



ABAG POWER Executive Committee Meeting No. 2010-03
June 16, 2010 (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 21, 2010
4. **Appointment to Executive Committee**
Action: Chairman's appointment of Becky Eaton to the Executive Committee, representing Contra Costa County.
5. **Report on Natural Gas Program**
Information: Staff will review recent gas operation, including gas purchases; the program's long-term hedge position, and other miscellaneous program items.
ATTACHMENT 5A – MONTHLY SUMMARY OF OPERATIONS FY 09-10
ATTACHMENT 5B – GAS HEDGE CHART
ATTACHMENT 5C – HISTORICAL MARKET PRICE CHART – GAS DAILY, LONG TERM
6. **Energy Data Pilot Project**
Information/**Action:** Staff will update the committee on information related to the Energy Data Pilot Project, and the response to the solicitation to members regarding program expansion.
7. **FY 2010-11 ABAG POWER Budget**
Action: Review and approve the ABAG POWER operating budget for FY 2010-11.
ATTACHMENT 7A – OPERATING BUDGET
ATTACHMENT 7A1 – NATURAL GAS LEVELIZED CHARGES
ATTACHMENT 7B – MARKET & FUTURES PRICE INDICES CHART
8. **Electric Direct Access**
Information: Staff will provide an update on the status of electric direct access (DA), and the potential for cost savings.
9. **ABAG Funding Applications**
Information: Status update of ABAG's new energy related programs and contract negotiations with PG&E, CEC and DOE.

*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 2010-02

April 21, 2010

Metro Center, ABAG's Conference Room B
101 8th Street, Oakland, CA 94607

WELCOME AND INTRODUCTIONS

Chairman John Cerini opened the meeting with introductions at 12:05 p.m.

Committee Representatives

Mark Armstrong
John Cerini (Chairman)
Raj Pankhania
Ron Popp
Richard Sealana
Chris Schroeder (Vice Chairman)

Jurisdictions

City of Santa Rosa
City of Vallejo
City of Hercules
City of Millbrae
City of Union City
City of Milpitas

Other Members Present

Becky Eaton County of Contra Costa

Members Absent

Jennifer Mennucci Golden Gate Bridge District

Staff Present

Herbert Pike ABAG
Vina Maharaj ABAG POWER
Kenneth Moy ABAG
Jerry Lahr ABAG POWER

PUBLIC COMMENTS & ANNOUNCEMENTS

No public comments. Becky Eaton attended the meeting from the County of Contra Costa as a member of the public.

Terry Mann, member of the Executive Committee, representing the County of Contra Costa since January 17, 2001 had retired as of April 1, 2010. The committee recognized Terry's long outstanding service to the ABAG POWER Executive Committee.

MEMORANDUM

ASSOCIATION OF BAY AREA GOVERNMENTS

Representing City and County Governments of the San Francisco Bay Area

Attachment 3A



APPROVAL OF SUMMARY MINUTES OF FEBRUARY 17, 2010.

Motion was made by Popp/S/Sealana/C/6:0:0 to approve the Summary Minutes of February 17, 2010 Executive Committee Meeting.

REPORT ON NATURAL GAS PROGRAM

Monthly Summary of Operations FY 09-10

Lahr provided the members with the Monthly Summary of Operations report for FY 2009-10. He said that the cumulative savings in comparison with PG&E is still a significant -16.0%, however, this has improved compared to the prior six months. Lahr expects this percentage to get lower as we move forward.

Gas Hedge Chart

Lahr provided the members with a gas hedge chart indicating long term gas purchases. He mentioned that a two-year term purchase to begin July, 2010 until June, 2012, was acquired at a price of \$5.90 per therm.

Lahr explained to the members, the complexity and dynamics of purchasing gas in the fluctuating and volatile market. It was agreed that staff follow the already established guidelines as previously set by the committee at its December 16, 2009 meeting.

2010-2011 Budget Preview

Lahr provided a preliminary budget for Fiscal year ending June 30, 2011.

NBAA Unwinding

Lahr said he had a discussion with PG&E regarding the idea of having multiple NBAA's. While PG&E agreed on the possibility of such an idea, it seemed to involve some work in order to accommodate it. The scheduler (GVGS) was also concerned about the technical difficulties and potential risks of the process, and therefore this route was not taken. Staff went ahead with unwinding the NBAA at this point and have the flexibility to reform it if needed.

ABAG POWER's involvement with gas proceedings before the California Energy Commission

ABAG POWER is currently involved with two proceedings before the California Energy Commission, 1) The Biannual Cost Allocation Process (BCAP); 2) Gas Transmission and Storage (GT&S) Rate Case. Lahr mentioned that ABAG POWER had joined another Core Transportation Agent (CTA) to file comments in the BCAP proceeding, and that POWER along with many other CTAs were involved in settlement discussions with PG&E in the GT&S rate case. If a settlement is not reached the group of CTAs is considering hiring formal legal counsel to represent them in the proceeding.

MEMORANDUM

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Attachment 3A



ENERGY DATA PILOT REPORT

At the request of the Committee at its last meeting, Lahr provided comments from Chris Schroeder of the City of Milpitas which was the Pilot city for the Energy Data Pilot Project.

Members requested Staff to send out a memo to the membership and gauge their interest in the program.

CONTRACT EXTENSION FOR NATURAL GAS SCHEDULING

Motion was made by Armstrong/S/Schroeder/C/6:0:0 to approve contract extension with Golden Valley Gas Services for the period July 1, 2010 to June 30, 2012.

ELECTRIC DIRECT ACCESS

Lahr provided an update on the status of electric direct access (DA), and the CPUC's proceeding to increase non-residential customers' access to DA. The consensus was that this was something worth looking into for the future. A suggestion was made to get an expert to present to the committee on the various subjects including legislation and administrative requirements.

ABAG FUNDING APPLICATIONS

Lahr provided the members with an update on the current ABAG proposals. Under the PG&E Green Communities program, two work authorizations are being sought, one to provide green house gas inventory assistance to local governments and the other to provide energy use benchmarking assistance to local governments.

In early February, the California Energy Commission accepted ABAG's proposal entitled Retrofit Bay Area: Comprehensive Residential Building Retrofit Program for a \$10,750,000 funding. ABAG is in the process of executing the contract which has to be approved at an Energy Commission meeting on May 19. Also, ABAG just received word that the "Retrofit California" proposal lead by LA County was approved for funding by the DOE. ABAG is a sub-recipient on this proposal.

ADJOURNMENT

Chairman Cerini adjourned the meeting at 2:00 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 = abstentions

ABAG POWER Natural Gas Program

FY 2009-10 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	15,500	14,000	15,500	15,000	15,500		167,500
	Price	\$7.90	\$7.90	\$7.90	\$7.90	\$7.90	\$7.90	\$7.90	\$7.90	\$7.90	\$7.90	\$7.90		
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	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	\$7.50	
Purchase 3	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	\$5.81	\$5.81	\$5.81	\$5.81	\$5.81	\$5.81	\$5.81	\$5.81	\$5.81	\$5.81	\$5.81	\$5.81	
Purchase 4	Qty	9,145	9,455	8,520	8,215	7,800	15,500	15,500	15,850	8,029	6,690	4,774		109,478
	Price	\$3.09	\$3.19	\$2.54	\$3.75	\$4.95	\$5.95	\$5.95	\$5.64	\$4.87	\$4.08	\$4.14		
Purchase 5	Qty	3,950	3,400	5,300	11,600	21,150	33,754	27,529	7,252	24,450	30,200	25,400		193,985
	Price	\$3.52	\$3.29	\$3.57	\$5.01	\$4.35	\$5.66	\$5.98	\$5.57	\$4.86	\$4.48	\$4.34		
Total Quantity Purchased		59,595	59,355	58,820	66,315	73,950	95,754	89,529	65,102	78,979	81,890	76,674	30,000	835,963
Total Purchase Cost		\$370,935	\$370,069	\$358,713	\$417,687	\$448,824	\$611,941	\$585,645	\$426,751	\$486,727	\$480,885	\$458,857	\$199,650	\$5,216,684
Backbone Shrinkage (Dths)		(527)	(527)	(510)	(527)	(540)	(558)	(558)	(504)	(558)	(540)	(527)		
Weighted Avg. Cost of Gas (WACOG) ⁽²⁾		\$6.28	\$6.29	\$6.15	\$6.35	\$6.11	\$6.43	\$6.58	\$6.61	\$6.21	\$5.91	\$6.03	\$6.66	\$6.24
Storage/Inventory														
Total Injections/ (Withdrawals)		7,450	8,550	8,200	7,800	(5,529)	(12,897)	(18,220)	(17,630)	(15,500)	0	7,098		(30,678)
Total Inventory Quantity (Dths)		57,726	66,276	74,476	82,276	76,747	63,850	45,630	28,000	12,500	12,500	19,598		
Total Inventory (\$)		\$375,630	\$418,449	\$456,254	\$504,338	\$470,446	\$391,390	\$279,704	\$171,635	\$76,623	\$76,623	\$118,590		
Gas Program Monthly Expenses (from Financial Reports)														
Cost of Energy Used ⁽³⁾		\$ 386,034	\$ 355,073	\$ 359,103	\$ 384,659	\$ 498,715	\$ 612,151	\$ 775,590	\$ 534,806	\$ 581,728	\$ 480,885			\$ 4,968,743
Program Operating Expenses ⁽⁴⁾		26,373	27,179	29,956	29,929	31,437	32,952	20,365	24,036	36,278	29,004			287,510
Subtotal		\$ 412,407	\$ 382,252	\$ 389,059	\$ 414,589	\$ 530,152	\$ 645,102	\$ 795,955	\$ 558,842	\$ 618,006	\$ 509,889	\$ -	\$ -	\$ 5,256,253
Rate (\$/Dth)		\$7.40	\$7.42	\$7.29	\$6.52	\$6.58	\$6.03	\$7.59	\$6.57	\$6.98	\$6.60			\$6.85
PG&E Pass-through costs ⁽⁵⁾		125,983	118,275	103,515	200,519	148,869	291,233	311,044	319,350	322,426	223,028			2,164,241
Total ABAG POWER Cost		\$ 538,390	\$ 500,527	\$ 492,574	\$ 615,108	\$ 679,022	\$ 936,335	\$ 1,106,999	\$ 878,192	\$ 940,431	\$ 732,916			\$ 7,420,494
Actual (metered) Gas Usage														
Core ⁽⁶⁾		43,193	41,093	40,716	53,714	72,653	96,309	94,695	75,902	78,785	67,612			664,672
Non Core		12,570	10,442	12,669	9,842	7,945	10,708	10,136	9,135	9,701	9,696			102,844
Total Program Usage		55,763	51,535	53,385	63,556	80,598	107,017	104,831	85,037	88,486	77,309	0	0	767,515
ABAG POWER Total Core Rate		\$ 10.31	\$ 10.30	\$ 9.83	\$ 10.26	\$ 8.63	\$ 9.05	\$ 10.88	\$ 10.78	\$ 11.08	\$ 9.89			
PG&E Rate⁽⁷⁾														
Procurement Charge ⁽⁸⁾		4.95	4.99	4.32	5.13	5.99	5.29	5.80	6.24	5.27	5.41	4.73	4.90	
Transportation/Other Charge ⁽⁹⁾		2.92	2.88	2.54	3.73	2.05	3.02	3.28	4.21	4.09	3.30			
Total PG&E Rate		\$ 7.87	\$ 7.87	\$ 6.87	\$ 8.86	\$ 8.04	\$ 8.31	\$ 9.08	\$ 10.45	\$ 9.36	\$ 8.71	\$ 4.73	\$ 4.90	
Monthly Rate Difference (\$/Dth)		2.44	2.43	2.96	1.40	0.59	0.74	1.80	0.33	1.71	1.19			
Monthly Savings (\$)		(105,483)	(99,751)	(120,691)	(74,972)	(42,689)	(71,139)	(170,017)	(25,218)	(134,868)	(80,182)			
Cumulative Savings (\$)		(105,483)	(205,234)	(325,925)	(400,897)	(443,586)	(514,726)	(684,743)	(709,960)	(844,829)	(925,011)			
Cumulative Savings (%)		-31.0%	-30.9%	-34.6%	-28.3%	-22.1%	-18.4%	-18.7%	-15.9%	-16.3%	-16.0%			

ABAG POWER Natural Gas Program

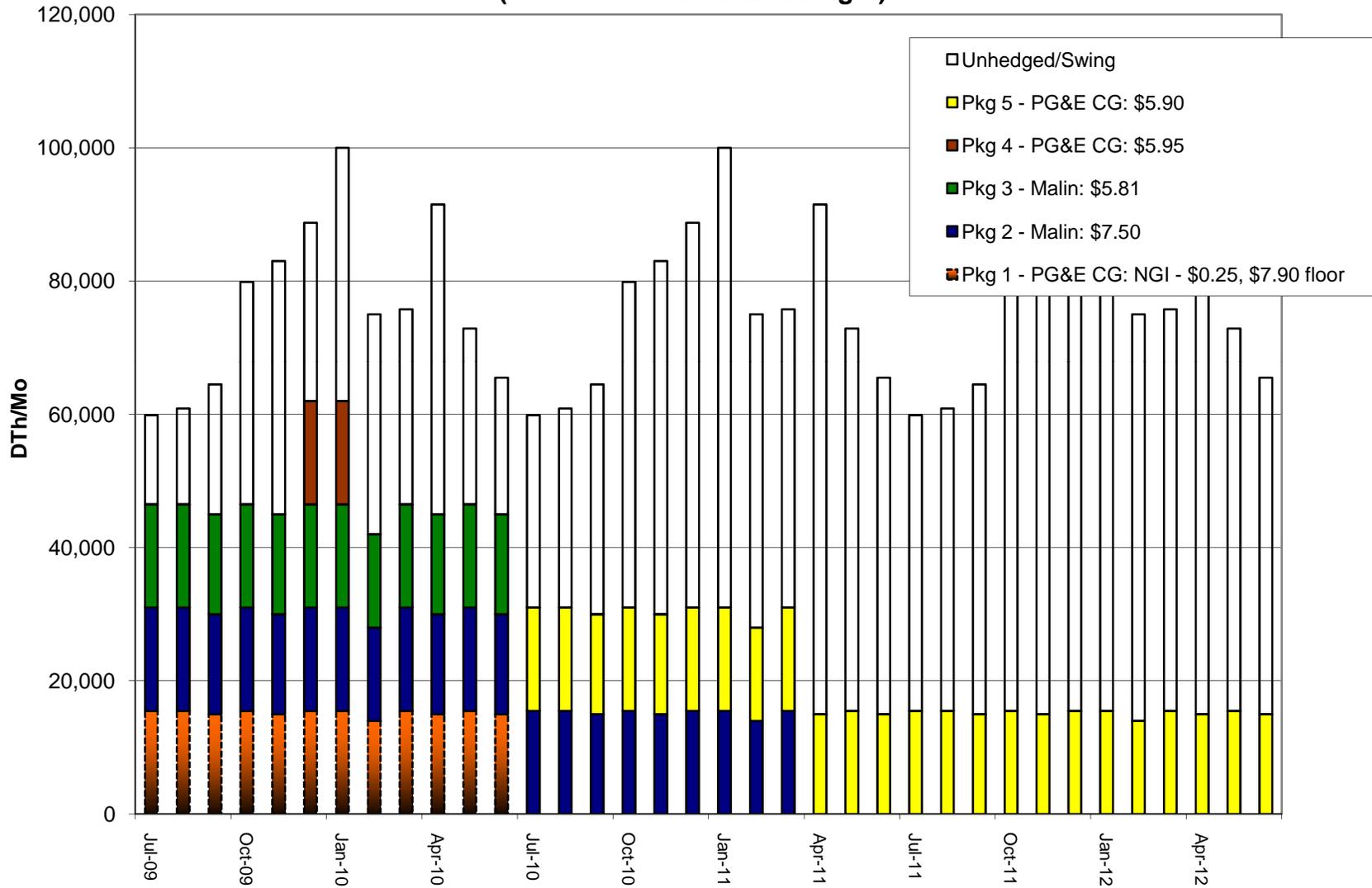
FY 2009-10 Monthly Summary of Operations

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
<u>Storage Gas Accounting</u>													
Beginning Quantity	50,276												
Average Price	\$6.90												
Beginning of Month Qty	50,276	57,726	66,276	74,476	82,276	76,747	63,850	45,630	28,000	12,500	12,500	19,598	
Injections Qty	0	0	204	450	0	0	0	0	0	0	100		
Storage Shrinkage Qty			-4	-6							-2		
Price	\$0.00	\$0.00	\$6.15	\$6.35	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6.03	\$0.00	
Imbalance Trades Qty	7,450	8,550	8,000	7,800	-1,500			-1,290	-6,000		7,000		
Price	\$3.85	\$5.01	\$4.57	\$6.15	\$6.13			\$6.13	\$6.13		\$5.91		
Withdrawals Qty				444	4,029	12,897	18,220	16,340	9,500	0	0		
Price	\$6.90	\$6.51	\$6.31	\$6.13	\$6.13	\$6.13	\$6.13	\$6.13	\$6.13	\$6.13	\$6.13	\$6.05	
End of Month Qty	57,726	66,276	74,476	82,276	76,747	63,850	45,630	28,000	12,500	12,500	19,598	19,598	
Avg. Pric	\$6.51	\$6.31	\$6.13	\$6.13	\$6.13	\$6.13	\$6.13	\$6.13	\$6.13	\$6.13	\$6.05		
End of Month Inventory	\$375,630	\$418,449	\$456,254	\$504,338	\$470,446	\$391,390	\$279,704	\$171,635	\$76,623	\$76,623	\$118,590		
Monthly Index Postings													
NGI Bidweek for PG&E Citygate	\$3.42	\$3.61	\$2.92	\$4.07	\$5.29	\$5.12	\$6.37	\$5.73	\$5.15	\$4.46	\$4.52	\$4.29	
Gas Daily Avg. for PG&E Citygate	\$3.43	\$3.38	\$3.53	\$4.84	\$4.27	\$5.90	\$6.00	\$5.54	\$4.79	\$4.47	\$4.31		
NGI Bidweek for Malin	\$3.07	\$3.17	\$2.53	\$3.73	\$4.88	\$4.75	\$5.95	\$5.55	\$4.85	\$4.06	\$4.12	\$3.86	

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. Excludes costs of Energy Data Pilot Project.
- (5) Actual cost of PG&E charges billed to customer via EDI process. 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.

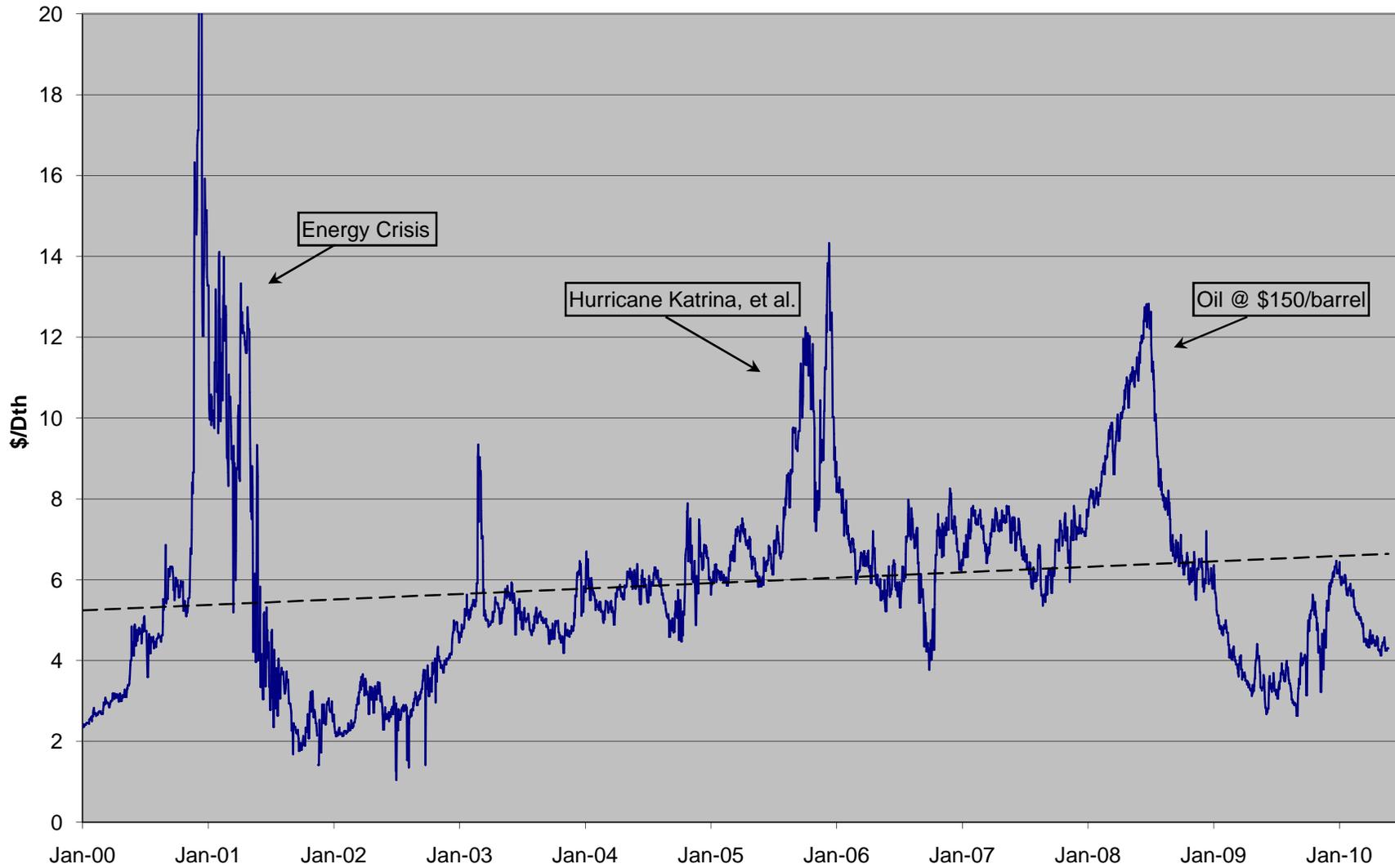
**ABAG POWER Long Term Gas Purchases
(Contracts > 1 month in length)**



Historical Market Price Chart Gas Daily, Long Term

Agenda Item 5C

'Gas Daily' Daily Average - PG&E Citygate



ABAG POWER
Operating Budget
 Fiscal Year Ending June 30, 2011

	<u>Electricity</u>			<u>Natural Gas</u>			<u>Total</u>
	<u>FY 2009-10</u> <u>Approved (1)</u>	<u>FY 2009-10</u> <u>Projected</u>	<u>FY 2010-11</u> <u>Proposed</u>	<u>FY 2009-10</u> <u>Approved (1)</u>	<u>FY 2009-10</u> <u>Projected</u>	<u>FY 2010-11</u> <u>Proposed</u>	<u>FY 2010-11</u> <u>Proposed</u>
Revenues							
Sale of Energy	\$ -	\$ -	\$ -	\$ 9,721,109	\$ 9,782,303	\$ 9,307,278	\$ 9,307,278
Interest Income - Banks/LAIF				60,000	25,990	30,000	30,000
Members Balancing Account	23,545	7,717	-	-	-	-	-
Total revenues	<u>23,545</u>	<u>7,717</u>	<u>-</u>	<u>9,781,109</u>	<u>9,808,293</u>	<u>9,337,278</u>	<u>9,337,278</u>
Cost of energy							
Cost of Energy Used	-	-	-	6,584,696	5,808,743	6,136,453	6,136,453
PG&E Pass-Through Costs	-	-	-	2,733,750	2,564,241	2,761,186	2,761,186
Total cost of energy	-	-	-	9,318,446	8,372,985	8,897,639	8,897,639
Other Energy Costs							
Meter fees	-	-	-	-	-	-	-
Total Other Energy Costs	-	-	-	-	-	-	-
Energy Data System Upgrade (2)				40,000	15,550	-	-
Program Expenses							
Billing Costs, external				9,500	(1,500)	10,200	10,200
Amortized Billing Software Costs				14,221	14,221	14,221	14,221
Scheduling agent fees				36,750	36,840	37,761	37,761
ABAG fees	23,545	7,717	-	347,191	330,064	354,456	354,456
Interest Expense/Bank Charges				10,000	17,957	18,000	18,000
Legal Expenses (outside)				5,000	-	5,000	5,000
Other Expenses	-	-	-	-	-	-	-
Total Program Expenses	<u>23,545</u>	<u>7,717</u>	<u>-</u>	<u>422,662</u>	<u>397,582</u>	<u>439,638</u>	<u>439,638</u>
Total expenses	<u>23,545</u>	<u>7,717</u>	<u>-</u>	<u>9,781,109</u>	<u>8,786,117</u>	<u>9,337,278</u>	<u>9,337,278</u>
True-up Adjustment	-	-	-	-	1,022,177	-	-
				Core Annual Usage (Dths):	821,527	762,811	798,359
				Noncore Annual Usage (Dths):	124,248	123,413	125,581
				Core Gas Commodity (\$/Dth):	\$6.80	\$6.55	\$6.68
				Noncore Gas Commodity (\$/Dth):	\$6.67		\$6.37
				PG&E Pass-through (\$/Dth):	\$3.23	\$3.36	\$3.46
				Program Expenses (3) (\$/Dth):	\$0.41	\$0.45	\$0.44
				Core Total Rate (\$/Dth):	\$10.45	\$10.36	\$10.59
				Noncore Total Rate (\$/Dth):	\$7.09		\$6.82

Notes:

(1) Approved budget June 2009.

(2) Approved at Oct. 2008 Annual Board Meeting.

(3) Program expenses minus interest income. Rate includes cost of Energy Data System Upgrade.

ABAG POWER - Levelized Charges

Attachment 7A1

Customer	Estimated Annual Usage	Gas Cost	Distribution Shrinkage	Storage Costs	PG&E Pass-through Costs (1)	Program Expenses (2)	Total Cost	FY2010-11 Monthly Levelized Charge	FY2009-10 Monthly Levelized Charge
						\$409,638			
rate (\$/th):		\$0.636	3.0%	\$0.013	\$0.346	\$0.044			
<u>Core</u>									
Alameda, City	204,755	\$130,240	\$3,907	\$2,706	\$70,816	\$9,078	\$216,747	\$18,070	\$19,210
Albany, City	10,716	\$6,817	\$204	\$142	\$3,706	\$475	\$11,344	\$950	\$1,740
Atherton, Town	6,430	\$4,090	\$123	\$85	\$2,224	\$285	\$6,806	\$570	\$580
Benicia, City	70,360	\$44,754	\$1,343	\$930	\$24,334	\$3,119	\$74,481	\$6,210	\$6,660
Contra Costa County GSD	1,471,305	\$935,868	\$28,076	\$19,445	\$508,862	\$65,232	\$1,557,482	\$129,800	\$127,830
Cupertino, City	55,839	\$35,518	\$1,066	\$738	\$19,313	\$2,476	\$59,110	\$4,930	\$5,020
Eastside Union H.S. District	94,166	\$59,897	\$1,797	\$1,244	\$32,568	\$4,175	\$99,681	\$8,310	\$9,290
Fremont, City	213,286	\$135,667	\$4,070	\$2,819	\$73,767	\$9,456	\$225,779	\$18,820	\$18,970
Gonzales, City	11,777	\$7,491	\$225	\$156	\$4,073	\$522	\$12,467	\$1,040	\$1,200
Golden Gate Bridge	79,745	\$50,724	\$1,522	\$1,054	\$27,580	\$3,536	\$84,415	\$7,040	\$7,180
Half Moon Bay, City	4,789	\$3,046	\$91	\$63	\$1,656	\$212	\$5,069	\$430	\$410
Hercules, City	40,709	\$25,894	\$777	\$538	\$14,080	\$1,805	\$43,094	\$3,600	\$3,510
Los Altos, City	30,542	\$19,427	\$583	\$404	\$10,563	\$1,354	\$32,331	\$2,700	\$2,880
Mill Valley, City	83,298	\$52,985	\$1,590	\$1,101	\$28,809	\$3,693	\$88,177	\$7,350	\$7,630
<u>Millbrae, City</u>									
Millbrae, City	34,747	\$22,102	\$663	\$459	\$12,017	\$1,541	\$36,782	\$3,070	\$3,310
Millbrae WWTP	104,455	\$66,442	\$1,993	\$1,380	\$36,126	\$4,631	\$110,573	\$9,220	\$9,280
Millbrae Total	139,201	\$88,543	\$2,656	\$1,840	\$48,144	\$6,172	\$147,355	\$12,290	\$12,590
Milpitas, City	172,168	\$109,513	\$3,285	\$2,275	\$59,546	\$7,633	\$182,252	\$15,190	\$15,230
Monte-Sereno, City	1,211	\$770	\$23	\$16	\$419	\$54	\$1,282	\$110	\$110
Moraga, Town	7,988	\$5,081	\$152	\$106	\$2,763	\$354	\$8,456	\$710	\$700
<u>Napa County</u>									
Napa County001	1,615	\$1,027	\$31	\$21	\$558	\$72	\$1,709	\$150	\$160
Napa County002	20,466	\$13,018	\$391	\$270	\$7,078	\$907	\$21,665	\$1,810	\$1,870
Napa County004	8,745	\$5,562	\$167	\$116	\$3,024	\$388	\$9,257	\$780	\$790
Napa County005	97,873	\$62,255	\$1,868	\$1,293	\$33,850	\$4,339	\$103,606	\$8,640	\$9,700
Napa County Total	128,699	\$81,863	\$2,456	\$1,701	\$44,511	\$5,706	\$136,237	\$11,380	\$12,520

ABAG POWER - Levelized Charges

Attachment 7A1

Customer	Estimated Annual Usage	Gas Cost	Distribution Shrinkage	Storage Costs	PG&E Pass-through Costs (1)	Program Expenses (2)	Total Cost	FY2010-11 Monthly Levelized Charge	FY2009-10 Monthly Levelized Charge
						\$409,638			
rate (\$/th):		\$0.636	3.0%	\$0.013	\$0.346	\$0.044			
<u>Oakland, City</u>									
Oakland, City	752,338	\$478,547	\$14,356	\$9,943	\$260,202	\$33,356	\$796,403	\$66,370	\$75,470
Oakland Zoological	14,631	\$9,307	\$279	\$193	\$5,060	\$649	\$15,488	\$1,300	\$1,390
Oakland, City Total	766,969	\$487,854	\$14,636	\$10,136	\$265,262	\$34,004	\$811,892	\$67,670	\$76,860
Orinda, City	12,515	\$7,960	\$239	\$165	\$4,328	\$555	\$13,248	\$1,110	\$640
Pacifica, City	27,198	\$17,300	\$519	\$359	\$9,406	\$1,206	\$28,791	\$2,400	\$2,550
Petaluma, City	23,693	\$15,071	\$452	\$313	\$8,195	\$1,050	\$25,081	\$2,100	\$2,260
Pleasanton, City	179,245	\$114,014	\$3,420	\$2,369	\$61,993	\$7,947	\$189,744	\$15,820	\$17,020
Regional Admin. Facility	52,156	\$33,175	\$995	\$689	\$18,038	\$2,312	\$55,211	\$4,610	\$4,900
Richmond, City	232,402	\$147,826	\$4,435	\$3,071	\$80,378	\$10,304	\$246,014	\$20,510	\$21,790
Salinas, City	143,769	\$91,449	\$2,743	\$1,900	\$49,724	\$6,374	\$152,190	\$12,690	\$19,650
San Carlos, City	61,572	\$39,164	\$1,175	\$814	\$21,295	\$2,730	\$65,178	\$5,440	\$6,050
<u>San Mateo County</u>									
San Mateo County006	677,798	\$431,133	\$12,934	\$8,958	\$234,421	\$30,051	\$717,497	\$59,800	\$58,600
San Mateo County007	681,310	\$433,368	\$13,001	\$9,004	\$235,636	\$30,207	\$721,215	\$60,110	\$61,060
San Mateo County008	5,923	\$3,767	\$113	\$78	\$2,048	\$263	\$6,270	\$530	\$530
San Mateo County009	7,720	\$4,911	\$147	\$102	\$2,670	\$342	\$8,173	\$690	\$730
San Mateo County011	34,732	\$22,092	\$663	\$459	\$12,012	\$1,540	\$36,766	\$3,070	\$3,170
San Mateo County013	55,405	\$35,242	\$1,057	\$732	\$19,162	\$2,456	\$58,650	\$4,890	\$4,650
San Mateo County015	252,392	\$160,542	\$4,816	\$3,336	\$87,292	\$11,190	\$267,176	\$22,270	\$21,890
San Mateo County016	9,541	\$6,069	\$182	\$126	\$3,300	\$423	\$10,100	\$850	\$900
San Mateo County Total	1,724,821	\$1,097,124	\$32,914	\$22,795	\$596,542	\$76,472	\$1,825,847	\$152,210	\$151,530
San Rafael, City	67,991	\$43,248	\$1,297	\$899	\$23,515	\$3,014	\$71,973	\$6,000	\$6,240
Santa Clara County	955,169	\$607,564	\$18,227	\$12,623	\$330,352	\$42,348	\$1,011,115	\$84,260	\$94,040
Santa Rosa, City	275,909	\$175,500	\$5,265	\$3,646	\$95,425	\$12,233	\$292,070	\$24,340	\$25,800
Saratoga, City	14,027	\$8,922	\$268	\$185	\$4,851	\$622	\$14,849	\$1,240	\$1,200
Union City	21,536	\$13,698	\$411	\$285	\$7,448	\$955	\$22,797	\$1,900	\$1,950
Vallejo, City	415,508	\$264,296	\$7,929	\$5,491	\$143,707	\$18,422	\$439,845	\$36,660	\$35,940
Vallejo Sani.& Flood Control Dist	109,377	\$69,572	\$2,087	\$1,446	\$37,829	\$4,849	\$115,783	\$9,650	\$10,920
Watsonville, City	69,362	\$44,120	\$1,324	\$917	\$23,989	\$3,075	\$73,424	\$6,120	\$6,680
Winters, City	3,392	\$2,158	\$65	\$45	\$1,173	\$150	\$3,591	\$300	\$310

ABAG POWER - Levelized Charges

Attachment 7A1

Customer	Estimated Annual Usage	Gas Cost	Distribution Shrinkage	Storage Costs	PG&E Pass-through Costs (1)	Program Expenses (2)	Total Cost	FY2010-11 Monthly Levelized Charge	FY2009-10 Monthly Levelized Charge
						\$409,638			
rate (\$/th):		\$0.636	3.0%	\$0.013	\$0.346	\$0.044			
TOTAL - Core	7,983,594	\$5,078,205	\$152,346	\$105,511	\$2,761,186	\$353,961	\$8,451,208	\$704,530	\$739,590
Rate (\$/th)		\$0.636	\$0.019	\$0.013	\$0.346	\$0.044	\$1.059		
	Total ABAG POWER Commodity Cost - Core:			\$0.668					
	Member Rate - Core:			\$0.713					
Non-Core			0.2%						
Contra Costa, County	0	\$0	\$0			\$0	\$0	\$0	\$0
San Mateo County	249,607	\$158,770	\$318			\$11,067	\$170,154	\$14,180	\$14,590
Santa Rosa, City (Co-gen)	818,249	\$520,472	\$1,041			\$36,278	\$557,791	\$46,490	\$46,890
Watsonville, City (Co-gen)	187,951	\$119,552	\$239			\$8,333	\$128,124	\$10,680	\$11,930
TOTAL - Non-core	1,255,808	\$798,794	\$1,598	\$0	\$0	\$55,677	\$856,069	\$71,350	\$73,410
Rate (\$/th)		\$0.636	\$0.001	\$0.000	\$0.000	\$0.044	\$0.682		
	Total ABAG POWER Commodity Cost - Non-core:			\$0.637					
	Member Rate - Non-core:			\$0.682					
GRAND TOTAL (Core + Non-core)	9,239,402	\$5,876,999		\$105,511	\$2,761,186	\$409,638	\$9,307,278	\$775,880	\$813,000
							% Change:	-4.6%	
							Working Capital Deposits:	\$ 2,020,437	
							Months:	2.60	

Notes:

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

Market & Futures Price Indices @ PG&E Citygate

