904,800	901	91,200	100%

\*Minimum expectations based upon reduced budget, pending program implementation plan finalization

**47. SESCO, Inc.**

**Gas Only Multi-Family Program - South – 1338-04**

<b>PROGRAM IMPLEMENTER(S):</b>	SESCO, Inc.
<b>PROPOSED SUBCONTRACTOR(S):</b>	Energx Controls, Inc. Quality Conservation Services, Inc.
<b>IOU SERVICE TERRITORY:</b>	SoCalGas – 1338-04
<b>GEOGRAPHIC AREA:</b>	<b>Non-IOU Electric Service Areas:</b> City of Anaheim, City of Azusa, City of Banning, City of Burbank, City of Colton, City of Glendale, City of Lompoc, City of Pasadena, City of Riverside, City of Vernon, Imperial Irrigation District, Los Angeles DWP, Southern California

	Water Co.
<b>TARGET MARKET:</b>	Residential - Multifamily
<b>IOU CONTRACT ADMINISTRATOR:</b>	SoCalGas
<b>APPROVED BUDGET</b>	<b>\$ 2,472,643</b>

**PROGRAM DESCRIPTION:**

This is a hardware program that will provide gas energy savings assistance for the hard-to-reach multifamily (MF) market category of those customers of Southern California Gas Company (SoCalGas) which are **not** located within the service area of an IOU electric company. The Gas-Only Multifamily Program will provide for **comprehensive** residential energy efficiency renovations and retrofits by offering cash incentives and services to apartment tenants and owner/operators for the installation of all energy efficiency measures that SoCalGas has determined in its recent filings to be cost-effective under its evaluation of this market. To assure that the program primarily benefits the tenants, property owners will be **required to install all cost-effective gas savings “tenant” measures** within the dwellings in order to receive any “common area” incentives.

**PROGRAM MODIFICATIONS:**

The budget for this program was cut from that proposed and a proportional adjustment was made to the therms savings goal. As was required when this program ran during PY2002 and 2003, no more than a combined total of 50% of expenditures on incentives may go toward the replacement of faucet aerators and showerheads. This revision along with specifications for the measures that will be installed as well as those that are eligible to be replaced must also be included in a revised proposal before the administering IOU is authorized to enter a contract for this program.

**PROGRAM BUDGETS AND TARGETS:**

The following table is a summary of some of the key objectives of this program. The proposal should be consulted for a complete description of the program design and objectives.

	<b>Program Budget</b>	<b>Energy Reduction Targets* (kWh)</b>	<b>Demand Reduction Targets* (kW)</b>	<b>Energy Reduction Targets* (Therms)</b>
<b>SoCalGas</b>	\$2,472,643	0	0	1,190,953

\*Minimum expectations based upon reduced budget, pending program implementation plan finalization