## **ABAG Publicly Owned Energy Resources (ABAG POWER)**

## **Executive Committee**

August 21, 2019	Agenda Item 5.a									
	Report on Natural Gas Program									
Subject:	Monthly Summary of Operations, FY 2018-19									
Background:	During the current fiscal year, natural gas prices have seen significant volatility. Daily prices per dekatherm at PG&E's Citygate have ranged from \$1.64 to \$17.78, averaging \$3.93, about 23% higher than the five-year average. Pacific Gas and Electric Company's (PG&E) small commercial procurement rate during this same time averaged \$3.03.									
	The program continues to purchase gas exclusively in daily and monthly markets within California, Oregon, and Alberta, Canada.									
	Preliminary (unaudited) financial statements through June, 2019, indicate:									
	<ul> <li>Cumulative savings figure of -10.9% when compared to PG&amp;E's small commercial rate, the rate under which most accounts would be categorized in PG&amp;E's procurement.</li> <li>Year-end balance of approximately \$51,000 to be returned to members through the annual true-up.</li> </ul>									
Recommended Action:	None.									
Issues:	None.									
Attachments:	Monthly Summary of Operations, FY 2018-19									
Reviewed:	Brad Paul									

# **Agenda Item 5.a. - Monthly Summary of Operations, FY 2018-19** August 21, 2019 Page 1 of 2

	ВС	D	E	F	G	Н	1	J	К	L	М	N	0	Р	Q
2			Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Total
	Gas Purchases <sup>(1)</sup>	_													
5		Qty	30,974	31,000	29,828	30,791	30,000	31,000	31,000	15,400	21,080	20,400		20,400	312,904
6		Price Qty	\$2.31 15,400	\$2.50 18,600	\$2.38 20,350	\$2.33 13,800	\$3.36 18,200	\$6.05 27,400	\$4.27 44,100	\$3.44 32,000	\$3.96 22,900	\$2.60 15,950		\$2.01 2,300	246,563
8		ત્રાપ્ર Price	\$3.02	\$3.34	\$3.15	\$3.76	\$5.28	\$4.77	\$3.71	\$7.35	\$4.08	\$3.35		\$2.64	240,303
9		Qty	Ψ0.02	ψ0.04	ψ0.10	ψ0.70	ψ0.20	ψ-1.77	ψ0.7 1	22,288	30,535	28,565		29,550	140,191
7 8 9 10		Price								\$2.50	\$2.08	\$0.69		\$0.40	,
11		-								·	·	•			
12 13	Total Quantity Purchased		46,374	49,600	50,178	44,591	48,200	58,400	75,100	69,688	74,515	64,915		52,250	699,658
13	Total Purchase Cost		\$117,931	\$139,633	\$135,097	\$123,641	\$196,909	\$318,179	\$295,964	\$343,834	\$240,263	\$126,185	\$131,142	\$58,912	
14	Backbone Shrinkage (Dths)		(373)	(372)	(366)	(380)	(330)	(341)	(341)	(1,226)	(1,643)	(1,421)		(1,387)	
15	WACOG <sup>(2)</sup>		\$2.56	\$2.84	\$2.71	\$2.80	\$4.11	\$5.48	\$3.96	\$5.02	\$3.30	\$1.99	\$2.03	\$1.16	
16															
18	Storage/Inventory Total Injections/ (Withdrawals)		6.961	6.854	7.327	8.229	(11,100)	(19.100)	(14.950)	(16.400)	(3,994)	6.592	6.812	6.592	(16.077)
10	Total Injections/ (Withdrawais) Total Inventory Quantity (Dths)		43,034	49.888	7,327 57,215	65,444	54,344	35,244	(14,850) 20,394	3.994	(3,994)	6,592		19,996	(16,077)
20	Total Inventory (\$)		\$127,019	\$144,593	\$165,372	\$187,689	\$155,854	\$101,076	\$58,486	\$11,451	\$0	\$13,101	\$26,953	\$37,360	
19 20 21	Avg. Inventory Rate (\$/Dth)		\$2.95	\$2.90	\$2.89	\$2.87	\$2.87	\$2.87	\$2.87	\$2.87	\$0.00	\$1.99	\$2.01	\$1.87	
22	ring: inventory rtate (4,5 ii)		Ψ2.00	Ψ2.00	Ψ2.00	<b>\$2.0</b> .	Ψ2.01	Ψ2.01	ψ2.07	Ψ2.01	ψ0.00	ψ1.00	Ψ2.0 .	ψ	
23	Gas Program Monthly Expenses (from	n Financial Rep	orts)												
24	Cost of Energy Used <sup>(3)</sup>		\$ 113,612	\$ 135,589	\$ 128,268	115,593 \$	237,496	\$ 395,814	\$ 364,216 \$	434,202	281,199 \$	162,033	\$ 163,079	99,332	\$ 2,630,433
25	Program Operating Expenses <sup>(4)</sup>		9,366	30,455	69,647	14,818	47,273	38,223	15,347	26,241	26,117	15,452	37,521	46,385	376,844
26	Subtotal		\$ 122,978	\$ 166,044	\$ 197,915	130,411 \$	284,769	\$ 434,037	\$ 379,562 \$	460,444		177,485	\$ 200,600	145,716	\$ 3,007,276
27	Rate (\$/Dth)		\$3.07	\$3.97	\$4.81	\$2.70	\$4.86	\$5.68	\$4.71	\$5.77	\$4.22	\$3.58	\$4.19	\$4.01	\$4.47
26 27 28 29															
29	PG&E Pass-through Costs <sup>(5)</sup>		218,780	267,111	263,339	211,936	323,387	453,597	514,059	508,699	589,315	537,412	321,960	341,252	4,550,848
30	Total ABAG POWER Cost		\$ 341,758	\$ 433,155	\$ 461,254	342,347	608,156	\$ 887,634	\$ 893,621	969,143	896,631	714,897	\$ 522,560	486,969	\$ 7,558,124
31															
	Actual (metered) Gas Usage														
33 34 35	Core <sup>(6)</sup>		33,133	35,377	34,948	42,460	53,697	70,654	74,074	72,934	66,689	44,377	42,002	31,306	601,650
34	Non Core		<u>6,939</u>	<u>6,415</u>	<u>6,226</u>	<u>5,845</u>	4,906	<u>5,743</u>	<u>6,583</u>	<u>6,917</u>	<u>6,051</u>	<u>5,134</u>		<u>5,062</u>	71,711
35	Total Program Usage		40,072	41,792	41,174	48,305	58,603	76,397	80,657	79,851	72,740	49,511	47,891	36,368	673,361
	ABAG POWER Total Core Rate		\$ 9.67	\$ 11.52	\$ 12.34 \$	7.69 \$	10.88	\$ 12.10	\$ 11.65 \$	12.74	13.06 \$	15.70	\$ 11.85	14.91	
38	ABAG FOWER Total Core Rate		φ 9.07	φ 11.J <u>Z</u>	φ 12.54	7.0 <del>9</del> <del>q</del>	10.00	φ 12.10	φ 11.05 4	12.74	) 13.00 <u>\$</u>	13.70	ψ 11.05 ¢	14.51	
39															
	DO0 5 D-4-(7)														
40	PG&E Rate <sup>(7)</sup> Procurement Charge <sup>(8)</sup>		2.09	2.72	2.40	2.57	3.37	4.13	4.17	4.42	3.71	2.96	\$2.02	1.90	
42	Transportation/Other Charge <sup>(9)</sup>		6.60	7.55	7.54	4.99	6.02	6.42	6.94	6.97	8.84	12.11	7.67	10.90	
43	Total PG&E Rate		\$ 8.69	\$ 10.27	\$ 9.93	7.57	9.39	\$ 10.55	<u>\$ 11.11</u>	11.40	12.55	15.07	\$ 9.68	12.80	
44															
	Monthly Index Postings														
46	NGI Bidweek for PG&E Citygate		\$2.98	\$3.08	\$3.19	\$3.29	\$4.05	\$6.42	\$4.55	\$3.64	\$4.29	\$3.67		\$3.26	
47 48	Gas Daily Avg. for PG&E Citygate		\$3.00	\$3.32	\$3.13	\$3.73	\$5.01	\$5.02	\$3.69	\$7.55	\$4.02	\$3.23		\$2.52	
49	NGI Bidweek for Malin		\$2.30	\$2.49	\$2.37	\$2.33	\$3.35	\$6.04	\$4.26	\$3.43	\$3.95	\$2.59	\$1.94	\$2.00	
49															

### Agenda Item 5.a. - Monthly Summary of Operations, FY 2018-19

August 21, 2019

Page 2 of 2

	В С	D	E	F	G	Н	1	J	K	L	M	N	0	Р	Q
2			Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Total
50	50 Small Commercial (G-NR1) Rate Comparison														
	Monthly Rate Difference (\$/Dth)		0.98	1.25	2.41	0.12	1.49	1.56	0.53	1.35	0.51	0.62	2.17	2.10	
	Monthly Savings (\$)		(32,583)	(44,397)	(84,249)	(5,306)	(80,040)	(109,941)	(39,577)	(98,112)	(34,133)	(27,632)	(91,193)	(65,839)	
	Cumulative 'Savings' (\$)		(32,583)	(76,980)	(161,229)	(166,535)	(246,575)	(356,516)	(396,093)	(494,204)	(528,338)	(555,970)	(647,164)	(713,003)	
56	Cumulative 'Savings' (%)		-11.3%	-11.8%	-16.2%	-12.6%	-13.5%	-13.9%	-11.7%	-11.7%	-10.4%	-9.7%	-10.5%	-10.9%	
57															
	Additional Rate Comparisons														
	_arge Commercial (G-NR2) Cumulative		-15.1%	-15.3%	-19.7%	-16.3%	-17.2%	-17.5%	-15.1%	-15.0%	-13.6%	-12.7%	-13.6%	-14.0%	
	Residential (G1/GM) Cumulative Saving		-9.6%	-5.8%	-7.7%	0.1%	-3.8%	-3.8%	-0.8%	-2.0%	-0.4%	-0.4%	-1.4%	-0.9%	
	Natural Gas Vehicle (G-NGV1/2) Cumu	lative Savings	-15.4%	-8.8%	-9.8%	-1.4%	-5.5%	-5.3%	-1.9%	-3.0%	-1.1%	-0.7%	-1.7%	-1.2%	
74															
75															
	Notes:														
77				ance purchases	traded to storage	.)									
78															
79						orage costs.									
80															
81		WER via EDI pro	ocess and passe	d through to cus	tomers. These of	osts do not neces	sarily tie directly to	the actual gas us	sage shown abov	e due to timing dif	ference in reporti	ng.			
82															
83 (7) Based on PG&E's G-NR1 rate schedule.  84 (8) Includes: Procurement Charge, Capacity Charge, Brokerage Fee, Shrinkage, and Storage.															
						neticalists Franc	hina Fana and Cit	n. Tavaa							
85	(9) PG&E Transportation Charge; Cu	storner Charge, a	ind surcharge for	Public Purpose	Programs. Does	not include Franc	nise rees and Cil	y raxes.							
00															
86 87 88															
89															
89															