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Case No.:

GR-2017-0215 and GR-2017-0216

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November 21, 2017

MISSOURI PUBLIC SERVICE COMMISSION

COMMISSION STAFF DIVISION OPERATIONAL ANALYSIS DEPARTMENT

SURREBUTTAL TESTIMONY

OF

ROBIN KLIETHERMES

SPIRE MISSOURI INC. d/b/a SPIRE

LACLEDE GAS COMPANY and MISSOURI GAS ENERGY GENERAL RATE CASE

> CASE NOS. GR-2017-0215 and GR-2017-0216

> > Jefferson City, Missouri
> > November, 2017 Date & Reporter A. File NOCK-PITONS, CHARTONS

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1		SURREBUTTAL TESTIMONY
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3		ROBIN KLIETHERMES
4		SPIRE MISSOURI, INC., d/b/a SPIRE
5		LACLEDE GAS COMPANY and MISSOURI GAS ENERGY
6		CASE NOS. GR-2017-0215 and GR-2017-0216
7	Q.	Please state your name and business address.
8	A.	Robin Kliethermes, 200 Madison Street, Jefferson City, MO 65102.
9	Q.	By whom are you employed and in what capacity?
10	A.	I am employed by the Missouri Public Service Commission ("Commission")
11	as the Rate a	and Tariff Examination Manager of the Tariff and Rate Design Unit of the
12	Operation Ana	alysis division of the Commission Staff.
13	Q.	Are you the same Robin Kliethermes that previously filed testimony in
14	Staff's Direct	Class Cost of Service Report and rebuttal testimony in this case?
15	A.	Yes.
16	Q.	What is the purpose of your surrebuttal testimony?
17	A.	The purpose of my surrebuttal testimony is to:
18 19 20		1. Address LAC and MGE witness Mr. Timothy Lyons regarding LAC and MGE's recommended Small General Service ("SGS") and Large General Service ("LGS") classes and rate comparisons.
21 22		2. Address LAC and MGE, Division of Energy ("DE") and Office of Public Counsel ("OPC") regarding residential customer charge.
23 24		3. Address MIEC's witness Mr. Brian Collins regarding class cost of service.
25 26 27		4. Address LAC and MGE witness Mr. Scott Weitzel regarding the Companies' recommended Excess Flow Valve ("EFV") tariff and the Companies' description of service area included in tariffs.

5. Correction to Staff's MGE and LAC class cost of service (CCOS) studies.

RESPONSE REGARDING LAC AND MGE'S PROPOSED SGS AND LGS CLASSES

- Q. Specifically, what parts of Mr. Lyons' rebuttal testimony will you address?
- A. First I will address Mr. Lyons' criticism of Staff's proposed consolidation of LAC's current Commercial and Industrial CI, CII, and CIII classes into one General Services class and consolidation of MGE's current SGS and LGS classes into one General Services class.
- Q. Do you generally agree with Mr. Lyons' that, "[t]he general approach to establishing rate classes is to group together those customers with similar demand characteristics while keeping distinct those customers with different demand characteristics".
- A. In general yes. However, as I described in Staff's Class Cost of Service Report, LAC and MGE have not ensured that their existing classes adequately stratify customers based on customer characteristics. For example, LAC customers with less than 5,000 therms of usage can currently be found on all of LAC's CI, CII and CIII rate schedules even though customers with less than or equal to 5,000 therms of usage should be served on CI and customers with greater than 5,000 therms should be served on either CII or CIII depending on size of the customer. Similarly, MGE customers using equal to or less than 10,000 therms can be found on the LGS rate schedule.
- Q. On page 13 of Mr. Lyons' rebuttal testimony, he provides the average use per customer for the Company's proposed SGS and LGS classes for LAC and MGE to show that larger use customers are in the LGS class and lower use customers are in the SGS class. Do you agree that this adequately reflects the customers that make up the class?

¹ Page 12, lines 1 through 3 in Mr. Lyons' Rebuttal Testimony

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- A. No. The averages just reflect that there are a greater number of commercial customers with lower than average usage served on the SGS rate schedule than the number of higher than average usage customers who should be moved into the LGS rate schedule. This is not unexpected since a large portion of the customers are on the appropriate rate schedule.
- Q. Did LAC and MGE identify customers who, in the opinion of the Company, should switch customer classes based on an annual usage review?
- A. Yes, per LAC's workpaper and as shown in the table below, LAC identified the number of customers who should switch classes based on an annual review of the customers' weather normalized usage.

	Count
CIs that should be CIIs	669
Clis that should be Clils	36
CIIs that should be CIs	1,539
CIIIs that should be CIIs	119
Total	2,363

Further, per MGE's workpaper and as shown in the table below, MGE identified the number of customers who should switch classes based on an annual review of the customers' weather normalized usage.

	Count
SGS to LGS	225
LGS to SGS	707
	932

Q. Did LAC and MGE make an adjustment to billing determinants to account for these customers possibly switching rate classes?

A. Yes.

Q. Is the adjustment proposed by LAC and MGE reasonable?

A. It is reasonable to make an adjustment for rate switchers to billing determinants if the Company will be ordered to move those customers; however, the Company did not accurately calculate the adjustment, and as proposed, the Company is under no obligation to move the identified customers going forward.

Q. What are Staff's concerns with the calculation of the billing determinants to be adjusted?

A. In the Company's process of identifying these potential rate switchers, the Company weather normalized the customers' usage using a different set of normal weather than the Company used for the test year usage. For example, in MGE's workpaper MGE provides the below table providing the monthly Heating Degree Days ("HDD") the Company used to weather normalize the potential rate switchers.

!	Monthly	HDDS a	t MCI									2017
	2	3	4	5	6	7	8	9	10	11	12	. 1
2016/17	749	451	247	125	0	0	0	23	150	425	1078	1011
NOAA Normal (1981-2010)	882	647	329	104	7	0	0	64	292	644	1040	1114
25 Yr Avg (1992-2016)	896	641	318	105	8	0	1	54	280	622	996	1119

It appears from the workpaper that MGE uses NOAA Normal 1981 to 2010. However, for test year usage MGE used what MGE refers to as a 10 year Normal BCDD as provided in the table below.

	10 year
	Normal B0
Jan-16	1156
Feb-16	981
Mar-16	814
Apr-16	491
May-16	180
Jun-16	39
Jul-16	0
Aug-16	0
Sep-16	7
Oct-16	130
Nov-16	398
Dec-16	845

It is also important to note that the time period that MGE used to develop the potential rate switcher billing determinants is from February 2016 through January 2017, rather than the test year of January 2016 through December 2016.

LAC also used a different normal weather period for its weather normalization of potential rate switchers compared to what it used to weather normalize test year usage for the class. Although MGE and LAC made an adjustment to billing determinants for customers who could switch based on a review of the customers' annual usage, Staff has concerns that the adjustment is not accurate and will change based on approved rate designs in this case.

- Q. If MGE and LAC used its proposed 10 year Normal BCDD would the usage adjustment be different?
- A. Possibly. For example, based on actual usage MGE identified 1,004 customers currently served on MGE's LGS rate schedule that have less than 10,000 CCF's of usage from February 2016 through January 2017. After MGE applied its weather normalized adjustment the number of customers dropped to 707 as noted above.

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O. Were other adjustments made to billing determinants for MGE, such as the landlord accounts that will switch from the SGS class to the Residential class on the conclusion of this case, weather normalized?

A. No.

Although MGE made an adjustment for the purposes of billing determinants in Q. this case, has MGE moved these customers between the LGS and SGS classes based on a review of the customer's annual usage?

No. However, MGE has not stated whether it will move customers A. automatically upon the effective date of rates in this case or if MGE will only move the customers who take action and ask to be moved. If customers will be required to initiate a rate schedule change, Staff has further concerns regarding the lack of information the Company has provided regarding how customers will be notified of the choice to switch rate classes and the timeline after rates are set in this case to get customers on the appropriate rate schedules.

- Does Mr. Lyons agree that customers served on MGE's LGS rate schedule Q. would receive a lower bill under the SGS rate schedule regardless of usage?
- Yes. Mr. Lyons further explains that potential variations in MGE's proposed A. rate design could mitigate the disparity, including reducing the SGS customer charge, which would increase the volumetric rate beyond that of the proposed LGS volumetric rate. However, at this time no alternative rates were proposed by MGE in order for Staff to be able to compare.

RESPONSE TO MR. LYONS REGARDING SGS AND LGS RATE COMPARISON

Have you reviewed Mr. Lyons' supposed "apples to apples" comparison Q. Figure 5 on page 19 of his rebuttal testimony?

A. Yes.

- Q. What are Mr. Lyons "apples" in Figure 5?
- A. Mr. Lyons has prepared a comparison of Staff's recommended rate design and the Companies' recommended rate design at the two recommended revenue requirements. He has not provided a comparison of either recommended rate design at any revenue requirement to the existing rates that customers are being charged. Staff does agree that the customer impacts it provided in direct are based on recovery of different revenue requirements. However, Staff is unsure of the usefulness of Figure 5 in determining the impact of either rate design on the increase a customer will experience, nor any other use.
- Q. Did Mr. Lyons' accurately reflect Staff's rate design recommendation in the MGE bill comparison he provided on page 19 of his rebuttal testimony?²
- A. For MGE, Mr. Lyons appears to have erroneously assumed that Staff would recommend consolidation at an awarded revenue requirement increase that exceeds Staff's recommended increase by 400%. Staff agrees that if an increase in this case exceeds approximately \$15 million for MGE it is possible that customer impacts for current SGS customers would be such that it would be inappropriate to proceed with rate consolidation.

However, for an increase between the amount of Staff's direct recommended revenue requirement and \$15 million, Staff has recommended an equal percentage increase to its consolidated General Service rate design for MGE. This is not what Mr. Lyons reflected in his rate comparison.

Q. Did Mr. Lyons' provide a rate comparison for LAC similar to Figure 5 provided for MGE on page 19 of his rebuttal testimony?

² The difference between the Company's and Staff's increase in revenue requirement is \$41.7 million.

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A. Although Mr. Lyons does not discuss it in his testimony, Schedule TSL-R1 compares the differences between LAC's requested rate design and Staff's proposed General Services consolidated rate design scaled up to LAC's requested revenue requirement increase. He does not provide any comparison or analysis of customers on existing rates going to either rate design or revenue requirement.

RESPONSE REGARDING RESIDENTIAL CUSTOMER CHARGES

- Q. What are the proposed residential customer charges recommended by the parties for LAC and MGE?
- A. Of the parties that filed rate design rebuttal, LAC is proposing a customer charge after October 2018³ of \$17.00; MGE is proposing a customer charge of \$20.00 after October 2018; OPC is proposing a customer charge of \$14.00 for both LAC and MGE; and Staff is proposing a customer charge of \$26 for LAC and \$20 for MGE. Although Division of Energy ("DE") did not propose a customer charge value, DE is supportive of lower customer charges.
- Q. Would it be helpful to review customer impacts using the different residential customer charges recommended by the parties?
- A. Yes, DE witness Mr. Martin Hyman recommended in his rebuttal testimony that Staff and the Company calculate customer impacts under the respective recommended revenue requirements using the different rate designs proposed by Staff and the Company.
 - Q. Has LAC and MGE or Staff already provided DE's requested analysis?
- A. As explained in more detail below, LAC provided a bill comparison rather than a customer impact analysis. However, since MGE and Staff have the same recommended

³ Prior to October of 2018 LAC and MGE are both proposing temporary interim rates as shown on page 5 of my rebuttal testimony.

residential customer charge of \$20, Staff has provided MGE customer impacts at the time of direct. Although Staff provided customer impacts in direct and rebuttal that compared Staff's recommended rate design to customer's current bills, Staff did not provide a customer impact if Staff's rate design utilized a \$17.00 customer charge instead of \$26.00.

- Q. Mr. Lyons' provides a residential bill comparison in his rebuttal testimony comparing the bill differences between LAC's proposed residential rate designs using a \$17.00 customer charge versus a \$26.00 customer charge. He does so by comparing annual bill totals, on various levels of annual usage. Does Mr. Lyons' analysis provide any information as to how customers would be impacted based on how their usage varies *during* the year?
- A. No. Staff recommends looking at bill comparisons on a monthly basis, since many gas customers only use gas in the winter months, for heating purposes. Looking at monthly bill impacts is also helpful in evaluating the impact of moving away from LAC's current weather mitigated rate design.
- Q. Did Mr. Lyons compare what a customer currently pays to what a customer would pay under (a) LAC's proposed rate design using a \$17.00 customer charge, versus (b) Staff's recommended \$26.00 customer charge?
- A. No. What Mr. Lyons refers to as customer impacts is actually a comparison of Staff's recommendation scaled up for LAC's revenue requirement and the Company's residential rate design proposal not a comparison of what a customer is currently paying versus what a customer would be paying. Staff is uncertain as to why this is identified as a comparison of "impacts" in Mr. Lyons' testimony.

Q. Does Mr. Lyons provide context for what he means by the term "lower usage customers" in reaching his conclusion that a higher customer charge will result in higher bill impacts for lower usage customers?

A. No. For example, a "low use" customer could be one who uses a little bit of gas each month, and uses the same amount of gas every month, such as a customer with a gas water heater and cook stove who does not use gas for space heating. Or, a "low use" customer could be one who uses most of their gas during the heating months and little to no gas during the other months. It is important to consider the different interpretations of the term "low use" in reviewing Mr. Lyon's analysis, and to be aware that his analysis does not assume that a customer's winter usage exceeds its summer usage due to space heating.

- Q. Did Staff find that there are there large differences in customer usage between the summer and winter months?
- A. Yes. During the summer most customers use less than 50 therms per month, and in winter most customers use close to 150 therms per month.

The table below shows where the distribution in customer bills fall each month for LAC. For example, for the months of January and February approximately 73% and 78% of the customers (436,735 and 471,138 customers) use between 51 and 200 therms of gas each of those months. However, in the summer months of July, August, and September over 94% of the customers (more than 530,000 customers) use less than 30 therms of gas in those months.

continued on next page

Usage in Therms	January	February	March	АргіІ	May	June	July	August	September	October	November	December
1 to 10	1.76%	1.80%	2.32%	3.88%	11.45%	19.85%	32.81%	37.87%	31.85%	27.15%	11.28%	2.31%
11 to 20	1.20%	1.14%	2.16%	5.29%	26.83%	40.41%	47.27%	46.68%	47.30%	44.65%	22.45%	2.00%
21 to 30	1.30%	1.21%	2.88%	8.66%	28.83%	25.53%	14.76%	11.80%	15.16%	18.22%	20.54%	2.31%
31 to 50	3.40%	3.37%	9.64%	27.36%	24.47%	11.69%	4.03%	2.86%	4.34%	7.68%	24.59%	7.96%
51 to 100	20.95%	22.56%	44.04%	45.17%	7.35%	1.83%	0.82%	0.59%	0.83%	1.80%	18.10%	32.23%
101 to 150	30.95%	35.33%	26.69%	7.66%	0.63%	0.29%	0.18%	0.11%	0.21%	0.20%	2.31%	27.94%
151 to 200	20.71%	20.24%	8.43%	1.32%	0.17%	0.16%	0.07%	0.04%	0.11%	0.09%	0.45%	14.22%
201 to 300	14.49%	11.19%	3.16%	0.49%	0.12%	0.14%	0.05%	0.03%	0.11%	0.09%	0.18%	8.36%
301 to 400	3.42%	2.16%	0.46%	0.09%	0.06%	0.05%	0.01%	0.01%	0.04%	0.05%	0.04%	1.76%
401 to 500	1.08%	0.59%	0.13%	0.03%	0.03%	0.02%	0.00%	0.00%	0.02%	0.03%	0.02%	0.52%
501 to 600	0.40%	0.21%	0.04%	0.02%	0.02%	0.01%	0.00%	0.00%	0.01%	0.02%	0.01%	0.20%
Over 600	0.34%	0.20%	0.04%	0.03%	0.03%	0.01%	0.00%	0.00%	0.01%	0.02%	0.02%	0.18%

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31 to 50													
51 to 100 20.95% 22.56% 44.04% 45.17% 7.35% 1.83% 0.82% 0.59% 0.83% 1.80% 18.10% 32 101 to 150 30.95% 35.33% 26.69% 7.66% 0.63% 0.29% 0.18% 0.11% 0.21% 0.20% 2.31% 27 151 to 200 20.71% 20.24% 8.43% 1.32% 0.17% 0.16% 0.07% 0.04% 0.11% 0.09% 0.45% 14 201 to 300 14.49% 11.19% 3.16% 0.49% 0.12% 0.14% 0.05% 0.03% 0.11% 0.09% 0.45% 14 201 to 300 3.42% 2.16% 0.46% 0.09% 0.06% 0.05% 0.03% 0.01% 0.09% 0.11% 0.09% 0.18% 8 301 to 400 3.42% 2.16% 0.46% 0.09% 0.06% 0.05% 0.01% 0.01% 0.04% 0.05% 0.04% 1. 401 to 500 1.08% 0.59%	21 to 30	1.30%	1.21%	2.88%	8.66%	28.83%	25.53%	14.76%	11.80%	15.16%	18.22%	20.54%	2.31%
101 to 150	31 to 50	3.40%	3.37%	9.64%	27.36%	24.47%	11.69%	4.03%	2.86%	4.34%	7.68%	24.59%	7.96%
151 to 200 20.71% 20.24% 8.43% 1.32% 0.17% 0.16% 0.07% 0.04% 0.11% 0.09% 0.45% 14 201 to 300 14.49% 11.19% 3.16% 0.49% 0.12% 0.14% 0.05% 0.03% 0.11% 0.09% 0.18% 8. 301 to 400 3.42% 2.16% 0.46% 0.09% 0.06% 0.05% 0.01% 0.01% 0.04% 0.05% 0.04% 1. 401 to 500 1.08% 0.59% 0.13% 0.03% 0.03% 0.02% 0.00% 0.00% 0.02% 0.03% 0.02% 0.05% 0.01% 0.01% 0.00% 0.00% 0.02% 0.03% 0.02% 0.00% 0.0	51 to 100	20.95%	22.56%	44.04%	45.17%	7.35%	1.83%	0.82%	0.59%	0.83%	1.80%	18.10%	32.23%
201 to 300	101 to 150	30.95%	35.33%	26.69%	7.66%	0.63%	0.29%	0.18%	0.11%	0.21%	0.20%	2.31%	27.94%
301 to 400	151 to 200	20.71%	20.24%	8.43%	1.32%	0.17%	0.16%	0.07%	0.04%	0.11%	0.09%	0.45%	14.22%
401 to 500	201 to 300	14.49%	11.19%	3.16%	0.49%	0.12%	0.14%	0.05%	0.03%	0.11%	0.09%	0.18%	8.36%
501 to 600	301 to 400	3.42%	2.16%	0.46%	0.09%	0.06%	0.05%	0.01%	0.01%	0.04%	0.05%	0.04%	1.76%
Over 600 0.34% 0.20% 0.04% 0.03% 0.03% 0.01% 0.00% 0.00% 0.01% 0.02% 0.02% 0.	401 to 500	1.08%	0.59%	0.13%	0.03%	0.03%	0.02%	0.00%	0.00%	0.02%	0.03%	0.02%	0.52%
	501 to 600	0.40%	0.21%	0.04%	0.02%	0.02%	0.01%	0.00%	0.00%	0.01%	0.02%	0.01%	0.20%
O. Did Staff perform a hill impact analysis using Staff's recommended residen	Over 600	0.34%	0.20%	0.04%	0.03%	0.03%	0.01%	0.00%	0.00%	0.01%	0.02%	0.02%	0.18%
O. Did Staff perform a hill impact analysis using Staff's recommended resider													
O. Did Staff perform a hill impact analysis using Staff's recommended residen													
2. Dia Diani perioriti a din mispadi anarybib abing Diani bi recommidiada rebitada	(). I	Did Sta	ff perfo	orm a l	oill im	pact ar	nalysis	using	Staff's r	ecomn	nended re	esidentia

rate design which includes a \$26.00 customer charge and what a bill impact would be using Staff's rate design with a \$17.00 customer charge?

A. Yes. Staff compared a residential customer's current bill to what a residential customer's bill would be using Staff's rate design with a \$26.00 customer charge and what a bill would be using Staff's rate design with a \$17.00 customer charge. Below are the rates I used in the analysis and a summary of the customer bill impacts with and without the Purchased Gas Adjustment ("PGA") charge.

7						Novem	ber-	April		May - (Octo	er
					-	inter	Win			ımer		ımer
		Customer		1st 30		All Therms		1st 30		All Therms		
LAC Residential Rate	e Design		Charge		Therms		over 30		Therms		over 30	
Current rate Design			\$	19.50	\$	0.91686	\$	-	\$	0.31290	\$	0.15297
Staff's Direct Filed Rate Design			\$	26.00	\$	0.16338	l	0.16338		0.16338		0.16338
Staff's Direct Filed Rate Design with a	\$17.00 customer c	harge	\$	17.00	\$	0.29587		0.29587		0.29587		0.29587
	Current PGA]		\$	0.34611	\$	0.59022		0.54708		0.54708
	Company Propose	d PGA] - [\$	0.47767	\$	0.47767	\$	0.47767	Ś	0.47767

⁴ For purposes of bill impacts, I included the current PGA rates in the calculation of a customer's current bill and LAC's proposed PGA rate in the calculation of what a customer's bill would be using Staff's rate design, PGA rates change at least once a year outside of a rate case, so bill impacts when including the PGA will change annually.

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			S	taff			
	With P	GA	A Amel		Without	PGA	
January Usage	Number of Customers	and \$17 Customer	Diff. Beween Current Bill and \$26 Customer Charge	January Usage	Number of Customers	and \$17 Customer	Diff. Beween Current Bill and \$26 Customer Charge
Customers Using		.			·		<u> </u>
Less than or equal to 50 therms Customers Using 51 to 200 therms	46,023 436,735		Table 1 As madely	Customers Using Less than or equal to 50 therms Customers Using 51 to 200 therms	46,023	\$ (14.68) \$ 14.33	
Customers Using			And Andreas	Customers Using			
over 200 therms	118,622	\$ 39.72	\$ 3.62	over 200 therms	118,622	\$ 70.70	\$ 34.61
	Number and \$17 of Custome		Diff. Beween Current Bill and \$26 Customer		Number of	and \$17 Customer	Diff. Beween Current Bill and \$26 Customer
July Usage	Customers	Cnarge	Charge	July Usage	Customers	Cnarge	Charge
Customers Using Less than or equal to 50 therms	584.085	\$ (4.05)	\$ 2.38	Customers Using Less than or equal to 50 therms	584,085	\$ (2.70)	\$ 3.73
Customers Using	55.,503	:T\.::*****/ :		Customers Using			
51 to 200 therms	6,306	\$ 1.13	\$ (5.06)	51 to 200 therms	6,306	\$ 9.08	\$ 2.90
Customers Using over 200 therms			1	Customers Using over 200 therms	375		

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9 10 From the table, for January, the difference between a customer's current bill and Staff's residential rate design using a \$17.00 customer charge provides a bill decrease of approximately \$12.54 including the PGA and a bill decrease of \$14.68 without including the change in PGA for 46,023 customers using 50 therms or less, but a bill increase of \$4.79 including the PGA and a bill increase of \$14.33 without the PGA for 436,735 customers using between 51 to 200 therms.

However, if a \$26.00 customer charge is used, customers using 50 therms or less in January would still see a bill decrease from what they are currently paying, but 436,735

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customers using between 51 to 200 therms would only see an increase under the bill impact scenario excluding the PGA of \$3.47 and would see a decrease of \$6.07 with the PGA.

Conversely, in the summer months when a customer may have very little usage, if any, a higher customer charge does have a different bill impact. For example, in July 584,085 customers will see a bill increase of approximately \$2.38 including the PGA or \$3.73 without the PGA under Staff's proposed customer charge of \$26. Customer impacts for the full 12 months of the year can be found in Schedule RK-s1.

- Q. Did Staff perform a bill impact analysis using Staff's recommended residential customer charge of \$26 on the Company's recommended revenue requirement?
- A. Yes. Below are the rates I used, which other than the PGA were provided in Mr. Lyons' rebuttal testimony, and a summary of the results in the same format as provided above for Staff's revenue requirement.

	;			Novem	ber	-April		May -	Octo	ber
			W	inter	Wi	nter	Sur	nmer	Sun	ımer
LAC Residential Rate Design	Customer Charge					1		1st 30 Therms		Therms r 30
Current rate Design	\$		4	0.91686	\$	-	\$	0.31290	\$	0.15297
Company Rate Design with a \$26 customer charge	\$	26.00	\$	0.24556	\$	0.24556	\$	0.24556	\$	0.24556
Company Rate Design with \$17 customer charge	\$	17.00	\$	0.37962	\$	0.37962	\$	0.37962	\$	0.37962
Current PGA			\$	0.34611	\$	0.59022	\$	0.54708	\$	0.54708
Company Pro	oposec	J PGA	\$	0.47767	\$	0.47767	\$	0.47767	\$	0.47767

continued on next page

l					LA	iC					
	With I	PGA					Without	PGA	١		
January Usage		and \$17 ber of Customer omers Charge		Curi and	reen ent Bill \$26 tomer	January Usage	Number of Customers	Cu and Cu	ween rrent Bill i \$17 stomer	Diff. Beween Current Bill and \$26 Customer Charge	
Less than or equal to 50 therms	46,023) \$ (5.19)		Less than or equal to 50 therms	46,023	\$ (11.93)		Ś	(7.32)
51 to 200 therms		·	17.33	S	6.25	51 to 200 therms					15.79
Over 200 therms	118,622	\$	68.22	\$	31.59	Over 200 therms	Ç	anne i den e e e e e e e		\$	62.58
July Usage	Number of Customers			een ent Bill \$26 omer	July Usage	Number of Customers			Curi and	reen ent Bill \$26 tomer	
Less than or					· · · · · · · · · · · · · · · · · · ·	Less than or					
equal to 50	2 1 1				į	equal to 50		:			
therms	584,085	\$	(2.42)	\$	3.98	therms	584,085	\$	(1.08)	\$	5.32
51 to 200 therms	6,306	\$	10.73	\$	4.36	51 to 200 therms	6,306	\$	18.68	\$	12.31
Over 200 therms	375	\$	47.86	\$	9.83	Over 200 therms	375	\$	72.21	\$	34.18

Q. Did Staff perform a bill impact analysis using OPC's recommended \$14.00 residential customer charge?

A. Yes. Below are the rates and the customer bill impacts that would result using OPC's recommended \$14.00 customer charge, applying it to Staff's direct filed revenue requirement and LAC's direct filed revenue requirement.

continued on next page

	i	1	Novemb	er-	April		May -	October	
		Wi	Winter		inter	Su	mmer	Su	mmer
LAC Residential Rate Design	Custome r Charge	1st 30 Therms		All Therms over 30		1st 30 Therms		All Therms over 30	
Current rate Design	\$ 19.50	\$	0.91686	\$		\$	0.31290	\$	0.15297
OPC's \$14 customer charge on Staff's Rate Design	\$ 14.00	\$	0.34003	\$	0.34003	\$	0.34003	\$	0.34003
OPC's \$14 customer charge on LAC's Rate Design	\$ 14.00	\$	0.42420	\$	0.42420	\$	0.42420	\$	0.42420
Current PGA		\$	0.34611	\$	0.59022	\$	0.54708	\$	0.54708
Company Prop	osed PGA	\$	0.47767	\$	0.47767	\$	0.47767	\$	0.47767

	14.00 Custom With I							Without				**********
January Usage	Nubmer of Customers	Bill Diff. Between Current Bill and \$14 Customer Charge (LAC		Bill Dif Betwee Curren and \$1- Custon Charge RR)	en t Bill 4 ner	January Usag	e	Nubmer of Customers	Be Cur and Cur Chr		and \$: Custo	en nt Bill 14
Customers Using			Ċ		Customers U	-		3	T.1111.M			
Less than or equal to 50 therms	46,023	\$ (11.	34)	\$	(14.09)	Less than or e to 50 therms	qual	46,023	\$	(13.47)	\$	(16.23)
Customers Using 51 to 200 therms	436,735	\$ 21.	01	\$	8.40	Customers Us 51 to 200 then	U	436,735	\$	30.55	\$	17.94
Customers Using over 200 therms	118,622	\$ 80.	40	\$	51.75	Customers Us over 200 them	-	118,622	\$	111,39	Ś	82,74
		Bill Diff. Between Current Bill and \$14 Customer		Bill Diff Betwee Current and \$14 Custom	en t Bill i ier			Nubmer of	Bet Cur and Cus	tomer	and \$1 Custor	en it Bill 4 ner
	Customers	Charge (LAC		Charge	(Staff	July Usage		Customers	Cha	rge	Charge	e (Staff
Customers Using Less than or equal to	584,085	\$ (4.9	56)	\$	(6.19)	Customers Us Less than or ea	qual	584,085	\$	(3.21)	\$	(4.84)
Customers Using 51 to 200 therms Customers Using	6,306	\$ 12.	33	\$	3.19	Customers Using 51 to 200 therms Customers Using		6,306	\$	20.79	\$	11,14
over 200 therms	375	\$ 60.5	50	\$	30.97	over 200 them		375	Ś	84.85	Ś	55.32

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Q. Does Staff have concerns regarding a high volumetric rate in the winter?

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A. Yes. A familiar argument is that a high volumetric rate will encourage energy efficiency. However, based on the cumulative bill frequency distribution data provided by the Company, a large portion of customers are higher usage customers in the winter and use little

to no usage in the summer. This tends to imply that winter heating drives overall customer usage. Staff cautions that although a high volumetric rate in the winter over the long term may encourage customers to install a more efficient furnace, over the short term it could also encourage economically vulnerable customers to turn down their thermostat to a level that causes physical discomfort or is unsafe.

- Q. If winter heating becomes too expensive for gas customers, is there a concern that customers could switch to an electric furnace instead?
- A. Yes. If a customer is only using gas for winter heating purposes a substantial increase in a customer's winter bill could cause the customer to switch fuel sources.
- Q. Does LAC have a financial incentive to set rates that discourage fuel switching?
- A. No. The Company's requested Revenue Stabilization Mechanism is designed to recover changes in average usage. If winter heating customers drop off of the system, then average usage per customer would decrease. Based on the Company's proposed RSM the Company would recover any lost revenues associated with customers leaving the system, thus the Company would have a financial incentive to establish a rate design with rates that encourage high usage customers to leave the system. A lower customer charge exacerbates this incentive to encourage high usage customers to leave the system.
- Q. Does cost causation for LAC support a lower customer charge than Staff's proposed \$26.00?
- A. For LAC, no. Staff is the only party that has provided a cost basis for its residential customer charge calculation. As stated on page 20 of Staff's Class Cost of Service Report, Staff included the costs outlined below in its calculation of its customer charge.

Surrebuttal Testimony of Robin Kliethermes

1	Distribution – services (investment and expenses)
2	Distribution – meters and regulators (investment and expenses)
3	Distribution – customer installations
4	Customer deposits
5	Customer billing expenses
6	Uncollectible accounts (write-offs)
7	Customer service & information expenses
8	Portion of income taxes
9	For LAC, this resulted in approximately \$189 million recovered from an average of
10	604,000 monthly customers or approximately \$26 a month. At LAC's requested \$17.00
11	customer charge, a customer using zero therms in a month would be under contributing
12	approximately \$9 per month to what it costs to provide service to that customer.
13	RESPONSE TO MIEC REGARDING CLASS COST OF SERVICE ALLOCATIONS
14	Q. What parts of MIEC witness Mr. Brian Collins' rebuttal testimony will you
15	specifically address?
16	A. I specifically address Mr. Collins' argument that Staff's recommendation to
17	allocate any revenue requirement increase above Staff's direct filed revenue requirement to
18	each rate class on an equal percent basis is incorrect for LAC. I will also address Mr. Collins'
19	argument that Staff inappropriately allocated gas storage investment and expenses to
20	transportation customers.
21	Q. What is Mr. Collins' argument regarding Staff's recommendation to allocate
22	any revenue requirement increase above Staff's direct filed revenue requirement to each rate
23	class on an equal percent basis for LAC?

A. Mr. Collins assumes that a revenue requirement can increase without similar increases to a class's share of the cost of service. If the ultimate revenue requirement is higher than the direct filed revenue requirement Staff allocated in its direct filed CCOS, then it is hard to imagine a scenario in which the transportation classes' share of that revenue requirement would not increase. For example, Staff's study indicates that as of the direct filing approximately \$49.6 million dollars of rate base is allocated to the Large Volume Transportation ("Transportation") class, which at a 6.498% rate of return is worth \$3.2 million. However, LAC has requested a 7.7% ROR which would require approximately \$3.8 million from the transportation customers. While Staff's corrected CCOS did indicate that the transport class is contributing additional revenue of approximately \$1.3 million above its class cost of service, the ROE issue alone would erode this revenue difference by approximately \$600,000. Absent a separate rate design case after revenue requirements have been determined, Staff's recommendation to apply any increase over its direct filed revenue requirement increase as an equal percentage to all rate elements is reasonable.

Q. Do you agree with Mr. Collins that a portion of LAC's underground storage investment and expenses should not be allocated to Transportation customers?

A. No. Transportation customers use and benefit from LAC's underground storage. Per LAC's tariff, under 4.3 (a), shown below, monthly transportation gas receipts and deliveries are balanced as best as possible. However, on a monthly basis if the quantity of gas the Company delivered to the customer is greater than the quantity of gas received by the Company on behalf of the customer, the Company will sell to the customer the quantity of gas

⁵ This does not attempt to account for the increase in revenue associated with income tax that would accompany this change in rate of return.

Company during the month.

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4.3 Monthly Balancing. Monthly transportation gas receipts and deliveries shall be in balance by the Customer to the maximum extent practicable. Despite the best efforts of the Customer to keep such receipts and deliveries in balance, any imbalance which does occur shall be subject to the terms and conditions of this Section.

so that any imbalance is not greater than 5% of the actual quantity of gas received by the

- (a) Monthly Balancing of Over-Delivery to Customer: During any month when the quantity of gas delivered to the Customer is greater than the quantity of gas received by the Company on behalf of the Customer, the Company will sell to the Customer the quantity of gas required so that any such over-delivery imbalance at the end of the month is not greater than five (5) percent of the actual quantity of gas received by the Company during such month on behalf of the Customer,
- (b) Monthly Balancing of Under-Delivery to Customer: During any month when the quantity of gas delivered to the Customer is less than the quantity of gas received by the Company on behalf of the Customer, the storage charge, as set forth above. shall be applicable to any such under-delivery imbalance which is in excess of five (5) percent of the actual quantity of gas received by the Company during such month.
- After monthly balancing, how much more gas did transportation customers in Q. the test year use than was received by the Company on the customer's behalf?
- A. After monthly balancing, during the test year, transportation customers, including both basic and firm service customers, purchased approximately 1.1 million therms from LAC.
- Does the 1.1 million therms reflect how much gas LAC withdrew from storage Q. to serve transportation customers?
- No. Because records were provided only on a monthly basis of sales net of transported therms, Staff is unable to calculate the level of gas that LAC stored for transportation customers on a daily basis, or withdrew from storage for the benefit of transportation customers on a daily basis.

 Q. Does LAC perform balancing on a daily basis?

A. LAC does not perform financial balancing on a daily basis. LAC does constantly manage inputs of gas to the system against withdrawals of gas from the system, within the constraints of the safe operating pressures of the system, including daily imbalances in gas deliveries under contracts for LAC's transportation customers and amounts actually used by those customers. Where those daily imbalances exist, either gas must be stored within the system or injected into storage, or additional gas must be used or withdrawn from storage, to the extent that the imbalance is not absorbed by LAC's retail customers.

- Q. If a transportation customer requires more gas in a day than they contracted to receive, does LAC curtail that customer's use of gas?
 - A. No.
- Q. If the customer uses less gas they contracted to receive on a given day, where does that gas go?
- A. Unless the transportation customer has its own storage, the excess gas is absorbed by LAC either as a line pack or storage.
- Q. In your rebuttal testimony you mentioned that Mr. Collins made a statement in his direct testimony regarding the allocation of distribution-related costs and that it conflicts with how the Company allocated distribution-related costs, even though Mr. Collins supports the Company's CCOS study. Have you discussed with Mr. Collins your concern with his statement?
- A. Yes. It is my understanding that Mr. Collins is filing a clarification in his surrebuttal testimony that will eliminate this contradiction and address my previous concern.

RESPONSE REGARDING LAC AND MGE TARIFFS

- Q. What are your concerns regarding LAC and MGE tariff recommendations made in LAC and MGE witness Mr. Scott Weitzel's rebuttal testimony?
- A. Staff is concerned with LAC and MGE's tariff recommendation regarding service territory descriptions for both utilities and with LAC and MGE's requested tariff changes regarding Excess Flow Valves ("EFV").
- Q. What is your understanding of LAC and MGE's position concerning Staff's recommendation for LAC to include a more detailed description of its service area by including the legal descriptions of the area in LAC's tariffs?
- A. LAC and MGE witness Mr. Scott Weitzel states that in Case No. GR-99-315 the Commission found that LAC did not need to expand the service area description in its tariffs. Further, Mr. Weitzel claims that including the legal descriptions of LAC's service area will distract customers from LAC's rate tariffs; customers can simply call LAC's customer service and be told if they are in LAC's service territory or not; and that LAC and MGE's current service area descriptions listed in the Companies' tariffs are sufficient.
- Q. Have there been other cases before the Commission relating to MGE or LAC regarding service territory issues?
- A. Yes. Case No. GA-2007-0289 was an application of Missouri Gas Energy (MGE), a Division of Southern Union Company for a Certificate of Public Convenience and Necessity to provide gas service in Platte County. Empire intervened in the gas and disputed claims made by MGE regarding which utility was authorized to provide service in certain sections of Platte County. In the Commission's Report and Order the Commission directed

⁶ It should be recognized that MGE's current service area description in its tariffs are significantly different and more detailed than LAC's current service area description in its tariffs.

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Empire and MGE to file revised tariff sheets identifying which types of certificates they have (i.e. transport, line, or service area certificates) in all of the areas in which they hold any type of certificate to provide any type of natural gas service.

- Does MGE currently identify which types of certificates they hold (i.e. transport, line or service are certificates) in all of the areas in which they provide natural gas service in MGE's currently effective tariffs?
 - A. Yes.
- Does Mr. Weitzel agree that MGE's current service area description provides a Q. good indication of whether or not MGE provides service in a specific area?
- Yes. On page 4 of Mr. Weitzel's rebuttal testimony he states, "The service area A. description MGE and LAC already have in their tariffs provide the customer with a good indication of whether we are one of the providers that should be contacted for this purpose."
- As part of this rate case is MGE requesting to remove the majority of MGE's Q. service area description from its currently effective tariffs including the identification of certificates held by MGE in all areas that MGE provides service as the Commission Ordered in Case No. GA-2007-0289?
 - A. As explained in detail in my rebuttal testimony filed in this case, yes.
- Do you agree with Mr. Weitzel that the service area description included in Q. LAC's current tariff is sufficient?
- No. On page 29 of Staff's direct filed Class Cost of Service Report I explain A. that LAC's current description is not specific enough to determine the boundary lines, especially for areas around the City of Wentzville and the previous Missouri Natural Gas Company service area.

Q. What is Staff's recommendation for LAC and MGE regarding the description of service territory provided in LAC and MGE's tariffs?

A. Staff recommends that MGE keep all of its current tariffs regarding MGE's service territory description and expand the level of detail used in LAC's service area description to match that used in MGE's tariffs.

- Q. What specifically is Staff's concern regarding the Companies' requested EFV tariff?
- A. Staff's concern is that LAC and MGE simply state that the installation costs of an EFV is Time and Material. An excerpt from the proposed tariff is below:

Installation costs of an EFV on an eligible service line* for an existing customer when service is not being replaced Time and material

- Q. Do LAC and MGE currently list a cost in their tariffs for the installation of an EFV?
- A. Yes. LAC currently charges approximately \$560. MGE currently charges an installation cost is \$65, but maintenance cost is \$900.
- Q. What is Staff's recommendation regarding the costs listed in the tariff regarding EFVs?
- A. Staff recommends that a level generally equivalent to the currently expected cost of installation be provided in the tariff, but that the amount that will actually be paid by customers reflect the time and materials expended on the installation, consistent with the Companies' requested treatment. While Staff understands that, for example, subsoil conditions may not be known until excavation has begun, Staff recommends that customers be given some indication of the cost of an average installation, and that the Company provide

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a reasonable estimate of the cost prior to undertaking an installation. Staff recommends the following tariff language regarding EFV installation cost for MGE and LAC:

Installation costs of an EFV on an eligible service line for an existing customer when requested by the customer and when service is not being replaced will consist of:

- A. EFV Standard Charge: Customer may request installation of an excess flow valve consisting of a valve and 2 hours of labor for a charge of \$560, subject to the provisions of Section B.
- B. EFV Installation Beyond or Less than the Standard Installation: Company shall provide an estimate of the actual cost of installation prior to undertaking an installation. Investment in the installation of an EFV in excess of that provided by the Standard Charge as determined under Section A will be made by the Company, provided the applicant requesting installation of an EFV deposits, as a contribution-inaid-of-construction, the Company's estimated cost of such excess. Any variation between any charge under Section A or this Section B and the actual cost of installation shall be refunded to customer within 60 days.

CORRECTION TO STAFF'S CLASS COST OF SERVICE (CCOS) STUDIES

- Q. Did you have a correction to Staff's CCOS studies for MGE and LAC?
- Yes. In responding to data requests I discovered that expense relating to the A. amortization of energy efficiency programs was in FERC account 908: Customer Assistance Expense, which is an account under Customer Service and Information Expense. Because these costs were in Customer Assistance Expense, Staff originally allocated them on the number of customers in the class and included the expense in the calculation of the Residential customer charge.

Staff corrected the allocation to be consistent with Staff's allocation of the rate base portion of energy efficiency program costs which was allocated to each class for both MGE and LAC based on that class' percent of total usage. The correction also removed the costs from the calculation of the Residential customer charge MGE and LAC.

Surrebuttal Testimony of Robin Kliethermes

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- Q. Does this correction change Staff's recommended rate design?
- A. No. Below are the changes that occurred to each class' cost of service due to the proper allocation of energy efficiency expense.

LAC	clas sen	nge to s cost of vice for h rate class			
Residential	\$	(851,871)		Char	nge to
General Service	\$	364,877		class	cost of
Large Volume	\$	25,695		servi	ce for
LV Transport	\$	438,871	MGE	each	rate class
Interruptible Sales	\$	14,879	Residential	\$	(753,527)
General L.P. Gas	\$	(85)	General Service	\$	161,714
Unmetered Gas			Large Volume	\$	591,824
Light	\$	82	Unmetered Gas	l	
Vehicular Fuel	\$	7,549	Light	\$	(9)

- Q. Does this conclude your surrebuttal testimony?
- A. Yes.

BEFORE THE PUBLIC SERVICE COMMISSION

OF THE STATE OF MISSOURI

n the Matter of Laclede Gas Company's Request to Increase Its Revenues for Gas Service)))	Case No. GR-2017-0215
n the Matter of Laclede Gas Company I/b/a Missouri Gas Energy's Request to ncrease Its Revenues for Gas Service)	Case No. GR-2017-0216

AFFIDAVIT OF ROBIN KLIETHERMES

STATE OF MISSOURI)	
)	SS
COUNTY OF COLE)	

COMES NOW ROBIN KLIETHERMES and on her oath declares that she is of sound mind and lawful age; that she contributed to the foregoing Surrebuttal Testimony; and that the same is true and correct according to her best knowledge and belief.

Further the Affiant sayeth not.

ROBIN KLIETHERMES

JURAT

Subscribed and sworn before me, a duly constituted and authorized Notary Public, in and for the County of Cole, State of Missouri, at my office in Jefferson City, on this 2014 day of November, 2017.

D. SUZIE MANKIN Notary Public - Notary Seal State of Missouri Commissioned for Cole County My Commission Explrés: December 12, 2020 Commission Number: 12412070

Notary Public

Bill Impacts Using Staff Revenue Requirement with PGA

	High				\$2	26	\$1	7	Bill	Diff.	Bill	Diff.
Usage	End of	January Bill	Cu	rrent Bill	Cu	stomer	Cu	stomer	Bew	een .	Bev	veen
Range	Range	Distribution	Wi	th PGA	Ch	arge	Ch	arge	Curr	ent and	Cur	rent and
1 to 10	10	10,571	\$	32.13	\$	32.41	\$	24.74	\$	0.28	\$	(7.39)
11 to 20	20	7,193	\$	44.76	\$	38.82	\$	32.47	\$	(5.94)	\$	(12.29)
21 to 30	30	•		57.39	\$	45.23	\$	40.21	•	(12.16)	\$	(17.18)
31 to 50	50	20,461	\$	69.19	\$	58.05	\$	55.68		(11.14)	\$	(13.52)
51 to 100	100	126,010	\$	98.70	\$	90.11	\$	94.35	\$	(8.60)	\$	(4.35)
101 to 150	150	186,156	\$	128.22	\$	122.16	\$	133.03	\$	(6.06)		4.82
151 to 200	200	124,569	\$	157.73	\$	154.21	\$	171.71	\$	(3.52)		13.98
201 to 300	300	87,139	\$	216.75	\$	218.32	\$	249.06	\$	1.57	\$	32.31
301 to 400	400	20,549	\$	275.77	\$	282.42	\$	326.42	\$	6.65	\$	50.65
401 to 500	500	6,481	\$	334.79	\$	346.53	\$	403.77	\$	11.73	\$	68.98
501 to 600	600	2,383	\$	393.81	\$	410.63	\$	481.12	\$	16.82	\$	87.31
Over 600	650	2,070	\$	423.33	\$	442.68	\$	519.80	\$	19.36	\$	96.48
									Bill I	Diff.	Bill	Diff.
	High				\$2	6	\$1	7	Bew	een	Bev	veen
Usage	End of	February Bill	Cui	rrent Bill	Cu	stomer	Cu	stomer	Curr	ent and	Cur	rent and
Range	Range	Distribution	Wi	th PGA	Cha	arge	Ch	arge	\$26		\$17	
1 to 10	10	10,826	\$	32.13	\$	32.41	\$	24.74	\$	0.28	\$	(7.39)
11 to 20	20	6,861	\$	44.76	\$	38.82	\$	32.47	\$	(5.94)	\$	(12.29)
21 to 30	30	7,292	\$	57.39	\$	45.23	\$	40.21	\$	(12.16)	\$	(17.18)
31 to 50	50	20,343	\$	69.19	\$	58.05	\$	55.68	\$	(11.14)	\$	(13.52)
51 to 100	100	136,058	\$	98.70	\$	90.11	\$	94.35	\$	(8.60)	\$	(4.35)
101 to 150	150	213,017	\$	128.22	\$	122.16	\$	133.03	\$	(6.06)	\$	4.82
151 to 200	200	122,063	\$	157.73	\$	154.21	\$	171.71	\$	(3.52)	\$	13.98
201 to 300	300	67,486	\$	216.75	\$	218.32	\$	249.06	\$	1.57	\$	32.31
301 to 400	400	13,049	\$	275.77	\$	282.42	\$	326.42	\$	6.65	\$	50.65
401 to 500	500	3,542	\$	334.79	\$	346.53	\$	403.77	\$	11.73	\$	68.98
501 to 600	600	1,272	\$	393.81	\$	410.63	\$	481.12	\$	16.82	\$	87.31
Over 600	650	1,205	\$	423.33	\$	442.68	\$	519.80	\$	19.36	\$	96.48
									Bill D	oiff.	Bill	Diff.
	High				\$2	6	\$17	7	Bew	een	Bew	reen
Usage	End of	March Bill	Cur	rent Bill	Cus	stomer	Cus	stomer	Curr	ent and	Curi	ent and
Range	Range	Distribution	Wit	th PGA	Cha	arge	Cha	arge	\$26		\$17	
1 to 10	10	13,980	\$	32.13	\$	32.41	\$	24.74	\$	0.28	\$	(7.39)
11 to 20	20	13,055	\$	44.76	\$	38.82	\$	32.47	\$	(5.94)	\$	(12.29)
21 to 30	30	17,370	\$	57.39	\$	45.23	\$	40.21	\$	(12.16)	\$	(17.18)
31 to 50	50	58,222	\$	69.19	\$	58.05	\$	55.68	\$	(11.14)	\$	(13.52)
51 to 100	100	265,959	\$	98.70	\$	90.11	\$	94.35	\$	(8.60)	\$	(4.35)
101 to 150	150	161,192	\$	128.22	\$	122.16	\$	133.03	\$	(6.06)	\$	4.82
151 to 200	200	50,919	\$	157.73	\$	154.21	\$	171.71	\$	(3.52)	\$	13.98
201 to 300	300	19,077	\$	216.75	\$	218.32	\$	249.06	\$	1.57	\$	32.31
301 to 400	400	2,801	\$	275.77	\$	282.42	\$	326.42	\$	6.65	\$	50.65
401 to 500	500	781	\$	334.79	\$	346.53	\$	403.77	\$	11.73	\$	68.98

Schedule RK-s1 Page 1 of 9

501 to 600	600			393.81	\$	410.63		481.12	\$	•	16.82	\$	87.31
Over 600	650	255	\$	423.33	\$	442.68	\$	519.80	\$		19.36	\$	96.48
•							4		Bill				Diff.
	High		_	. 5211	\$2		\$1		Bew				/een
Usage	End of	April Bill		rent Bill		stomer		stomer			nt and		rent and
Range	Range	Distribution		th PGA		arge		arge	\$26		0.00	\$17	(7.20)
1 to 10	10	-	\$	32.13	\$	32.41	\$	24.74	\$		0.28 (5.94)	\$	(7.39)
11 to 20	20 30	•	\$ \$	44.76 57.39	\$ \$	38.82 45.23	\$ \$	32.47 40.21	\$ \$		(12.16)	•	(12.29) (17.18)
21 to 30 31 to 50	50 50	•	۶ \$	69.19	۶ \$	58.05	ب \$	55.68	۶ \$		(12.10)		(13.52)
51 to 100	100	•	\$	98.70	\$	90.11	\$	94.35	\$		(8.60)		(4.35)
101 to 150	150	•	\$	128.22	\$	122.16	\$	133.03	\$		(6.06)	-	4.82
151 to 200	200	•	\$	157.73	\$	154.21	\$	171.71	\$		(3.52)		13.98
201 to 300	300	•	\$	216.75	\$	218.32	\$	249.06	\$		1.57	; \$	32.31
301 to 400	400	-	\$	275.77	\$	282.42	\$	326.42	\$		6.65	\$	50.65
401 to 500	500	169	\$	334.79	\$	346.53	\$	403.77	\$		11.73	\$	68.98
501 to 600	600	97	\$	393.81	\$	410.63	\$	481.12	\$		16.82	\$	87.31
Over 600	650	153	\$	423.33	\$	442.68	\$	519.80	\$		19.36	\$	96.48
								•	Bill	Dif	f.	Bill	Diff.
	High				\$2	6	\$1	7	Bew	ree	n	Bew	reen
Usage	End of	May Bill		rent Bill		stomer		stomer		en'	t and		ent and
Range	Range	Distribution		th PGA		arge		arge	\$26			\$17	
1 to 10	10		\$	28.10	\$	32.41	\$	24.74	\$		4.31	\$	(3,36)
11 to 20	20	•	\$	36.70	\$	38.82	\$	32.47	\$		2.12	\$	(4.23)
21 to 30	30	-	\$	45.30	\$	45.23	\$	40.21	\$		(0.07)		(5.09)
31 to 50	50		\$	59.30	\$	58.05	\$	55.68	\$ 2		(1.25)	-	(3.62)
51 to 100	100	-	\$ \$	94.30 129.31	\$ \$	90.11 122.16	\$ \$	94.35 133.03	\$ \$		(4.20)	\$ \$	0.05 3.73
101 to 150 151 to 200	150 200	-	۶ \$	164.31	۶ \$	154.21	۶ \$	171.71	۶ \$		(7.15) (10.10)		7.40
201 to 300	300	•	\$	234.31	\$	218.32	\$	249.06	\$		(16.00)	\$	14.75
301 to 400	400		\$	304.32	\$	282.42	\$	326.42	\$		(21.90)	\$	22.10
401 to 500	500	203	\$	374.32	\$	346.53	\$	403.77	\$		(27.80)	-	29.45
501 to 600	600		•	444.33	•				•		(33.70)	•	36.80
Over 600	650		-	479.33					\$		(36.65)		40.47
			·						Bill I	Dif	f.	Bill	Diff.
	High	•			\$2	6	\$17	7	Bew	ee	n	Bew	een
Usage	End of	June Bill	Cur	rent Bill	Cus	tomer	Cus	stomer	Curr	en	t and	Curr	ent and
Range	Range	Distribution	Wit	h PGA	Cha	arge	Cha	arge	\$26			\$17	
1 to 10	10	118,099	\$	28.10	\$	32.41	-	24.74	\$		4.31		(3.36)
11 to 20	20		\$	36.70	\$	38.82	\$	32.47	\$		2.12		(4.23)
21 to 30	30	•	\$	45.30	\$	45.23	\$	40.21	\$		(0.07)	-	(5.09)
31 to 50	50	69,520	\$	59.30	\$	58.05	\$	55.68	\$		(1.25)		(3.62)
51 to 100	100	10,916	\$	94.30	\$	90.11	\$	94.35	\$		(4.20)		0.05
101 to 150	150		\$	129.31	\$	122.16	\$	133.03	\$		(7.15)		3.73
151 to 200	200	926	\$	164.31	\$	154.21	\$	171.71	\$		(10.10)		7.40
201 to 300	300		\$	234.31	\$	218.32	\$	249.06	\$		(16.00)		14.75
301 to 400	400	322	\$	304.32	\$	282.42	\$	326.42	\$		(21.90)	>	22.10

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401 to 500	500	126	\$	374.32	\$	346.53	\$	403.77	\$	(27.80)	\$	29.45
501 to 600	600		\$	444.33	\$	410.63	\$	481.12	\$	(33.70)	-	36.80
Over 600	650		\$	479.33	\$	442.68	\$	519.80	\$	(36.65)	\$	40.47
			·						Bill	Diff.	Bill	Diff.
	High				\$2	6	\$1	7	Bev	veen	Bev	veen
Usage	End of	July Bill	Cui	rrent Bill	Cus	stomer	Cus	stomer	Cur	rent and	Cur	rent and
Range	Range	Distribution	Wi	th PGA	Cha	arge	Ch	arge	\$26	;	\$17	
1 to 10	10	193,841	\$	28.10	\$	32.41	\$	24.74	\$	4.31	\$	(3.36)
11 to 20	20	279,264	\$	36.70	\$	38.82	\$	32.47	\$	2.12	\$	(4.23)
21 to 30	30	87,188	\$	45.30	\$	45.23	\$	40.21	\$	(0.07)	\$	(5.09)
31 to 50	50	23,792	\$	59.30	\$	58.05	\$	55.68	\$	(1.25)		(3.62)
51 to 100	100	4,862	\$	94.30	\$	90.11	\$	94.35	\$	(4.20)		0.05
101 to 150	150	1,044	\$	129.31	\$	122.16	\$	133.03	\$	(7.15)	-	3.73
151 to 200	200	400	\$	164.31	\$	154.21		171.71	\$	(10.10)	-	7.40
201 to 300	300	270	\$	234.31	\$	218.32	\$	249.06	\$	(16.00)	-	14.75
301 to 400	400	58	\$	304.32	\$	282.42	\$	326.42	\$	(21.90)		22.10
401 to 500	500	17	\$	374.32	\$	346.53	\$	403.77	\$	(27.80)	\$	29.45
501 to 600	600	13	\$	444.33	\$	410.63	\$	481.12	\$	(33.70)	-	36.80
Over 600	650	17	\$	479.33	\$	442.68	\$	519.80	\$	(36.65)		40.47
										Diff.		Diff.
	High				\$2		\$17			veen		veen
Usage	End of	August Bill		rent Bill		tomer		stomer		rent and		rent and
Range	Range	Distribution		th PGA		arge		arge	\$26		\$17	
1 to 10	10	-	\$	28.10	\$	32.41	\$	24.74	\$	4.31	\$	(3.36)
11 to 20	20	-	\$	36.70	\$	38.82	\$	32.47	\$	2.12	\$	(4.23)
21 to 30	30	•	\$	45.30	\$	45.23	\$	40.21	\$	(0.07)	\$	(5.09)
31 to 50	50	· ·	\$	59.30	\$	58.05	\$	55.68	\$	(1.25)		(3.62)
E1 + 2 100	100	2 400	\$	94.30	\$	90.11	\$	94.35	\$	(4.20)	\$	0.05
51 to 100	100	-										3.73
101 to 150	150	655	\$	129.31	\$	122.16	\$	133.03	\$	(7.15)	\$	
101 to 150 151 to 200	150 200	655 260	\$ \$	129.31 164.31	\$	154.21	\$	171.71	\$	(10.10)	\$	7.40
101 to 150 151 to 200 201 to 300	150 200 300	655 260 161	\$ \$ \$	129.31 164.31 234.31	\$	154.21 218.32	\$ \$	171.71 249.06	\$	(10.10) (16.00)	\$ \$	7.40 14.75
101 to 150 151 to 200 201 to 300 301 to 400	150 200 300 400	655 260 161 39	\$ \$ \$	129.31 164.31 234.31 304.32	\$ \$ \$	154.21 218.32 282.42	\$ \$ \$	171.71 249.06 326.42	\$ \$ \$	(10.10) (16.00) (21.90)	\$ \$ \$	7.40 14.75 22.10
101 to 150 151 to 200 201 to 300 301 to 400 401 to 500	150 200 300 400 500	655 260 161 39 20	\$ \$ \$ \$	129.31 164.31 234.31 304.32 374.32	\$ \$ \$	154.21 218.32 282.42 346.53	\$ \$ \$	171.71 249.06 326.42 403.77	\$ \$ \$ \$	(10.10) (16.00) (21.90) (27.80)	\$ \$ \$ \$	7.40 14.75 22.10 29.45
101 to 150 151 to 200 201 to 300 301 to 400 401 to 500 501 to 600	150 200 300 400 500	655 260 161 39 20	\$ \$ \$ \$ \$	129.31 164.31 234.31 304.32 374.32 444.33	\$ \$ \$ \$	154.21 218.32 282.42 346.53 410.63	\$ \$ \$ \$	171.71 249.06 326.42 403.77 481.12	\$ \$ \$ \$	(10.10) (16.00) (21.90) (27.80) (33.70)	\$ \$ \$ \$	7.40 14.75 22.10 29.45 36.80
101 to 150 151 to 200 201 to 300 301 to 400 401 to 500	150 200 300 400 500	655 260 161 39 20	\$ \$ \$ \$	129.31 164.31 234.31 304.32 374.32	\$ \$ \$	154.21 218.32 282.42 346.53	\$ \$ \$	171.71 249.06 326.42 403.77	\$ \$ \$ \$ \$	(10.10) (16.00) (21.90) (27.80) (33.70) (36.65)	\$ \$ \$ \$ \$ \$	7.40 14.75 22.10 29.45 36.80 40.47
101 to 150 151 to 200 201 to 300 301 to 400 401 to 500 501 to 600	150 200 300 400 500 600 650	655 260 161 39 20 10	\$ \$ \$ \$ \$	129.31 164.31 234.31 304.32 374.32 444.33	\$ \$ \$ \$ \$	154.21 218.32 282.42 346.53 410.63 442.68	\$ \$ \$ \$ \$ \$	171.71 249.06 326.42 403.77 481.12 519.80	\$ \$ \$ \$ Bill	(10.10) (16.00) (21.90) (27.80) (33.70) (36.65) Diff.	\$ \$ \$ \$ Bill	7.40 14.75 22.10 29.45 36.80 40.47 Diff.
101 to 150 151 to 200 201 to 300 301 to 400 401 to 500 501 to 600 Over 600	150 200 300 400 500 600 650	655 260 161 39 20 10 16	\$ \$ \$ \$ \$ \$	129.31 164.31 234.31 304.32 374.32 444.33 479.33	\$ \$ \$ \$ \$	154.21 218.32 282.42 346.53 410.63 442.68	\$ \$ \$ \$ \$	171.71 249.06 326.42 403.77 481.12 519.80	\$ \$ \$ \$ Bill Bev	(10.10) (16.00) (21.90) (27.80) (33.70) (36.65) Diff.	\$ \$ \$ \$ Bill	7.40 14.75 22.10 29.45 36.80 40.47 Diff.
101 to 150 151 to 200 201 to 300 301 to 400 401 to 500 501 to 600 Over 600	150 200 300 400 500 600 650 High End of	655 260 161 39 20 10 16 September Bill	\$ \$ \$ \$ \$	129.31 164.31 234.31 304.32 374.32 444.33 479.33	\$ \$ \$ \$ \$ Cus	154.21 218.32 282.42 346.53 410.63 442.68	\$ \$ \$ \$ \$ Cus	171.71 249.06 326.42 403.77 481.12 519.80	\$ \$ \$ \$ Bill Bev	(10.10) (16.00) (21.90) (27.80) (33.70) (36.65) Diff. veen	\$ \$ \$ \$ Bill Bew	7.40 14.75 22.10 29.45 36.80 40.47 Diff.
101 to 150 151 to 200 201 to 300 301 to 400 401 to 500 501 to 600 Over 600 Usage Range	150 200 300 400 500 650 High End of Range	655 260 161 39 20 10 16 September Bill Distribution	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	129.31 164.31 234.31 304.32 374.32 444.33 479.33	\$ \$ \$ \$ \$ Cus Cha	154.21 218.32 282.42 346.53 410.63 442.68 6 stomer	\$ \$ \$ \$ \$ Cus	171.71 249.06 326.42 403.77 481.12 519.80	\$ \$ \$ \$ Bill Bev Cur \$26	(10.10) (16.00) (21.90) (27.80) (33.70) (36.65) Diff. veen rent and	\$ \$ \$ \$ Bill Bew Curr \$17	7.40 14.75 22.10 29.45 36.80 40.47 Diff.
101 to 150 151 to 200 201 to 300 301 to 400 401 to 500 501 to 600 Over 600 Usage Range 1 to 10	150 200 300 400 500 650 High End of Range	655 260 161 39 20 10 16 September Bill Distribution 179,582	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	129.31 164.31 234.31 304.32 374.32 444.33 479.33 Frent Bill th PGA 28.10	\$ \$ \$ \$ \$ \$ Cus Cha \$	154.21 218.32 282.42 346.53 410.63 442.68 6 stomer arge 32.41	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	171.71 249.06 326.42 403.77 481.12 519.80 7 stomer arge 24.74	\$ \$ \$ \$ Bill Bev Cur \$26	(10.10) (16.00) (21.90) (27.80) (33.70) (36.65) Diff. veen rent and	\$ \$ \$ \$ \$ Bill Bew Curr \$ 17	7.40 14.75 22.10 29.45 36.80 40.47 Diff. veen rent and
101 to 150 151 to 200 201 to 300 301 to 400 401 to 500 501 to 600 Over 600 Usage Range 1 to 10 11 to 20	150 200 300 400 500 650 High End of Range 10 20	655 260 161 39 20 10 16 September Bill Distribution 179,582 266,662	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	129.31 164.31 234.31 304.32 374.32 444.33 479.33 Frent Bill th PGA 28.10 36.70	\$ \$ \$ \$ \$ \$ \$ \$ Cus Cha \$ \$ \$	154.21 218.32 282.42 346.53 410.63 442.68 6 stomer arge 32.41 38.82	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	171.71 249.06 326.42 403.77 481.12 519.80 stomer arge 24.74 32.47	\$ \$ \$ \$ Bill Bev Cur \$26 \$	(10.10) (16.00) (21.90) (27.80) (33.70) (36.65) Diff. veen rent and 4.31 2.12	\$ \$ \$ \$ Bill Bew Curr \$17	7.40 14.75 22.10 29.45 36.80 40.47 Diff. veen rent and (3.36) (4.23)
101 to 150 151 to 200 201 to 300 301 to 400 401 to 500 501 to 600 Over 600 Usage Range 1 to 10 11 to 20 21 to 30	150 200 300 400 500 650 High End of Range 10 20 30	655 260 161 39 20 10 16 September Bill Distribution 179,582 266,662 85,466	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	129.31 164.31 234.31 304.32 374.32 444.33 479.33 Frent Bill th PGA 28.10 36.70 45.30	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	154.21 218.32 282.42 346.53 410.63 442.68 6 stomer arge 32.41 38.82 45.23	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	171.71 249.06 326.42 403.77 481.12 519.80 7 stomer arge 24.74 32.47 40.21	\$ \$ \$ \$ Bill Bev Cur \$26	(10.10) (16.00) (21.90) (27.80) (33.70) (36.65) Diff. veen rent and 4.31 2.12 (0.07)	\$ \$ \$ \$ \$ Bill Bew Curr \$ \$ 17	7.40 14.75 22.10 29.45 36.80 40.47 Diff. veen rent and (3.36) (4.23) (5.09)
101 to 150 151 to 200 201 to 300 301 to 400 401 to 500 501 to 600 Over 600 Usage Range 1 to 10 11 to 20 21 to 30 31 to 50	150 200 300 400 500 650 High End of Range 10 20 30 50	655 260 161 39 20 10 16 September Bill Distribution 179,582 266,662 85,466 24,488	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	129.31 164.31 234.31 304.32 374.32 444.33 479.33 Frent Bill th PGA 28.10 36.70 45.30 59.30	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	154.21 218.32 282.42 346.53 410.63 442.68 6 stomer arge 32.41 38.82 45.23 58.05	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	171.71 249.06 326.42 403.77 481.12 519.80 stomer arge 24.74 32.47 40.21 55.68	\$ \$ \$ \$ Bill Bev Cur \$26	(10.10) (16.00) (21.90) (27.80) (33.70) (36.65) Diff. veen rent and 4.31 2.12 (0.07) (1.25)	\$ \$ \$ \$ \$ Bill Bew Curr \$17 \$ \$ \$ \$	7.40 14.75 22.10 29.45 36.80 40.47 Diff. veen rent and (3.36) (4.23) (5.09) (3.62)
101 to 150 151 to 200 201 to 300 301 to 400 401 to 500 501 to 600 Over 600 Usage Range 1 to 10 11 to 20 21 to 30 31 to 50 51 to 100	150 200 300 400 500 650 High End of Range 10 20 30 50	655 260 161 39 20 10 16 September Bill Distribution 179,582 266,662 85,466 24,488 4,674	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	129.31 164.31 234.31 304.32 374.32 444.33 479.33 Frent Bill th PGA 28.10 36.70 45.30 59.30 94.30	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	154.21 218.32 282.42 346.53 410.63 442.68 6 stomer arge 32.41 38.82 45.23 58.05 90.11	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	171.71 249.06 326.42 403.77 481.12 519.80 stomer arge 24.74 32.47 40.21 55.68 94.35	\$ \$ \$ \$ \$ Bill Bev Cur \$26	(10.10) (16.00) (21.90) (27.80) (33.70) (36.65) Diff. veen rent and 4.31 2.12 (0.07) (1.25) (4.20)	\$ \$ \$ \$ \$ Bill Bew Curr \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7.40 14.75 22.10 29.45 36.80 40.47 Diff. veen rent and (3.36) (4.23) (5.09) (3.62) 0.05
101 to 150 151 to 200 201 to 300 301 to 400 401 to 500 501 to 600 Over 600 Usage Range 1 to 10 11 to 20 21 to 30 31 to 50 51 to 100 101 to 150	150 200 300 400 500 650 High End of Range 10 20 30 50 100	655 260 161 39 20 10 16 September Bill Distribution 179,582 266,662 85,466 24,488 4,674 1,197	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	129.31 164.31 234.31 304.32 374.32 444.33 479.33 Frent Bill th PGA 28.10 36.70 45.30 59.30 94.30 129.31	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	154.21 218.32 282.42 346.53 410.63 442.68 6 stomer arge 32.41 38.82 45.23 58.05 90.11 122.16	\$ \$ \$ \$ \$ \$ \$ \$ Cus \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	171.71 249.06 326.42 403.77 481.12 519.80 7 stomer arge 24.74 32.47 40.21 55.68 94.35 133.03	\$ \$ \$ \$ \$ Bill Bev Cur \$26	(10.10) (16.00) (21.90) (27.80) (33.70) (36.65) Diff. veen rent and 4.31 2.12 (0.07) (1.25) (4.20) (7.15)	\$ \$ \$ \$ \$ Bill Bew Curr \$ 17	7.40 14.75 22.10 29.45 36.80 40.47 Diff. veen rent and (3.36) (4.23) (5.09) (3.62) 0.05 3.73
101 to 150 151 to 200 201 to 300 301 to 400 401 to 500 501 to 600 Over 600 Usage Range 1 to 10 11 to 20 21 to 30 31 to 50 51 to 100	150 200 300 400 500 650 High End of Range 10 20 30 50	655 260 161 39 20 10 16 September Bill Distribution 179,582 266,662 85,466 24,488 4,674 1,197 646	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	129.31 164.31 234.31 304.32 374.32 444.33 479.33 Frent Bill th PGA 28.10 36.70 45.30 59.30 94.30	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	154.21 218.32 282.42 346.53 410.63 442.68 6 stomer arge 32.41 38.82 45.23 58.05 90.11	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	171.71 249.06 326.42 403.77 481.12 519.80 stomer arge 24.74 32.47 40.21 55.68 94.35	\$ \$ \$ \$ \$ Bill Bev Cur \$26	(10.10) (16.00) (21.90) (27.80) (33.70) (36.65) Diff. veen rent and 4.31 2.12 (0.07) (1.25) (4.20)	\$ \$ \$ \$ \$ Bill Bew \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7.40 14.75 22.10 29.45 36.80 40.47 Diff. veen rent and (3.36) (4.23) (5.09) (3.62) 0.05

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301 to 400	400	231	\$	304.32	\$	282.42	\$	326.42	\$	(21.90)	\$	22.10
401 to 500			\$	374.32	ب \$	346.53	ب \$	403.77	۶ \$	(27.80)		29.45
501 to 600	600			444.33	\$	410.63	ب \$	481.12	\$	(33.70)	-	36.80
Over 600	650		,y \$	479.33	\$	442.68	\$	519.80	\$	(36.65)		40.47
Over 000	050	, 40	Y	475.55	Ÿ	442,00	7	313.00	Bill I	•		Diff.
	High				\$2	6	\$1	7	Bew			veen
Usage	End of	October Bill	Cur	rent Bill	-	stomer	-	, stomer		ent and		rent and
Range	Range	Distribution		h PGA		arge		arge	\$26	Cirt and	\$17	
1 to 10	10		\$	28.10	\$	32.41	\$	24.74	\$	4.31	\$	(3.36)
11 to 20	20	-	\$	36.70	\$	38.82	\$	32.47	\$	2.12	\$	(4.23)
21 to 30	30	•	\$	45.30	\$	45.23	\$	40.21	\$	(0.07)		(5.09)
31 to 50	50	•	\$	59.30	\$	58.05	\$	55.68	\$	(1.25)	-	(3.62)
51 to 100	100		\$	94.30	\$	90.11	\$	94.35	\$	(4.20)		0.05
101 to 150	150	•	\$	129.31	\$	122.16	\$	133.03	\$	(7.15)		3.73
151 to 200	200	•	\$	164.31	\$	154.21	\$	171.71	\$	(10.10)		7.40
201 to 300	300	513	\$	234.31	\$	218.32	\$	249.06	\$	(16.00)	•	14.75
301 to 400	400	268	\$	304.32	\$	282.42	\$	326.42	\$	(21.90)		22.10
401 to 500	500	175	\$	374.32	\$	346.53	\$	403.77	\$	(27.80)	\$	29.45
501 to 600	600	122	\$	444.33	\$	410.63	\$	481.12	\$	(33.70)	\$	36.80
Over 600	650	146	\$	479.33	\$	442.68	\$	519.80	\$	(36.65)	\$	40.47
									Bill D	Diff.	Bill	Diff.
	High	November			\$26		\$17		Beween		Beween	
Usage	End of	Bill	Cur	rent Bill	Cus	tomer	Cus	tomer	Curr	ent and	Curr	ent and
D	D	m. 1 . 11 . 1							4		4	
Range	Range	Distribution		h PGA		irge		arge	\$26		\$17	
1 to 10	10	66,736	\$	32.13	\$	32.41	\$	24.74	\$	0.28	\$	(7.39)
1 to 10 11 to 20	10 20	66,736 132,815	\$ \$	32.13 44.76	\$ \$	32.41 38.82	\$ \$	24.74 32.47	\$ \$	(5.94)	\$ \$	(12.29)
1 to 10 11 to 20 21 to 30	10 20 30	66,736 132,815 121,474	\$ \$ \$	32.13 44.76 57.39	\$ \$ \$	32.41 38.82 45.23	\$ \$ \$	24.74 32.47 40.21	\$ \$ \$	(5.94) (12.16)	\$ \$ \$	(12.29) (17.18)
1 to 10 11 to 20 21 to 30 31 to 50	10 20 30 50	66,736 132,815 121,474 145,469	\$ \$ \$ \$	32.13 44.76 57.39 69.19	\$ \$ \$	32.41 38.82 45.23 58.05	\$ \$ \$	24.74 32.47 40.21 55.68	\$ \$ \$	(5.94) (12.16) (11.14)	\$ \$ \$ \$	(12.29) (17.18) (13.52)
1 to 10 11 to 20 21 to 30 31 to 50 51 to 100	10 20 30 50 100	66,736 132,815 121,474 145,469 107,093	\$ \$ \$ \$	32.13 44.76 57.39 69.19 98.70	\$ \$ \$ \$	32.41 38.82 45.23 58.05 90.11	\$ \$ \$ \$	24.74 32.47 40.21 55.68 94.35	\$ \$ \$ \$	(5.94) (12.16) (11.14) (8.60)	\$ \$ \$ \$	(12.29) (17.18) (13.52) (4.35)
1 to 10 11 to 20 21 to 30 31 to 50 51 to 100 101 to 150	10 20 30 50 100 150	66,736 132,815 121,474 145,469 107,093 13,680	\$ \$ \$ \$ \$	32.13 44.76 57.39 69.19 98.70 128.22	\$ \$ \$ \$ \$	32.41 38.82 45.23 58.05 90.11 122.16	\$ \$ \$ \$ \$	24.74 32.47 40.21 55.68 94.35 133.03	\$ \$ \$ \$ \$	(5.94) (12.16) (11.14) (8.60) (6.06)	\$ \$ \$ \$ \$	(12.29) (17.18) (13.52) (4.35) 4.82
1 to 10 11 to 20 21 to 30 31 to 50 51 to 100 101 to 150 151 to 200	10 20 30 50 100 150 200	66,736 132,815 121,474 145,469 107,093 13,680 2,666	\$ \$ \$ \$ \$ \$ \$	32.13 44.76 57.39 69.19 98.70 128.22 157.73	\$ \$ \$ \$ \$ \$	32.41 38.82 45.23 58.05 90.11 122.16 154.21	\$ \$ \$ \$ \$ \$ \$	24.74 32.47 40.21 55.68 94.35 133.03 171.71	\$ \$ \$ \$ \$ \$	(5.94) (12.16) (11.14) (8.60) (6.06) (3.52)	\$ \$ \$ \$ \$ \$	(12.29) (17.18) (13.52) (4.35) 4.82 13.98
1 to 10 11 to 20 21 to 30 31 to 50 51 to 100 101 to 150 151 to 200 201 to 300	10 20 30 50 100 150 200	66,736 132,815 121,474 145,469 107,093 13,680 2,666 1,080	\$ \$ \$ \$ \$ \$ \$	32.13 44.76 57.39 69.19 98.70 128.22 157.73 216.75	\$ \$ \$ \$ \$ \$ \$ \$	32.41 38.82 45.23 58.05 90.11 122.16 154.21 218.32	\$ \$ \$ \$ \$ \$ \$ \$	24.74 32.47 40.21 55.68 94.35 133.03 171.71 249.06	\$ \$ \$ \$ \$ \$ \$ \$	(5.94) (12.16) (11.14) (8.60) (6.06) (3.52) 1.57	\$ \$ \$ \$ \$ \$ \$ \$	(12.29) (17.18) (13.52) (4.35) 4.82 13.98 32.31
1 to 10 11 to 20 21 to 30 31 to 50 51 to 100 101 to 150 151 to 200 201 to 300 301 to 400	10 20 30 50 100 150 200 300 400	66,736 132,815 121,474 145,469 107,093 13,680 2,666 1,080 239	\$ \$ \$ \$ \$ \$ \$ \$	32.13 44.76 57.39 69.19 98.70 128.22 157.73 216.75 275.77	\$ \$ \$ \$ \$ \$ \$ \$	32.41 38.82 45.23 58.05 90.11 122.16 154.21 218.32 282.42	\$ \$ \$ \$ \$ \$ \$ \$ \$	24.74 32.47 40.21 55.68 94.35 133.03 171.71 249.06 326.42	\$ \$ \$ \$ \$ \$ \$ \$ \$	(5.94) (12.16) (11.14) (8.60) (6.06) (3.52) 1.57 6.65	\$ \$ \$ \$ \$ \$ \$ \$ \$	(12.29) (17.18) (13.52) (4.35) 4.82 13.98 32.31 50.65
1 to 10 11 to 20 21 to 30 31 to 50 51 to 100 101 to 150 151 to 200 201 to 300 301 to 400 401 to 500	10 20 30 50 100 150 200 300 400 500	66,736 132,815 121,474 145,469 107,093 13,680 2,666 1,080 239	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32.13 44.76 57.39 69.19 98.70 128.22 157.73 216.75 275.77 334.79	\$ \$ \$ \$ \$ \$ \$ \$ \$	32.41 38.82 45.23 58.05 90.11 122.16 154.21 218.32 282.42 346.53	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	24.74 32.47 40.21 55.68 94.35 133.03 171.71 249.06 326.42 403.77	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(5.94) (12.16) (11.14) (8.60) (6.06) (3.52) 1.57 6.65 11.73	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(12.29) (17.18) (13.52) (4.35) 4.82 13.98 32.31 50.65 68.98
1 to 10 11 to 20 21 to 30 31 to 50 51 to 100 101 to 150 151 to 200 201 to 300 301 to 400 401 to 500 501 to 600	10 20 30 50 100 150 200 300 400 500	66,736 132,815 121,474 145,469 107,093 13,680 2,666 1,080 239 108	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32.13 44.76 57.39 69.19 98.70 128.22 157.73 216.75 275.77 334.79 393.81	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32.41 38.82 45.23 58.05 90.11 122.16 154.21 218.32 282.42 346.53 410.63	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	24.74 32.47 40.21 55.68 94.35 133.03 171.71 249.06 326.42 403.77 481.12	\$\$\$\$\$\$\$\$\$\$\$\$	(5.94) (12.16) (11.14) (8.60) (6.06) (3.52) 1.57 6.65 11.73 16.82	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(12.29) (17.18) (13.52) (4.35) 4.82 13.98 32.31 50.65 68.98 87.31
1 to 10 11 to 20 21 to 30 31 to 50 51 to 100 101 to 150 151 to 200 201 to 300 301 to 400 401 to 500	10 20 30 50 100 150 200 300 400 500	66,736 132,815 121,474 145,469 107,093 13,680 2,666 1,080 239	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32.13 44.76 57.39 69.19 98.70 128.22 157.73 216.75 275.77 334.79	\$ \$ \$ \$ \$ \$ \$ \$ \$	32.41 38.82 45.23 58.05 90.11 122.16 154.21 218.32 282.42 346.53	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	24.74 32.47 40.21 55.68 94.35 133.03 171.71 249.06 326.42 403.77	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(5.94) (12.16) (11.14) (8.60) (6.06) (3.52) 1.57 6.65 11.73 16.82 19.36	\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$	(12.29) (17.18) (13.52) (4.35) 4.82 13.98 32.31 50.65 68.98 87.31 96.48
1 to 10 11 to 20 21 to 30 31 to 50 51 to 100 101 to 150 151 to 200 201 to 300 301 to 400 401 to 500 501 to 600	10 20 30 50 100 150 200 300 400 500 650	66,736 132,815 121,474 145,469 107,093 13,680 2,666 1,080 239 108 64	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32.13 44.76 57.39 69.19 98.70 128.22 157.73 216.75 275.77 334.79 393.81	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32.41 38.82 45.23 58.05 90.11 122.16 154.21 218.32 282.42 346.53 410.63 442.68	\$\$\$\$\$\$\$\$\$\$\$\$	24.74 32.47 40.21 55.68 94.35 133.03 171.71 249.06 326.42 403.77 481.12 519.80	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(5.94) (12.16) (11.14) (8.60) (6.06) (3.52) 1.57 6.65 11.73 16.82 19.36	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(12.29) (17.18) (13.52) (4.35) 4.82 13.98 32.31 50.65 68.98 87.31 96.48
1 to 10 11 to 20 21 to 30 31 to 50 51 to 100 101 to 150 151 to 200 201 to 300 301 to 400 401 to 500 501 to 600 Over 600	10 20 30 50 100 150 200 300 400 500 650	66,736 132,815 121,474 145,469 107,093 13,680 2,666 1,080 239 108 64 117	\$\$\$\$\$\$\$\$\$\$\$\$	32.13 44.76 57.39 69.19 98.70 128.22 157.73 216.75 275.77 334.79 393.81 423.33	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32.41 38.82 45.23 58.05 90.11 122.16 154.21 218.32 282.42 346.53 410.63 442.68	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	24.74 32.47 40.21 55.68 94.35 133.03 171.71 249.06 326.42 403.77 481.12 519.80	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(5.94) (12.16) (11.14) (8.60) (6.06) (3.52) 1.57 6.65 11.73 16.82 19.36 Diff.	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(12.29) (17.18) (13.52) (4.35) 4.82 13.98 32.31 50.65 68.98 87.31 96.48 Diff.
1 to 10 11 to 20 21 to 30 31 to 50 51 to 100 101 to 150 151 to 200 201 to 300 301 to 400 401 to 500 501 to 600 Over 600	10 20 30 50 100 150 200 300 400 500 650 High	66,736 132,815 121,474 145,469 107,093 13,680 2,666 1,080 239 108 64 117 December Bill	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32.13 44.76 57.39 69.19 98.70 128.22 157.73 216.75 275.77 334.79 393.81 423.33	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32.41 38.82 45.23 58.05 90.11 122.16 154.21 218.32 282.42 346.53 410.63 442.68	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	24.74 32.47 40.21 55.68 94.35 133.03 171.71 249.06 326.42 403.77 481.12 519.80	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ Bill D	(5.94) (12.16) (11.14) (8.60) (6.06) (3.52) 1.57 6.65 11.73 16.82 19.36 Diff.	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(12.29) (17.18) (13.52) (4.35) 4.82 13.98 32.31 50.65 68.98 87.31 96.48
1 to 10 11 to 20 21 to 30 31 to 50 51 to 100 101 to 150 151 to 200 201 to 300 301 to 400 401 to 500 501 to 600 Over 600 Usage Range	10 20 30 50 100 150 200 300 400 500 650 High End of Range	66,736 132,815 121,474 145,469 107,093 13,680 2,666 1,080 239 108 64 117 December Bill Distribution	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32.13 44.76 57.39 69.19 98.70 128.22 157.73 216.75 275.77 334.79 393.81 423.33	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32.41 38.82 45.23 58.05 90.11 122.16 154.21 218.32 282.42 346.53 410.63 442.68	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	24.74 32.47 40.21 55.68 94.35 133.03 171.71 249.06 326.42 403.77 481.12 519.80 tomer	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(5.94) (12.16) (11.14) (8.60) (6.06) (3.52) 1.57 6.65 11.73 16.82 19.36 Diff.	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(12.29) (17.18) (13.52) (4.35) 4.82 13.98 32.31 50.65 68.98 87.31 96.48 Diff. een
1 to 10 11 to 20 21 to 30 31 to 50 51 to 100 101 to 150 151 to 200 201 to 300 301 to 400 401 to 500 501 to 600 Over 600	10 20 30 50 100 150 200 300 400 500 650 High	66,736 132,815 121,474 145,469 107,093 13,680 2,666 1,080 239 108 64 117 December Bill	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32.13 44.76 57.39 69.19 98.70 128.22 157.73 216.75 275.77 334.79 393.81 423.33	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32.41 38.82 45.23 58.05 90.11 122.16 154.21 218.32 282.42 346.53 410.63 442.68	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	24.74 32.47 40.21 55.68 94.35 133.03 171.71 249.06 326.42 403.77 481.12 519.80	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ Bill D	(5.94) (12.16) (11.14) (8.60) (6.06) (3.52) 1.57 6.65 11.73 16.82 19.36 Diff. een	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(12.29) (17.18) (13.52) (4.35) 4.82 13.98 32.31 50.65 68.98 87.31 96.48 Diff. een ent and
1 to 10 11 to 20 21 to 30 31 to 50 51 to 100 101 to 150 151 to 200 201 to 300 301 to 400 401 to 500 501 to 600 Over 600 Usage Range 1 to 10	10 20 30 50 100 150 200 300 400 500 650 High End of Range	66,736 132,815 121,474 145,469 107,093 13,680 2,666 1,080 239 108 64 117 December Bill Distribution 13,276	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32.13 44.76 57.39 69.19 98.70 128.22 157.73 216.75 275.77 334.79 393.81 423.33 rent Bill h PGA 32.13	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32.41 38.82 45.23 58.05 90.11 122.16 154.21 218.32 282.42 346.53 410.63 442.68 5 tomer rge 32.41	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	24.74 32.47 40.21 55.68 94.35 133.03 171.71 249.06 326.42 403.77 481.12 519.80 tomer arge 24.74	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(5.94) (12.16) (11.14) (8.60) (6.06) (3.52) 1.57 6.65 11.73 16.82 19.36 Diff. een ent and	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(12.29) (17.18) (13.52) (4.35) 4.82 13.98 32.31 50.65 68.98 87.31 96.48 Diff. een ent and (7.39) (12.29)
1 to 10 11 to 20 21 to 30 31 to 50 51 to 100 101 to 150 151 to 200 201 to 300 301 to 400 401 to 500 501 to 600 Over 600 Usage Range 1 to 10 11 to 20	10 20 30 50 100 150 200 300 400 500 650 High End of Range	66,736 132,815 121,474 145,469 107,093 13,680 2,666 1,080 239 108 64 117 December Bill Distribution 13,276 11,475	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32.13 44.76 57.39 69.19 98.70 128.22 157.73 216.75 275.77 334.79 393.81 423.33 rent Bill h PGA 32.13 44.76	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32.41 38.82 45.23 58.05 90.11 122.16 154.21 218.32 282.42 346.53 410.63 442.68 tomer rge 32.41 38.82	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	24.74 32.47 40.21 55.68 94.35 133.03 171.71 249.06 326.42 403.77 481.12 519.80 tomer arge 24.74 32.47	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(5.94) (12.16) (11.14) (8.60) (6.06) (3.52) 1.57 6.65 11.73 16.82 19.36 Diff. een	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(12.29) (17.18) (13.52) (4.35) 4.82 13.98 32.31 50.65 68.98 87.31 96.48 Diff. een ent and
1 to 10 11 to 20 21 to 30 31 to 50 51 to 100 101 to 150 151 to 200 201 to 300 301 to 400 401 to 500 501 to 600 Over 600 Usage Range 1 to 10 11 to 20 21 to 30	10 20 30 50 100 150 200 300 400 500 650 High End of Range 10 20 30	66,736 132,815 121,474 145,469 107,093 13,680 2,666 1,080 239 108 64 117 December Bill Distribution 13,276 11,475 13,267	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32.13 44.76 57.39 69.19 98.70 128.22 157.73 216.75 275.77 334.79 393.81 423.33 rent Bill h PGA 32.13 44.76 57.39	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32.41 38.82 45.23 58.05 90.11 122.16 154.21 218.32 282.42 346.53 410.63 442.68 tomer rge 32.41 38.82 45.23	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	24.74 32.47 40.21 55.68 94.35 133.03 171.71 249.06 326.42 403.77 481.12 519.80 tomer irge 24.74 32.47 40.21	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(5.94) (12.16) (11.14) (8.60) (6.06) (3.52) 1.57 6.65 11.73 16.82 19.36 Diff. een ent and	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(12.29) (17.18) (13.52) (4.35) 4.82 13.98 32.31 50.65 68.98 87.31 96.48 Diff. een ent and (7.39) (12.29) (17.18)
1 to 10 11 to 20 21 to 30 31 to 50 51 to 100 101 to 150 151 to 200 201 to 300 301 to 400 401 to 500 501 to 600 Over 600 Usage Range 1 to 10 11 to 20 21 to 30 31 to 50	10 20 30 50 100 150 200 300 400 500 650 High End of Range 10 20 30 50	66,736 132,815 121,474 145,469 107,093 13,680 2,666 1,080 239 108 64 117 December Bill Distribution 13,276 11,475 13,267 45,703	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32.13 44.76 57.39 69.19 98.70 128.22 157.73 216.75 275.77 334.79 393.81 423.33 rent Bill h PGA 32.13 44.76 57.39 69.19	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32.41 38.82 45.23 58.05 90.11 122.16 154.21 218.32 282.42 346.53 410.63 442.68 5 tomer rge 32.41 38.82 45.23 58.05	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	24.74 32.47 40.21 55.68 94.35 133.03 171.71 249.06 326.42 403.77 481.12 519.80 tomer arge 24.74 32.47 40.21 55.68	\$ \$ \$ \$ \$ \$ \$ \$ Bill D Bewee \$26 \$ \$ \$	(5.94) (12.16) (11.14) (8.60) (6.06) (3.52) 1.57 6.65 11.73 16.82 19.36 oliff. een ent and 0.28 (5.94) (12.16) (11.14)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(12.29) (17.18) (13.52) (4.35) 4.82 13.98 32.31 50.65 68.98 87.31 96.48 Diff. een ent and (7.39) (12.29) (17.18) (13.52)
1 to 10 11 to 20 21 to 30 31 to 50 51 to 100 101 to 150 151 to 200 201 to 300 301 to 400 401 to 500 501 to 600 Over 600 Usage Range 1 to 10 11 to 20 21 to 30 31 to 50 51 to 100	10 20 30 50 100 150 200 300 400 500 650 High End of Range 10 20 30 50	66,736 132,815 121,474 145,469 107,093 13,680 2,666 1,080 239 108 64 117 December Bill Distribution 13,276 11,475 13,267 45,703 185,052	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32.13 44.76 57.39 69.19 98.70 128.22 157.73 216.75 275.77 334.79 393.81 423.33 rent Bill h PGA 32.13 44.76 57.39 69.19 98.70	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	32.41 38.82 45.23 58.05 90.11 122.16 154.21 218.32 282.42 346.53 410.63 442.68 tomer rge 32.41 38.82 45.23 58.05 90.11	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	24.74 32.47 40.21 55.68 94.35 133.03 171.71 249.06 326.42 403.77 481.12 519.80 tomer irge 24.74 32.47 40.21 55.68 94.35	\$ \$ \$ \$ \$ \$ \$ \$ Bill D Bewer \$ 26 \$ \$ \$ \$ \$	(5.94) (12.16) (11.14) (8.60) (6.06) (3.52) 1.57 6.65 11.73 16.82 19.36 Diff. een ent and 0.28 (5.94) (12.16) (11.14) (8.60)	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(12.29) (17.18) (13.52) (4.35) 4.82 13.98 32.31 50.65 68.98 87.31 96.48 Diff. een ent and (7.39) (12.29) (17.18) (13.52) (4.35)

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201 to 300	300	48,011	\$ 216.75	\$ 218.32	\$ 249.06	\$ 1.57	\$	32.31
301 to 400	400	10,078	\$ 275.77	\$ 282.42	\$ 326.42	\$ 6.65	\$.	50.65
401 to 500	500	3,010	\$ 334.79	\$ 346.53	\$ 403.77	\$ 11.73	\$	68.98
501 to 600	600	1,167	\$ 393.81	\$ 410.63	\$ 481.12	\$ 16.82	\$	87.31
Over 600	650	1,059	\$ 423.33	\$ 442.68	\$ 519.80	\$ 19.36	\$	96.48

Bill Impacts Using Staff Revenue Requirement without PGA

	-								Bill D	iff.	Bill	Diff.
	High				\$26		\$17		Beween		Beween	
Usage	End of	January Bill	Cur	rent Bill	Cus	tomer	Cus	stomer	Curre	ent and	Cur	rent and
Range	Range	Distribution	Wit	h PGA	Cha	arge	Cha	arge	\$26		\$17	
1 to 10	10	10,571	\$	28.67	\$	27.63	\$	19.96	\$	(1.03)	\$	(8.71)
11 to 20	20	7,193	\$	37.84	\$	29.27	\$	22.92	\$	(8.57)	\$	(14.92)
21 to 30	30	7,798	\$	47.01	\$	30.90	\$	25.88	\$	(16.10)	\$	(21.13)
31 to 50	50	20,461	\$	47.01	\$	34.17	\$	31.79	\$	(12.84)	\$	(15.21)
51 to 100	100	126,010	\$	47.01	\$	42.34	\$	46.59	\$	(4.67)	\$	(0.42)
101 to 150	150	186,156	\$	47.01	\$	50.51	\$	61.38	\$	3.50	\$	14.37
151 to 200	200	124,569	\$	47.01	\$	58.68	\$	76.17	\$	11.67	\$	29.17
201 to 300	300	87,139	\$	47.01	\$	75.01	\$	105.76	\$	28.01	\$	58.76
301 to 400	400	20,549	\$	47.01	\$	91.35	\$	135.35	\$	44.35	\$	88.34
401 to 500	500	6,481	\$	47.01	\$	107.69	\$	164.94	\$	60.68	\$	117.93
501 to 600	600	2,383	\$	47.01	\$	124.03	\$	194.52	\$	77.02	\$	147.52
Over 600	650	2,070	\$	47.01	\$	132.20	\$	209.32	\$	85.19	\$	162.31
									Bill D	iff.	Bill	Diff.
	High				\$2	6	\$17	7	Bewe	een	Bev	veen
Usage	End of	February Bill	Çur	rent Bill	Cus	stomer	Cus	stomer		ent and		rent and
Range	Range	Distribution		h PGA		arge		arge	\$26		\$17	
1 to 10	10	10,826	\$	28.67	\$	27.63	\$	19.96	\$	(1.03)	\$	(8.71)
11 to 20	20	6,861	\$	37.84	\$	29.27	\$	22.92	\$	(8.57)		(14.92)
21 to 30	30	7,292	\$	47.01	\$	30.90	\$	25.88	\$	(16.10)	\$	(21.13)
31 to 50	50	20,343	\$	47.01	\$	34.17	\$	31.79	\$	(12.84)		(15.21)
51 to 100	1.00	136,058	\$	47.01	\$	42.34	\$	46.59	\$	(4.67)	\$	(0.42)
101 to 150	150	213,017	\$	47.01	\$	50.51	\$	61.38	\$	3.50	\$	14.37
151 to 200	200	122,063	\$	47.01	\$	58.68	\$	76.17	\$	11.67	\$	29.17
201 to 300	200		\$	47.01	\$	75.01	\$	105.76	\$	28.01	\$	58.76
	300	-										00 24
301 to 400	400	· ·	\$	47.01	\$	91.35	\$	135.35	\$	44.35	\$	88.34
301 to 400 401 to 500		13,049	\$ \$	47.01 47.01	\$	107.69	\$	164.94	\$	60.68	\$	117.93
	400	13,049 3,542	\$ \$ \$	47.01 47.01 47.01	\$ \$ \$	107.69 124.03	\$ \$	164.94 194.52	\$ \$	60.68 77.02	\$	117.93 147.52
401 to 500	400 500	13,049 3,542 1,272	\$ \$	47.01 47.01	\$	107.69	\$	164.94	\$ \$ \$	60.68 77.02 85.19	\$ \$ \$	117.93 147.52 162.31
401 to 500 501 to 600	400 500 600	13,049 3,542 1,272	\$ \$ \$	47.01 47.01 47.01	\$ \$ \$ \$	107.69 124.03 132.20	\$ \$ \$	164.94 194.52 209.32	\$ \$ \$ Bill D	60.68 77.02 85.19	\$ \$ \$ Bill	117.93 147.52 162.31 Diff.
401 to 500 501 to 600	400 500 600 650 High	13,049 3,542 1,272 1,205	\$ \$ \$ \$	47.01 47.01 47.01 47.01	\$ \$ \$ \$	107.69 124.03 132.20	\$ \$ \$	164.94 194.52 209.32	\$ \$ Bill D	60.68 77.02 85.19 off.	\$ \$ Bill Bev	117.93 147.52 162.31 Diff.
401 to 500 501 to 600	400 500 600 650	13,049 3,542 1,272 1,205 March Bill	\$ \$ \$ \$	47.01 47.01 47.01 47.01 rent Bill	\$ \$ \$ \$ \$ Cus	107.69 124.03 132.20 6 stomer	\$ \$ \$ \$17 Cus	164.94 194.52 209.32 7 stomer	\$ \$ Bill D Bewe	60.68 77.02 85.19	\$ \$ Bill Bev Cur	117.93 147.52 162.31 Diff. veen rent and
401 to 500 501 to 600 Over 600	400 500 600 650 High End of Range	13,049 3,542 1,272 1,205 March Bill Distribution	\$ \$ \$ \$ Cur	47.01 47.01 47.01 47.01 rent Bill	\$ \$ \$ \$ Cus Cha	107.69 124.03 132.20 6 stomer	\$ \$ \$ \$ Cus Cha	164.94 194.52 209.32 7 stomer	\$ \$ Bill D Bewee Curre \$26	60.68 77.02 85.19 oiff. een	\$ \$ Bill Bev Cur \$17	117.93 147.52 162.31 Diff. veen rent and
401 to 500 501 to 600 Over 600 Usage	400 500 600 650 High End of	13,049 3,542 1,272 1,205 March Bill Distribution 13,980	\$ \$ \$ \$	47.01 47.01 47.01 47.01 rent Bill	\$ \$ \$ \$ \$ Cus	107.69 124.03 132.20 6 stomer	\$ \$ \$ \$ Cus Cha \$	164.94 194.52 209.32 7 stomer	\$ \$ Bill D Bewe	60.68 77.02 85.19 off.	\$ \$ Bill Bev Cur \$17 \$	117.93 147.52 162.31 Diff. veen rent and

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		47.070		47.04		20.00		25.00		(4.0.40)		(04.40)
21 to 30	30	-		47.01		30.90	•	25.88	•	(16.10)		(21.13)
31 to 50	50	•	•	47.01		34.17	\$	31.79		(12.84)		(15.21)
51 to 100	100	•		47.01		42.34	\$	46.59	-	(4.67)	-	(0.42)
101 to 150		•	\$	47.01	-	50.51	\$	61.38	•	3.50	\$	14.37
151 to 200		•	\$	47.01	\$	58.68	\$	76.17	\$	11.67	\$	29.17
201 to 300		-	\$	47.01	\$	75.01	\$	105.76	\$	28.01	\$	58.76
301 to 400		•	\$	47.01	\$	91.35	\$	135.35	\$	44.35	\$	88.34
401 to 500			\$	47.01	\$	107.69	\$	164.94	\$	60.68	\$	117.93
501 to 600			\$	47.01	\$	124.03	\$	194.52	\$	77.02	\$	147.52
Over 600	650	255	\$	47.01	\$	132.20	\$	209.32	\$	85.19	\$	162.31
										Diff.		Diff.
	High		_	. 544	\$2		\$1			/een	Beween	
Usage	End of	April Bill		rent Bill		stomer		stomer		rent and		rent and
Range	Range	Distribution		h PGA		arge		arge	\$26	(4.00)	\$17	
1 to 10	10	•	\$	28.67	\$	27.63	\$	19.96	\$	(1.03)	•	(8.71)
11 to 20	20	•	\$	37.84	\$	29.27	\$	22.92	\$	(8.57)	-	(14.92)
21 to 30	30	-	\$	47.01	\$	30.90	\$	25.88	\$	(16.10)	•	(21.13)
31 to 50	50	•	\$	47.01	\$	34.17	\$	31.79	\$	(12.84)	\$	(15.21)
51 to 100	100	•	\$	47.01	\$	42.34	\$	46.59	\$	(4.67)	\$	(0.42)
101 to 150	150		\$	47.01	\$	50.51	\$	61.38	\$	3.50	\$	14.37
151 to 200	200	-	\$	47.01	\$	58.68	\$	76.17	\$	11.67	\$	29.17
201 to 300	300	•	\$	47.01	\$	75.01	\$	105.76	\$	28.01	\$	58.76
301 to 400	400		\$	47.01	\$	91.35	\$	135.35	\$	44.35	\$	88.34
401 to 500	500		\$	47.01	\$	107.69	\$	164.94	\$	60.68	\$	117.93
501 to 600	600		\$	47.01	\$	124.03	\$	194.52	\$	77.02	\$	147.52
Over 600	650	153	\$	47.01	\$	132.20	\$	209.32	\$ Bill I	85.19	\$ P31	162.31 Diff.
	High				\$2	c ·	\$17	7	Bew			veen.
Heada	End of	May Bill	C	rent Bill	•	tomer	•	, stomer		ent and		rent and
Usage Range	Range	Distribution		h PGA		arge		arge	\$26	ciit aiiu	\$17	
1 to 10	Nange 10		\$	22.63	\$	27.63	\$	19.96	\$20	5.00	\$1.7 \$	(2.67)
11 to 20	20	-	\$	25.76	\$	29.27	\$	22.92	\$	3.51	\$	(2.84)
21 to 30	30		\$	28.89	\$	30.90	\$	25.88	\$	2.01	\$	(3.01)
31 to 50	50 50		\$	31.95	\$	34.17	\$	31.79	\$	2.22	\$	(0.15)
51 to 100	100	-	\$	39.59	\$	42.34	\$	46.59	\$	2.74	\$	6.99
101 to 150	150	•	\$	47.24	\$	50.51	\$	61.38	\$	3.26	\$	14.14
151 to 200	200	-	\$	54.89	\$	58.68	\$	76.17	\$	3.78	\$	21.28
201 to 300	300		\$	70.19	\$	75.01	\$	105.76	\$	4.83	\$	35.57
301 to 400	400		\$	85.49	\$	91.35	\$	135.35	\$	5.87	\$	49.86
401 to 500	500		\$	100.78	\$	107.69	\$	164.94	\$	6.91	\$	64.15
501 to 600	600		\$	116.08	\$	124.03	\$	194.52	\$	7.95	\$	78.44
302 (0 000			~	220.00	~							
Over 600			\$	123.73	\$	132.20	-5	209.32	S	8.47	\$	85.59
Over 600	650		\$	123.73	\$	132.20	\$	209.32	\$ Bill (8.47 Diff.	\$ Bill	85.59 Diff.
Over 600	650		\$	123.73	•		-		Bill [Diff.	Bill	Diff.
	650 High	196		123.73	\$2		\$17		Bill I Bew	Diff.	Bill Bew	
Usage	650 High End of		Curi		\$20 Cus	6 tomer	\$17 Cus	7 stomer	Bill I Bew Curr	Oiff. een	Bill Bew	Diff. reen
	650 High	196 June Bill Distribution	Curi	ent Bill	\$20 Cus	6	\$17 Cus	7	Bill I Bew	Oiff. een	Bill Bew Curi	Diff. reen

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441.00	2.0	240277	,	25.70	نم	20.27	بر	22.02	ć	2 64	Ļ	(2.04)
11 to 20	20	•	\$	25.76 28.89	-	29.27 30.90	\$	22.92 25.88	\$ ¢	3.51 2.01	\$ \$	(2.84)
21 to 30	30	•	\$ \$		•		\$ \$		\$ \$		۶ \$	(3.01)
31 to 50	50	•	-	31.95	\$ \$	34.17 42.34	۶ \$	31.79 46.59	۶ \$	2.22 2.74	۶ \$	(0.15) 6.99
51 to 100	100			39.59			\$ \$	61.38	۶ \$	3.26	۶ \$	14.14
101 to 150		•	\$ &	47.24	\$ \$	50.51	\$ \$		۶ \$		۶ \$	21.28
151 to 200			\$	54.89	•	58.68	-	76.17	\$ \$	3.78		
201 to 300			\$	70.19	\$	75.01	\$	105.76 135.35	۶ \$	4.83	\$ \$	35.57 49.86
301 to 400			\$ \$	85.49	\$ \$	91.35	\$ \$		\$ \$	5.87	\$ \$	49.86 64.15
401 to 500			-	100.78	•	107.69	\$ \$	164.94	\$ \$	6.91 7.95	\$ \$	
501 to 600			\$	116.08	\$	124.03	•	194.52	۶ \$		۶ \$	78.44 85.59
Over 600	650) 64	\$	123.73	\$	132.20	\$	209.32	⇒ Bill Diff	8.47	ې Bill ت	
	111 ala				\$2	c	\$17	7	Beweer		Bew	
	High	tulu Dill	<u>ر</u>	rrent Bill			•		•			ent and
Usage	End of	July Bill				stomer		stomer	Current \$26	anu	\$17	ent and
Range	Range	Distribution		th PGA 22.63	\$	arge	\$	arge 19.96	\$20 \$	5.00	\$17	(2.67)
1 to 10	10	•	\$		\$ \$	27.63 29.27	۶ \$	22.92	\$ \$	3.51	۶ \$	(2.67)
11 to 20	20	•	\$ \$	25.76	\$ \$	30.90	۶ \$	25.88	\$ \$	2.01	۶ \$	(2.84) (3.01)
21 to 30	30	•	\$ \$	28.89 31.95	\$	34.17	۶ \$	31.79	\$ \$	2.22	۶ \$	(0.15)
31 to 50	50 100	•		39.59	۶ \$	42.34	۶ \$	46.59	\$ \$	2.74	۶ \$	6.99
51 to 100	100	=	\$ \$	47.24	۶ \$	50.51	۶ \$	61.38	\$ \$	3.26	۶ \$	14.14
101 to 150 151 to 200	150 200	•	۶ \$	54.89	۶ \$	58.68	۶ \$	76.17	\$ \$	3.78	۶ \$	21.28
201 to 300	300		ب \$	70.19	۶ \$	75.01	۶ \$	105.76	\$ \$	4.83	۶ \$	35.57
301 to 400	400		۶ \$	85.49	\$	91.35	۶ \$	135.35	۰ \$	5.87	\$	49.86
401 to 500	500		۶ \$	100.78	\$	107.69	ب \$	164.94	\$ \$	6.91	۶ \$	64.15
501 to 600	600		۶ \$	116.08	\$	124.03	\$	194.52	\$	7.95	ب \$	78.44
Over 600	650		۶ \$	123.73	۶ \$	132.20	ب \$	209.32	\$	8.47	\$	85.59
Over 600	030	, 1,	Ą	123.73	7	132.20	۲	205.52	Bill Diff.		Bill D	
	High				\$2	6	\$17	,	Beween			
Usage	End of	August Bill	Cin	rrent Bill	Customer		-	tomer	Current and		Beween Current and	
Range	Range	Distribution		th PGA		arge		arge	\$26	unu	\$17	cire unia
1 to 10	10					=		19.96	\$	5.00	_	(2.67)
11 to 20	20		\$	25.76	\$	29.27	\$	22.92	\$	3.51	\$	(2.84)
21 to 30	30		\$	28.89	\$	30.90	\$	25.88	\$	2.01	\$	(3.01)
31 to 50	50		\$	31.95	\$	34.17	\$	31.79	\$	2.22	\$	(0.15)
51 to 100	100		\$	39.59	\$	42.34	\$.		\$	2.74	\$	6.99
101 to 150	150		\$	47.24	\$	50.51	\$	61.38	\$	3.26	\$	14.14
151 to 200	. 200		\$	54.89	\$	58.68	\$	76.17	\$	3.78	\$	21.28
201 to 300	300		\$	70.19	\$	75.01	\$	105.76	\$	4.83	\$	35.57
301 to 400			\$	85.49	\$	91.35	\$	135.35	\$	5.87	\$	49.86
401 to 500	500		\$	100.78	\$	107.69	\$	164.94	\$	6.91	\$	64.15
501 to 600	600		\$	116.08	\$	124.03	\$	194.52	\$	7.95	\$	78.44
Over 600	650		\$	123.73	\$	132.20	\$	209.32	\$	8.47	\$	85.59
J. J. 500		10	٣		7	9	•		Bill Diff.		Bill D	
	High	September			\$2	6	\$17	,	Beween		Bew	
Usage	End of	Bill	Cur	rent Bill		tomer		tomer	Current			ent and
Range	Range	Distribution		th PGA		irge		ırge	\$26		\$17	
						5 -		<i>0 -</i>			,	

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1 to 10	10	179,582	\$	22.63	\$	27.63	\$	19.96	\$	5.00	\$	(2.67)
11 to 20	20	266,662	\$	25.76	\$	29.27	\$	22.92	\$	3.51	\$	(2.84)
21 to 30	30	85,466	\$	28.89	\$	30.90	\$	25.88	\$	2.01	\$	(3.01)
31 to 50	50	24,488	\$	31.95	\$	34.17	\$	31.79	\$	2.22	\$	(0.15)
51 to 100	100	4,674	\$	39.59	\$	42.34	\$	46.59	\$	2.74	\$	6.99
101 to 150	150	1,197	\$	47.24	\$	50.51	\$	61.38	\$	3.26	\$	14.14
151 to 200	200	646	\$	54.89	\$	58.68	\$	76.17	\$	3.78	\$	21.28
201 to 300	300	634	\$	70.19	\$	75.01	\$	105.76	\$	4.83	\$	35.57
301 to 400	400	231	\$	85.49	\$	91.35	\$	135.35	\$	5.87	\$	49.86
401 to 500	500	101	\$	100.78	\$	107.69	\$	164.94	\$	6.91	\$	64.15
501 to 600	600	45	\$	116.08	\$	124.03	\$	194.52	\$	7.95	\$	78.44
Over 600	650	40	\$	123.73	\$	132.20	\$	209.32	\$	8.47	\$	85.59
					-				Bill	Diff.	Bill	Diff.
	High				\$2	6	\$17	7	Bew	een	Bev	ween
Usage	End of	October Bill	Cui	rent Bill	Cus	tomer	Cus	stomer	Curr	ent and	Cui	rent and
Range	Range	Distribution		th PGA	Cha	arge	Cha	arge	\$26		\$17	7
1 to 10	10	159,741	\$	22.63	\$	27.63	\$	19.96	\$	5.00	\$	(2.67)
11 to 20	20	•	\$	25.76	\$	29.27	\$	22.92	\$	3.51	\$	(2.84)
21 to 30	30	•	\$	28.89	\$	30.90	\$	25.88	\$	2.01	\$	(3.01)
31 to 50	50	•	\$	31.95	\$	34.17	\$	31.79	\$	2.22	\$	(0.15)
51 to 100	100	•	\$	39.59	\$	42.34	\$	46.59	\$	2.74	\$	6.99
101 to 150	150	•	\$	47.24	\$	50.51	\$	61.38	\$	3.26	\$	14.14
151 to 200	200	•	\$	54.89	\$	58.68	\$	76.17	\$	3.78	\$	21.28
201 to 300	300		\$	70.19	\$	75.01	\$	105.76	\$	4.83	\$	35.57
301 to 400	400		\$	85.49	\$	91.35	\$	135.35	; \$	5.87	\$	49.86
401 to 500	500		\$	100.78	\$	107.69	\$	164.94	, \$	6.91	\$	64.15
501 to 600	600		\$	116.08	\$	124.03	\$	194.52	\$	7.95	\$	78.44
Over 600	650		\$	123.73	\$	132.20	\$	209.32	\$	8.47	;	85.59
0.000	030	140	٧	123.73	٧	102.20	Υ.	200.02	Bill I			Diff.
	High	November			\$2	6	\$17	7	Bew			ween
Usage	End of	Bill	Cui	rent Bill	•	tomer		stomer		ent and	Cui	rent and
Range	Range	Distribution		th PGA		arge		arge	\$26		\$17	
1 to 10	10		\$	28.67	\$	27.63	\$	19.96	\$	(1.03)	•	(8.71)
11 to 20	20		\$	37.84	\$	29.27	\$	22.92	\$	(8.57)		(14.92)
21 to 30	30		\$	47.01	\$	30.90	\$	25.88	\$	(16.10)		(21.13)
31 to 50	50	•	\$	47.01	\$	34.17	\$	31.79	\$	(12.84)		(15.21)
51 to 100	100		\$	47.01	\$	42.34	\$	46.59	\$	(4.67)		(0.42)
101 to 150	150	· ·	\$	47.01	\$	50.51	\$	61.38	\$	3.50	\$	14.37
151 to 200	200		•	47.01	\$	58.68	\$	76.17	\$	11.67	\$	29.17
201 to 300	300	•	\$	47.01	\$	75.01	\$	105.76	\$	28.01	\$	58.76
301 to 400	400		\$	47.01	\$	91.35	\$	135.35	\$	44.35	\$	88.34
			۶ \$	47.01	\$	107.69	\$	164.94	\$	60.68	\$	117.93
401 to 500	500 600		۶ \$	47.01	\$	124.03	\$	194.52	\$	77.02	\$	147.52
501 to 600	600			47.01	•	132.20	ې \$	209.32	\$	85.19	\$	162.31
Over 600	650	11/	Ş	47.01	Ą	132.20	Ç	203.32	Ą	03,13	γ,	TOC.JI

	High	December			\$2	26	\$1	7 ·		Diff. ween		l Diff. ween
Usage	End of	Bill	Cur	rent Bill	Cu	stomer	Cu	stomer	Cur	rent and	Cu	rrent and
Range	Range	Distribution	Wit	th PGA	Ch	arge	Ch	arge	\$26	5	\$1	7
1 to 10	10	13,276	\$	28.67	\$	27.63	\$	19.96	\$	(1.03)	\$	(8.71)
11 to 20	20	11,475	\$	37.84	\$	29.27	\$	22.92	\$	(8.57)	\$	(14.92)
21 to 30	30	13,267	\$	47.01	\$	30.90	\$	25.88	\$	(16.10)	\$	(21.13)
31 to 50	50	45,703	\$	47.01	\$	34.17	\$	31.79	\$	(12.84)	\$	(15.21)
51 to 100	100	185,052	\$	47.01	\$	42.34	\$	46.59	\$	(4.67)	\$	(0.42)
101 to 150	150	160,461	\$	47.01	\$	50.51	\$	61.38	\$	3.50	\$	14.37
151 to 200	200	81,680	\$	47.01	\$	58.68	\$	76.17	\$	11.67	\$	29.17
201 to 300	300	48,011	\$	47.01	\$	75.01	\$	105.76	\$	28.01	\$	58.76
301 to 400	400	10,078	\$	47.01	\$	91.35	\$	135.35	\$	44.35	\$	88.34
401 to 500	500	3,010	\$	47.01	\$	107.69	\$	164.94	\$	60.68	\$	117.93
501 to 600	600	1,167	\$	47.01	\$	124.03	\$	194.52	\$	77.02	\$	147.52
Over 600	650	1,059	\$	47.01	\$	132.20	\$	209.32	\$	85.19	\$	162,31