



ABAG POWER Executive Committee Meeting No. 2012-02
April 18, 2012, 2012 (12 Noon - 2:00 p.m.)
Association of Bay Area Governments
101 Eighth Street, Conference Room B
Oakland, CA 94607

AGENDA*

1. **Welcome and Introductions**
2. **Public Comments**
3. **Approve Summary Minutes of Executive Committee Meeting**
Action:
ATTACHMENT 3A – SUMMARY MINUTES OF FEBRUARY 15, 2012
4. **Report on Natural Gas Program**
Information: Staff will review recent gas operations, including gas purchases; the program's long-term hedge position; gas imbalances; and other miscellaneous program items.
ATTACHMENT 4A – MONTHLY SUMMARY OF OPERATIONS FY 11-12
ATTACHMENT 4B – GAS HEDGE CHART
ATTACHMENT 4C – MARKET PRICE CHART 2000-PRESENT
ATTACHMENT 4D – MARKET PRICE CHART (3 YR)
5. **Contract Extension for Natural Gas Scheduling**
Action: Take action on staff recommendation to extend the gas scheduling services contract with Golden Valley Gas Services.
ATTACHMENT 5A – CONTRACT EXTENSION MEMO
6. **Preliminary FY2012-13 Budget**
Action: Staff will review a preliminary budget for FY2012-13.
ATTACHMENT 6A – PRELIMINARY 2012-13 OPERATING BUDGET
7. **Retrofit Bay Area (Energy Upgrade California) Lessons Learned**
Information: Staff will provide an end-of-program review.
ATTACHMENT 7A – SUCCESSES & POLICY RECOMMENDATIONS
8. **ABAG Energy Programs Update**
Information: Staff will update members on the status of the following programs:
 - ABAG Green Communities (Partnership with PG&E)
 - Energy Upgrade California (Retrofit Bay Area)
 - DOE Better Buildings Program
 - Electric Vehicle (EV) ProjectsATTACHMENT 8A – ABAG ENERGY PROGRAMS
9. **Other Business**

Continued ... Page 2



ABAG POWER Executive Committee Meeting No. 2012-02
April 18, 2012, 2012 (12 Noon - 2:00 p.m.)

AGENDA*

10. Closed Session

The following item will be discussed in closed session, pursuant to the requirements of the Ralph M. Brown Act. All reportable actions taken will be announced in open session prior to the adjournment of the meeting.

- (a) Conference With Legal Counsel—Anticipated Litigation, Govt. C. Sec. 54956.9(c)
Initiation of litigation pursuant to subdivision (c) of Section 54956.9: One Case.

11. Adjournment

*The Committee may take action on any item on this agenda

MEMORANDUM

ASSOCIATION OF BAY AREA GOVERNMENTS

Representing City and County Governments of the San Francisco Bay Area

Attachment 3A



SUMMARY MINUTES

ABAG Power Executive Committee

Regular Meeting 2012-01

February 15, 2012

Metro Center, ABAG's Conference Room B

101 8th Street, Oakland, CA 94607

WELCOME AND INTRODUCTIONS

Chairman Chris Schroeder opened the meeting with introductions at 12:00 Noon.

Committee Representatives

Mark Armstrong
Ron Popp
Chris Schroeder (Chair)
Richard Sealana (Vice-Chair)

Jurisdictions

City of Santa Rosa
City of Millbrae
City of Milpitas
City of Union City

Committee Representatives Absent

Angela Rush
Laura Ryan

City of Richmond
City of Pleasanton

Staff Present

Jerry Lahr
Vina Maharaj
Ken Moy
Herb Pike

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PUBLIC COMMENTS & ANNOUNCEMENTS

There were no public comments.

APPROVAL OF SUMMARY MINUTES OF DECEMBER 14, 2011

Motion was made by Sealana/S/Popp/C/4:0:0 to approve the corrected Summary Minutes of December 14, 2011 Executive Committee Meeting. The correction on page 2, under "Audited Financial report FY 2010-11" to read "*The auditors completed their audit of FY 2010-11 Financial Report with no reportable findings.*"

MEMORANDUM

ASSOCIATION OF BAY AREA GOVERNMENTS

Representing City and County Governments of the San Francisco Bay Area

Attachment 3A



REPORT ON NATURAL GAS PROGRAM

Monthly Summary of Operations FY 11-12

Lahr provided the members with the Monthly Summary of Operations report for FY 2011-12. He updated the members on the percentage savings comparison with PG&E. The cumulative savings from July to December, 2011 is 3.5% in comparison with PG&E.

Gas Hedge Chart

Lahr explained the various long and short term gas purchases which were reflected on the Gas Hedge Chart. He mentioned the newest package, priced at \$3.74 for a period of two years starting in July, 2012.

Market Price Chart 2000-Present

Lahr provided the members with a longer term look at the trend of gas prices, going back a decade. There were fairly big spike in prices throughout the decade, however, prices mainly remained at around \$6.00/Dth.

Market Price Chart (3-year)

Lahr mentioned that the gas portion of the costs (gas prices) are significantly lower than what was budgeted for this current fiscal year, FY 2011-12.

ABAG POWER Monthly Invoice & Backup Detail Report - Online

Lahr provided an update on the online monthly invoice and backup detail report project. There was discussion about the challenges of ABAG POWER providing and members receiving complete electronic billing services at this time.

Gas Storage

Lahr mentioned finalizing the previously executed 2009 storage services agreement with Wild Goose Storage for a term April 1, 2012 to March 31, 2013 for base load storage service for 80% of the program's storage needs. The storage cycle for ABAG POWER is from April through March. Currently, the program is ending a storage cycle, meaning pulling gas out of storage. ABAG POWER continues to retain a 20% storage service provided by PG&E.

Gas Scheduling Contract with Golden Valley Gas Services

The previously extended Gas Scheduling Services Agreement between Golden Valley Gas Services, Inc. (GVGS) and ABAG POWER is expiring on June 30, 2012. This item will be presented to the committee at the June meeting.

Credit Requirements with PG&E

ABAG POWER has an approved credit line with PG&E for \$2 million. Their calculated credit requirement for ABAG POWER is currently \$1.7 million. There is a possibility that the credit requirement for ABAG POWER will increase during the coming months due to the new pipeline allocation requirements. Lahr/Pike suggested various methods for resolving future credit issues with PG&E.

MEMORANDUM

ASSOCIATION OF BAY AREA GOVERNMENTS

Representing City and County Governments of the San Francisco Bay Area

Attachment 3A



FY 2010-11 AUDITED FINANCIAL STATEMENTS

The Audited Financial Statements for the year ending June 30, 2011 were presented to the committee for approval.

Motion was made by Popp/S/Sealana/C/4:0:0 to approve the FY 2010-11 Audited Financial Statements.

ABAG ENERGY PROGRAMS UPDATE

The status, program goals, description and other particulars about each of ABAG's Energy Programs were provided to members as Agenda Item 6A.

Lahr mentioned that the Retrofit Bay Area program contract will officially terminate April 30, 2012.

CLOSED SESSION

Conference With Legal Counsel—Anticipated Litigation, Govt. C. Sec. 54956.9(c)
Initiation of litigation pursuant to subdivision (c) of Section 54956.9: One Case

There were no reportable action items from the closed session

ADJOURNMENT

Chairman Schroeder adjourned the meeting at 1:05 p.m.

/vm

*Example of a motion – *[Member No. 1/S/Member No. 2/roll call vote/C/8:0:0]* means Member No.1 motions, seconded by Member No.2, after roll call vote, motion carries, 8 = “yes” votes, 0 = “no” votes and 0 = abstention.

Agenda Item 4A

ABAG POWER Natural Gas Program

FY 2011-12 Monthly Summary of Operations

	days/mo.	Jul 31	Aug 31	Sep 30	Oct 31	Nov 30	Dec 31	Jan 31	Feb 29	Mar 31	Apr 30	May 31	Jun 30	Total
Gas Purchases⁽¹⁾														
Purchase 1	Qty	15,500	15,410	15,000	15,500	15,000	15,500	15,500	14,500	15,500	15,000	15,500	15,000	182,910
	Price	\$4.47	\$4.47	\$4.47	\$4.47	\$4.47	\$4.47	\$4.47	\$4.47	\$4.47	\$4.24	\$4.24	\$4.24	
Purchase 2	Qty	15,500	15,500	15,000	15,500	15,000	15,500	15,500	14,500	15,500	15,000	15,500	15,000	183,000
	Price	\$5.90	\$5.90	\$5.90	\$5.90	\$5.90	\$5.90	\$5.90	\$5.90	\$5.90	\$5.90	\$5.90	\$5.90	
Purchase 3	Qty	25,699	25,457	24,810	25,637	15,000	26,350	29,450	27,550	25,699				225,652
	Price	\$4.28	\$4.16	\$3.81	\$3.78	\$3.87	\$3.88	\$3.42	\$3.04	\$2.46				
Purchase 4	Qty	7,675	7,950	5,475	17,750	28,400	43,000	30,825	18,225	15,325				174,625
	Price	\$4.62	\$4.31	\$4.33	\$3.76	\$3.89	\$3.61	\$3.15	\$2.91	\$2.56				
Purchase 5	Qty													0
	Price													
Total Quantity Purchased		64,374	64,317	60,285	74,387	73,400	100,350	91,275	74,775	72,024	30,000	31,000	30,000	766,187
Total Purchase Cost		\$306,088	\$300,452	\$273,604	\$324,131	\$324,055	\$418,332	\$358,414	\$287,085	\$262,965	\$152,025	\$157,093	\$152,025	\$3,316,269
Backbone Shrinkage (Dths)		(341)	(350)	(330)	(341)	(150)	(155)	(155)	(145)	(434)				
Weighted Avg. Cost of Gas (WACOG) ⁽²⁾		\$4.78	\$4.70	\$4.56	\$4.38	\$4.42	\$4.18	\$3.93	\$3.85	\$3.67	\$5.07	\$5.07	\$5.07	\$4.33
Storage/Inventory														
Total Injections/ (Withdrawals)		9,300	9,288	9,000	9,188	(10,000)	(12,000)	(15,000)	(13,550)	(13,473)				(27,247)
Total Inventory Quantity (Dths)		51,547	60,835	69,835	79,023	69,023	57,023	42,023	28,473	15,000				
Total Inventory (\$)		\$256,474	\$300,100	\$341,167	\$381,382	\$334,912	\$279,148	\$209,443	\$146,477	\$83,895				
Avg. Inventory Rate (\$/Dth)		\$4.98	\$4.93	\$4.89	\$4.83	\$4.85	\$4.90	\$4.98	\$5.14	\$5.59				
Gas Program Monthly Expenses (from Financial Reports)														
Cost of Energy Used ⁽³⁾		\$ 277,804	\$ 272,898	\$ 248,568	\$ 300,019	\$ 380,990	\$ 484,662	\$ 438,658	\$ 360,458					\$ 2,764,058
Program Operating Expenses ⁽⁴⁾		24,857	30,825	33,509	31,786	26,620	29,912	17,716	27,889					223,114
Subtotal		\$ 302,662	\$ 303,723	\$ 282,077	\$ 331,805	\$ 407,610	\$ 514,574	\$ 456,374	\$ 388,347	\$ -	\$ -	\$ -	\$ -	\$ 2,987,172
Rate (\$/Dth)		\$5.46	\$5.16	\$5.05	\$5.09	\$4.91	\$4.70	\$4.63	\$4.36					\$4.85
PG&E Pass-through costs ⁽⁵⁾		141,345	132,446	161,639	128,089	285,042	255,878	375,059	339,782					1,819,281
Total ABAG POWER Cost		\$ 444,007	\$ 436,169	\$ 443,716	\$ 459,894	\$ 692,653	\$ 770,453	\$ 831,433	\$ 728,129					\$ 4,806,452
Actual (metered) Gas Usage														
Core ⁽⁶⁾		43,329	45,552	44,413	52,793	74,223	99,097	88,957	80,114					528,478
Non Core		12,061	13,362	11,480	12,429	8,726	10,279	9,566	8,961					86,864
Total Program Usage		55,391	58,914	55,892	65,222	82,949	109,376	98,523	89,074	0	0	0	0	615,343
ABAG POWER Total Core Rate		\$ 8.73	\$ 8.06	\$ 8.69	\$ 7.51	\$ 8.75	\$ 7.29	\$ 8.85	\$ 8.60					
PG&E Rate⁽⁷⁾														
Procurement Charge ⁽⁸⁾		6.20	5.66	5.59	5.15	4.89	5.00	4.75	5.05	3.74	3.22			
Transportation/Other Charge ⁽⁹⁾		3.26	2.91	3.64	2.43	3.84	2.58	4.22	4.24					
Total PG&E Rate		\$ 9.47	\$ 8.57	\$ 9.23	\$ 7.58	\$ 8.73	\$ 7.58	\$ 8.97	\$ 9.30	\$ 3.74	\$ 3.22	\$ -	\$ -	
Rate Comparison														
Monthly Rate Difference (\$/Dth)		(0.74)	(0.50)	(0.55)	(0.07)	0.02	(0.29)	(0.12)	(0.69)					
Monthly Savings (\$)		32,058	22,998	24,259	3,554	(1,766)	28,905	10,627	55,654					
Cumulative 'Savings' (\$)		32,058	55,056	79,315	82,868	81,103	110,008	120,635	176,289					
Cumulative 'Savings' (%)		7.8%	6.9%	6.6%	5.1%	3.6%	3.7%	3.2%	3.9%					

ABAG POWER Natural Gas Program

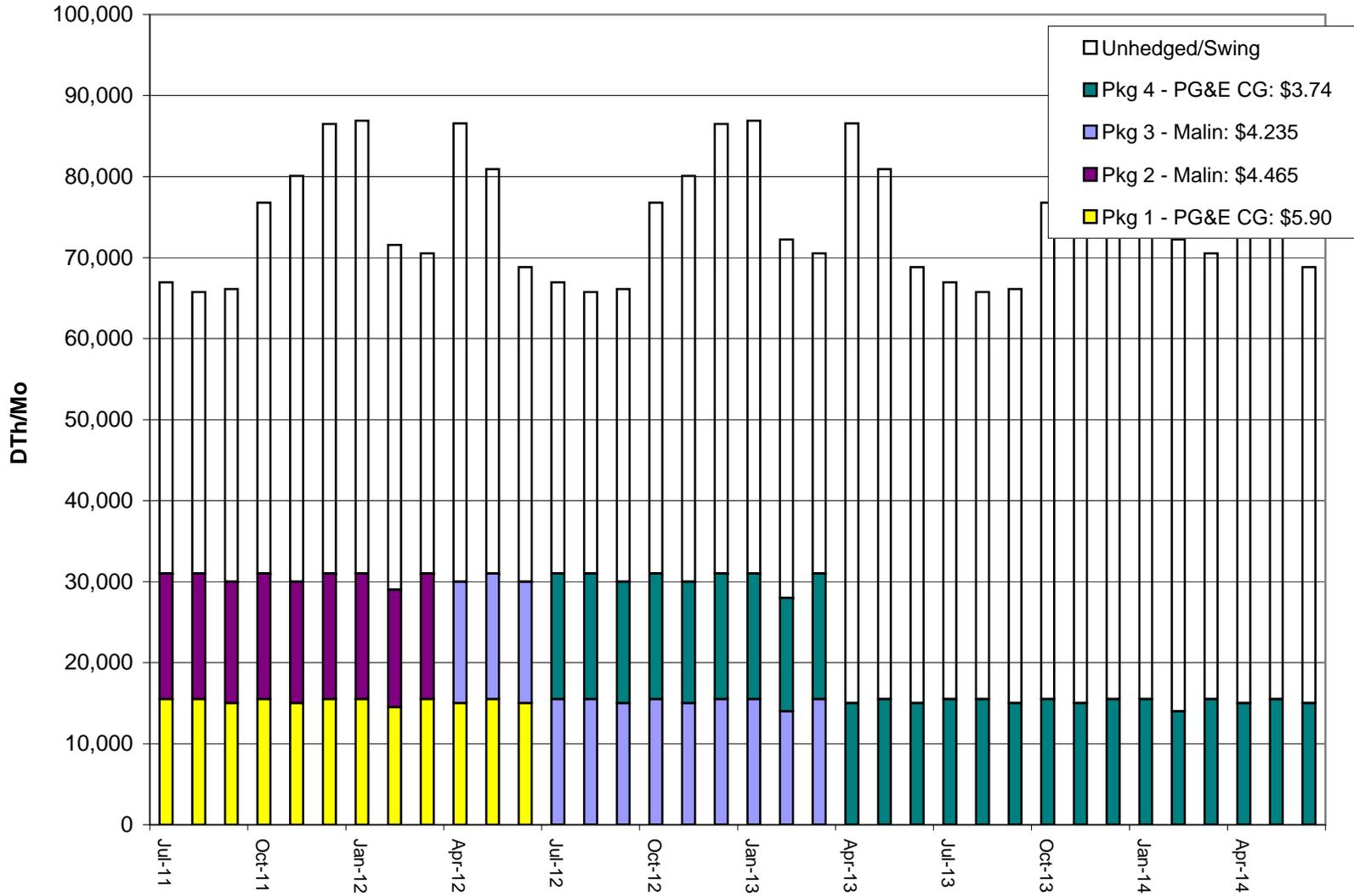
FY 2011-12 Monthly Summary of Operations

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
<u>Storage Gas Accounting</u>													
Beginning Quantity	42,247												
Average Price	\$5.02												
Monthly Index Postings													
NGI Bidweek for PG&E Citygate	\$4.60	\$4.54	\$4.19	\$4.15	\$3.86	\$3.87	\$3.41	\$3.03	\$2.83	\$2.50			
Gas Daily Avg. for PG&E Citygate	\$4.60	\$4.30	\$4.29	\$3.74	\$3.86	\$3.60	\$3.11	\$2.91	\$2.52				
NGI Bidweek for Malin	\$4.26	\$4.14	\$3.79	\$3.76	\$3.51	\$3.52	\$3.16	\$2.70	\$2.44	\$2.04			

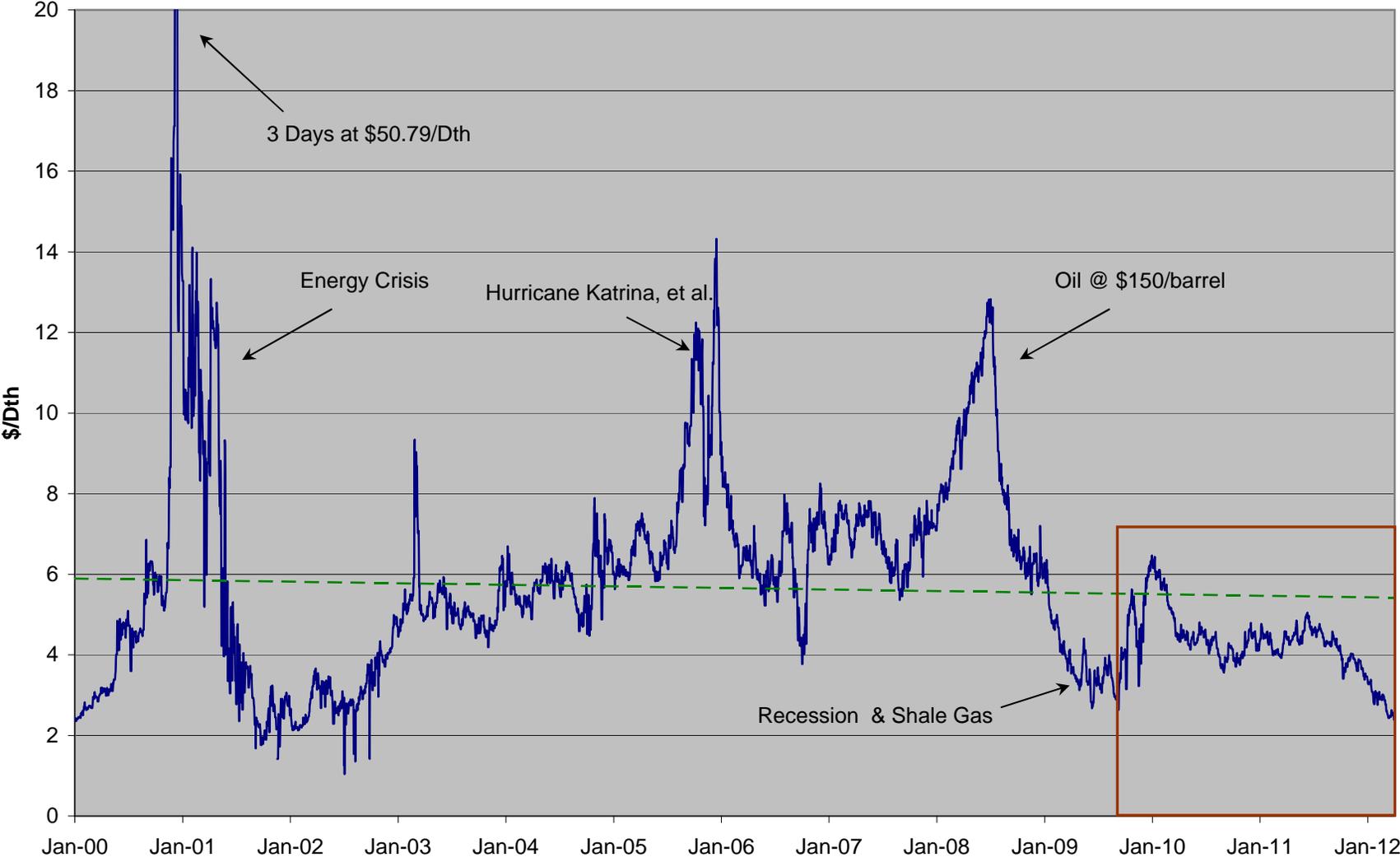
Notes:

- (1) All gas quantities in Dth and rates in \$/Dth. (Does not include imbalance purchases traded to storage.)
- (2) WACOG at PG&E Citygate
- (3) Includes costs to transport gas to PG&E Citygate from alternate delivery points, as well as physical storage costs.
- (4) Includes scheduling fees, billing fees, administrative costs and misc. expenses; less interest income.
- (5) PG&E charges billed to ABAG POWER via EDI process and passed through to customers. These costs do not necessarily tie directly to the actual gas usage shown above due to timing difference in reporting.
- (6) From billing data
- (7) Based on PG&E's G-NR1 rate schedule.
- (8) Includes: Procurement Charge, Capacity Charge, Brokerage Fee, Shrinkage, and Storage.
- (9) PG&E Transportation Charge; Customer Charge, and surcharge for Public Purpose Programs. Does not include Franchise Fees and City Taxes.

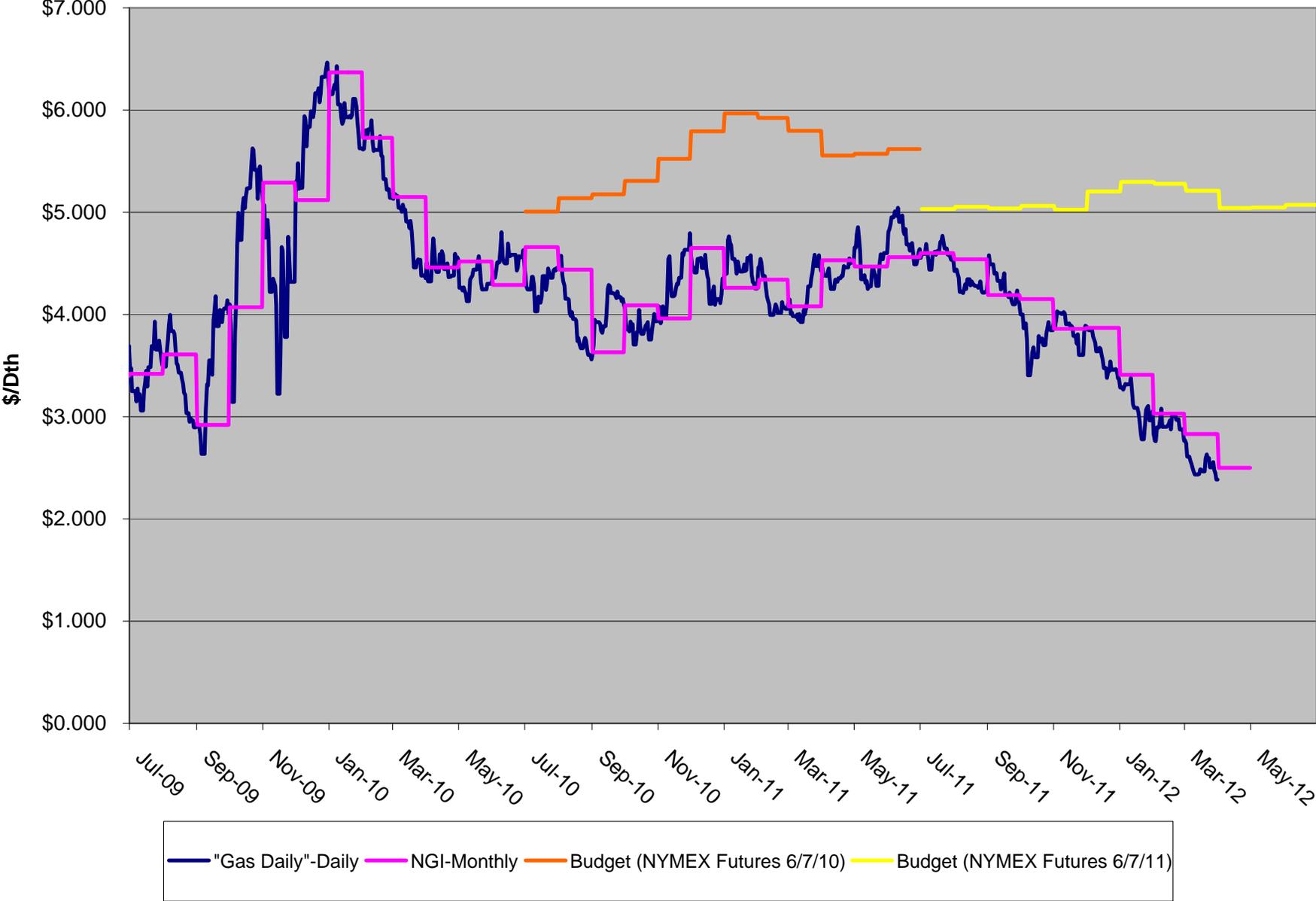
**ABAG POWER Long Term Gas Purchases
(Contracts > 1 month in length)**



Natural Gas Market Prices 2000 - Present
('Gas Daily' Daily Avg @ PG&E Citygate)



Historical/Future Market Price Indices @ PG&E Citygate
Market Price Chart (3 Year)





DT: April 12, 2012

TO: ABAG POWER Executive Committee

FM: Gerald L. Lahr, ABAG POWER Program Manager

RE: **Extension of Natural Gas Scheduling Services Contract with Golden Valley Gas Services**

ABAG POWER's contract for natural gas scheduling services expires on June 30, 2012. Staff recommend extending the current contract with Golden Valley Gas Services for one additional year.

Background. In the Spring of 2008 Golden Valley Gas Services (GVGS) was selected through a competitive process to provide ABAG POWER a variety of services related to natural gas scheduling and balancing. The original contract period was for two years, but was extended for an additional two years ending in June 2012.

It has been ABAG POWER's practice to competitively bid the scheduling services contract at least every five years. Because GVGS has provided excellent scheduling services to ABAG POWER during the current term of the contract, and since the five-year limit has not been exceeded, a contract extension is valid and practical.

Recommendation. Approve contract extension with Golden Valley Gas Services for the period July 1, 2012 to June 30, 2013.

/vm

Attachments: Letter to GVGS



April xx, 2012

Joy Young/Suzanne McFadden
Golden Valley Gas Services
P.O. Box 2327
Dublin, CA 94568

Re: Scheduling Services – Contract Extension

Dear Ms. Young/Ms. Mcfadden:

The purpose of this letter is to extend the Scheduling Services Agreement between Golden Valley Gas Services, Inc. (GVGS) and ABAG POWER by adding the period July 1, 2012 to June 30, 2013.

With the exception of the time extension, all terms and conditions shall remain the same as shown in the contract dated June 6, 2008, and as revised in the letter of June 7, 2010.

Please sign below and return a copy to acknowledge your agreement to this extension.

Sincerely,

Ezra Rapport
ABAG Executive Director
ABAG POWER President

I have read, understood and agree to the provisions set forth in this letter.

Date: _____ By: _____
Joy Young / Suzanne McFadden
Golden Valley Gas Services, Inc.

cc: Jerry Lahr, ABAG POWER Program Manager
Kenneth Moy, ABAG Legal Counsel

ABAG POWER

Operating Budget

Fiscal Year Ending June 30, 2013

Preliminary

	<u>Natural Gas</u>		
	<u>FY 2011-12</u> <u>Approved (1)</u>	<u>FY 2011-12</u> <u>Projected (2)</u>	<u>FY 2012-13</u> <u>Proposed</u>
Revenues			
Sale of Energy	\$ 8,612,907		\$ 7,152,426
Interest Income - Banks/LAIF	<u>12,000</u>	<u>-</u>	<u>9,000</u>
Total revenues	<u>8,624,907</u>	<u>-</u>	<u>7,161,426</u>
Cost of energy			
Cost of Energy Used	5,288,563		3,629,964
PG&E Pass-Through Costs	<u>2,907,886</u>	<u>-</u>	<u>3,104,193</u>
Total cost of energy	8,196,449	-	6,734,157
Other Energy Costs			
Meter fees	<u>-</u>	<u>-</u>	<u>-</u>
Total Other Energy Costs	-	-	-
Program Expenses			
Billing Costs, external	10,200		10,200
Amortized Billing Software Costs	-		-
Scheduling agent fees	38,167		38,745
ABAG fees	363,091		364,324
Interest Expense/Bank Charges	12,000		9,000
Legal Expenses (outside)	5,000		5,000
Other Expenses	<u>-</u>	<u>-</u>	<u>-</u>
Total Program Expenses	428,457	-	427,269
 Total expenses	<u>8,624,907</u>	<u>-</u>	<u>7,161,426</u>
 True-up Adjustment	-	-	-
Core Annual Usage (Dths):	793,966		793,966
Noncore Annual Usage (Dths):	125,370		125,370
Core Gas Commodity (3) (\$/Dth):	\$5.78		\$3.97
Noncore Gas Commodity (3) (\$/Dth):	\$5.59		\$3.81
PG&E Pass-through (\$/Dth):	\$3.66		\$3.91
Program Expenses (4) (\$/Dth):	\$0.45		\$0.45
Core Total Rate (\$/Dth):	\$9.89		\$8.34
Noncore Total Rate (\$/Dth):	\$6.04		\$4.26

Notes:

- (1) Approved budget June 2011
- (2) Based on ____ 2012 financials
- (3) Storage costs allocated to core accounts only
- (4) Program expenses minus interest income



Energy Upgrade California™

Retrofit Bay Area Program
Successes & Policy Recommendations

April 15, 2012

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Retrofit Bay Area

Program Overview

Program Approach & Goals

Approach:

The Association of Bay Area Governments (ABAG) partnered with eight counties and a team of public and private entities to develop and implement Retrofit Bay Area, a comprehensive region wide residential retrofit program.

Program Objectives:

The original program design had three core objectives to drive uptake:

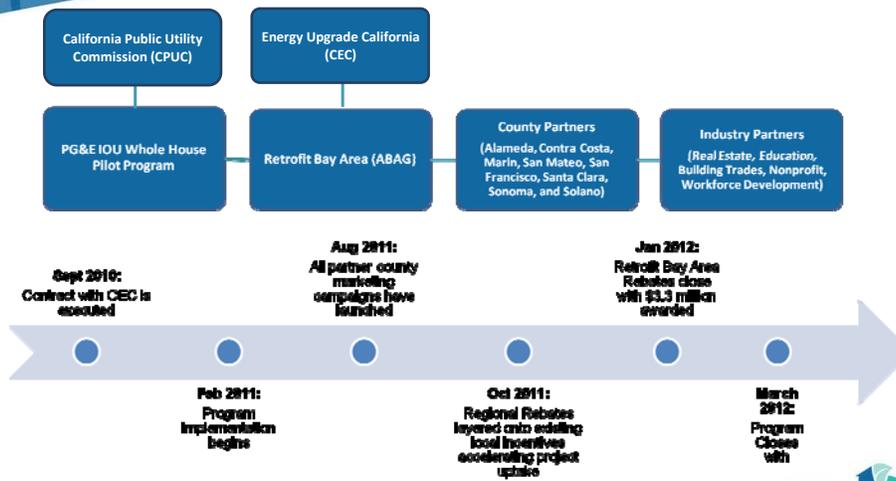
- 1) Financing: Coordinate finance mechanisms
- 2) M&O: Demonstrate effective marketing and outreach
- 3) Workforce: Streamline participant, contractor, and administrative processes.



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Program Structure & Timeline



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Lead Agency Deliverables

ABAG	StopWaste.Org	Regional Climate Protection Authority	Local Lead Agencies
Contract Administration and Program Oversight	Regional Marketing Plan and Collateral	Regional Reporting Administration	County-level Reporting
Coordinate Program Advisory Committee and Steering Committee	Regional Multifamily Program Design, Software Tools	Regional Workforce Development Plan	Implementation and customization of program through local workforce, education, building trades, realtor, retailer, and marketing and outreach partners
Regional Local Government Website	Regional Incentive	Regional Participant Recruitment	Local policy, codes and standards. Links to Climate Action Plans
Regional Customer Support Call Center	Regional Web-Based Tracking Platform	Regional Public Policy Recommendations, Implementation Plan	Health, Safety, and Public Service
Contractor Scholarship Management	Regional Real Estate Training Curriculum, Multiple Listing Service Green Features Guidance Document	Regional Contractor Qualifications, and Certification Requirements	Contractor and homeowner outreach and support



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Program Accomplishments



Accomplishments

1. Developed an infrastructure of local government support to transform the whole building retrofit industry
2. Established a consistent Energy Upgrade California brand and marketing effort:
 - Program coordination through the Retrofit Bay Area Steering Committee, regional and local Advisory Committees and other local government partnerships, as well as coordination with the California Energy Commission (CEC), Statewide Steering Committee, PG&E, and other program partnerships
3. Extensive local outreach through marketing plans developed and implemented by county lead agencies
4. Developed program administrative processes that coordinated with and leveraged existing PG&E Whole House Rebate processes and protocols as much as possible

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Accomplishments (continued)

5. Implemented both local and regional rebate programs which ultimately provided \$3 million in incentives to homeowners
6. Developed and demonstrated the following tools to improve local understanding of the whole building retrofit market and to accelerate retrofit uptake:
 - Bulk purchasing agreement templates
 - A co-op marketing pilot
 - Tool Lending Libraries
7. Trained 714 workers expanding Participating Contractor skills and increasing the capacity of the regional workforce to fulfill key roles within the whole building energy retrofit industry
8. White paper on whole building energy retrofit policy recommendations

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Summary of Marketing and Outreach Methods

General Marketing Activities	
Total Media Impressions	Pending
Total Website Page Views (Energy Upgrade California/local portals as appropriate)	355,900
Targeted Communications (direct mail/email, door hangers)	Pending
"General Energy Upgrade" tabling events	
Number of events held	110
Public/property owner focused "General Energy Upgrade" workshops/information sessions	
Number of workshops/information sessions held	205
Number of attendees to workshops/information sessions	3692
Sector-specific "General Energy Upgrade" workshops/information sessions (for realtors, building officials, city council, etc.)	
Number of workshops/information sessions held	104
Number of attendees to workshops/information sessions held	1536



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- ## Key Outcomes
- **Creation of a market for whole building retrofits**
 - Retrofit Bay Area and Energy Upgrade California effectively changed a fractured building retrofit market, by introducing consistency and standardization that has enabled the regional market to evolve into a statewide program.
 - **Alignment of infrastructure for ongoing program support**
 - Coordination in program design and implementation between contractors, local governments, and utilities paved the way for the creation of this new regional market.
 - This evolving partnership will enable program participants to continue to refine the program and effect those changes that are most necessary to maintain the momentum the program has established.
 - **A regional market primed for growth**
 - Marketing and outreach activities have begun to accelerate energy retrofit uptake as messaging has been refined and critical grass roots relationships have been established.
 - This layered approach, initiated by local lead agencies, complements contractor and PG&E Whole House Rebate marketing efforts, allowing multiple and aligned marketing outreaches to consumers.
- 

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Key Outcome Metrics

Retrofits promoted through PG&E Whole House Rebate Program	
Number of Retrofits Achieved (Completed)	749
Number of Retrofits Promoted (Completed and in Process)	1601
Average Energy Savings per Retrofit	33%
Average Cost per Retrofit	\$13,802
Job Creation	
Jobs Created – Program Funds (\$10,750,000)	117
Jobs Created – Leveraged Funds (\$22,164,105)	241
Jobs Created – Leveraged Funds (Private Capital and Rebate Funding) (\$10,337,698)	112
TOTAL	470

Incentive ¹	Number Issued/Reserved	Total Value Issued/Reserved
Regional Advanced Package Rebates	684	\$1,354,556
Local Advanced Package Rebates	482	\$1,842,449
Total	1166	\$3,197,005

¹ Current Regional Incentive project data as of 3/12/12

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Recommendations



Recommendations for Energy Upgrade 2.0

Overview:

Bay Area local governments can often be more flexible and nimble than utilities, and can easily streamline and implement efficiencies by quickly launching a simpler program design, reduce overall administrative burden, and reduce job processing time.

ABAG counties have proven that they can successfully operate an energy program by providing financing, funding local incentives, and successfully leveraging their local stakeholder infrastructure for extensive and intensive workforce training, and marketing and outreach.



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Top 10 Recommendations

Retrofit Bay Area local governments provide the following recommendations that should be prioritized for local government implementation in support of Energy Upgrade:

- 1. Fund Northern California Energy Network**
- 2. Launch regional financing strategies**
- 3. Increase and conduct research on incentives**
- 4. Pilot new program design**
- 5. Disaggregate project data**
- 6. Launch large-scale multifamily program**
- 7. Continue marketing and outreach**
- 8. Promote property value increases**
- 9. Fund ongoing training**
- 10. Provide concierge service**

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ABAG Energy Programs

Program Name:	ABAG POWER	OWP: 303000
Funding Amount:	N/A	
Funding Source:	Fees on natural gas deliveries	
Program Term:	JPA: ongoing. Gas Program: rolling evergreen	
Primary Partners:	ABAG POWER JPA: 67 member agencies Natural Gas Program: 38 participants	
Program Description:	ABAG POWER (ABAG Publicly OWned Energy Resources) is a separate joint powers agency formed to take advantage of the deregulated environment for energy and telecommunications. ABAG POWER's primary program is to conduct pooled purchasing of natural gas on behalf of local governments and special districts in the PG&E territory.	
Program Goals:	<p>Price Stability. Purchasing strategy and cost allocation methods that will provide members a reasonable degree of certainty of the costs to be shared.</p> <p>Cost Savings. Provide gas procurement services for less than the equivalent services provided by the default provider (i.e. PG&E).</p>	
Status (4/11/12)	<p>Natural Gas Rates: 2011-12 Budgeted Rates (\$/therm): Core Gas Commodity: \$0.578 Noncore Gas Commodity: \$0.559 PG&E Pass-through: \$0.366</p> <p>Year-to-Date Savings: 3.9% (Feb 2012)</p>	

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Program Name:	Retrofit California Better Buildings Program (BBP)	OWP: 303008
Funding Amount:	ABAG: \$8,395,887. Statewide: \$30,000,000	
Funding Source:	ARRA funded through the Department of Energy's (DOE) (through subcontract with LA County)	
Program Term:	June 1, 2010 - May 31, 2013	
Primary Partners:	Los Angeles County, San Diego (CCSE), Sacramento (SMUD), ABAG (Alameda (StopWaste.org), San Jose, San Francisco, Sonoma RCPA)	
Program Description:	<p>Facilitate energy upgrades in buildings through over 20 targeted pilot projects in four regions of the State (LA, San Diego, Sacramento, SF Bay Area). The BBP Program seeks to: (1) test innovative marketing tactics, (2) help build a workforce to complete building upgrades, (3) evaluate building improvement impacts, and (4) assist in providing financing options for building owners. The California pilot projects fall into the following categories:</p> <ul style="list-style-type: none"> • Community Based Social Marketing (CBSM) • Home Improvement Retail Partnerships (HIRP) • Whole Neighborhood Approach (WNA) • HVAC Contractor Outreach (HVAC) • Multifamily (MF) • Green Building Labeling (GBL) • On-Water-Bill Financing (OWB) 	
Program Goals:	Energy efficiency retrofits in 15,282 single family homes and 965 multifamily homes.	
Status (4/11/12)	<p>All Bay Area pilots have been initiated.</p> <p>Alameda (StopWaste):</p> <ul style="list-style-type: none"> CBSM - 'Energize for the Prize' promotion underway w/ schools HIRP - Pilot project with Lowes completed in Spring 2011 MF - Toolkit available at: www.multifamilygreen.org/ GBL - Working with Alameda County MLS chapters <p>San Francisco:</p> <ul style="list-style-type: none"> CBSM - Social media and marketing incentives to promote SFHip HIRP - Advertise SF Hip program through Cole Hardware WNA - Evaluating for possible reallocation of funds MF - Performing audits and tracking retrofits GBL - Working w/ Tax Assessor's office for listing on tax roles <p>San Jose:</p> <ul style="list-style-type: none"> WNA - Active in neighborhood. Additional measures approved to increase per-project savings. <p>Sonoma RCPA:</p> <ul style="list-style-type: none"> WNA - Following up on customer leads in identified neighborhood. OWB - Program design with Town of Windsor finalized. Scheduled for Town Council vote. 	

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Program Name:	ABAG Green Communities – Greenhouse Gas (GHG) Inventory Assistance	OWP: 303010
Funding Amount:	Phase II: \$166,721 (Phase I: \$264,495 – complete)	
Funding Source:	Funded by energy rate payers (Public Goods Charge) through the California Public Utilities Commission (CPUC)	
Program Term:	Phase II: 5/12 – 12/31/12	
Primary Partners:	PG&E, ICLEI	
Program Description:	<p>Phase II: Develop community-wide GHG emissions inventories for jurisdictions in the County of Napa. The program partners trained interns with participating local governments to complete the inventories.</p> <p>Phase I (complete): Provide assistance to local governments in completing a municipal operations GHG emissions inventory.</p>	
Program Goals:	Phase II: Complete community-wide GHG emissions inventories for four agencies in Napa County.	
Status (4/11/12)	<p>Phase II scope of work finalized. Work Authorization in process of being executed by ABAG and PG&E.</p> <p>Phase I completed 8/2011 - Inventories completed for the cities of Concord, Lafayette, Pleasant Hill, Oakley, Napa, Sausalito, Yountville, and all jurisdictions in Sonoma County (via Sonoma RCPA)</p>	

Program Name:	Retrofit Bay Area (Energy Upgrade California)	OWP: 303011
Funding Amount:	\$11,350,000 (increase of \$600,000)	
Funding Source:	ARRA funded through the Department of Energy's (DOE) State Energy Program (SEP) via the California Energy Commission (CEC).	
Program Term:	9/14/10 – 4/30/12	
Primary Partners:	Counties of Alameda (StopWaste.org), Contra Costa, Marin, San Francisco, San Mateo, Santa Clara, Solano (Suisun City), Sonoma RCPA	
Program Description:	Retrofit Bay Area strives to accelerate consumer demand for home energy upgrades through innovative marketing and communication strategies that leverage existing community and private-sector distribution channels, and expand the upgrade delivery capacity of building professionals and the supply chain through self-sustaining workforce development programs. Retrofit Bay Area is a support program under the broader Energy Upgrade California (EUC).	
Program Goals:	Revised goals: Energy efficiency retrofits in 1,066 single family homes and 815 multifamily homes.	
Status (4/11/12)	<p>In October 2011 ABAG revised the program to offer regional incentives to homeowners to upgrade their homes: \$2000 advance, \$1000 basic, \$300 audit. As of December the incentive budget had been 100% committed (\$1,900,000) and a wait list was created (~\$1,500,000).</p> <p>In February the CEC approved additional funding to cover all the wait listed projects. ABAG is now processing the final rebate payments.</p>	

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Program Name:	ABAG Green Communities Energy-Use Benchmarking	OWP: 303012
Funding Amount:	\$184,247 (CO 1)	
Funding Source:	Funded by energy rate payers (Public Goods Charge) through the California Public Utilities Commission (CPUC)	
Program Term:	10/26/10 - 12/31/12	
Primary Partners:	PG&E, EEFG (consultant)	
Program Description:	The program offers free benchmarking workshops and individual agency assistance to give local governments the tools necessary to evaluate their facilities' energy use.	
Program Goals:	Significantly increase the number of local government buildings using ENERGY STAR <i>Portfolio Manager</i> .	
Status (4/11/12)	<p>To date:</p> <ul style="list-style-type: none"> • Held 15 classes in 7 counties • Trained 92 local government staff in 53 different jurisdictions • Met CPUC goal to increase benchmarking by 20% in Bay Area <p>The work authorization has been modified to include 'What's Next' classes. This training is intended to assist local governments in moving energy efficiency projects along the path of identification to implementation.</p>	

Program Name:	Electrical Vehicle (EV) Streamlining	OWP: 303013
Funding Amount:	\$615,800	
Funding Source:	Reformulated Gasoline (RFG) Settlement Fund - court administered fund set up to manage a \$5 million court penalty against the Unocal Corporation.	
Program Term:	2/25/11 - 7/15/12 (amend 1)	
Primary Partners:	<p>Due to eligibility rules established by the Court, the ABAG non-profit 'Balance Foundation' was designated the lead applicant and fiscal agent for the project.</p> <p>EV Communities Alliance, Clean Fuel Connection, Bay Area Climate Collaborative, Light Moves Consulting</p>	
Program Description:	Promote EV charger installation streamlining in Bay Area and Southern California jurisdictions. Develop and disseminate guidelines for the EV infrastructure deployment by local and regional agencies, including EV-friendly building codes and public works guidelines. Provide outreach to local governments to support sharing of best practices among elected leaders and senior agency managers.	
Program Goals:	Targeted Communities: Cities in the following counties: Alameda, Contra Costa, San Mateo, San Francisco, Santa Clara; Southern California Cities (LA, Long Beach, Santa Monica, Riverside).	
Status (4/11/12)	<p>EV-ready guidelines published in November 2011: <i>Ready Set Charge California</i> - www.ReadySetCharge.org Dissemination of guidelines and outreach to local governments has begun. Initial workshops completed in Alameda, Contra Costa, San Mateo, Santa Clara Counties.</p> <p>Final draft of EV policy briefing paper released: <i>Accelerating the EV Transition</i>.</p>	

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Program Name:	Electrical Vehicle (EV) Corridor	OWP: 303014
Funding Amount:	\$1,493,165 (requires \$2,653,424 in agency match funding)	
Funding Source:	California Energy Commission's (CEC) Alternative and Renewable Fuel and Vehicle Technology Program (created by AB 118).	
Program Term:	8/12/11 - 4/30/13	
Primary Partners:	<p>EV Communities Alliance (project coordination), Clean Fuel Connections (charger installations), Ecology Action (project coordination in Monterey region)</p> <p>Installation Participants: County of Alameda, City of Palo Alto, City/County of San Francisco, City of San Jose, County of Santa Clara (opted out), Marin County, Monterey Bay (Ecology Action), Coulomb Technologies, 350Green</p>	
Program Description:	Install EV charging infrastructure (Levels I, II, and III charging units) in the SF and Monterey Bay Areas.	
Program Goals:	212 EV charging units (423 charging points) in the SF and Monterey Bay Areas	
Status (4/11/12)	<ul style="list-style-type: none"> • Alameda County - Under contract for installation of 40 combination L1/L2 chargers (80 charge points) • San Jose - Under contract for installation of 23 combination L1/L2 chargers (46 charge points) • Monterey (Ecology Action) - Under contract for installation of 40 combination L1/L2 chargers (80 charge points) • San Francisco - Contract pending for installation of 34 L2 or combination L1/L2 chargers. 	