ABAG Publicly Owned Energy Resources (ABAG POWER)

Executive Committee

February 19, 2020 Agenda Item 5.a.

Report on Natural Gas Program

Subject: Monthly Summary of Operations

Background: During the current fiscal year, natural gas prices have seen

modest volatility. From July through December, daily prices per dekatherm at PG&E's Citygate have ranged from \$1.95 to \$3.94,

averaging \$3.01.

PG&E's small commercial procurement rate (G-NR1) – the rate under which most ABAG POWER accounts would be categorized

averaged \$3.12.

The program continues to purchase gas exclusively in daily and monthly markets within California, Oregon, and Alberta, Canada.

Preliminary (unaudited) financial statements through December

2019 indicate a cumulative savings figure of -5.8% when

compared to PG&E's G-NR1 rate.

Issues: None.

Recommended Action: None.

Attachment: Monthly Summary of Operations, FY 2019-20

DocuSigned by:

Reviewed: 2/10/2020

Brad Paul

Agenda Item 5.a. - Monthly Summary of Operations, FY 2019-20 February 19, 2020 Page 2 of 3

	В	С		D	Е	F	G	Н	ı	J	К		L	М		N		0	Р	Q
2					Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20		Feb-20	Mar-20		Apr-20	Ma	ay-20	Jun-20	Total
4		Purchases ⁽¹⁾																		
5		Purchase 1 - Oregon	Qty		19,368	18,684	18,585	19,082	15,000	15,496										106,215
6			Price		\$2.00	\$2.04	\$1.90	\$2.08	\$2.36	\$3.55										
7			<u> </u>			_														
9		Purchase 2 - California	Qty		2,900	0	8,505	16,800	18,250	19,500										65,955
10			Price		\$2.58	\$0.00	\$3.05	\$3.19	\$3.38	\$3.40										
11		Purchase 3 - Canada	Qty		26,655	26,314	25,228	25,340	20,020	22,165										145,722
12		ruicilase 5 - Callada	Price		\$0.54	\$0.90	\$0.95	\$1.33	\$1.89	\$2.12										145,722
13					ψο.σ.	φ0.00	ψ0.00	ψσσ	ψ1.00	V 22										
16		Total Quantity Purchased			48,923	44,998	52,318	61,222	53,270	57,161		0	0		0		0	0		0 317,892
17		Total Gas Purchase Cost		\$	60,620			\$ 127,019	\$ 134,849		-	\$	- \$	-	\$	-	\$	-	\$ -	\$637,779
18		Total Transportation Cost		\$	31,796	\$ 31,222			\$ 26,891											\$187,048
19		Backbone Shrinkage (Dths)			(1,421)	(1,561)		(1,424)	(1,211)	(1,270)										(8,275)
20		WACOG ⁽²⁾		\$	1.95	\$ 2.14	\$ 2.28	\$ 2.71	\$ 3.11	\$ 3.56										\$2.66
21																				
22	Stor	rage/Inventory	h)		10.033	11,029	2 404	9.769	3,770	(20.250)										17,352
23 24		Total Injections/Withdrawals (Dth Total Inventory Quantity (Dths)	1)		30,029	41,058	3,101 44,159	53,928	57,698	(20,350) 37,348										17,352
25		Total Inventory Value		\$		\$ 73,911														
26		Net Inventory Change in Value		\$		\$ 24,211		\$ 24,623												\$ 36,975
27		Avg. Inventory Rate (\$/Dth)		\$	-, -	\$ 1.80		\$ 1.97		\$ 2.08										, ,,,,,
28		Monthly Storage Cost (\$)		\$	11,994	\$ 11,994														
29																				
30	Gas	Program Monthly Expenses																		
31		Cost of Energy Used ⁽³⁾		\$	95,309	\$ 80,929	\$ 120,860	\$ 156,685	\$ 167,191	\$ 260,623										\$ 881,598
32		Staff Cost			15,416	16,566	20,076	19,198	85,687	26,355										\$ 183,297
33 34		Professional Fees & Related ⁽⁴⁾		_	9,722	33,659	2,891	11,674	4,593	4,006										66,545
34		Subtota	al		120,447	131,154	143,828	187,557	257,471	290,985		-	-		-		-	-		\$ 1,131,441
35		Rate (\$/Dth))		\$3.38	\$3.50	\$3.31	\$3.39	\$4.23	\$3.52										\$3.59
36																				
37		PG&E Pass-through Costs ⁽⁵⁾		_	187,976	180,831	231,820	188,757	369,289	461,613										1,620,286
38		Total ABAG POWER Cost	t	\$	308,423	\$ 311,985	\$ 375,648	\$ 376,314	\$ 626,760	\$ 752,598										\$ 2,751,727
39																				
40		ual (metered) Gas Usage																		
41		Core ⁽⁶⁾			29,396	27,262	31,931	43,352	54,336	73,820										260,097
42		Non Core		_	6,213	10,182	11,503	11,903	6,580	8,794										<u>55,174</u>
43		Total Program Usage			35,609	37,444	43,434	55,255	60,915	82,614		0	0		0		0	0	1	0 315,271
44 45	AD A	C DOWED Total Core Bat-		•	0.70	¢ 10.11	¢ 10.57	\$ 7.75	t 44.00	\$ 9.78										
45	ABA	AG POWER Total Core Rate		<u>\$</u>	9.78	\$ 10.14	<u>\$ 10.57</u>	\$ 7.75	\$ 11.02	\$ 9.78										
46																				
47		N= D ((7)																		
		<u>kE Rate⁽⁷⁾</u>			0.00	0.0-		0.55	0.10	0.00			4.07							
49		Procurement Charge ⁽⁸⁾			2.69	2.85	2.41	2.55	3.13	3.82	4.3	3/	4.27							
50		Transportation/Other Charge ⁽⁹⁾		_	6.39	6.63	7.26	4.35	6.80	6.25										
51		Total PG&E Rate	е	\$	9.08	\$ 9.48	\$ 9.67	\$ 6.90	\$ 9.93	\$ 10.07	4.3	37 \$	4.27 \$	-	\$	-	\$		\$ -	_
52																				
		thly Index Postings																		
54		NGI Bidweek for PG&E Citygate			\$2.74	\$2.78	\$2.73	\$2.07	\$3.18	\$4.03	\$3.		\$2.73							
55		Gas Daily Avg. for PG&E Citygat	te		\$2.54	\$2.60	\$3.03	\$3.15	\$3.36	\$3.38	\$2.		***							
56 57		NGI Bidweek for Malin			\$2.00 \$0.53	\$2.04 \$0.90	\$1.89	\$2.06	\$2.35	\$3.53 \$2.10	\$3.		\$1.97 \$1.60							
58		AB-NIT Month Ahead (7A US)			\$0.53	\$ 0.90	\$0.94	\$1.33	\$1.87	\$2.10	\$1.	.07	\$1.68							
50																				

Agenda Item 5.a. - Monthly Summary of Operations, FY 2019-20 February 19, 2020 Page 3 of 3

	ВС	D		Е	F	G	Н	1	J	K	L	М	N	0	Р	Q
2		•		Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Total
59 Small Commercial (G-NR1) Rate Comparison																
	Monthly Rate Difference (\$/Dth)			0.70	0.65	0.90	0.84	1.09	(0.30)							
	Monthly Savings		\$	(20,433) \$	(17,783) \$	(28,897) \$	(36,572) \$	(59,487) \$	21,886							
	Cumulative 'Savings'		\$	(20,433) \$	(38,216) \$											
	Cumulative 'Savings'			-7.7%	-7.3%	-8.0%	-9.1%	-9.8%	-5.8%							
66																
	Additional Rate Comparisons															
	Large Commercial (G-NR2) Cumulativ			-11.1%	-10.6%	-11.3%	-13.0%	-14.6%	-10.2%							
	Residential (G1/GM) Cumulative Savir			-5.8%	-2.5%	-2.8%	-2.5%	-4.8%	1.5%							
	Natural Gas Vehicle (G-NGV1/2) Cum	ulative Savings		-11.3%	-5.1%	-4.8%	-4.8%	-7.0%	-0.3%							
83																
04	Notes:															
86																
00	All gas quantities in Dth and rates in \$/Dth. (Does not include imbalance purchases traded to storage.)															
87 88	Weighted Average Cost of Gas (WACOG) at PG&E Citygate															
89	 Includes costs to transport gas to PG&E Citygate from alternate delivery points, as well as physical storage costs. Includes scheduling fees, billing fees, administrative costs and misc. expenses; less interest income. 															
	_				•											
90	⁵ PG&E charges billed to ABAG PC	OWER via EDI p	roces	s and passed	through to cust	omers. These co	osts do not neces	sarily tie directly t	o the actual gas i	usage shown a	bove due to timing	difference in rep	orting.			
91	⁶ From billing data															
92	2 Based on PG&E's G-NR1 rate schedule.															
93	8 Includes: Procurement Charge, C			-	-	-										
94	⁹ PG&E Transportation Charge; Cu	ustomer Charge,	, and s	urcharge for F	ublic Purpose	Programs. Does	not include Franc	hise Fees and C	ity Taxes.							
94 95 96																
96																
97																
98																