



ABAG POWER Executive Committee Meeting No. 2011-03
June 15, 2011 (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 APRIL 20, 2011
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 10-11
ATTACHMENT 4B – MARKET PRICE CHART
ATTACHMENT 4C – GAS HEDGE CHART
5. **FY2011-12 Budget**
Action: Staff will present the operating budget for FY2011-12.
ATTACHMENT 5A – OPERATING BUDGET
ATTACHMENT 5B – LEVELIZED CHARGE CALCULATION
6. **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) Projects

*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 2011-02

April 20, 2011

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 p.m.

Committee Representatives

Mark Armstrong
Beth Balita
Jennifer Mennucci
Ron Popp
Chris Schroeder (Chairman)
Richard Sealana

Jurisdictions

City of Santa Rosa
County of Contra Costa
Golden Gate Bridge District
City of Millbrae
City of Milpitas
City of Union City

Others Present

Terry Mann

County of Contra Costa

Staff Present

Herbert Pike
Jerry Lahr

ABAG
ABAG POWER

PUBLIC COMMENTS & ANNOUNCEMENTS

There were no public comments.

APPROVAL OF SUMMARY MINUTES OF FEBRUARY 16, 2011

Motion was made by Popp/S/Sealana/C/4:0:0 to approve the Summary Minutes of February 16, 2011 Executive Committee Meeting. Beth Balita and Jennifer Mennucci were not part of the minutes approval.

Jennifer Mennucci joined the meeting at this point.

MEMORANDUM

ASSOCIATION OF BAY AREA GOVERNMENTS

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Attachment 3A



APPOINTMENTS TO THE EXECUTIVE COMMITTEE

Chairman Schroeder appointed Beth Balita of the County of Contra Costa and Erwin Blancaflor of the City of Hercules to join the Executive Committee, effective April 20, 2011.

REPORT ON NATURAL GAS PROGRAM

Monthly Summary of Operations FY 10-11

Lahr provided the members with the Monthly Summary of Operations report for FY 2010-11. He updated the members on the market price and gas hedge charts and the percentage savings comparison with PG&E.

CTA Settlement Agreement

Lahr provided the members with a Core Transport Agent (CTA) Settlement Agreement with Pacific Gas & Electric Company, dated August 20, 2010.

New Gas Storage Provider

Lahr mentioned that ABAG POWER had adopted a new agreement along with their previously executed Storage Services Agreement dated March 09, 2004 with Wild Goose Storage, LLC to provide gas storage services to ABAG POWER for the term April 1, 2011 to March 31, 2012. During this period PG&E will continue to provide 20% of the program's storage needs and Wild Goose will provide the other 80%.

PRELIMINARY FY 2011-12 BUDGET

Lahr provided a preliminary operating budget for FY2011-12 to the committee. He said the final budget will be presented at the June meeting. (No action taken.)

ABAG ENERGY PROGRAMS UPDATE

Lahr provided the Committee with an update on ABAG's current energy-related funding proposals. These proposals/programs are:

- ABAG Green Communities (Partnership with PG&E)
- Energy Upgrade California (Retrofit Bay Area)
- DOE Better Buildings Program
- Electric Vehicle (EV) Projects

ADJOURNMENT

Chairman Schroeder adjourned the meeting at 1:10 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.

ABAG POWER Natural Gas Program

FY 2010-11 Monthly Summary of Operations

	days/mo.	Jul 31	Aug 31	Sep 30	Oct 31	Nov 30	Dec 31	Jan 31	Feb 28	Mar 31	Apr 30	May 31	Jun 30	Total
Gas Purchases⁽¹⁾														
Purchase 1	Qty	15,500	15,500	15,000	15,500	15,000	15,500	15,498	13,749	15,500	15,000	15,500	15,000	182,247
	Price	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$4.47	\$4.47	\$4.47	
Purchase 2	Qty	15,500	15,500	15,000	15,500	15,000	15,500	15,500	14,000	15,500	15,000	15,500	15,000	182,500
	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	20,057	20,026	24,030	24,800	23,970	15,500	15,500	14,000	24,676	23,910			206,469
	Price	\$4.28	\$4.11	\$3.37	\$3.74	\$3.57	\$5.45	\$5.45	\$5.45	\$3.83	\$4.22			
Purchase 4	Qty	5,450	7,800	7,650	17,350	36,200	24,769	26,013	22,344	25,000	30,575			203,151
	Price	\$4.32	\$3.99	\$4.05	\$3.89	\$4.44	\$4.35	\$4.08	\$4.19	\$4.23	\$4.40			
Purchase 5	Qty						19,125	21,250	15,800					56,175
	Price						\$4.34	\$4.53	\$4.15					
Total Quantity Purchased		56,507	58,826	61,680	73,150	90,170	90,394	93,761	79,893	80,676	84,485	31,000	30,000	830,542
Total Purchase Cost		\$317,077	\$321,139	\$312,967	\$367,871	\$447,089	\$482,953	\$494,451	\$421,274	\$407,967	\$390,709	\$160,658	\$155,475	\$4,279,629
Backbone Shrinkage (Dths)		(527)	(527)	(570)	(589)	(570)	(589)	(467)	(417)	(465)	(450)			
Weighted Avg. Cost of Gas (WACOG) ⁽²⁾		\$5.66	\$5.51	\$5.12	\$5.07	\$4.99	\$5.38	\$5.30	\$5.30	\$5.09	\$4.65	\$5.18	\$5.18	\$5.15
Storage/Inventory														
Total Injections/ (Withdrawals)		7,151	8,635	8,534	14,720	13,811	(19,479)	(15,000)	(15,440)	(15,000)	9,000			(3,068)
Total Inventory Quantity (Dths)		34,219	42,854	51,388	66,108	79,919	60,440	45,440	30,000	15,000	24,000			
Total Inventory (\$)		\$210,432	\$259,565	\$306,499	\$377,262	\$447,355	\$338,336	\$254,374	\$167,943	\$83,971	\$125,816			
Gas Program Monthly Expenses (from Financial Reports)														
Cost of Energy Used ⁽³⁾		\$ 270,210	\$ 272,003	\$ 266,628	\$ 297,108	\$ 397,993	\$ 590,473	\$ 578,346	\$ 507,630	\$ 491,861	\$ 355,888			\$ 4,028,140
Program Operating Expenses ⁽⁴⁾		25,117	30,816	29,535	32,367	30,770	25,785	18,498	27,813	31,711	21,619			274,032
Subtotal		\$ 295,327	\$ 302,819	\$ 296,163	\$ 329,475	\$ 428,763	\$ 616,258	\$ 596,844	\$ 535,443	\$ 523,572	\$ 377,507	\$ -	\$ -	\$ 4,302,172
Rate (\$/Dth)		\$5.30	\$5.37	\$5.21	\$5.10	\$5.19	\$5.99	\$5.62	\$5.83	\$5.68	\$5.24			\$5.51
PG&E Pass-through costs ⁽⁵⁾		68,342	126,842	223,275	150,229	164,512	335,626	282,561	285,690	382,824	210,238			2,230,140
Total ABAG POWER Cost		\$ 363,669	\$ 429,661	\$ 519,439	\$ 479,705	\$ 593,275	\$ 951,884	\$ 879,405	\$ 821,132	\$ 906,397	\$ 587,746			\$ 6,532,312
Actual (metered) Gas Usage														
Core ⁽⁶⁾		46,569	47,835	44,346	52,594	71,590	91,495	94,685	82,542	82,282	64,489			678,427
Non Core		9,138	8,571	12,552	12,017	11,079	11,404	11,602	9,245	9,834	7,564			103,005
Total Program Usage		55,707	56,407	56,898	64,611	82,668	102,898	106,287	91,787	92,116	72,053	0	0	781,432
ABAG POWER Total Core Rate		\$ 6.77	\$ 8.02	\$ 10.24	\$ 7.96	\$ 7.48	\$ 9.66	\$ 8.60	\$ 9.29	\$ 10.34	\$ 8.50			
PG&E Rate⁽⁷⁾														
Procurement Charge ⁽⁸⁾		5.06	5.34	5.24	5.26	4.82	5.43	5.56	6.36	5.34	5.26	5.19	6.19	
Transportation/Other Charge ⁽⁹⁾		1.47	2.65	5.03	2.86	2.30	3.67	2.98	3.46	4.65	3.26			
Total PG&E Rate		\$ 6.53	\$ 7.99	\$ 10.28	\$ 8.12	\$ 7.12	\$ 9.10	\$ 8.54	\$ 9.82	\$ 9.99	\$ 8.52	\$ 5.19	\$ 6.19	
Rate Comparison														
Monthly Rate Difference (\$/Dth)		0.24	0.03	(0.04)	(0.16)	0.37	0.56	0.06	(0.52)	0.34	(0.02)			
Monthly Savings (\$)		(11,362)	(1,592)	1,753	8,516	(26,134)	(50,853)	(5,273)	43,265	(28,178)	1,561			
Cumulative 'Savings' (\$)		(11,362)	(12,954)	(11,201)	(2,684)	(28,818)	(79,671)	(84,943)	(41,678)	(69,856)	(68,295)			
Cumulative 'Savings' (%)		-3.7%	-1.9%	-1.0%	-0.2%	-1.4%	-2.7%	-2.3%	-0.9%	-1.3%	-1.2%			

ABAG POWER Natural Gas Program

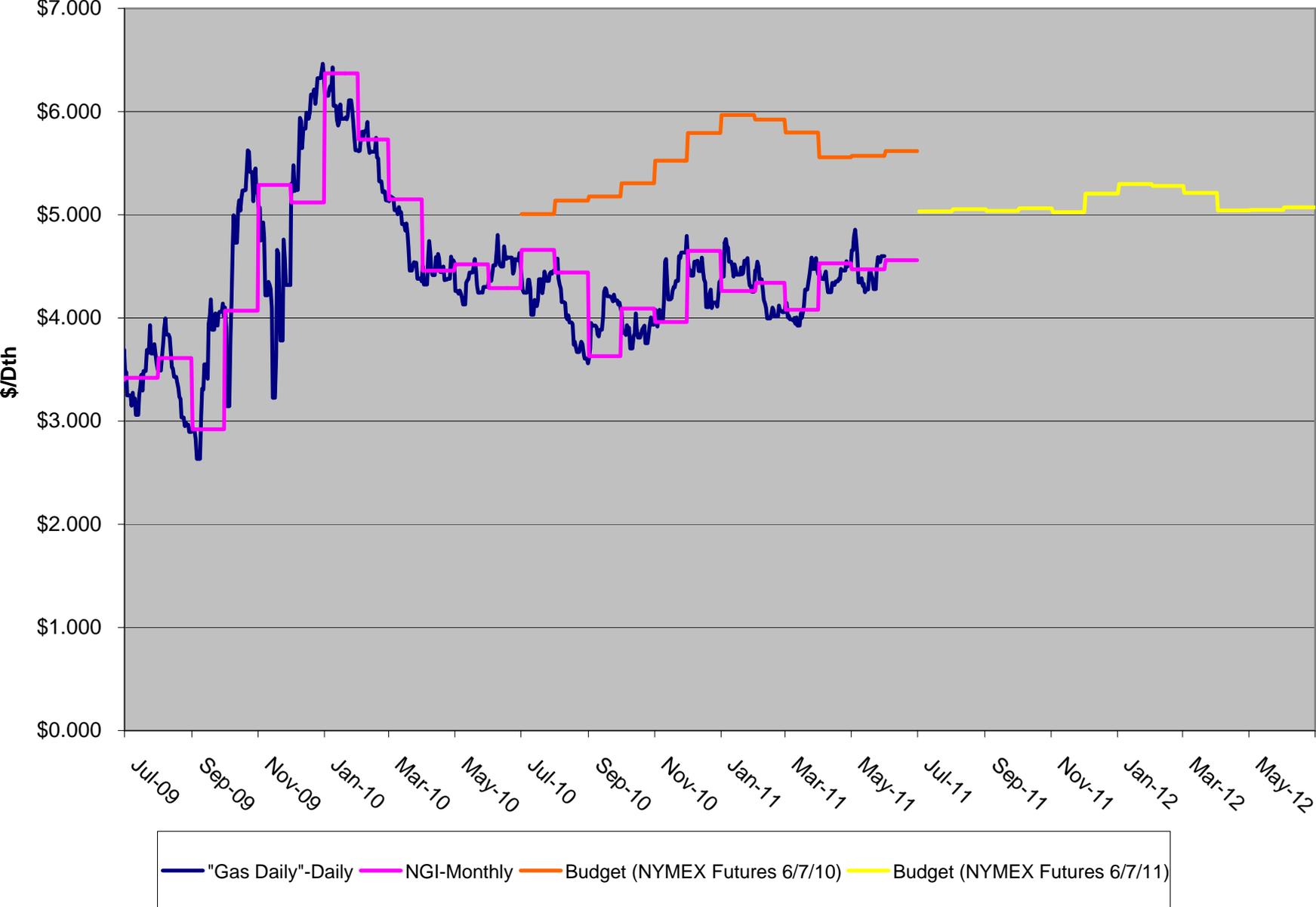
FY 2010-11 Monthly Summary of Operations

		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
<u>Storage Gas Accounting</u>														
Beginning Quantity		27,068												
Average Price		\$6.04												
Beginning of Month	Qty	27,068	34,219	42,854	51,388	66,108	79,919	60,440	45,440	30,000	15,000	24,000	24,000	
Injections	Qty	0	0	188	260	2,699	0	0	0	0	9,000			
Storage Shrinkage	Qty			-4	-5	-53								
	Price	\$0.00	\$0.00	\$5.12	\$5.07	\$4.99	\$0.00	\$0.00	\$0.00	\$0.00	\$4.65	\$0.00	\$0.00	
Imbalance Trades	Qty	7,151	8,635	8,350	14,465	11,165	-3,514	-1,400	-425					
	Price	\$6.55	\$5.69	\$5.51	\$4.80	\$5.10	\$5.59	\$5.59	\$5.59					
Withdrawals	Qty						15,965	13,600	15,015	15,000				
	Price	\$6.04	\$6.15	\$6.06	\$5.96	\$5.71	\$5.60	\$5.60	\$5.60	\$5.60	\$5.60	\$5.24		
End of Month	Qty	34,219	42,854	51,388	66,108	79,919	60,440	45,440	30,000	15,000	24,000	24,000	24,000	
	Avg. Pric	\$6.15	\$6.06	\$5.96	\$5.71	\$5.60	\$5.60	\$5.60	\$5.60	\$5.60	\$5.24			
End of Month Inventory		\$210,432	\$259,565	\$306,499	\$377,262	\$447,355	\$338,336	\$254,374	\$167,943	\$83,971	\$125,816			
Monthly Index Postings														
NGI Bidweek for PG&E Citygate		\$4.66	\$4.44	\$3.63	\$4.09	\$3.96	\$4.65	\$4.26	\$4.34	\$4.08	\$4.53	\$4.47	\$4.56	
Gas Daily Avg. for PG&E Citygate		\$4.30	\$3.95	\$4.04	\$3.86	\$4.30	\$4.34	\$4.47	\$4.16	\$4.19	\$4.40	\$4.47		
NGI Bidweek for Malin		\$4.26	\$4.09	\$3.35	\$3.72	\$3.55	\$4.33	\$4.06	\$4.17	\$3.81	\$4.21	\$4.15	\$4.21	

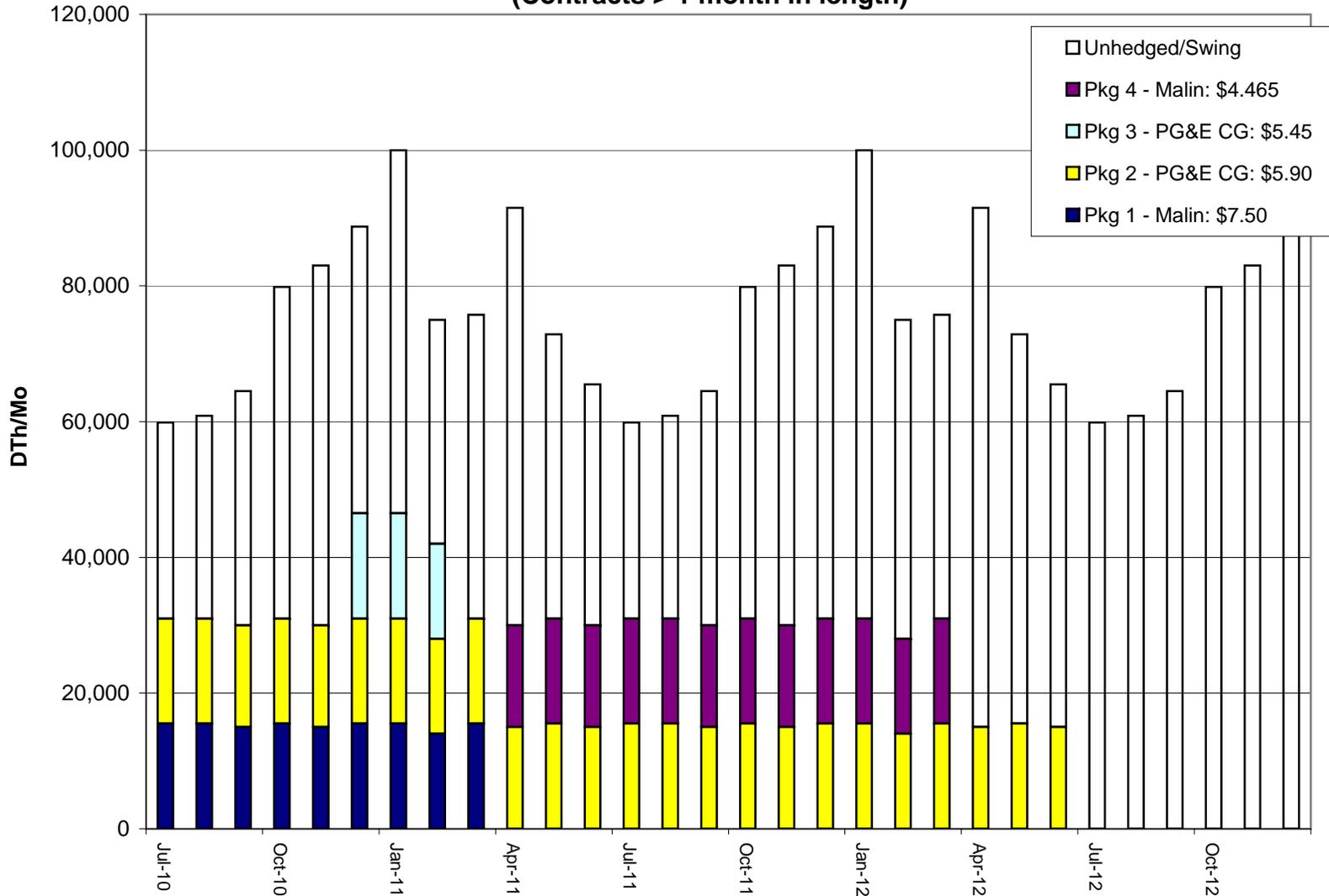
Notes:

- (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.

Historical/Future Market Price Indices @ PG&E Citygate



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



ABAG POWER
Operating Budget
 Fiscal Year Ending June 30, 2012

	<u>Natural Gas</u>		
	<u>FY 2010-11</u> <u>Approved (1)</u>	<u>FY 2010-11</u> <u>Projected (2)</u>	<u>FY 2011-12</u> <u>Proposed</u>
Revenues			
Sale of Energy	\$ 9,307,278	\$ 9,310,560	\$ 8,644,456
Interest Income - Banks/LAIF	30,000	12,057	12,000
Total revenues	<u>9,337,278</u>	<u>9,322,617</u>	<u>8,656,456</u>
Cost of energy			
Cost of Energy Used	6,136,453	4,739,916	5,322,862
PG&E Pass-Through Costs	<u>2,761,186</u>	<u>2,650,616</u>	<u>2,905,137</u>
Total cost of energy	8,897,639	7,390,532	8,227,999
Other Energy Costs			
Meter fees	-	-	-
Total Other Energy Costs	-	-	-
Program Expenses			
Billing Costs, external	10,200	(2,743)	10,200
Amortized Billing Software Costs	14,221	14,221	-
Scheduling agent fees	37,761	37,236	38,167
ABAG fees	354,456	272,126	363,091
Interest Expense/Bank Charges	18,000	13,895	12,000
Legal Expenses (outside)	5,000	-	5,000
Other Expenses	-	-	-
Total Program Expenses	439,638	334,735	428,457
Total expenses	<u>9,337,278</u>	<u>7,725,267</u>	<u>8,656,456</u>
True-up Adjustment	-	1,597,350	-
Core Annual Usage (Dths):	798,359	788,427	793,966
Noncore Annual Usage (Dths):	125,581	123,607	125,370
Core Gas Commodity (3) (\$/Dth):	\$6.68	\$5.21	\$5.8224
Noncore Gas Commodity (3) (\$/Dth):	\$6.37	\$5.09	\$5.58
PG&E Pass-through (\$/Dth):	\$3.46	\$3.36	\$3.66
Program Expenses (4) (\$/Dth):	\$0.44	\$0.35	\$0.45
Core Total Rate (\$/Dth):	\$10.59	\$8.93	\$9.93
Noncore Total Rate (\$/Dth):	\$6.82	\$5.44	\$6.04

Notes:

- (1) Approved budget June 2010
- (2) Based on April 2011 financials
- (3) Storage costs allocated to core accounts only
- (4) Program expenses minus interest income

ABAG POWER - Levelized Charges

Attachment 5B

Customer	Estimated Annual Usage	Gas Cost	Distribution Shrinkage	Storage Costs	PG&E Pass-through Costs (1)	Program Expenses (2)	Total Cost	FY2011-12 Monthly Levelized Charge	FY2010-11 Monthly Levelized Charge
rate (\$/th):		\$0.557	2.6%	\$0.010	\$0.366	\$416,457 \$0.045			
Core									
Alameda, City	194,686	\$108,492	\$2,821	\$2,042	\$71,236	\$8,819	\$193,410	\$16,120	\$18,070
Albany, City	11,423	\$6,366	\$166	\$120	\$4,180	\$517	\$11,348	\$950	\$950
Atherton, Town	6,373	\$3,552	\$92	\$67	\$2,332	\$289	\$6,332	\$530	\$570
Benicia, City	70,903	\$39,512	\$1,027	\$744	\$25,943	\$3,212	\$70,438	\$5,870	\$6,210
Contra Costa County GSD	1,503,952	\$838,101	\$21,791	\$15,775	\$550,299	\$68,129	\$1,494,095	\$124,510	\$129,800
Cupertino, City	49,764	\$27,732	\$721	\$522	\$18,209	\$2,254	\$49,438	\$4,120	\$4,930
Eastside Union H.S. District	77,465	\$43,168	\$1,122	\$813	\$28,344	\$3,509	\$76,957	\$6,420	\$8,310
Fremont, City	192,269	\$107,145	\$2,786	\$2,017	\$70,352	\$8,710	\$191,009	\$15,920	\$18,820
Gonzales, City	11,923	\$6,644	\$173	\$125	\$4,363	\$540	\$11,845	\$990	\$1,040
Golden Gate Bridge	80,244	\$44,717	\$1,163	\$842	\$29,361	\$3,635	\$79,718	\$6,650	\$7,040
Half Moon Bay, City	4,866	\$2,712	\$71	\$51	\$1,781	\$220	\$4,834	\$410	\$430
Hercules, City	49,066	\$27,343	\$711	\$515	\$17,953	\$2,223	\$48,745	\$4,070	\$3,600
Los Altos, City	29,396	\$16,382	\$426	\$308	\$10,756	\$1,332	\$29,204	\$2,440	\$2,700
Mill Valley, City	82,919	\$46,208	\$1,201	\$870	\$30,340	\$3,756	\$82,375	\$6,870	\$7,350
Millbrae, City									
Millbrae, City	33,076	\$18,432	\$479	\$347	\$12,102	\$1,498	\$32,859	\$2,740	\$3,070
Millbrae WWTP	117,641	\$65,557	\$1,704	\$1,234	\$43,045	\$5,329	\$116,870	\$9,740	\$9,220
Millbrae Total	150,717	\$83,989	\$2,184	\$1,581	\$55,148	\$6,827	\$149,729	\$12,480	\$12,290
Milpitas, City	174,157	\$97,052	\$2,523	\$1,827	\$63,724	\$7,889	\$173,015	\$14,420	\$15,190
Monte-Sereno, City	1,235	\$688	\$18	\$13	\$452	\$56	\$1,227	\$110	\$110
Moraga, Town	7,400	\$4,123	\$107	\$78	\$2,707	\$335	\$7,351	\$620	\$710
Napa County									
Napa County001	1,526	\$850	\$22	\$16	\$558	\$69	\$1,516	\$130	\$150
Napa County002	21,638	\$12,058	\$314	\$227	\$7,917	\$980	\$21,496	\$1,800	\$1,810
Napa County004	10,068	\$5,610	\$146	\$106	\$3,684	\$456	\$10,002	\$840	\$780
Napa County005	100,176	\$55,825	\$1,451	\$1,051	\$36,655	\$4,538	\$99,520	\$8,300	\$8,640
Napa County Total	133,408	\$74,343	\$1,933	\$1,399	\$48,814	\$6,043	\$132,533	\$11,070	\$11,380

ABAG POWER - Levelized Charges

Attachment 5B

Customer	Estimated Annual Usage	Gas Cost	Distribution Shrinkage	Storage Costs	PG&E Pass-through Costs (1)	Program Expenses (2)	Total Cost	FY2011-12 Monthly Levelized Charge	FY2010-11 Monthly Levelized Charge
rate (\$/th):		\$0.557	2.6%	\$0.010	\$0.366	\$416,457 \$0.045			
<u>Oakland, City</u>									
Oakland, City	798,520	\$444,988	\$11,570	\$8,376	\$292,180	\$36,173	\$793,286	\$66,110	\$66,370
Oakland Zoological	13,791	\$7,685	\$200	\$145	\$5,046	\$625	\$13,701	\$1,150	\$1,300
Oakland, City Total	812,311	\$452,673	\$11,770	\$8,520	\$297,226	\$36,798	\$806,987	\$67,260	\$67,670
Orinda, City	11,778	\$6,564	\$171	\$124	\$4,310	\$534	\$11,701	\$980	\$1,110
Pacifica, City	27,578	\$15,368	\$400	\$289	\$10,091	\$1,249	\$27,397	\$2,290	\$2,400
Petaluma, City	22,955	\$12,792	\$333	\$241	\$8,399	\$1,040	\$22,804	\$1,910	\$2,100
Pleasanton, City	174,108	\$97,025	\$2,523	\$1,826	\$63,707	\$7,887	\$172,967	\$14,420	\$15,820
Regional Admin. Facility	55,040	\$30,672	\$797	\$577	\$20,139	\$2,493	\$54,680	\$4,560	\$4,610
Richmond, City	287,913	\$160,444	\$4,172	\$3,020	\$105,348	\$13,042	\$286,026	\$23,840	\$20,510
Salinas, City	92,817	\$51,724	\$1,345	\$974	\$33,962	\$4,205	\$92,209	\$7,690	\$12,690
San Carlos, City	60,445	\$33,684	\$876	\$634	\$22,117	\$2,738	\$60,049	\$5,010	\$5,440
<u>San Mateo County</u>									
San Mateo County006	663,032	\$369,485	\$9,607	\$6,955	\$242,605	\$30,035	\$658,687	\$54,900	\$59,800
San Mateo County007	708,396	\$394,765	\$10,264	\$7,430	\$259,203	\$32,090	\$703,752	\$58,650	\$60,110
San Mateo County008	6,643	\$3,702	\$96	\$70	\$2,431	\$301	\$6,599	\$550	\$530
San Mateo County009	3,456	\$1,926	\$50	\$36	\$1,265	\$157	\$3,433	\$290	\$690
San Mateo County011	29,231	\$16,290	\$424	\$307	\$10,696	\$1,324	\$29,040	\$2,420	\$3,070
San Mateo County013	60,135	\$33,511	\$871	\$631	\$22,004	\$2,724	\$59,741	\$4,980	\$4,890
San Mateo County015	240,036	\$133,764	\$3,478	\$2,518	\$87,830	\$10,874	\$238,463	\$19,880	\$22,270
San Mateo County016	8,662	\$4,827	\$125	\$91	\$3,169	\$392	\$8,605	\$720	\$850
San Mateo County Total	1,719,591	\$958,269	\$24,915	\$18,037	\$629,202	\$77,897	\$1,708,320	\$142,390	\$152,210
San Rafael, City	66,772	\$37,210	\$967	\$700	\$24,432	\$3,025	\$66,335	\$5,530	\$6,000
Santa Clara County	898,739	\$500,836	\$13,022	\$9,427	\$328,850	\$40,713	\$892,848	\$74,410	\$84,260
Santa Rosa, City	278,082	\$154,965	\$4,029	\$2,917	\$101,751	\$12,597	\$276,259	\$23,030	\$24,340
Saratoga, City	14,304	\$7,971	\$207	\$150	\$5,234	\$648	\$14,210	\$1,190	\$1,240
Union City	19,989	\$11,139	\$290	\$210	\$7,314	\$905	\$19,858	\$1,660	\$1,900
Vallejo, City	373,864	\$208,342	\$5,417	\$3,921	\$136,798	\$16,936	\$371,414	\$30,960	\$36,660
Vallejo Sani.& Flood Control Dist	117,825	\$65,660	\$1,707	\$1,236	\$43,112	\$5,337	\$117,052	\$9,760	\$9,650
Watsonville, City	70,055	\$39,039	\$1,015	\$735	\$25,633	\$3,173	\$69,596	\$5,800	\$6,120
Winters, City	3,328	\$1,854	\$48	\$35	\$1,218	\$151	\$3,306	\$280	\$300

ABAG POWER - Levelized Charges

Attachment 5B

Customer	Estimated Annual Usage	Gas Cost	Distribution Shrinkage	Storage Costs	PG&E Pass-through Costs (1)	Program Expenses (2)	Total Cost	FY2011-12 Monthly Levelized Charge	FY2010-11 Monthly Levelized Charge
rate (\$/th):		\$0.557	2.6%	\$0.010	\$0.366	\$416,457 \$0.045			
TOTAL - Core	7,939,661	\$4,424,501	\$115,037	\$83,279	\$2,905,137	\$359,665	\$7,887,620	\$657,540	\$704,530
Rate (\$/th)		\$0.557	\$0.014	\$0.010	\$0.366	\$0.045	\$0.993		
	Total ABAG POWER Commodity Cost - Core:			\$0.582					
	Member Rate - Core:			\$0.628					
Non-Core									
			0.2%						
Contra Costa, County	0	\$0	\$0			\$0	\$0	\$0	\$0
San Mateo County	275,164	\$153,339	\$307			\$12,465	\$166,111	\$13,850	\$14,180
Santa Rosa, City (Co-gen)	783,595	\$436,671	\$873			\$35,497	\$473,041	\$39,430	\$46,490
Watsonville, City (Co-gen)	194,946	\$108,636	\$217			\$8,831	\$117,685	\$9,810	\$10,680
TOTAL - Non-core	1,253,704	\$698,646	\$1,397	\$0	\$0	\$56,793	\$756,836	\$63,090	\$71,350
Rate (\$/th)		\$0.557	\$0.001	\$0.000	\$0.000	\$0.045	\$0.604		
	Total ABAG POWER Commodity Cost - Non-core:			\$0.558					
	Member Rate - Non-core:			\$0.604					
GRAND TOTAL (Core + Non-core)	9,193,366	\$5,123,148	\$116,434	\$83,279	\$2,905,137	\$416,457	\$8,644,456	\$720,630	\$775,880
							% Change:	-7.1%	

Working Capital Deposits: \$ 2,020,437
Months: 2.80

Notes:

- (1) Includes estimates for: Customer Charge, Transportation Charge, Public Purpose Programs surcharge, and franchise fee.
- (2) Program expenses less interest income.