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Witness: Timothy S. Lyons
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Sponsoring Party: Laclede Gas Company;

Missouri Gas Energy

Case Nos.: GR-2017-0215; GR-2017-0216

Date Prepared: April 11, 2017

LACLEDE GAS COMPANY MISSOURI GAS ENERGY

GR-2017-0215 GR-2017-0216

DIRECT TESTIMONY

OF

TIMOTHY S. LYONS

APRIL 2017

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DIRECT TESTIMONY OF TIMOTHY S. LYONS

- 2 Q. PLEASE STATE YOUR NAME, OCCUPATION, AND BUSINESS ADDRESS.
- 3 A. My name is Timothy S. Lyons. I am a Partner at ScottMadden Inc. My business address
- is 1900 West Park Road, Suite 250, Westborough, MA 01581.

5 Q. ON WHOSE BEHALF ARE YOU SUBMITTING THIS TESTIMONY?

- 6 A. I am submitting this testimony on behalf of Laclede Gas ("LAC") and Missouri Gas
- 7 Energy ("MGE"), both of which are operating units of Laclede Gas Company ("Laclede"
- 8 or the "Company").

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9 Q. PLEASE DESCRIBE YOUR PROFESSIONALEXPERIENCE.

- 10 A. I have more than 30 years of experience in the energy industry. I started my career in
- 1985 at Boston Gas Company, eventually becoming Director of Rates and Revenue
- Analysis. In 1993, I moved to Providence Gas Company, eventually becoming Vice
- President of Marketing and Regulatory Affairs. Starting in 2001, I held several
- management consulting positions in the energy industry, first at KEMA and then at
- Quantec, LLC. In 2005, I became Vice President of Sales and Marketing at Vermont Gas
- Systems, Inc. before joining Sussex Economic Advisors, LLC ("Sussex") in 2013.
- Sussex was acquired by ScottMadden in 2016.

O. WHAT IS YOUR EDUCATIONAL BACKGROUND?

- 19 A. I hold a Bachelor's degree from St. Anselm College, a Master's degree in Economics
- from Penn State, and a Master's degree in Business Administration from Babson College.
- 21 Q. HAS THIS TESTIMONY BEEN PREPARED BY YOU OR UNDER YOUR
- 22 **DIRECTION?**
- 23 A. Yes, it has.

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1 Q. HAVE YOU PREVIOUSLY PROVIDED TESTIMONY BEFORE A

REGULATORY COMMISSION?

A.

3 A. Yes. Schedule TSL-D1 to my direct testimony contains a list of regulatory proceedings 4 in which I have sponsored testimony.

I. PURPOSE OF TESTIMONY

6 Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?

A. The purpose of this testimony is to describe the approach used to design the proposed delivery rates for LAC and MGE. The testimony includes: (a) a description of the current and proposed rate classes for LAC and MGE; (b) development of the allocated Cost of Service Studies ("COSS") for LAC and MGE; and (c) development of the proposed revenue targets, rate design, and bill impact analysis for each rate class for LAC and MGE.

II. OVERVIEW AND CURRENT RATE STRUCTURE

Q. PLEASE DESCRIBE LAC'S CUSTOMER BASE.

LAC is an operating unit of Laclede Gas Company which, in turn, is a wholly-owned subsidiary of Spire Inc. LAC provides service to communities in the St. Louis metropolitan area as well as to communities located in surrounding counties throughout eastern Missouri. It is headquartered in St. Louis, and presently serves 646,754 customers: 605,635 (93.6 percent) are residential. Customers are presently served under one of ten rate classes based on type of service and load characteristics. Eight of the ten rate classes are shown in Figure 1. The two remaining rate classes, Street Lighting and Propane, were not evaluated as part of the COSS study given their unique characteristics

and minimal impact on the overall cost of service. However, the revenues generated by those rate classes were credited to the cost of service based on current margins.

3 Q. PLEASE DESCRIBE LAC'S CURRENT RATE STRUCTURE.

A.

LAC's current rate structure consists of both delivery rates and Purchase Gas Adjustment ("PGA") rates for gas sales. LAC's current delivery rates were approved by the Commission in July 2013. The delivery rates consist of a monthly customer charge and consumption charges, as shown in Figure 1. The consumption charges generally consists of declining step rates (or block rates) and seasonal rates; i.e., the rates are lower in the off-peak period (May through October) than in the peak period (November through April). LAC's current rates were designed to recover all peak period revenues through the customer charge and the first block (or head block) rate. This was done to help mitigate the impact of weather on customer bills and LAC revenues. The current delivery rates also include demand charges for the largest General Service ("GS") or Commercial and Industrial ("C&I") customers.

The PGA rate recovers the cost of natural gas supplies purchased to meet the needs of its sales customers.

¹ Case GR-2013-0171, In the Matter of Laclede Gas Company's Filing of Revised Tariffs to Increase its Annual Revenues for Natural Gas

Residential ("RS")	Available to any residential customer	Customer charge: \$19.50
, ,	,	Consumption charge (Nov-Apr)
		1st 30 therms: \$0.91686
		Over 30 therms: \$0.00000
		Consumption charge (May-Oct)
		1st 30 therms: \$0.31290
		Over 30 therms: \$0.15297
C&I Class 1 ("C1")	Available to any C&I customer having	Customer charge: \$25.50
	annual usage less than 5,000 therms	Consumption charge (Nov-Apr)
		1 st 50 therms: \$0.87711
		Over 50 therms: \$0.00000
		Consumption charge (May-Oct)
		1 st 50 therms: \$0.33832
		Over 50 therms: \$0.11492
C&I Class 2 ("C2")	Available to any C&I customer having	Customer charge: \$44.29
	annual usage between 5,000 and 50,000	Consumption charge (Nov-Apr)
	therms	1 st 500 therms: \$0.61244
		Over 500 therms: \$0.00000
		Consumption charge (May-Oct)
		1st 500 therms: \$0.15306
		Over 500 therms: \$0.12421
C&I Class 3 ("C3")	Available to any C&I customer having	Customer charge: \$88.57
	annual usage more than 50,000 therms	Consumption charge (Nov-Apr)
		1 st 3000 therms: \$0.85663
		Over 3000 therms: \$0.00000
		Consumption charge (May-Oct)
		1 st 3000 therms: \$0.15444
		Over 3000 therms: \$0.12457
Large Volume ("LV")	Available to any C&I customer having daily	Customer charge: \$847.78
	billing demand of at least 250 therms and	Consumption charge
	annual usage more than 60,000 therms	1st 36,000 therms: \$0.02502
		Over 36,000 therms: \$0.00701
		Demand charge: \$0.95000
Interruptible ("IN")	Available to any C&I customer that agrees	Customer charge: \$776.36
	to be subject to interruption.	Consumption charge
		1st 100,000 therms: \$0.10440
		Over 100,000 therms: \$0.08083
Vehicular Fuel ("VF")	Available to any station that sells natural	Customer charge: \$22.09
	gas for vehicle fuel use	All therms: \$0.05332
Transportation ("TR")	Available to any C&I customer with a	Customer charge: \$2,069.94
	Billing Demand of at least 1500 therms,	Consumption charge
	and annual usage in excess of 300,000	1 st 36,000 therms: \$0.02502
	therms that purchases natural gas from	Over 36,000 therms: \$0.00701
	third-party supplier	Reservation charge: \$0.60000

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Q. HOW DOES THE CURRENT RATE DESIGN MITIGATE THE IMPACT OF

4 WEATHER ON CUSTOMER BILLS AND LAC REVENUES?

² The customer charges in Figure 1 excludes the Infrastructure System Replacement Surcharge ("ISRS").

A significant portion of LAC's cost of service is recovered on the basis of customer usage (or per therm) charges that reflect usage at the time rate are established (i.e., rates are based on the level of usage in the historic test year, adjusted for normal weather). Thus, to the extent that actual usage is significantly lower than the level assumed in rates, then LAC's rates recover less than the approved cost of service. Conversely, to the extent that actual usage is significantly higher than the amount assumed in rates, then LAC's rates recover more than the approved cost of service.

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There are many causes for variations in usage, including the impact of weather, energy conservation and installation of energy efficiency measures. For gas utilities, the impact of weather is generally the cause for significant variations in usage. In colder-than-normal weather, for example, customer usage generally increases, resulting in higher customer bills and higher utility revenues. In warmer-than-normal weather, customer usage generally decreases, resulting in lower customer bills and lower utility revenues.

LAC's current rates were designed such that most of the weather sensitive usage, such as heating usage, is billed at the second step or tail block rate. Conversely, most of the non-weather sensitive usage, such as cooking or water hearing usage, is billed at the first step or head block rate. By recovering peak period revenues through the customer charge and the first block (or head block) rates, changes in customer usage due to variations in weather would have the least amount of impact on LAC revenues.

Q. WHY IS IT IMPORTANT TO MITIGATE THE IMPACT OF WEATHER ON CUSTOMER BILLS AND LAC REVENUES??

A. It is important to mitigate the impact of weather on customer bills and LAC revenues to reduce volatility in customer bills and utility revenues. The source of the volatility is that

changes in revenues do not match changes in cost. Natural gas distribution costs are largely fixed and change very little in the short run as usage levels change. However, distribution rates generally have a significant variable or usage-based component that changes revenues substantially as usage levels change. This is the case when weather is colder- or warmer-than-normal. For example, warmer-than-normal temperatures in the winter generally lead to lower customer bills and lower utility revenues without a corresponding decrease in delivery costs. Conversely, colder-than-normal winter temperatures generally lead to higher customer bills and higher utility revenues without a corresponding increase in delivery costs. Consequently, changes in weather tend to result in fluctuations in both customer bills and company revenue. Since the marginal components of the rate structure are not equal to cost, the changes in revenue are not matched with changes in cost. This is a common concern in the natural gas industry, and is not unique to LAC and MGE.

Q. WHAT IS THE SOLUTION?

A.

There are several approaches in the industry that have been used to address this issue. One approach has been to increase customer charges. This approach improves fixed cost recovery through a better alignment of rates and costs. The concern with this approach is adverse customer bill impacts, particularly for low-use customers. Another approach has been to implement revenue decoupling mechanisms. Revenue decoupling separates or "decouples" the relationship between the amount of natural gas delivered by a utility and the revenues it receives from such delivery. Revenue decoupling has generally been considered by gas utilities in the context of stabilizing customer bills and utility revenues

in response to weather fluctuations as well as reductions in customer usage due to customer conservation and installation of energy efficiency measures.³

A.

A third approach has been to implement creative rate designs, such as LAC's block rate structure. LAC's rate design mitigates the impact of weather on customer bills and utility revenues by recovering peak period distribution revenues in the customer charge and head block.

Q. WHAT ARE THE COMPANY'S CONCERNS REGARDING LAC'S CURRENT RATE DESIGN?

The Company believes that LAC's current rate design is largely based on the objective of stabilizing the impact of weather on customer bills and utility revenues, with somewhat less emphasis on other rate design objectives, such as bill continuity and simplicity. To meet the stabilization objective, LAC has established customer charges that are relatively high compared to the rest of the industry as well as developed a complex rate design that does not recover peak period distribution costs in the tail block and a PGA that varies between head block and tail block consumption. Regarding the latter feature, I am not aware of another gas utility in the country that has such a blocked PGA rate structure. As a result, the Company is concerned that the current rate design produces adverse customer bill impacts, particularly on low-use customers and is complicated to administer.

Q. WHAT ARE THE PROBLEMS THAT ARISE FROM LAC'S CURRENT RATE DESIGN?

22 A. There are several problems that arise from LAC's current rate design, including:

³ "Decoupling and Natural Gas Utilities", American Gas Association, July 2009. https://library.cee1.org/system/files/library/3988/2009JulAGADecouplingFactSheet.pdf

- Non-gas portion of customer bills that vary with weather and/or other changes in use;
 - Utility revenues that vary with customer use and remain dependent on weather (despite LAC's attempts to cure it);
 - Low-use customers that pay relatively large bills;

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- LAC's financial disincentive to promote energy efficiency measures;
- Costs recovered through LAC's PGA may be higher or lower than cost recovered through a more traditional PGA; and
 - Rate design that is highly complex, not easily understood and difficult to administer.

Q. IN WHAT WAY DOES LAC'S PGA DIFFER FROM MORE TRADITIONAL PGA'S?

LAC's PGA varies by head block and tail block consumption. Specifically, the PGA rate is lower in the head block and higher in the tail block. This unique structure was put in place to help mitigate customer bill impacts due to higher head block charges that recover a substantial portion of peak period distribution revenues. However, the block break structure in the PGA has an impact on the recovery of gas supply-related costs, especially fixed costs such as pipeline and storage related demand charges. Since a higher proportion of the PGA costs are recovered in the tail block under the block break structure, variations in customer usage in the tail block create a higher proportion of under-recovery of costs when weather is warmer-than-normal and over-recovery when weather is colder-than-normal. While this is an issue that is common among most PGA's – i.e., under-recovery of costs in warmer weather and over-recovery in colder weather –

the issue is magnified with LAC since most gas utilities have a single PGA that is billed to all consumption. In addition, the higher rate in the tail block reflects the customer class's most sensitive consumption.

Q. WHAT IS THE COMPANY'S PROPOSAL TO ADDRESS THESE PROBLEMS?

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As discussed in the testimony of Laclede witnesses Lobser and Weitzel, LAC proposes to address these problems through its proposed Revenue Stabilization Mechanism (RSM), which is a form of revenue decoupling. The RSM decouples the relationship between customer usage and the revenue LAC ultimately receives from such usage. The proposed RSM would apply to only Residential and Small General Service rate classes for LAC and MGE. The proposed RSM enables the Company to better balance its rate design objectives, including moderating customer bill impacts on low use customers and adopting a simpler rate design. Revenue decoupling mechanisms in general will stabilize the impact of weather on customer bills and LAC revenues as well as stabilize the impact of customer conservation and installation of energy efficiency measures on the Company while still providing a meaningful incentive to the customer pursuing energy efficiency measures. Specifically, revenue decoupling mechanisms have been adopted throughout the country to address a utility's financial disincentive in promoting conservation and energy efficiency measures due to the adverse impact that such measures have on utility revenues (since revenues are tied to customer use). Revenue decoupling mechanisms remove such disincentives by decoupling utility revenues from customer use. The proposed RSM is not unique. According to The American Council for an Energy-Efficiency Economy (ACEEE) 2016 Scorecard, twenty-three states have implemented revenue decoupling mechanisms for gas

utilities with another eight states having a form of partial decoupling know as a "Lost Revenue Adjustment Mechanism (LRAM)".⁴

Q. IS THE COMPANY PROPOSING ANY SPECIFIC CHANGES TO LAC'S EXISTING RATE CLASSES?

Yes, as discussed in the testimony of Laclede witness Weitzel, the Company believes that

LAC's existing C&I rate classes could be improved through consolidation of several C&I

rate classes in a manner that maintains the underlying cost differences in serving different

types of customers.

9 Q. WHAT IS THE COMPANY'S PROPOSAL REGARDING LAC'S NEW C&I 10 RATE CLASSES?

LAC proposes to create two C&I rate classes, consistent with MGE's C&I rate classes: A. 11 Small General Service (SGS) and Large General Service (LGS). The SGS rate class 12 includes those customers with annual usage of 10,000 therms or less while the LGS 13 includes those customers with annual usage greater than 10,000 therms. The Company 14 believes that the proposed changes will simplify LAC's rate structure, while meeting the 15 Company's objective of providing more consistent rate treatment across the LAC and 16 17 MGE systems to minimize customer confusion. Importantly, the proposed changes maintain underlying cost differences in serving different types of customers. 18

Q. PLEASE DESCRIBE LAC'S USAGE PROFILES FOR EACH RATE CLASS.

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A. Figure 2 provides a breakdown of test year customers and usage by rate class. The test year is based on the period January 1, 2016 through December 31, 2016. The usage has been normalized for weather. Figure 2 shows that the Residential class consists of 605,635 customers using approximately 488.2 million therms annually.

⁴ Berg et. al., *The 2016 State Energy Efficiency Scorecard* (2016), pg. 45, http://aceee.org/research-report/ul606.

Figure 2: LAC Test Year Customers and Normalized Use

aclede Gas Company						
Test Year	Number of	% of	Annual	% of	Use per	
Customers and Usage	Customers	Customers	Use	Use	Customer	
Residential	605,635	93.6%	488,185,483	54.1%	806	
Small General Service	37,040	5.7%	77,590,502	8.6%	2,095	
Large General Service	3,720	0.6%	132,304,153	14.7%	35,562	
Large Volume	68	0.0%	10,059,571	1.1%	147,573	
Interruptibles	21	0.0%	7,107,794	0.8%	342,544	
Vehicular Fuel	8	0.0%	3,193,198	0.4%	403,351	
Transportation	142	0.0%	183,302,053	20.3%	1,293,897	
Propane	36	0.0%	16,336	0.0%	452	
Gas Light	84	0.0%	153,621	0.0%	1,828	
Total	646,754	100.0%	901,912,711	100.0%	1,395	

Figure 2 shows wide variation in annual use per customer among the rate classes.

Residential customers use on average 806 therms per year, while Transportation

customers use on average 1,293,897 therms per year.

Figure 3 shows seasonal variation among LAC's five largest customer classes, which

comprise approximately 99.0 percent of total throughput. Seasonal variation is calculated

as monthly use divided by peak month use.

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Figure 3: Monthly Use as a Percentage of Peak Month Use (LAC Rate Classes)



Most LAC rate classes demonstrate a seasonal load pattern, with monthly consumption increasing during the heating season and decreasing during the non-heating season. The LV and Transportation rate classes, in contrast, demonstrate a flatter, less seasonal load pattern during the year and a much higher overall utilization factor. As discussed below, these differences in load patterns have implications on the cost of service.

Q. PLEASE DESCRIBE MISSOURI GAS ENERGY'S CUSTOMER BASE.

MGE is an operating unit of Laclede Gas Company and serves more than 500,000 residential, commercial and industrial customers in communities in the Kansas City metropolitan area and western Missouri. MGE presently serves 501,758 customers:

468,460 (93.4 percent) are residential. Customers are served under one of five rate classes based on type of service and load characteristics. Four of the five rate classes are shown in Figure 4. The remaining rate class, Street Lighting, was not evaluated as part of the COSS study given its unique characteristics and minimal impact on the overall cost of service. However, the revenues generated by the Street Lighting rate class were credited to the cost of service based on current margins.

Q. PLEASE DESCRIBE MISSOURI GAS ENERGY'S CURRENT RATE STRUCTURE.

MGE's current rate structure consists of delivery rates and PGA rates. MGE's current delivery rates were approved by the Commission in May 2014.⁵ The delivery rates consist of customer charges and consumption charges, as shown on Figure 4. For MGE's largest C&I customers, the consumption charges consist of declining step rates and seasonal rates that are lower in the off-peak period (April through October) than the peak period (November through March).

As noted previously, the PGA rates recover the cost of natural gas supplies purchased to the meet the needs of its sales customers.

⁵ Case GR-2014-0007, In the Matter of Missouri Gas Energy's Filing of Revised Tariffs to Increase its Annual Revenues for Natural Gas

Residential	Available to any residential customer	Customer charge: \$23.00 Consumption charge:
		All therms: \$0.07380
Small General Service	Available to any C&I customer having annual usage less than 10,000 CCF	Customer charge: \$34.00 Consumption charge:
		All therms: \$0.05430
Large General Service	Available to any C&I customer having annual usage greater than 10,000 CCF, but monthly usage less than 30,000 CCF	Customer charge: \$115.40 Consumption charge (Nov-Mar):
Large Volume	Available to any C&I customer whose usage exceeds 15,000 CCF in at least one month per year	Customer charge: \$904.56 Consumption charge (Nov-Mar): 1st 30,000 therms: \$0.05636 Over 30 therms: \$0.04424 Consumption charge (Apr-Oct): 1st 30,000 therms: \$0.03565 Over 30 therms: \$0.02352

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Q. DOES THE PROPOSED RSM APPLY TO MGE AS WELL?

- 4 A. Yes. The proposed RSM described above would also apply to MGE's Residential and Small General Service rate classes.
- Q. IS THE COMPANY PROPOSING ANY CHANGES TO MGE'S EXISTING RATE
 CLASSES?
- A. Yes. As discussed in the testimony of Laclede witnesses Lobser and Weitzel, the
 Company proposes to standardize how landlords in LAC and MGE's service area are
 charged when the rental unit is vacant. In LAC's service area, landlords continue to be
 billed at the Residential rates including both customer charge and consumption charges
 when the rental unit is vacant. In MGE's service area, landlords are billed at the SGS
 rates which are higher than the residential rates when the rental unit is vacant. This
 approach has caused dissatisfaction among MGE's landlords, who believe it is unfair. In

⁶ For MGE, the Street Lighting rate class is not included in the Cost of Service Study and Rate Design.

⁷ The customer charges in Figure 4 excludes the Infrastructure System Replacement Surcharge ("ISRS").

response, the Company proposes to move test year bills and usage associated with MGE's landlords from the SGS rate class to the Residential rate class. Accordingly, MGE's test year bills and usage related to landlords are included in the Residential rate class.

5 Q. PLEASE DESCRIBE MGE'S USAGE PROFILES.

A. Figure 5 provides a breakdown of test year customers and usage by rate class. The test year is based on the period January 1, 2016 through December 31, 2016. The usage has been normalized for weather. The Figure shows that the Residential rate class consists of 468,460 customers using approximately 366.1 million therms annually.

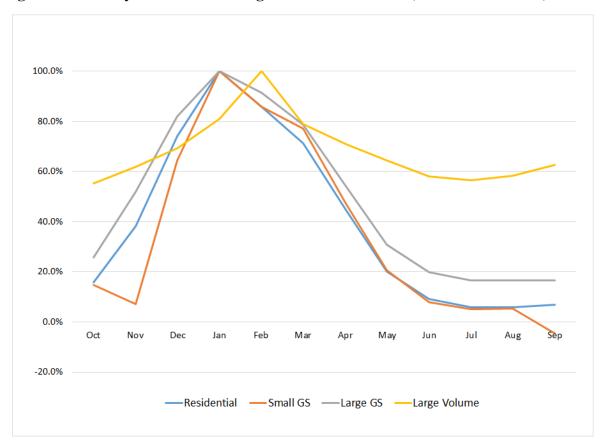
Figure 5: Test Year Customers and Annual Usage (MGE Rate Classes)

Missouri Gas Energy					
Test Year	Number of	% of	Annual	% of	Use per Customer
Customers and Usage	Customers	Customers	Use	Use	
Residential	468.460	93.4%	366,148,361	48.0%	782
Small General Service	29,637	5.9%	56,239,220	7.4%	1,898
Large General Service	3,263	0.7%	74,357,619	9.7%	22,788
Large Volume	395	0.1%	266,738,665	34.9%	674,522
Gas Light	3	0.0%			
Total	501,758	100.0%	763,483,865	100.0%	699,989

Figure 5 shows variation in annual use per customer among the rate classes. The Figure shows that Residential customers use on average 782 therms per year, while Large Volume customers use on average 674,522 therms per year.

Figure 6 shows seasonal variation of MGE's customer classes. Seasonal variation is calculated as monthly use divided by peak month use.

Figure 6: Monthly Use as a Percentage of Peak Month Use (MGE Rate Classes)



Most MGE rate classes demonstrate a season load pattern, with monthly consumption increasing during the heating season and decreasing during the non-heating season. The Large Volume rate class, in contrast, demonstrates a flatter, less seasonal load pattern and a much higher overall utilization factor. As discussed below the difference in load pattern has implications on the cost of service.

III. ALLOCATED COST OF SERVICE STUDY

Q. PLEASE DESCRIBE THE PURPOSE OF AN ALLOCATED COST OF SERVICE STUDY ("COSS").

A. A COSS allocates a company's overall cost of service to each rate class in a manner that reflects the underlying cost drivers. The COSS sponsored in this testimony was

developed by identifying the relationship between the service requirements for each rate class and the cost drivers for those requirements. This approach is well established in industry literature⁸ and is consistent with past cost of service studies filed by the Company.⁹ Specifically, the cost of service studies sponsored in this testimony were generally based on the methodology filed in Case No. GR-2009-0355.

6 Q. PLEASE DESCRIBE THE APPROACH USED TO DEVELOP THE COSS.

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A. The approach used to develop the COSS in this testimony consisted of three steps: (1)

functionalization, or cost assignment into functional categories, largely related to

production, transmission and distribution; (2) classification, or cost assignment according

to whether costs are related to serving peak demands, customer service requirements, or

energy demands; and (3) allocation, or cost assignment to rate classes consistent with the

functionalization and classification steps described above.

Q. HOW DOES THE FUNCTIONALIZATION STEP OF THIS PROCESS WORK?

A. The functionalization process involves separating rate base and expense items into operational components that include production, storage, transmission and distribution.

Gas costs, which include production, pipeline and storage charges and related costs, as well as commodity costs, are generally recovered through the Companies' PGA and therefore not a component of the cost of service study. ¹⁰

Q. HOW DOES THE CLASSIFICATION STEP OF THE PROCESS WORK?

A. The classification process involves separating rate base and expense items into classifications that relate to cost drivers. Distribution-related costs are generally

⁸ See Principles of Public Utility Rates by James C. Bonbright

⁹ Case No. GR-2009-0355, In the Matter of Missouri Gas Energy and Its Tariff Filing to Implement a General Rate Increase for Natural Gas Service

¹⁰ Certain LAC production and storage and facility costs are recovered in LAC's base rates.

classified as demand-related or customer-related. Demand-related costs are driven by the requirement to serve customer peak demands, while customer-related costs are driven by the requirement to connect and provide customer-related services, such as metering and billing services.

5 Q. WHAT HAPPENS IN THE ALLOCATION STEP OF THE PROCESS?

6 A. The final allocation involves assigning rate base and expense items to individual rate classes based on cost drivers to provide service to those customer classes.

Q. WHAT TOOLS DID YOU USE TO PERFOM THE COSS?

The COSS for the two operating units were developed utilizing a model developed by ScottMadden for this rate case proceeding. Each rate base and expense item in the COSS was assigned to each rate class based on the three-step process described above. The rate classes used in the cost of service studies are shown in Figure 7:

Figure 7: LAC and MGE Customer Classes

Laclede Gas Company	Missouri Gas Energy
Residential (RS)	Residential (RS)
Small General Service (SGS)	Small General Service (SGS)
Large General Service (LGS)	Large General Service (LGS)
Large Volume Service (LV)	Large Volume Service (LV)
Vehicular Fuel (VF)	
Interruptible (IN)	
Transportation (TR)	

As previously noted, the Street Lighting and Propane rate classes were not evaluated as part of this study given their unique characteristics and minimal impact on the overall

cost of service. The revenues generated by the classes were credited to the cost of service based on current margins.

Q. PLEASE DESCRIBE THE OVERALL RESULTS OF LAC'S COST OF SERVICE STUDY.

5 A. The results of the COSS for LAC are shown in Figure 8 and Schedule TSL-D3. Figure 8
6 shows the calculated Rate of Return ("ROR") for each customer class as compared to the
7 overall or system ROR based on current rates.

Figure 8: LAC Class ROR vs. Overall ROR at Current Delivery Service Rates

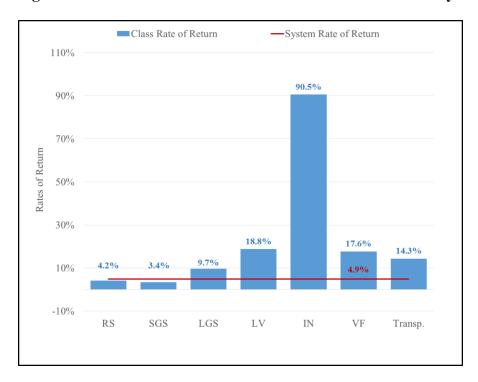


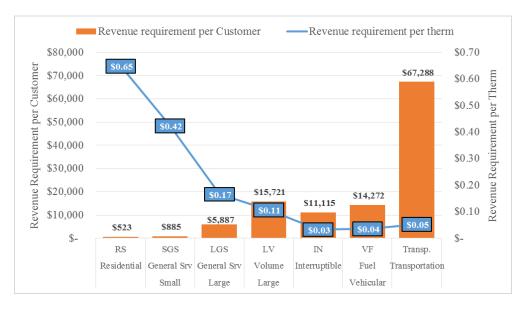
Figure 8 shows that the Residential, and Small General Service customer classes earn a ROR lower than LAC's system ROR. Specifically, the Residential and Small General Service classes earn a ROR of 4.2 percent and 3.4 percent, respectively, all of which are below the system ROR of 4.9 percent. The Large General Service, Large Volume, Interruptible, Vehicular Fuel, and Transportation rate classes earn a ROR of 9.7 percent,

- 1 18.8 percent, 90.5 percent, 17.6 percent, and 14.3 percent, respectively, all of which are 2 above the system ROR of 4.9 percent.
- It is important to note that the COSS produces a significantly higher rate of return for customers in the Interruptible rate class, which is attributable to significantly less demand-related costs allocated to the Interruptible rate class because of LAC's ability to interrupt these customers on the design day. Since LAC is not obligated to meet the design day needs of Interruptible customers, demand-related costs are not allocated to this rate class.

9 Q. WHAT DOES IT MEAN WHEN A CLASS IS EARNING A HIGHER OR LOWER 10 ROR THAN THE SYSTEM ROR?

- 11 A. If the ROR earned by the rate class is lower than the system ROR it means that the class
 12 at existing rates is not recovering its fully allocated share of the utility's cost of service.
 13 Conversely, if a rate class is earning a higher ROR than the system ROR, it means that
 14 the class, at existing rates, is recovering more than its fully allocated share of such costs.
 15 As discussed below, the results of the COSS were used as a guide to establish revenue
 16 targets that move LAC's rates in aggregate closer to equalized rates of return and help to
 17 improve equity across customer classes.
- 18 Q. IS THERE VARIATION IN THE COST OF SERVICE ACROSS LAC'S RATE
 19 CLASSES?
- 20 A. Yes, there is significant variation in the cost of service across LAC's rate classes. Figure 21 9 shows variation in unit revenue requirements on a per customer and per therm basis.





The revenue requirement for the Residential rate class is \$523 per customer, while the revenue requirement for the Transportation class is \$67,288 per customer. In comparison, the revenue requirement per natural gas usage for the Residential class is \$0.65 per therm, while the revenue requirement per natural gas usage for the Transportation class is \$0.05 per therm.

8 Q. PLEASE DESCRIBE THE OVERALL RESULTS OF MGE'S COST OF 9 SERVICE STUDY.

10 A. The results of MGE's COSS are shown in Figure 10 and in Schedule TSL-D3. Figure 10 shows the calculated ROR for each customer class as compared to the overall or system ROR based on current rates.

Figure 10: MGE Class ROR vs. Overall ROR at Current Delivery Service Rates

A.

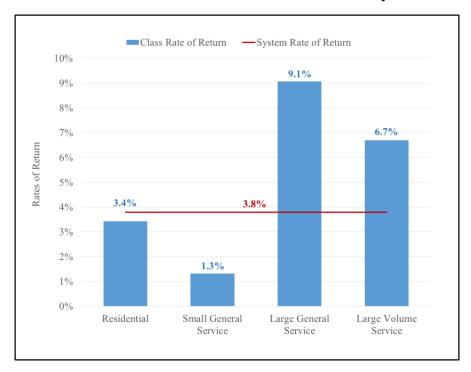
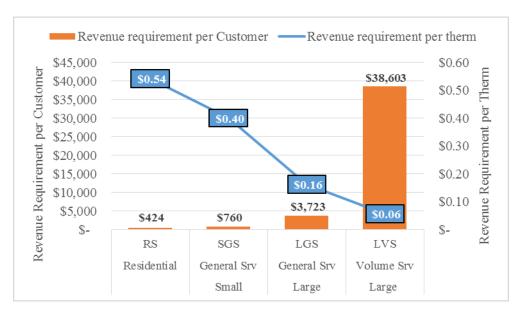


Figure 10 shows that the LGS and LVS rate classes earn a ROR higher than MGE's system ROR. Specifically, the LGS and LVS rate classes earn a ROR of 9.1 percent and 6.7 percent, respectively, all of which are above the system ROR of 3.8 percent. The Residential and SGS rate classes earn a ROR of 3.4 percent and 1.3 percent, respectively, all of which are below the system ROR of 3.8 percent. The results of the COSS were used as a guide to establish revenue targets that move MGE's rates in aggregate closer to equalized rates of return and help to improve equity across customer classes.

Q. DO MGE'S COSS RESULTS VARY ACROSS RATE CLASSES?

Yes, there is variation in the cost of service across MGE's rate classes. Figure 11 shows the variation in unit revenue requirements on a per customer and per therm basis. The Figure shows variation in unit revenue requirements on a per customer and per therm basis.

Figure 11: MGE Revenue Requirement by Rate Class



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Figure 11 shows the revenue requirement for the Residential class is \$424 per customer, while the revenue requirement for the LVS class is \$38,603 per customer. In comparison, the revenue requirement per therm of natural gas usage for the Residential class is \$0.54 per therm, while the revenue requirement per therm natural gas usage for the LVS class is \$0.06 per therm.

Q. PLEASE DESCRIBE THE DATA USED TO PREPARE THE COSS.

The COSS is based on financial data from the Test Year. The analysis also includes the number of customers, sales and revenues by rate class from the same period. Sales and revenues have been adjusted to reflect the impact of normal weather. It also includes rate base items, including intangible plant, production, underground storage, transmission, distribution and general plant-in-service as well as (a) additions to plant-in-service, including materials and supplies, gas storage, prepaid expenses, cash working capital, and other regulatory assets, and (b) reductions to plant-in-service, including other regulatory liabilities, accumulated deferred income taxes, customer deposits, and customer

1	advances. Finally, the financial data includes expense items, including production,
2	storage, distribution, customer service, customer account, sales, and administrative and
3	general expenses as well as taxes other than income, such as payroll and property taxes,
4	and income taxes.

5 Q. PLEASE DESCRIBE IN GREATER DETAIL THE FUNCTIONALIZATION 6 PROCESS IN DEVELOPING THE COST OF SERVICE STUDY.

7 A. The cost of service is functionalized into one of the following categories:

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- Production costs associated with the gas supply, interstate pipeline transportation capacity, and upstream storage facilities;
- Storage costs associated with on-system storage facilities;
- Transmission costs associated with high pressure facilities that deliver gas to distribution facilities;
- Distribution costs associated with delivering natural gas to customers, including distribution main facilities and services, meters and regulators.
- Production costs are generally recovered through the PGA while the transmission and distribution costs are recovered through the base rates.

17 Q. PLEASE DESCRIBE IN GREATER DETAIL THE CLASSIFICATION PROCESS 18 IN DEVELOPING THE COST OF SERVICE STUDY.

- 19 A. The cost of service is classified into one of the following categories:
 - Customer-related costs associated with providing customer access to the natural
 gas system as well as providing on-going customer services, including meter
 reading and billing services.

•	Demand-related	-	costs	associated	with	meeting	customer	peak	demand
	requirements								

 Commodity-related – costs associated with the quantity of gas purchased or transported

In some cases, costs were classified into only one of the three categories. The cost of meter reading, for example, was classified as customer related. In other cases, costs were classified into more than one category. The cost of distribution mains, for example, was classified as both customer- and demand-related.

Q. PLEASE EXPLAIN THE CLASSIFICATION OF DISTRIBUTION MAINS.

A.

Distribution mains typically represents the largest plant investment for a gas utility. For LAC and MGE, distribution mains comprise 43 percent and 46 percent of utility plant investment, respectively. The classification of distribution mains reflects two cost drivers. The first driver is the number of customers. Distribution mains are designed to provide customer access to the natural gas system. The second driver is peak or design day demand. Distribution mains are designed to meet customer demands on the design day.¹¹

The classification of distribution mains between customer- and demand-related was determined through a zero-inch or zero-intercept analysis. It is one of the methods recognized by NARUC in classifying distribution main costs. ¹² NARUC states,

"One argument for inclusion of distribution related items in the customer cost classification is the 'zero or minimize size main theory.' This theory assumes that there is a zero or minimum size main necessary to connect the customer to the system and thus affords the customer an opportunity to take service as he so desires...The zero-inch main method would allocate the cost of a

¹¹ Design day demand is the highest estimated gas demand for a 24-hour period, and is used as a basis for designing the capacity of the transmission and distribution system.

¹² National Association of Regulatory Utility Commissioners ("NARUC"), Staff Subcommittee on Gas "Gas Distribution Rate Design Manual" June 1989. Pg. 22-23.

1 2		theoretical main of zero-inch diameter to the customer function, and allocate the remaining costs associated with mains to
3		demand" ¹³
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5		The zero-intercept method as applied to the electric system is described in the NARUC
6		electric manual. 14
7		"The minimum-intercept method seeks to identify that portion of plant
8 9		related to a hypothetical no-load or zero-intercept situationThe technique is related to installed cost to current carrying capacity or
10		demand rating, creating a curve for various sizes of the equipment
11		involved, using regression techniques, and extend the curve to a no-load
12		intercept. The cost related to the zero-intercept is the customer
13		component."15
14		
15		The classification of distribution mains was based on a regression analysis that measures
16		the relationship between the cost per foot of mains in the system and the size of the
17		mains. The analysis was based on historical cost data of various sizes and compositions
18		of distribution mains, adjusted to current costs utilizing the Handy-Whitman Index of
19		Public Utility Construction Costs ("Handy-Whitman").
20	Q.	HOW WAS THE ESTIMATED COST OF A ZERO-INCH MAIN DETERMINED?
21	A.	The estimated cost of a zero-inch main was determined by using a zero value for the size
22		variable in the regression equation. Multiplying the estimated cost of a zero-inch main by
23		the actual number of feet in the system yields the theoretical cost of a system comprised
24		of zero-inch mains. The customer-related portion of distribution mains was calculated as
25		the ratio of the cost of a zero-inch mains system to the total cost of the mains system.

¹³ NARUC Gas Distribution Rate Design Manual. Pg. 22-23¹⁴ NARUC Electric Utility Cost Allocation Manual. Pg. 92.

Q.

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PLEASE DISCUSS THE RESULTS OF THE ZERO-INCH ANALYSES.

¹⁵ Id. Pg. 92.

A. The results of the zero-inch analysis show that the customer-related portion of the mains investment is 37.94 percent and 35.42 percent, respectively, for LAC and MGE as shown on Schedule TSL-D7. Therefore, the demand-related portion of the mains investment is 62.06 percent and 64.58 percent, respectively, for LAC and MGE.

5 Q. PLEASE DISCUSS THE CLASSIFICATION OF OTHER RATE BASE ITEMS.

A. Other rate base items were similarly classified based on their underlying cost drivers. For example, meter cost, meter installation, service cost, and house regulator investments were classified as customer-related since they provide customer access to the natural gas system. Rate base items not directly associated with one of the classification categories, such as general plant, were classified based on the related costs through a composite classifier. Schedule TSL-4 provides a full description of rate base classifications.

12 Q. PLEASE DISCUSS THE CLASSIFICATION OF OPERATIONS AND 13 MAINTENANCE EXPENSES.

A. Operations and maintenance expenses were classified in a manner similar to their respective plant items, as shown in Figure 12. For example, Maintenance of Services (Account 892) was allocated based on the allocation of Service (Account 380).

Figure 12: O&M Expenses and Corresponding Rate Base Items

Acct.	Description	Corresponding Plant Accounts
874	Mains & Services Expenses	Mains (376) and Services (380) combined
875	Distribution Reg. Station Expense	Measuring & Reg. Station Exp General (378)
877	Measuring & Reg. Station Exp City Gate	Measuring & Reg. Station Exp City Gate (379)
878	Meter & House Regulator Exp.	Meters (381) and Regulators (383 and 385) combined
887	Maintenance of Mains	Distribution Mains (376)

889	Main. of Measuring & Reg. Station Exp General	Measuring & Reg. Station Exp General (378)
891	Main. of Measuring & Reg. Station Exp City Gate	Measuring & Reg. Station Exp City Gate (379)
892	Maintenance of Services	Services (380)
893	Mains of Meters & House Regulators	Meters (381) and House Regulators (383) combined

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O&M expense items not directly associated with one of the classification categories, such as administrative and general expenses, were classified based on related costs through a composite classifier. Schedule TSL-D4 provides a full description of O&M expense classifications.

Q. PLEASE DESCRIBE IN GREATER DETAIL THE ALLOCATION PROCESS USED IN DEVELOPING THE COST OF SERVICE STUDY.

Costs were allocated to each rate class based on each class's responsibility for the costs that are incurred to serve that class. In short, cost allocation follows cost causation. This approach is well established in industry literature and is consistent with past cost of service studies approved by the Commission.¹⁶ The approach requires development of cost allocators that reflect the design of the natural gas system.

Q. WHAT ALLOCATORS WERE USED IN YOUR COSS?

- 14 A. The COSS sponsored in this testimony was developed based on three types of allocators
 - Class determinants class characteristics, such as number of customers, consumption and revenues by rate class;
 - Special studies detailed analysis of specific plant or expense items, such as meters and uncollectible expenses; and

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¹⁶ *Re: MGE*, Case No. GR-2009-0355

3. Internal – composite of how other costs are allocated, such as general plant.

Schedule TSL-D4 contains a description of each allocator used in the COSS, including what costs are allocated, how each allocator was derived, and the rationale for utilizing the allocator. For example, the 'customers' allocator is used to allocate meter reading expenses based on the number of customers in each rate class. The rationale is that meter reading expenses are driven by the number of customer meters that are read monthly.

Q. PLEASE DESCRIBE THE PROCESS TO DEVELOP THE DEMAND ALLOCATOR.

The demand allocator is based on the Coincident Demand or Peak Responsibility method. It is one of the methods recognized by NARUC in allocating demand costs.¹⁷ The allocator reflects each rate classes' responsibility to the peak day demands of the system. This approach to developing the demand allocator is consistent with the approach followed in Case No. GR-2009-0355, MGE's recent rate case proceeding.

The derivation of the allocator is included in Schedule TSL-D8 and consists of four steps. First, heat use per degree day per customer was derived based on the results of a regression analysis for each rate class of heat use per degree day per customer as a function of billing heating degree days. The regression analysis produced a strong R-squared, which measures how much variation in a dependent variable (in this case heat use per customer) can be explained by an independent variable (in this case heating degree days). Data for the heat use per customer variable was calculated as the difference between actual use per customer and base use per customer, where base use per customer was the lowest average use of two consecutive months during July through September.

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¹⁷ NARUC Gas Distribution Rate Design Manual. Pg. 27

The second involved applying heat use per degree per customer to the design day degree days of 73 and 78 for LAC and MGE, respectively, to derive design day heating use per customer. For the third step, the design day heating use per customer derived in the previous step is added to base use per customer to calculate total design day use per customer. The final step was to multiply the number of customers for each class in the month of the design day by the design day use per customer for each class to calculate total design day use by class. The results are shown on Schedule TSL-D8.

8 Q. PLEASE DESCRIBE THE PROCESS USED TO DEVELOP THE SPECIAL 9 STUDY ALLOCATORS.

A.

- There were five special studies developed to allocate meter investments, meter installations, service investments, regulators, and industrial customer investments. In aggregate, these investments account for 46 percent and 36 percent of total utility plant for LAC and MGE, respectively.
 - Meter investment was allocated based on estimated current or replacement cost of meters by customer in each rate class weighted by the estimated number of customers. Current costs were used since historic records of such costs are not maintained by individual meter, customer or rate class. The calculation recognizes there are certain types of meter costs specific to each rate class and establishes a weighting based on current records.
 - Meter installation was allocated based on the estimated current or replacement cost of meter installations by customer in each rate class weighted by the estimated number of customers. Current costs were used for the same reason previously noted. The calculation recognizes there are certain types of meter

installation costs specific to each rate class and establishes a weighting based on current records.

A.

- Service investment was allocated based on the estimated current or replacement
 cost of service installations by customer in each rate class weighted by the
 estimated number of customers. Current costs were used for the same reason
 previously noted. The calculation recognizes there are certain types of service
 installation costs specific to each rate class and establishes a weighting based on
 current records.
- Regulators were allocated based on the estimated current or replacement cost of regulators by customer in each rate class weighted by the estimated number of customers. Current costs were used for the same reason previously noted. The calculation recognizes there are certain types of regulator costs specific to each rate class and establishes a weighting based on current records.
- <u>Industrial customer investment</u> was allocated based on the investment in services, meters and regulators to serve the largest customers on the system.
- The derivation of the meter, meter installation, service investment and regulator allocator is shown in Schedule TSL-D9.

Q. PLEASE DESCRIBE THE PROCESS USED TO DEVELOP THE COMPOSITE ALLOCATORS.

There are several composite allocators developed internally based on the allocation of various plant investments and expenses. These are used to allocate cost items that cannot be readily categorized as either customer-, demand-, or commodity-related. For example, general plant is classified and allocated based on the composite allocation of all

production, transmission, storage, and distribution plant. This approach is well established in industry literature¹⁸ and is consistent with the COSS methodology filed in Case No. GR-2009-0355.

4 Q. PLEASE DESCRIBE THE PROCESS USED TO ALLOCATE RATE BASE 5 ITEMS TO THE CUSTOMER CLASSES.

A.

The process used to allocate rate base to customer classes is included in Schedules TSL-D5 and TSL-D6 and consists of the following four steps. First, gross plant investment by individual FERC account is allocated to each rate class based on an allocator that most closely reflects the underlying cost driver. Second, accumulated depreciation by individual FERC account is allocated to each rate class based on the same allocator as the gross plant investment for that account. Third, net plant investment by individual FERC account is calculated as the difference between gross plant investment and accumulated depreciation by individual FERC account. Lastly, additions and deletions to net plant investment are allocated to each rate class on the basis of an allocator that most closely reflects the underlying cost driver to form rate base. Total rate base is shown on Schedules TSL-D5 and TSL-D6.

In general, gross plant investment that is designed to meet the demands of the Company's customers was allocated to each rate class based on the demand allocator. Gross plant investment that is designed to connect customers to the system and meet their service requirements was allocated to each rate class based on various allocators that are related to numbers of customers.

Q. PLEASE DESCRIBE THE ALLOCATION OF O&M EXPENSES TO THE CUSTOMER CLASSES.

¹⁸ NARUC Gas Distribution Rate Design Manual. Pg. 26

A. The process used to allocate O&M expenses to customer classes is included in Schedules

TSL-D5 and TSL-D6. As discussed earlier, special studies were conducted to develop

allocators that are based on actual assignment of data to customer classes.

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- Customer Accounts and Collections Expense (Account 903) is separated into customer service- and collections-related expenses. The customer service-related expenses were allocated based on the number of customer bills, while collectionsrelated expenses were allocated based on the uncollectible expense allocator described below.
- Uncollectible Expense (Account 904) is based on a direct assignment of net writeoffs by class.
- Demonstrating and Selling (Account 912) expense is based on a direct assignment of actual expenses by class.
- Interest on Customer Deposits is based on a direct assignment of actual deposits to the residential and C&I classes.

IV. OVERVIEW OF RATE DESIGN

Q. PLEASE DESCRIBE THE PRINCIPLES USED TO GUIDE THE PROPOSED RATE DESIGN.

A. The proposed rate design was guided by several principles common throughout the industry, including: (a) rates should recover the overall cost of providing service; (b) rates should be fair, minimizing inter- and intra-class inequities, to the extent possible; and (c) rate changes should be tempered by rate continuity concerns. ¹⁹ In addition, the proposed rate design was guided by several Company-specific objectives, including: (a) movement

¹⁹ See Bonbright, James, Danielsen, Albert, and Kamerschen, David. "Principles of Public Utility Rates." Public Utilities Reports, Inc. pp. 377-407 (2nd Ed. 1988).

- to a more simplified rate design; (b) alignment with the proposed RSM; and (b) increased
- 2 consistency in rate design between LAC and MGE.
- Because these principles can conflict, the rate design process also includes a level of
- 4 judgment to balance these principles.

5 Q. HOW WERE THESE PRINCIPLES APPLIED IN THIS PROCEEDING?

- First, rates were designed to recover the overall cost of service. This was done by 6 A. developing customer and consumption charges based on test year bills and usage. In 7 addition, rates were designed to be fair and equitable. This was done by setting revenue 8 9 targets at a level in aggregate closer to the system ROR. As discussed earlier, the results of the COSS show that some rate classes earn less than the overall ROR. The proposed 10 rate design reduces that deficiency. Another rate design objective is to maintain pricing 11 stability by minimizing the impact of changes in rates on customers. This objective was 12 considered during both the setting of revenue targets, and again in reviewing the impact 13 of proposed rates on customers' bills at various usage levels within customer classes. 14
- 15 Q. PLEASE DESCRIBE HOW THE PROPOSED RATE DESIGN ALIGNS WITH
 16 THE COMPANY'S RSM PROPOSAL?
- 17 A. The proposed rate design aligns with the RSM proposal through a meaningful reduction
 18 in Residential and SGS customer charges, as well as elimination of LAC's complicated
 19 block break structure for both base rates and PGA.
- Q. PLEASE DESCRIBE HOW THE PROPOSED RATE DESIGN INCREASES
 CONSISTENCY BETWEEN LAC AND MGE RATE STRUCTURES.
- A. The proposed rate design increases consistency between LAC and MGE's rate structures in the following ways:

- Similarity in residential customer charges;
- Similarity in residential consumption charges (\$ per therm for all customer
 usage);
- Consistent treatment of landlords; and
- Similarity in General Service classifications.
- In addition, the Company proposes to assess MGE consumption on a "per therm" basis rather than the current "per ccf" basis, as discussed by Laclede witness Weitzel.

8 Q. PLEASE SUMMARIZE THE STEPS TAKEN TO DERIVE THE PROPOSED 9 RATES.

10 A. The first step to derive the proposed rates was to establish the overall revenue 11 requirement to be recovered from base rates. The next step was to set revenue targets for 12 each rate class based on the results of the COSS, as shown on Schedule TSL-D10. Rates 13 within each customer class were then designed to recover the revenue requirements based 14 on test year customer and usage data.

15 Q. WHAT IS THE TOTAL REVENUE REQUIREMENT THAT YOU USED AS A 16 STARTING POINT?

17 A. To determine the total revenue requirement for each operating unit, I relied on
18 information from the overall cost of service presented in the testimony and accounting
19 schedules of Laclede witness Noack. As shown on Schedule TSL-D5, LAC's total
20 revenue requirement was then reduced by revenues related to the Street Lighting and
21 Propane customer classes and other revenues to calculate revenue requirements. Schedule
22 TSL-D6 shows MGE's total revenue requirement was reduced by the revenues related to

- Street Lighting customer class and other revenues to calculate revenue requirements for the MGE rate classes.
- Q. PLEASE DESCRIBE THE PROCESS USED TO SET THE REVENUE
 REQUIREMENT TARGETS FOR EACH RATE CLASS.
- A. Since each rate class presently earns a ROR that is different than the overall system ROR (as shown in Figure 8 and Figure 10), the starting point for setting the revenue targets for each rate class was based on their revenues at equalized rates of return.

8 Q. IN GENERAL, HOW DID YOU DETERMINE THE APPROPRIATE RATE 9 DESIGN WITHIN EACH RATE CLASS?

A.

The proposed rates were designed to recover 100 percent of the proposed revenue requirement. Specifically, rates were designed by first reviewing the customer charge to evaluate what level of fixed cost is reasonable to be recovered through customer charges consistent with rate design objectives identified above. This step included evaluating the existing customer and ISRS charges, as well as the results of the COSS. As discussed earlier, the customer charges were designed to be meaningfully lower in alignment with the Company's RSM proposal. The charges were also designed to increase consistency between LAC's and MGE's Residential and SGS rate classes, respectively.

Once customer charge levels were established, the remaining revenue requirement for

each class was recovered via the consumption charges, as shown in Schedules TSL-D11 for LAC and TSL-D12 for MGE. As discussed earlier, the objective in setting customer charges for LAC's Residential, SGS, and LGS rate classes was to increase consistency with MGE's corresponding rate classes. The process to set consumption charges was iterative and balanced several rate design considerations, including revenue recovery,

fairness, bill continuity, and to increase the consistency between LAC and MGE. The proposed RSM enabled the Company to by and large eliminate the current blocked rate structure, including the PGA structure at LAC. The rate design for each rate class of LAC and MGE are discussed in Section VI and Section VII.

V. <u>LAC RATE DESIGN AND BILL IMPACT ANALYSES</u>

6 Q. PLEASE DESCRIBE THE PROCESS USED TO SET THE REVENUE
7 REQUIREMENT TARGETS FOR EACH RATE CLASS.

- 8 A. First, the process began with those LAC rate classes that are earning below their equalized rates of return; i.e., the Residential and SGS rate classes:
 - The Residential class presently generates revenues equal to only 81 percent of what is needed to achieve the system rate of return. Based on this deficiency, the revenue target for the Residential class was set based on approximately 40 percent movement toward revenues needed to achieve the system rate of return.
 - The SGS class presently generates revenues equal to only 78 percent of what is needed to achieve the system rate of return. Based on this deficiency, the revenue target for the SGS class was set based on a 40 percent movement toward revenues needed to achieve the system rate of return.
 - The revenue targets for the other rate classes were based on the revenues needed to achieve the system rate of return, adjusted for the revenue shortfall from the Residential and SGS rate classes as discussed above. The revenue shortfall was allocated to the other rate classes in a manner to produce no revenue increase over the current revenues, inclusive of ISRS revenues.

The Interruptible class generates a rate of return of approximately 90 percent, well above the system average and all other rate classes. The reason for their high rate of return is that the COSS allocates significantly less demand related costs to this rate class than other rate classes because LAC has the ability to curtail Interruptible customers on the design day, thus system planners do not need to take the customer demands of this class into account when constructing new mains. At the same time, there is recognition that existing facilities are utilized by Interruptible customers. These considerations, together with the rate design principle of gradualism, lead LAC to conclude that the proposed revenue targets should reflect the current revenues, inclusive of ISRS revenues.

10 . IN GENERAL, HOW DID YOU DETERMINE THE APPROPRIATE RATE 11 DESIGN WITHIN EACH OF LAC'S RATE CLASSES?

A. Rates were designed by first examining the customer charge for a given customer class to determine what level of fixed costs may be recovered through customer charges consistent with rate design objectives identified above, including increased consistency between LAC and MGE. This involved evaluating the existing customer charges by rate class, current ISRS charges, and comparing those amounts to the results of the COSS.

LAC proposes to moderate the impact of its customer charges on low-use customers by reducing customer charges. The current customer charges were designed to recover customer-related costs as well as mitigate the impact of weather on customer bills and utility revenues. However, with adoption of the RSM, such customer charge levels are less necessary to mitigate the impact of weather, enabling LAC to adopt a lower customer charge.

Once customer charge levels were set, the remaining revenue requirements for each class were recovered via the consumption charges, as shown in Schedule TSL-D11. The Company proposes to simplify LAC's consumption charges by eliminating the current seasonal and block break structures. The current block rate consumption charges were designed to mitigate the impact of weather on customer bills and utility revenues. However, with adoption of the RSM such complex rate design is less necessary enabling the Company to adopt a more simplified rate design.

A.

The rate design process was an iterative process that balanced several rate design considerations, including revenue recovery, fairness, and bill continuity.

10 Q. WERE THERE ANY TIMING CONSIDERATIONS RELATED TO THE 11 PROPOSED RESIDENTIAL RATE DESIGN CHANGES?

Yes. The proposed Residential rate design changes effectively shift cost recovery from customer-related charges to consumption-related charges. The Company is concerned that such shift could result in an under-recovery of costs within the fiscal year of the shift. Revenues from customer-related charges are evenly distributed throughout the year; whereas, revenues from consumption-related charges are proportionately higher in the winter months and lower in the summer months. The shift from customer-related revenues to consumption-related revenues hinders LAC's ability to recover its cost of service within the fiscal year of the shift since the proposed rate design changes will occur during the summer months. To address this under-recovery of costs, LAC proposes to implement the Residential customer charge decrease in October 2018. In effect, LAC is proposing two sets of residential rate designs: (a) a transitional rate design prior to October 2018 that reflects customer charges at the current level plus ISRS

charges; and (b) the new rate design beginning October 2018 that reflects a lower customer charge and correspondingly higher consumption charges. October 2018 also 2 reflects when the RSM would be implemented. 3

4 Q. PLEASE DESCRIBE THE PROPOSED RATE DESIGN FOR EACH RATE CLASS. 5

6 A. The proposed rate design for each rate class is described below.

Residential

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The proposed rates were based on a revenue requirement target of \$308.8 million, annual customer bills of 7,267,620 and annual usage of 488,185,483 therms. LAC proposes to increase the monthly customer charge from \$19.50 to \$23.50 for the transition period ending in September 2018. The proposed customer charge is based on the current customer charge, adjusted for the ISRS charge. Beginning in October 2018, the Company proposes to reduce LAC's Residential customer charge to \$17.00, while correspondingly increasing the consumption charge to recover the remaining class revenue requirement. It is important to note that the proposed reduction in the Residential customer charge is made possible through implementation of the RSM. Absent the RSM or a similar mechanism that mitigates the impact of weather on customer bills and utility revenues, the Company would not propose to reduce Residential customer charges. The revenue requirement not recovered through the customer charge is then recovered through a single volumetric charge of \$0.28286 per therm during the transition period ending in September 2018. The proposed consumption charge has been simplified to be a single charge for all consumption. This approach is consistent with MGE's residential

consumption charge. Beginning in October 2018, the Company proposes to increase LAC's consumption charge to \$0.37962 per therm concurrent with the reduction in LAC's Residential customer charge. The proposed rate design and bill impact analysis are included in Schedule TSL-D11.

Small General Service

The proposed rates were based on a revenue requirement target of \$31.3 million, annual customer bills of 444,484 and annual usage of 77,590,502 therms. As discussed earlier, the proposed SGS class includes customers presently in the C1 rate class and C2 rate class, for those who consume 10,000 therms or less per year. The proposed SGS availability of 10,000 therms or less per year is consistent with MGE's current SGS rate class. The Company proposes a customer charge of \$35.00, representing a change in the current C1 and C2 customer charge of \$25.50 and \$44.29, respectively.

It is important to note that the proposed SGS customer charge reflects implementation of the RSM, which address the impact of weather on customer bills and utility revenues. Absent the RSM or a similar mechanism that mitigates the impact of weather on customer bills and utility revenues, the Company would propose higher SGS customer charges.

The revenue requirement not recovered through the customer charge is then recovered through a single consumption charge of \$0.20318 per therm. The proposed consumption charge has been simplified to be a single charge for all consumption. This approach is consistent with MGE's SGS consumption charge. The proposed rate design and bill impact analysis are included in Schedule TSL-D11.

Large General Service

The proposed rates were based on a revenue requirement target of \$24.9 million, annual customer bills of 44,644 and annual usage of 132,304,153 therms. As discussed earlier, the proposed LGS class includes customers presently in the C3 rate class and C2 rate class, for those who consume more than 10,000 therms per year. The proposed LGS availability of more than 10,000 therms per year is generally consistent with MGE's current LGS rate class. The Company proposes a customer charge of 125.00 per month, representing a change in the current C2 and C3 customer charges of \$44.29 and \$88.57, respectively. The revenue requirement not recovered through the customer charge is then recovered through a single consumption charge of \$0.14625 per therm. The proposed consumption charge has been simplified to be a single charge for all consumption. The proposed rate design and bill impact analysis are included in Schedule TSL-D11.

Large Volume Service

The proposed rates were based on a revenue requirement target of \$1.9 million, annual customer bills of 818 and annual usage of 10,059,571 therms. The Company proposes to increase the monthly customer charge from \$874.78 to \$1,000.00 for the LV class to recover a larger portion of the revenue requirements through fixed charges. The revenue requirement not recovered through the customer charge is then recovered through a single volumetric charge of \$0.02641 per therm. The proposed consumption charge has been simplified to be a single charge for all consumption. The proposed demand charge is \$1.00635 per therm. The consumption and demand charges were designed to recover the same percentage of the non-customer charge revenues as the current rates. The proposed rate design and bill impact analysis are included in Schedule TSL-D11.

<u>Interruptible Service</u>

The proposed rates were based on a revenue requirement target of \$0.9 million, annual customer bills of 249 and annual usage of 7,107,794 therms. The Company proposes to increase the monthly customer charge from \$776.36 to \$935.00 to recover a larger portion of the revenue requirements through fixed charges. The revenue requirement not recovered through the customer charge is then recovered through a single volumetric charge of \$0.1042 per therm. The proposed consumption charge has been simplified to be a single charge for all consumption. The proposed rate design and bill impact analysis are included in Schedule TSL-D11.

Vehicular Fuel

The proposed rates were based on a revenue requirement target of \$0.2 million, annual customer bills of 95 and annual usage of 3,193,198 therms. LAC proposes to increase the monthly customer charge from \$22.09 to \$50.00 to recover a larger portion of the revenue requirements through fixed charges. The revenue requirement not recovered through the customer charge is then recovered through a volumetric charge of \$0.05295 per therm. The proposed rate design and bill impact analysis are included in Schedule TSL-D11.

Transportation

The proposed rates were based on a revenue requirement target of \$14.1 million, annual customer bills of 1,700 and annual usage of 183,302,053 therms. LAC proposes to increase the monthly customer charge from \$2,069.94 to \$2,500.00 to recover a larger portion of the revenue requirements. The revenue requirement not recovered through the customer charge is then recovered through volumetric charges of \$0.02533 per therm for the first 100,000 therms usage and \$0.01060 per therm for all additional usage. The

volumetric charges were designed to recover the same percentage of first block/ second block revenues as the current rates. The proposed reservation charge for Transportation customers is \$0.60575 per therm. The proposed rate design and bill impact analysis are included in Schedule TSL-D11.

5 Q. HAVE YOU EXAMINED THE IMPACT OF YOUR PROPOSED CHANGE IN 6 RATES ON CUSTOMERS WITHIN EACH RATE CLASS?

A. Yes. As shown in Schedule TSL-D11, the Company evaluated the bill impacts of the 7 proposed changes on customers based on a range of annual usage within each rate class. 8 9 The range of annual usage represents a distribution across the rate classes. The proposed annual bill is based on the proposed base rates. The current annual bill is based on the 10 current base rates plus the current ISRS rates. The bill impact analysis was calculated 11 using two approaches: (a) without a PGA charge, to evaluate only the change in the 12 delivery portion of the customer bill; and (b) with a PGA charge, to evaluate the change 13 in the total customer bill. 14

Q. DOES THE COMPANY HAVE ANY CONCERNS RELATED TO THE PROPOSED LAC RATE DESIGN?

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A.

Yes. The Company's concern is related to the impact on weather. As discussed earlier, the proposed rate design assumes adoption of the RSM, which addresses the Company's concerns related to the impact of weather on customer bills and utility revenues. To the extent that the RSM is not adopted, then the Company would need to revise the proposed rate design in a manner that mitigates the impact of weather on customer bills and utility revenues, consistent with the current rate design. Such revision would include higher customer charges and continuation of the seasonal and blocked rate structure.

VI. MGE RATE DESIGN AND BILL IMPACT ANALYSES

2 Q. PLEASE DESCRIBE THE PROCESS USED TO SET THE REVENUE
3 REQUIREMENT TARGETS FOR EACH RATE CLASS.

- 4 A. First, MGE began with those rate classes that are earning below their equalized rates of return; i.e., the Residential and SGS rate classes.
 - The Residential class presently generates revenues equal to 78 percent of what is needed
 to achieve the system rate of return. Based on this deficiency, the revenue target for the
 Residential class was set based on the revenues needed to achieve the system rate of
 return.
 - The SGS class presently generates revenues equal to only 67 percent of what is needed to achieve the system rate of return. Based on this deficiency, the revenue target for the SGS class was set based on a 50 percent movement toward revenues needed to achieve the system rate of return.
 - The revenue targets for the other rate classes were based on the revenues need to achieve the system rate of return, adjusted for the revenue shortfall from the SGS class as discussed above. The revenue shortfall was allocated to the other rate classes to achieve a uniform increase over the current revenues.
- 18 Q. IN GENERAL, HOW DID YOU DETERMINE THE APPROPRIATE RATE
 19 DESIGN WITHIN EACH OF MGE'S RATE CLASSES?
- A. Consistent with the approach taken to design LAC's rates, MGE's rates were designed by
 first examining the customer charge for a given customer class to determine what level of
 fixed costs may be recovered through customer charges consistent with rate design
 objectives identified above, including increased consistency between LAC and MGE.

- This involved evaluating the existing customer charges by rate class, current ISRS charges, and comparing those amounts to the results of the COSS.
- The Company proposes to moderate the impact of its customer charges on low-use customers by reducing customer charges. The current customer charges were designed recover customer-related costs as well as mitigate the impact of weather on customer bills and utility revenues. However, with adoption of the RSM, such customer charges are less necessary enabling the Company to adopt lower customer charges.
- Once customer charge levels were set, the remaining revenue requirements for each class were recovered via the consumption charges, as shown in Schedule TSL-D12.

10 Q. WERE THERE ANY TIMING CONCERNS RELATED TO THE PROPOSED 11 RESIDENTIAL RATE DESIGN CHANGES?

- Yes. As discussed earlier, the proposed residential rate design effectively shifts cost recovery from customer-related charges to consumption-related charges. The Company's proposed solution is to implement two sets of residential rate designs: (a) a transitional rate design prior to October 2018 that reflects customer charges at the current level plus ISRS charges; and (b) a new rate design beginning October 2018 that reflects lower customer charges. October 2018 also reflects when the RSM would be implemented.

 Once customer charge levels were set, the remaining revenue requirements for each class
- were recovered via the consumption charges, as shown in Schedule TSL-D12. The rate design process was an iterative process that balanced several rate design considerations, including revenue recovery, fairness, and bill continuity. Below is a description of the rate design for each rate class.

Residential

A.

The proposed rates were based on a revenue requirement target of \$198.6 million, annual customer bills of 5,621,516 and annual usage of 366,148,361therms. The Company proposes to increase the monthly customer charge from \$23.00 to \$25.50 for the transition period ending in September 2018. The proposed customer charge is based on the current customer charge, adjusted for the current ISRS charge. Beginning in October 2018, the Company proposes to reduce MGE's residential customer charge to \$20.00, while correspondingly adjusting the consumption charge to recover the Residential class revenue requirement. It is important to note that the proposed reduction in the residential customer charge is made possible through implementation of the RSM, which addresses the impact of weather on customer bills and utility revenues. Absent the RSM or a similar mechanism that mitigates the impact of weather on customer bills and utility revenues, the Company would not propose such reduction in residential customer charges.

The revenue requirement not recovered through the customer charge is then recovered through a single consumption charge of \$0.15055 per therm during the transition period ending in September 2018. Beginning in October 2018, the Company proposed to increase MGE's consumption charge to \$0.23500 per therm concurrent with the reduction in MGE's residential customer charge. The proposed rate design and bill impact analysis are included in Schedule TSL-D12.

Small General Service

The proposed rates were based on a revenue requirement target of \$20.7 million, annual customer bills of 355,642 and annual usage of 56,239,220 therms. The Company

proposes to increase the monthly customer charge from \$34.00 to \$40.00 to recover a

larger portion of the revenue requirements through fixed charges.

It is important to note that the proposed SGS customer charge reflects implementation of

the RSM, which addresses the impact of weather on customer bills and utility revenues.

Absent the RSM or a similar mechanism that mitigates the impact of weather on

customer bills and utility revenues, the Company would propose higher SGS customer

charges.

The revenue requirement not recovered through the customer charge is then recovered through a single consumption charge of \$0.11169 per therm. The proposed rate design

and bill impact analysis are included in Schedule TSL-D12.

Large General Service

The proposed rates were based on a revenue requirement target of \$14.0 million, annual customer bills of 39,157 and annual usage of 74,357,619 therms. MGE proposes to increase the monthly customer charge from \$115.40 to 125.00 to recover a larger portion of the revenue requirements through fixed charges. The revenue requirement not recovered through the customer charge is then recovered through a consumption charge \$0.14819 per therm for peak winter period (November to March), and through a consumption charge of \$0.08541 per therm for off-peak summer period (April to October). The consumption charges were designed to recover the same percentage of consumption revenues in the peak and off-peak periods as the current rates. The proposed rate design and bill impact analysis are included in Schedule TSL-D12.

Large Volume Service

The proposed rates were based on a revenue requirement target of \$15.3 million, annual customer bills of 4,745 and annual usage of 266,738,665 therms. MGE proposes to increase the monthly customer charge from \$904.56 to \$1,275.00 to recover a larger portion of the revenue requirements through fixed charges. The revenue requirement not recovered through the customer charge is then recovered through consumption charges in the peak period of \$0.04485 per therm for the first 30,000 therms usage and \$0.03520 per therm for all additional usage, and in the off-peak period of \$0.02837 per therm for the first 30,000 therms usage and \$0.01872 per therm for all additional usage. The consumption charges were designed to recover the same percentage of revenues in the peak and off-peak periods, and head block and tail block rates, respectively, as the current rates. The proposed rate design and bill impact analysis are included in Schedule TSL-D12.

A.

13 Q. HAVE YOU EXAMINED THE IMPACT OF THE PROPOSED CHANGE IN 14 RATES ON CUSTOMERS WITHIN EACH RATE CLASS?

Yes. As shown in Schedule TSL-D12, the Company evaluated the bill impacts of the proposed changes on customers based on a range of annual usage within each rate class. The range of annual usage represents a distribution across the rate classes. The proposed rates were based on the rate design discussed above. The current annual bill is based on the current base rates plus the current ISRS rates. The bill impact analysis was calculated using two approaches: (a) without a PGA charge, to evaluate the change in the delivery portion of the customer bill; and (b) with a PGA charge, to evaluate the change in the total customer bill.

Q. DOES THE COMPANY HAVE ANY CONCERNS RELATED TO THE PROPOSED MGE RATE DESIGN?

A.

A. Yes. The Company has two concerns. The first concern is related to the impact of weather on customer bills and utility revenues. As discussed earlier, the proposed rate design assumes adoption of the RSM, which addresses the Company's concerns related to the impact of weather on customer bills and utility revenues. To the extent that the RSM is not adopted, then the Company would need to revise the proposed rate design in a manner that mitigates the impact of weather on customer bills and utility revenues, consistent with the current rate design. Such revision would include higher customer charges. The Company believes that the proposed RSM or some form of revenue decoupling is a much better alternative.

Q. WHAT IS THE COMPANY'S SECOND CONCERN RELATED TO MGE'S PROPOSED RATE DESIGN?

The Company is concerned about potential revenue erosion related to the relationship between the current LGS and LV tariffs. Presently, certain customers are eligible for both tariffs and as a result may decide to migrate from one rate class to another depending on which class offers the lowest rates. Such migration could lead to a significant loss in revenues. While such migration is possible today, the Company is concerned that the proposed rate design changes may increase the incentive for customers to migrate in the future. There are several possible solutions to address the potential revenue erosion from such possible migration, including (a) a restriction on the availability of each tariff, (b) modifications to the proposed customer charges, and/or (c) development of a rider to track and recover such revenue erosion. The Company

recognizes the potential customer impacts associated with each of these solutions as well
as other alternatives. Rather than make a specific proposal in this filing, the Company
proposes to establish a process with the parties in this proceeding on approaches that
would best meet customer needs.

5 Q. HOW DOES THE PROPOSED RATE DESIGN ADDRESS THE PROBLEMS 6 THAT ARISE FROM THE CURRENT RATE DESIGN?

- 7 A. The proposed rate design addresses the problems that arise from the current rate design because it:
 - Stabilizes the non-gas portion of customer bills, minimizing variations with weather and/or other changes in use;
 - Provides the Company with a more stable stream of revenues and helps prevent an over-collection and under-collection of costs as actual use varies from test year use due to weather and/other changes in customer use;
 - Helps ensure recovery of fixed costs;
 - Addresses the relative large bills paid by low-use customers;
 - Eliminates the Company's financial disincentive to promote energy efficiency measures; and
 - Simplifies the PGA rate by eliminating the head block/ tail block rate design, helping to reduce the over/ under collection of gas costs based on variations in usage.

Q. DOES THIS COMPLETE YOUR DIRECT TESTIMONY?

22 A. Yes.

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Laclede Gas Company; Missouri Gas Energy Case No. GR-2017-0215; GR-2017-0216 Schedule TSL-D1 Page 1 of 2

Testimony Experience Timothy S. Lyons

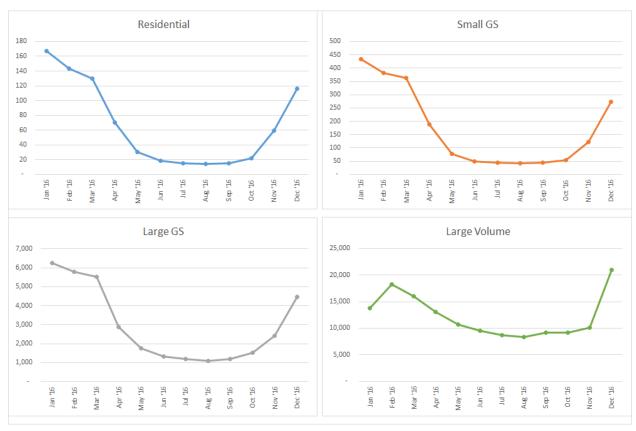
ScottMadden, Inc.

Sponsor	Date	Docket No.	Subject
Regulatory Commission of Alaska	•		
ENSTAR Natural Gas Company	06/16	Docket No. U-16-066	Adopted testimony and sponsored lead-lag study.
Connecticut Public Utilities Regulator	y Authority	<i>'</i>	
Yankee Gas Company	07/14	Docket No. 13-06-02	Sponsored report and testimony for review and evaluation of gas expansion policies, procedures and analysis.
Illinois Commerce Commission			
Liberty Utilities (Midstates Natural Gas)	07/15	Docket No. 16-0401	Sponsored testimony for cost of service, rate design and bill impact studies for a general rate case proceeding. The testimony includes proposal for new commercial classes and a decoupling mechanism.
Iowa Utilities Board			
Liberty Utilities (Midstates Natural Gas)	07/15	Docket No. RPU-2016-0003	Sponsored testimony for cost of service, rate design and bill impact studies for a general rate case proceeding. The testimony includes proposal for new commercial classes.
Maine Public Utilities Commission			
Northern Utilities, Inc. d/b/a Unitil Gas Limited	06/15	Case No. 2015-00146	Sponsored testimony for proposed gas expansion program, including a zone area surcharge.
Maryland Public Service Commission			
Sandpiper Energy, Inc.	12/15	Case No. 9410	Sponsored testimony for cost of service, rate design and bill impact studies for a general rate case proceeding. The testimony includes proposal for new residential and commercial classes.
Massachusetts Department of Public	Utilities		
Boston Gas	03/88	Docket No. DPU 88-67-II	Sponsored testimony for rate reclassification of commercial and industrial customers for rate design proceeding.
Boston Gas	03/90	DPU 90-55	Sponsored testimony for weather and other cost of service adjustments, rate design and customer bill impact studies for general rate case proceeding.
Boston Gas	10/93	DPU 92-230	Sponsored testimony describing the Company's position regarding rate treatment of vehicular natural gas investments and expenses.
New Hampshire Public Utilities Comm	ission		
Liberty Utilities d/b/a Granite State Electric Company	04/16	Docket No. DE 16-383	Adopted testimony and sponsored lead-lag study.

Sponsor	Date	Docket No.	Subject
New Jersey Board of Public Utilities			
Pivotal Utility Holdings, Inc. d/b/a Elizabethtown Gas Company	8/16	GR16090826	Sponsored testimony for lead-lag study
Rhode Island Public Utilities Commis	sion		
Providence Gas Company	01/96	Docket No. 2076	Sponsored testimony for rate reclassification of customers into new rate classes, rate design (including introduction of demand charges), and customer bill impact studies for rate design proceeding.
Providence Gas Company	11/92	Docket No. 2025	Sponsored testimony supporting the Integrated Resource Plan filing, including a performance-based incentive mechanism.
Providence Gas Company	02/96	Docket No. 2374	Sponsored testimony for rate design, customer bill impact studies and retail access tariffs for largest commercial and industrial customers for rate design proceeding.
Providence Gas Company	04/97	Docket No. 2552	Sponsored testimony for rate design, customer bill impact studies and retail access tariffs for commercial and industrial customers, including redesign of cost of gas adjustment clause, for rate design proceeding.
Providence Gas Company	08/01 09/00 08/96	Docket No. 1673	Sponsored testimony for changes in cost of gas adjustment factor related to projected under-recovery of gas costs; Filed testimony and witness for pilot hedging program to mitigate price risks to customers; Filed testimony and witness for changes in cost of gas adjustment factor related to extension of rate plan.
Providence Gas Company	06/97	Docket No. 2581	Sponsored testimony for rate plan that fixed rates for three-year period; included funding for critical infrastructure investments in accelerated replacement of mains and services, digitized records system, and economic development projects.
Providence Gas Company	08/00	Docket No. 2581	Sponsored testimony for extension of rate plan that began in 1997 and included certain modifications, including a weather normalization clause.
Providence Gas Company	03/00	Docket No. 3100	Sponsored testimony for de-tariff and deregulation of appliance repair service, enabling the Company to have needed pricing flexibility.
Railroad Commission of Texas			
CenterPoint Energy – Texas Gulf Division	11/16	GUD No. 10567	Sponsored testimony for lead-lag study.
Atmos Pipeline – Texas	01/17	GUD No. 10580	Sponsored testimony for lead-lag study.
Vermont Public Service Board			
Vermont Gas Systems	02/11	Docket No. 7712	Sponsored testimony for market evaluation and analysis to support establishment of system expansion and reliability fund.
Vermont Gas Systems	12/12	Docket No. 7970	Sponsored testimony describing the customers to be served by a \$90 million natural gas expansion project to Addison County, Vermont; also describing the benefits of the project as well as the Company's programs and service offerings.

LACLEDE GAS COMPANY

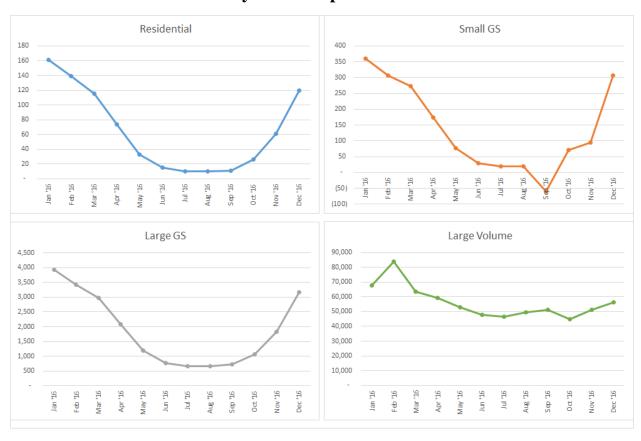
Analysis of Use per Customer



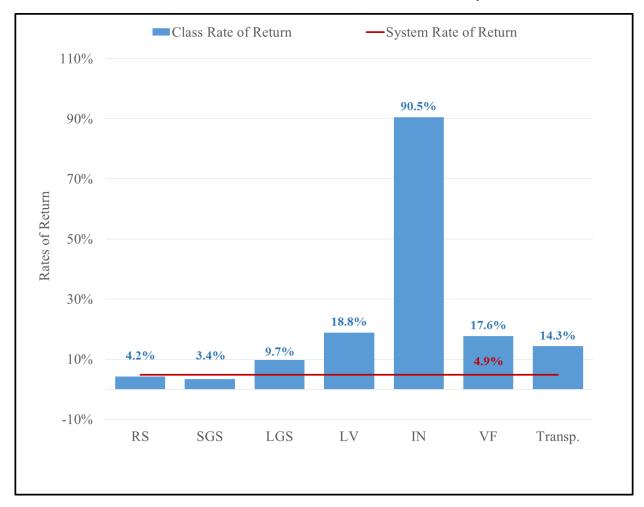


MISSOURI GAS ENERGY

Analysis of Use per Customer



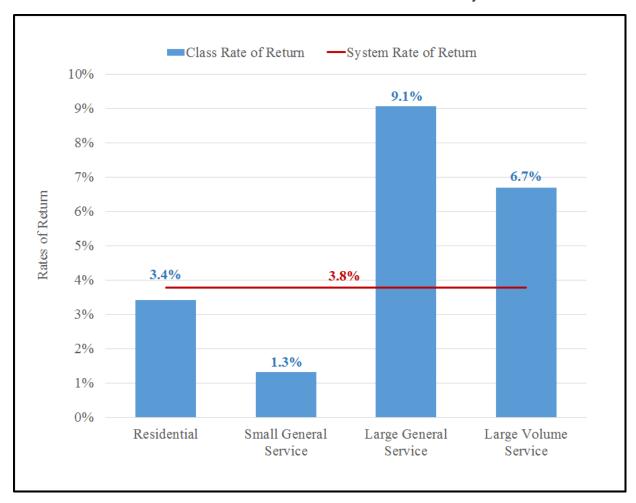
COSS Results (Laclede Gas Company)



COSS Results (Laclede Gas Company)

Laclede Gas Company			Small	Large	Large		Vehicular	
COSS Summary	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation
	Company	RS	SGS	LGS	LV	IN	VF	Transp.
Current Delivery Service Rates								
Rate base	1,231,687,251	1,009,181,043	100,315,016	80,645,759	3,920,909	520,426	374,289	36,729,811
Net operating income	59,911,031	42,115,812	3,428,861	7,850,121	735,922	471,209	65,989	5,243,117
Rate of return	4.86%	4.17%	3.42%	9.73%	18.77%	90.54%	17.63%	14.27%
Relative rate of return	100%	86%	70%	200%	386%	1861%	362%	293%
Revenues	\$ 329,345,163	\$ 261,790,821	\$ 26,114,152	\$ 24,882,692	\$ 1,801,067	\$ 944,654	\$ 175,717	\$ 13,636,058
Test Period Usage (therms)	901,742,754	488,185,483	77,590,502	132,304,153	10,059,571	7,107,794	3,193,198	183,302,053
Revenue per therm	\$ 0.3652	\$ 0.5363	\$ 0.3366	\$ 0.1881	\$ 0.1790	\$ 0.1329	\$ 0.0550	\$ 0.0744
Revenues at Equalized Rates of Return								
Rate of return	7.700%	7.700%	7.700%	7.700%	7.700%	7.700%	7.700%	7.700%
Return requirement	94,839,918	77,706,940	7,724,256	6,209,723	301,910	40,073	28,820	2,828,195
Revenue required	387,402,507	320,687,969	33,202,907	22,298,766	1,100,510	245,752	115,797	9,750,807
Revenue deficiency	58,057,344	58,897,147	7,088,755	(2,583,927)	(700,558)	(698,902)	(59,920)	(3,885,252)
Percent increase required	17.6%	22.5%	27.1%	-10.4%	-38.9%	-74.0%	-34.1%	-28.5%
Test Period Usage (therms)	901,742,754	488,185,483	77,590,502	132,304,153	10,059,571	7,107,794	3,193,198	183,302,053
Revenue Required per therm	\$ 0.4296	\$ 0.6569	\$ 0.4279	\$ 0.1685	\$ 0.1094	\$ 0.0346	\$ 0.0363	\$ 0.0532
Revenue Deficiency per therm	\$ 0.0644	\$ 0.1206	\$ 0.0914	\$ (0.0195)	\$ (0.0696)	\$ (0.0983)	\$ (0.0188)	\$ (0.0212)

COSS Results (Missouri Gas Energy)



COSS Results (Missouri Gas Energy)

Missouri Gas Energy COSS Summary	Total	Residential	Small General Srv	Large General Srv	Large Volume Srv
	Company	RS	SGS	LGS	LVS
Current Delivery Service Rates					
Rate base	792,519,685	618,157,423	72,784,240	45,186,472	56,391,550
Net operating income	30,045,198	21,210,088	962,616	4,096,123	3,776,371
Rate of return	3.79%	3.43%	1.32%	9.06%	6.70%
Relative rate of return	100%	91%	35%	239%	177%
Revenues	\$ 199,714,711	\$ 156,916,485	\$ 15,096,494	\$ 13,248,104	\$ 14,453,629
Test Period Usage (therms)	763,483,865	366,148,361	56,239,220	74,357,619	266,738,665
Revenue per therm	\$ 0.2616	\$ 0.4286	\$ 0.2684	\$ 0.1782	\$ 0.0542
Revenues at Equalized Rates of Return					
Rate of return	7.70%	7.70%	7.70%	7.70%	7.70%
Return requirement	61,024,016	47,598,122	5,604,386	3,479,358	4,342,149
Revenue required	250,115,780	199,842,228	22,641,317	12,252,925	15,379,312
Revenue deficiency	50,401,069	42,925,743	7,544,823	(995,179)	925,683
Percent increase required	25.2%	27.4%	50.0%	-7.5%	6.4%
Test Period Usage (therms)	763,483,865	366,148,361	56,239,220	74,357,619	266,738,665
Revenue Required per therm	\$ 0.3276	\$ 0.5458	\$ 0.4026	\$ 0.1648	\$ 0.0577
Revenue Deficiency per therm	\$ 0.0660	\$ 0.1172	\$ 0.1342	\$ (0.0134)	\$ 0.0035

Laclede Gas Company, Missouri Gas Energy Case No. GR-2017-0215; GR-2017-0216 Schedule TSL-D4 Page 1 of 16

Summary of Classifiers External Classifiers

Classifier	Classification of:	Classifier Derivation	Rationale
Customer Factor (CUS)	Rate Base: Account 380: Services Account 381 - Meters Account 382 - Meter Installations ¹ Account 383 - House Regulators Account 385 - Commercial & Industrial Measuring and Regulating Equipment Account 386 - Other Property - Customer Premises Account 387 - Other Equipment Account 397 - Communication Equipment Customer Deposits	Customer-related costs.	Costs related to providing natural gas service to customers. This is generally consistent with the approach taken in the most recent cost of service study.
	Cost of Service: Account 876 - Measuring and Regulating Station Expense-Industrial Account 878 - Meter and House Regulator Expense Account 879 - Customer Installation Expenses Account 890 - Maintenance of Measuring and Regulating Equipment-Industrial Account 892 - Maintenance of Services Account 893 - Maintenance of Meters and House Regulators Accounts 901 through 916 - Customer Account, Customer Services, and Sales and Advertising Expenses Account 928 - Regulatory Commission Expense		

¹ Account 382 Meter Installations is included in Account 381 Meters for Laclede Gas Company ("LAC")

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Classifier	Classification of:	Classifier Derivation	Rationale
Demand Factor (DEM)	Rate Base: ² Accounts 304 through 311 - Production Plant Accounts 350 through 357 - Underground Storage Plant Accounts 360 through 363 - Other Storage Equipment Accounts 365 through 371 - Transmission Plant Accounts 378 and 379 - Measuring and Regulating Station Equipment Gas Inventory - Volumes and Prices Cost of Service: ³ Accounts 710 through 717, and Accounts 735 through 742 - Manufactured Gas Production expenses Accounts 814 through 843 - Natural Gas Storage expenses except Accounts 819, 823, 825, and 842.1. Account 875 - Distributing Regulating Station Account 877 - Measuring and Regulating Station Expenses - City Gate Accounts 889 and 891 - Maintenance of Measuring and Regulating Equipment - General and City Gate	Demand-related costs.	Costs related to serving peak day requirements. This is generally consistent with the approach taken in the most recent cost of service study.

² There are no Production Plant, Underground Storage Plant, Other Storage Equipment, and Transmission Plant for Missouri Gas Energy ("MGE") ³ There are no Manufactured Gas Production and Natural Gas Storage expenses for MGE

Laclede Gas Company, Missouri Gas Energy Case No. GR-2017-0215; GR-2017-0216 Schedule TSL-D4 Page 3 of 16

Classifier	Classification of:	Classifier Derivation	Rationale
Commodity Factor (COM)	Cost of Service: 4 Account 723 - Fuel for LPG Process Account 728 - LPG Accounts 804 through 812 - Purchased Gas expense Account 819 - Compressor Station Fuel & Power Account 823 - Gas Losses Account 825 - Storage Well Royalties Account 842.1 - Fuel Account 871 - Distribution and Load Dispatching Odorant Expenses	Commodity-related costs.	Costs related to providing supply service.
Non-Intangible Plant Factor (NINTPLT)	Rate Base: Account 301 through 303 - Intangible Plant Construction Work in Progress	Composite classification factor based on the classification of total non-intangible plant.	This is generally consistent with the approach taken in the most recent cost of service study.
Accounts 376-379 Factor (DIS376-379)	Rate Base: Account 374 - Land & Land Rights Account 375 - Structures & Improvements	Composite classification factor based on the total classification of Accounts 376 through 379.	This is generally consistent with the approach taken in the most recent cost of service study.
Distribution Plant Factor (DISPLT) ⁵ [MGE Only]	Rate Base: Accounts 389 through 396, Account 397.0, and Account 398 - General Plant Cost of Service: Account 931 Rents	Composite classification factor based on the classification of total Distribution Plant.	This is generally consistent with the approach taken in the most recent cost of service study.

 ⁴ There are no Production and Storage Expenses for MGE
 ⁵ The DISPLT classifier is developed for MGE only. MGE does not have Production, Transmission, or Storage plant investments.

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Classifier	Classification of:	Classifier Derivation	Rationale
General Plant Factor (GENPLT)	Cost of Service: Account 932 - Maintenance of general plant	Composite classification factor based on the classification of total General Plant.	This is generally consistent with the approach taken in the most recent cost of service study.
Production, Transmission, and Distribution Plant Factor (PTD PLANT) ⁶	Rate Base: Accounts 389 through 396, and Account 398 - General Plant Cost of Service: Account 931 Rents	Composite classification factor based on the classification of total Transmission, Production, and Distribution Plant.	Investments in General Plant generally follow the classification of total other plant i.e. Production, Transmission, and Distribution Plant for LAC.
[LAC Only]			
Mains and Services Factor (MAINSVC)	Rate Base: Customer Advances Cost of Service: Account 874 - Mains and Service Expenses	Composite classification factor based on the total classification of Accounts 376 and 380.	Investments and costs that generally follow the classification of Account 376 Mains and Account 380 Services. This is generally consistent with the approach taken in the most recent cost of service study.
Total Plant in Service Factor (TOTPLT)	Rate Base: Materials and Supplies Accumulated Deferred Income Taxes Other Regulatory Liabilities Cost of Service: Account 924 - Property insurance Property Taxes	Composite classification factor based on the classification of total plant.	Plant Investments and Costs that are classified based on total plant. This is generally consistent with the approach taken in the prior cost of service study.

⁶ The PTD PLANT classifier is developed for LAC only as LAC has Distribution, Production, Transmission, and Storage plant investments

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Classifier	Classification of:	Classifier Derivation	Rationale
Operating Expense (without TOTI) Factor (NONTOTOIPEXP)	Rate Base: Prepaid Expenses Insulation Financing / Energy Wise Cash Working Capital Other Regulatory Assets (MGE Only) Cost of Service: Payroll Taxes	Composite classification factor based on the classification of total Operating Expenses excluding taxes.	Plant Investments and Costs that generally operating expenses excluding taxes. This is generally consistent with the approach taken in the most recent cost of service study.
Accounts 871-879 Factor (DIS871-879)	Cost of Service: Account 880 - Other Expenses Account 881 - Rents	Composite classification factor based on the classification of major Distribution Operations expenses.	Costs that generally follow Distribution Operations expenses. This is generally consistent with the approach taken in the most recent cost of service study.
Accounts 871-880 Factor (DIS871-880)	Cost of Service: Account 870 – Operation, Supervision and Engineering	Composite classification factor based on the classification of major Distribution Operations expenses.	Costs that generally Distribution Operations expenses. This is generally consistent with the approach taken in the most recent cost of service study.
Accounts 887-893 Factor (DIS887-893)	Cost of Service: Account 885 - Maintenance Supervision and Engineering Account 886 - Maintenance of Structures and Improvements Account 894 - Maintenance of Other Equipment	Composite classification factor based on the classification of major Distribution Maintenance expenses.	Costs that generally Distribution Maintenance expenses. This is generally consistent with the approach taken in the most recent cost of service study.

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Classifier	Classification of:	Classifier Derivation	Rationale
Non-A&G Op. Exp. (without TOTI) Factor (NONAGOPEXP)	Rate Base: Other Regulatory Assets Cost of Service: Account 920 - A&G Salaries Account 921 - Office supplies Account 922 - Administrative Expense Transfer Account 923 - Outside services employed Account 925 - Injuries and damages Account 926 - Employed pensions & benefits Account 930 - Misc. General Expenses	Composite classification factor based on the classification of total operating expenses excluding administrative and general expenses.	Costs that generally follow other Operation and Maintenance Expenses. This is generally consistent with the approach taken in the most recent cost of service study.
Mains Factor (PLT376MAINS)	Cost of Service: Account 887 - Maintenance of Mains	Classification factor based on the classification Account 376 Mains	Costs that generally follow Mains or related expenses. This is generally consistent with the approach taken in the most recent cost of service study
Accounts 871-880 Factor (EXP871-880)	Cost of Service: Account 870 - Operation, Supervision and Engineering	Composite classification factor based on the classification of major Distribution Operations expenses.	Costs that generally follow Distribution Operations expenses. This is generally consistent with the approach taken in the most recent cost of service study.

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Summary of Classifiers Internal Classifiers

Classifier	Classification of:	Classifier Derivation	Rationale
Distribution Mains Factor (DISMAIN)	Account 376 - Mains	Mains classifier developed through zero-intercept analyses. The analyses included regression analyses to measure the relationship between cost per foot of mains in the system and the size of the mains. The estimated cost of a zero-inch main was determined by using a zero value for the size variable(s) in the regression equation. Multiplying the estimated cost of a zero-inch main by the actual number of feet in the system yields the theoretical cost of a zero-inch mains system. The customer-related portion percentage of the mains investment is the ratio of the cost of the zero-inch mains system to the total cost of the mains investment, based on actual footage and main sizes.	The classification of distribution mains reflects two cost components: a) minimum cost to provide service to customer2, and b) cost to meet peak demand requirements. The zero intercept study ascertains the theoretical cost of zero inch main that would be necessary to provide cost to the customer regardless of demand needs. Zero-intercept is one of the methods recognized by NARUC in classifying distribution main costs.

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Summary of Allocators External Allocators

Allocator	Allocation of:	Allocator Derivation	Rationale
C1_customers	Customer-related portion of Account 376 Mains, Account 386 Other Property - Customer Premises, and related Account 887 Maintenance of Mains expense	Allocator is derived based on the percentage of customers within each rate class.	Costs are generally related to the number of customers. This is consistent with the approach taken in the most recent cost of service study.
	Customer-related expenses including:		
	Account 901 - Supervision		
	Account 902 - Meter reading		
	Account 903 - Customer Records and collections		
	Account 909 - Information and Institutional Advertising		
	Account 913 - Advertising		
C2_depcus	Customer Deposits	Allocator is derived based on the direct assignment of customer deposits to residential, and assignment of Commercial and Industrial customer deposits based on percentage of customers within SGS, LGS, and LV customer classes.	Customer deposits are directly assigned to customer classes based on actual MGE and LAC customer deposits data.

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Allocator	Allocation of:	Allocator Derivation	Rationale
C3_meters ⁷	Account 381 - Meters	Allocator is derived based on the number of meters by type in each rate class and by the current cost of each meter by type.	Costs are generally related to the number of meters and the cost of each meter. This is generally consistent with the approach taken in the most recent cost of service study.
C4_metincus	Account 382 – Meter Installations ⁸ Account 879 - Customer Installation Expenses	Allocator is derived based on the number of meters by type in each rate class and by the current meter installation cost of each meter by type.	Costs are generally related to the number of meters and the meter installation costs for each customer class. This is generally consistent with the approach taken in the most recent cost of service study.
C5_Regcus	Account 383 - House Regulators	Allocator is derived based on the number of meters by type in each rate class and by the current regulator cost of each meter by type.	Costs are generally related to the number of regulators and the cost of each regulator for each customer class. This is generally consistent with the approach taken in the most recent cost of service study.
C6_services	Account 380 - Services Account 892 - Maintenance of services expenses	Allocator is derived based on the number of services installed in each rate class and by the cost of each service installed.	Costs are generally related to the number of services and the cost of services for each customer class. This is generally consistent with the approach taken in the most recent cost of service study.

⁷ For LAC, the meter allocator (C3_meters) also includes costs of meter installation as Account 381 meters includes Account 382 meter installations.

⁸ MGE only as LAC Account 382 is included in Account 381

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Allocator	Allocation of:	Allocator Derivation	Rationale
C7_metregcus ⁹	Account 878 - Meter and House Regulator Expense Account 893 - Maintenance of Meters and House Regulators	Allocator is derived based on the total cost of meters and regulators installed in each rate class.	Costs are generally related to meter and house regulators costs for each customer class. This is generally consistent with the approach taken in the most recent cost of service study.
C8_Nonlvcus ¹⁰	Account 397.1 - Communications equip - AMR	Allocator is derived based on the percentage of customers within each rate class other than LV rate class.	Costs are generally related to non-large volume customers.
C9_Residcus	Account 908 - Customer Assistance Expense	Allocator is derived to allocate plant investment or cost only to residential customers.	Costs are generally related to residential customers only.
C10_lvcus (MGE Only)	Account 890 - Maintenance of Measuring and Regulating Equipment - Industrial	Allocator is derived to allocate plant investment or cost only to LV customers.	Costs are generally related to large volume customers only.
C10_lglvcus (LAC Only)	Account 876 - Measuring and Regulating Station Expense – Industrial	Allocator is derived to allocate plant investment or cost to LGS and LV customers.	Costs are generally related to large general service, and large volume customers only.
C11_903cus	Account 903 - Customer records and collections	Allocator derived by allocating customer records expenses based on number of bills, and collection expenses based on uncollectible expenses.	Customer records and collections are directly assigned to customer classes based on actual MGE and LAC data.

⁹ For LAC, the meter regulator allocator (C7_metregcus) also includes costs of meter installation as Account 381 meters includes Account 382 meter installations.

 $^{^{\}rm 10}$ The C8_Nonlvcus allocator is required only for MGE

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Allocator	Allocation of:	Allocator Derivation	Rationale
C12_904cus	Account 904 - Uncollectible expense	Allocator derived on the basis of three- year average bad debts of each customer class.	Uncollectibles are directly assigned to customer classes based on actual MGE and LAC data.
C13_912cus	Account 912 - Demonstration and selling	Allocator derived by directly assigning demonstration and selling expenses to their respective customer classes, and assigning other demonstration and selling expenses on the basis of percentage of customers in each rate class.	Demonstration and Selling expenses are directly assigned to customer classes based on actual MGE and LAC data.
C14_385cus ¹¹ [LAC Only]	Account 385 - Commercial & Industrial Measuring and Regulating Equipment	Allocator is derived based on the total industrial meters installation costs for each rate class other than residential class.	Account 385 is directly assigned to customer classes based on actual LAC data.
C15_intcus [For MGE: C14_intcus]	Interests on Customer Deposits	Allocator is derived based on the direct assignment of interests on customer deposits to residential, and assignment of Commercial and Industrial interest on customer deposits based on percentage of customers within SGS, LGS, and LV customer classes.	Interests from Customer Deposits is directly assigned to customer classes based on actual MGE and LAC data.
D1_Sales	Odorant Expenses	Allocator is derived based on percentage of sales volumes within each rate class.	Costs are assigned based on throughput. This is consistent with the approach taken in the prior cost of service study.

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 $^{^{11}}$ C15_385cus allocator developed only for LAC, as LAC's account 385 is used for large meter installation costs

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Allocator	Allocation of:	Allocator Derivation	Rationale
D2_demand	Major Transmission and Distribution Plant demand- related investments Major Distribution Plant demand-related O&M expenses	Allocator is based on customers' contribution to design day demands.	Costs are generally related to peak or design day usage. This is consistent with the approach taken in the prior cost of service study.
D3_totalrevenues	Gross Receipt Taxes	Allocator is derived based on percentage of revenues within each rate class.	Costs are generally related to total revenues. This is generally consistent with the approach taken in the prior cost of service study.
D4_nonTranspSales ¹² [LAC Only]	Account 723 - Fuel for LPG Process Account 728 - LPG Accounts 804 through 812 - Purchased Gas Expenses Accounts 819, 823, and 825 – Natural Gas Storage Expenses	Allocator is derived based on percentage of sales volumes within each rate class excluding transport customers.	Costs are assigned based on throughput of non-transport customers.
D4_nonTranspDem ¹³ [LAC Only]	Gas Inventory	Allocator is based on non-transport customers' contribution to winter demands.	Costs are assigned based on winter demands of non-transport customers.

 $^{^{12}}$ D4_nonTranspSales allocator is derived for LAC only as MGE does not have any Production and Storage expenses 13 D4_nonTranspDem allocator is derived for LAC only as MGE does not have any Production and Storage expenses

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Allocator	Allocation of:	Allocator Derivation	Rationale
Plant GasInvDem	Gas Inventory Accounts 304 through 363 - Demand-related production plant, storage plant, and other storage equipment. Manufactured Gas Production expenses excluding Accounts 723 and 728 Natural Gas Storage expenses excluding Accounts 819, 823, and 825.	Allocator based on non-transport customers' contribution to winter usage i.e. November-April for LAC, and November-March for MGE	Costs are assigned based on winter usage of non-transport customers.

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Summary of Allocators

Internal Allocators

Allocator	Allocator for:	Allocator Derivation	Rationale
Plant_Total	Materials and Supplies Other Regulatory Assets Accumulated Deferred Income Taxes Account 924 – Property Insurance Property Taxes	Allocator is derived based on total plant.	Costs are generally related to total plant costs. This is consistent with the approach taken in the prior cost of service study.
Plant_376-379	Accounts 374 and 375 - Land and Land Rights, Structures and Improvements	Allocator based on distribution plant, FERC accounts 376-379.	Costs are generally related to Mains and related equipment costs. This is consistent with the approach taken in the prior cost of service study.
Plant_374-386	Accounts 387 – Other Equipment	Allocator based on distribution plant, FERC accounts 374-386.	Costs are generally related to distribution plant related costs. This is consistent with the approach taken in the prior cost of service study.
Plant_Gen	Account 932 - Maintenance of general plant	Allocator is derived based on total General Plant.	Costs are generally related to general plants costs. This is consistent with the approach taken in the prior cost of service study.

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Allocator	Allocator for:	Allocator Derivation	Rationale			
Plant Dist ¹⁴ (MGE Only)	Accounts 389 through 398 – General Plant Construction Work in Progress Account 931 - Rents	Allocator is derived based on total Distribution Plant.	Costs are generally related to distribution plants costs. This is consistent with the approach taken in the prior cost of service study.			
PTD Plant (LAC Only)	Accounts 389 through 396, and Account 398 - General Plant Account 931 Rents	Allocator is derived based on total Production, Storage, Transmission and Distribution Plant.	Costs are generally related to other plant costs except general plant. This is consistent with the approach taken in the prior cost of service study.			
Plant Nonint	Accounts 301 and 302 - Intangible Plant	Allocator is derived based on total plant excluding intangible plant.	Costs are generally allocated based on total plant excluding intangible plant. This is consistent with the approach taken in the prior cost of service study.			
Plant_MainsSrv	Account 387 - Other Equipment Customer Advances Account 874 - Mains and Service Expenses	Allocator is based on Account 376 Mains and Account 380 Services.	Costs are generally related to Mains and Service plant costs. This is consistent with the approach taken in the prior cost of service study.			
Rate Base	Interest Expense	Allocator is derived based on total Rate Base.	Costs are generally related to the rate base. This is consistent with the approach taken in the prior cost of service study.			
OPEXP	Prepayments Insulation Financing / Energy Wise Cash Working Capital	Allocators are derived based on total demand-related and customer-related operating expenses.	Costs are generally related to operating expenses. This is consistent with the approach taken in the prior cost of service study.			

¹⁴ The 'Plant Dist' allocator is developed for MGE only as MGE does not have Production, Transmission, or Storage plant investments.

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Allocator	Allocator for:	Allocator Derivation	Rationale
EXP_871-879	Account 880 – Other Expenses	Allocator based on distribution expenses, FERC accounts 871-879.	Costs are generally related to distribution operations expense accounts.
EXP_871-880	Account 870 - Operation, Supervision and Engineering	Allocator based on distribution expenses, FERC accounts 871-880.	Costs are generally related to distribution operations expense accounts.
EXP_887-893	Account 885 - Maintenance Supervision and Engineering Account 886 - Maintenance of Structures and Improvements Account 894 – Maintenance of Other Equipment	Allocator based on distribution expenses, FERC accounts 887-893.	Costs are generally related to distribution maintenance expense accounts.
EXP_902-904	Account 905 - Miscellaneous Customer Service	Allocator based on distribution expenses, FERC accounts 902-904.	Costs are generally related to customer service expense accounts.
EXP_912-913	Account 911 - Supervision	Allocator based on distribution expenses, FERC accounts 912-913.	Costs are generally related to sales and advertising expense accounts.
EXP_Non-A&G	Account 920 through 930 - Administrative and General Expenses excluding Account 928, 924 Other Regulatory Assets	Allocator based on total operation and maintenance expenses excluding administrative and general expenses.	Costs are generally related to operating expenses excluding administrative and general expenses.
EXP_TTotal	Payroll Taxes Other Taxes	Allocator based on total expenses.	Costs are generally related to expenses.

	Α	С	D	E	F	G	Н	I	J
1	Laclede Gas Company		<u> </u>	Small	Large	Large		Vehicular	
2	COSS Summary	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation
3		Company	RS	SGS	LGS	LV	IN	VF	Transp.
4									
5	Current Delivery Service Rates								
6	Rate base	 1,231,687,251	1,009,181,043	100,315,016	80,645,759	3,920,909	520,426	374,289	36,729,811
7	Net operating income	59,911,031	42,115,812	3,428,861	7,850,121	735,922	471,209	65,989	5,243,117
8	Rate of return	4.86%	4.17%	3.42%	9.73%	18.77%	90.54%	17.63%	14.27%
9	Relative rate of return	100%	86%	70%	200%	386%	1861%	362%	293%
10	Revenues	\$ 329,345,163 \$	261,790,821	\$ 26,114,152	\$ 24,882,692	\$ 1,801,067	\$ 944,654	\$ 175,717	\$ 13,636,058
11	Test Period Usage (therms)	901,742,754	488,185,483	77,590,502	132,304,153	10,059,571	7,107,794	3,193,198	183,302,053
12	Revenue per therm	\$ 0.3652 \$	0.5363	\$ 0.3366	\$ 0.1881	\$ 0.1790	\$ 0.1329	\$ 0.0550	\$ 0.0744
13									
14	Revenues at Equalized Rates of Return								
15	Rate of return	7.700%	7.700%	7.700%	7.700%	7.700%	7.700%	7.700%	7.700%
16	Return requirement	94,839,918	77,706,940	7,724,256	6,209,723	301,910	40,073	28,820	2,828,195
17	Revenue required	387,402,507	320,687,969	33,202,907	22,298,766	1,100,510	245,752	115,797	9,750,807
18	Revenue deficiency	58,057,344	58,897,147	7,088,755	(2,583,927)	(700,558)	(698,902)	(59,920)	(3,885,252)
19	Percent increase required	17.6%	22.5%	27.1%	-10.4%	-38.9%	-74.0%	-34.1%	-28.5%
20	Test Period Usage (therms)	901,742,754	488,185,483	77,590,502	132,304,153	10,059,571	7,107,794	3,193,198	183,302,053
21	Revenue Required per therm	\$ 0.4296 \$	0.6569	\$ 0.4279	\$ 0.1685	\$ 0.1094	\$ 0.0346	\$ 0.0363	\$ 0.0532
22	Revenue Deficiency per therm	\$ 0.0644 \$	0.1206	\$ 0.0914	\$ (0.0195)	\$ (0.0696)	\$ (0.0983)	\$ (0.0188)	\$ (0.0212)
23									
24		Revenue Requir	<u>ements</u>						
25	Rate Class	Class ROR	Overall ROR						
26									
27	RS	4.17%	4.86%						
28	SGS	3.42%	4.86%						
29	LGS	9.73%	4.86%						
30	LV	18.77%	4.86%						
31	IN	90.54%	4.86%						
32	VF	17.63%	4.86%						
33	Transp.	14.27%	4.86%						
34									

	A		С	D	E	F	G	Н	I	J
35	Laclede Gas Company				Small	Large	Large		Vehicular	
36	COSS Summary		Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation
37			Company	RS	SGS	LGS	LV	IN	VF	Transp.
38										
39	Current Rate of Return		4.86%	4.17%	3.42%	9.73%	18.77%	90.54%	17.63%	14.27%
40	Proposed Rate of Return		7.70%	7.70%	7.70%	7.70%	7.70%	7.70%	7.70%	7.70%
41										
42	EROR Revenues	\$	387,402,507	\$ 320,687,969	\$ 33,202,907	\$ 22,298,766	\$ 1,100,510	\$ 245,752	\$ 115,797	\$ 9,750,807
43	Current Revenues		329,345,163	 261,790,821	 26,114,152	 24,882,692	 1,801,067	 944,654	175,717	 13,636,058
44										
45	Difference	\$	58,057,344	\$ 58,897,147	\$ 7,088,755	\$ (2,583,927)	\$ (700,558)	\$ (698,902)	\$ (59,920)	\$ (3,885,252)
46	% Difference		17.63%	22.50%	27.15%	-10.38%	-38.90%	-73.98%	-34.10%	-28.49%
47		_								
48	Derivation of Delivery Revenues									
49	Current Total Revenues	\$	329,345,163	261,790,821	26,114,152	24,882,692	1,801,067	944,654	175,717	13,636,058
50	Less: Street Lamps, LPG		54,773	43,538	4,343	4,138	300	157	29	2,268
51	Less: Other Revenues		5,217,736	 4,147,489	 413,720	 394,210	 28,534	 14,966	2,784	 216,033
52										
53	Current Delivery Revenues	\$	324,072,654	\$ 257,599,794	\$ 25,696,089	\$ 24,484,344	\$ 1,772,234	\$ 929,531	\$ 172,904	\$ 13,417,758
54										
55	Total Revenues at EROR	\$	387,402,507	320,687,969	33,202,907	22,298,766	1,100,510	245,752	115,797	9,750,807
56	Less: Other Revenues		54,773	43,538	4,343	4,138	300	157	29	2,268
57	Less: Other Revenues		5,217,736	 4,147,489	 413,720	 394,210	 28,534	 14,966	2,784	 216,033
58										
59	Delivery Revenues at EROR	\$	382,129,998	\$ 316,496,941	\$ 32,784,844	\$ 21,900,417	\$ 1,071,676	\$ 230,629	\$ 112,984	\$ 9,532,506

\Box	A	В	С	D	E	F	G	н	1	J
1	Laclede Gas Company		<u> </u>		Small	Large	Large	''	Vehicular	,
2	Development of Rate of Return		Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation
3			Company	RS	SGS	LGS	LV	IN	VF	Transp.
4										
5	Rate Base									
6	Gas Plant in Service	 -								
7	- Demand		558,139,389	366,846,965	56,921,641	80,232,395	4,145,443	5,745	380,002	49,607,198
8			1,242,565,722	1,121,492,857	82,689,189	30,762,967	1,395,998	683,237	169,903	5,371,572
9				-	-	-	-	-	-	-
10			1,800,705,111	1,488,339,822	139,610,830	110,995,362	5,541,441	688,982	549,905	54,978,769
11										
12	less: Depreciation & Amortization	=								
13			(201,624,995)	(134,365,751)	(20,875,323)	(29,226,594)	(1,439,549)	(5,102)	(119,950)	(15,592,726)
14	- Customer		(463,727,884)	(419,164,448)	(29,931,094)	(11,719,765)	(547,179)	(262,375)	(65,677)	(2,037,347)
15	- Commodity		- (CCE 252 000)	(552 520 400)	(50,000,447)	- (40.046.350)	- (4.006.720)	- (267.477)	- (405.627)	- (47 620 072)
16 17	Total		(665,352,880)	(553,530,199)	(50,806,417)	(40,946,358)	(1,986,729)	(267,477)	(185,627)	(17,630,073)
18	Add: CWIP									
19		=	10,508,959	6,841,292	1,060,578	1,501,974	80,124	_	7,774	1,017,217
20	- Customer		23,395,719	21,116,092	1,556,918	579,222	26,285	12,864	3,199	101,139
21	- Commodity		-	-	-	-	-	-	-	-
22	Total		33,904,678	27,957,384	2,617,496	2,081,196	106,409	12,864	10,973	1,118,356
23			,,-	, ,	,- ,	,,		,	-,-	, .,
24	Net Utility Plant in Service	_								
25	- Demand		367,023,353	239,322,505	37,106,896	52,507,775	2,786,018	643	267,826	35,031,689
26 27	- Customer		802,233,557	723,444,501	54,315,014	19,622,425	875,103	433,726	107,425	3,435,364
27	- Commodity			-	-	-	-	-	-	-
28	Total		1,169,256,909	962,767,006	91,421,910	72,130,200	3,661,121	434,369	375,251	38,467,053
29	<u>.</u>									
30		=								
31	- Demand		104,755,546	73,853,675	11,531,399	15,717,723	620,834	9,287	24,341	2,998,288
32	- Customer		168,354,706	146,669,087	14,528,720	5,511,235	264,470	144,794	33,095	1,203,305
33	- Commodity		1,552,069	777,605	123,555	210,288	15,945	11,194	5,039	408,443
34	Total		274,662,320	221,300,367	26,183,674	21,439,246	901,249	165,274	62,474	4,610,035
35 36	Reductions to Rate Base									
37		-	(64 427 622)	(42.250.756)	(6,571,307)	(0.262.628)	(479.659)	(660)	(42.800)	(F 720 722)
38	- Demand - Customer		(64,437,632) (147,794,346)	(42,350,756) (132,535,574)	(10,719,262)	(9,262,628) (3,661,060)	(478,658) (162,803)	(78,558)	(43,890) (19,546)	(5,729,733) (617,544)
39	- Customer - Commodity		(147,794,346)	(152,555,574)	(10,719,262)	(3,001,000)	(102,003)	(76,336)	(19,540)	(617,544)
40	Total		(212,231,978)	(174,886,330)	(17,290,568)	(12,923,687)	(641,461)	(79,218)	(63,436)	(6,347,277)
41	1000		(212,231,370)	(174,000,330)	(17,230,300)	(12,323,007)	(041,401)	(73,218)	(03,430)	(0,547,277)
41 42	Rate Base									
43		-	407,341,266	270,825,424	42,066,988	58,962,871	2,928,194	9,270	248,276	32,300,243
44	- Customer		822,793,916	737,578,014	58,124,472	21,472,600	976,770	499,962	120,973	4,021,125
45	- Commodity		1,552,069	777,605	123,555	210,288	15,945	11,194	5,039	408,443
46			1,231,687,251	1,009,181,043	100,315,016	80,645,759	3,920,909	520,426	374,289	36,729,811
47						, ,		,	,	, ,-

1 Electric General Structure Total Electric General Structure Interruptible Company RS Sels Sels		A	В	С	D	Е	F	G	Н	1	J
Part	1		_				Large			Vehicular	
3	2	· · · ·		Total	Residential				Interruptible		Transportation
A											
										**	
19	_	Return Calculation									
Solution Solution	_		-	324 072 654	257 599 794	25 696 089	24 484 344	1 772 234	929 531	172 904	13 417 758
Main Color revenues S.217.736									,		
Test											
Total 329,345,163 261,747,283 26,109,809 24,878,554 1,800,768 944,497 175,688 13,633,791								·			
Second S		Total		329 345 163	261 747 283	26 109 809	24 878 554	1 800 768	944 497	175 688	13 633 791
Sest	54	· ota·		525,5 15,205	201,7 17,200	20,203,003	2 1,07 0,00 1	1,000,700	311,137	175,000	10,000,751
SMA Expense	55	less:									
	56										
Separation		- Demand		29.183.408	19.405.225	3.014.223	4.224.618	209.714	668	17.766	2.311.194
Fig. Foundity Fo	58							,		,	
Total 180,822,158 149,551,953 16,834,007 9,725,592 486,231 157,311 55,748 4,011,316 162 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163 163	59										
G1 Common Commo	60	•									
					_ ::,::=,:::		0,: =0,00=	,	,		.,,
Customer 42,843,652 38,746,206 2,784,578 1,059,037 47,322 22,724 5,758 178,027 65 Commodity Commodity		Depreciation and Amortization Expense									
Customer 42,843,652 38,746,206 2,784,578 1,059,037 47,322 22,724 5,758 178,027 65 Commodity Commodity	63	- Demand		12.026.210	7.897.731	1.225.351	1.727.881	89,533	113	8.251	1.077.351
Commodity											
Total State Stat	65										-
Taxes other than income Fig. Fi				54.869.862	46.643.937	4.009.929	2.786.918	136.854	22.836	14.009	1.255.378
Taxes other than income				,,,,,,,	.,,	,,.	,,-	,	,	,	, , .
Coustomer Cous		Taxes other than income									
Coustomer Cous	69	- Demand		6.036.126	3.972.508	616.466	868.371	44.670	71	4.061	529.979
Commodity Comm								,	10.146	,	
Taxes other than income 21,913,512 18,145,191 1,760,012 1,302,892 65,009 10,521 6,639 623,248 10											
Interest on customer deposits 114,944 80,593 31,164 3,130 57 - - - - - - - - -		•									
Total Operating Expenses 11,713,656 5,253,336 50,180 3,214,039 376,993 282,777 33,332 2,502,999 17,032,571 1,065,146 473,445 109,728 8,392,941 17,032,571 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146	73			, ,	, ,	, ,		,	,	,	,
Total Operating Expenses 11,713,656 5,253,336 50,180 3,214,039 376,993 282,777 33,332 2,502,999 17,032,571 1,065,146 473,445 109,728 8,392,941 17,032,571 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146	74	Interest on customer deposits		114,944	80,593	31,164	3,130	57	-	_	-
Total Operating Expenses 269,434,132 219,675,010 22,685,291 17,032,571 1,065,146 473,445 109,728 8,392,941 Total Operating Expenses 269,434,132 219,675,010 22,685,291 17,032,571 1,065,146 473,445 109,728 8,392,941 Total Operating Expenses 269,434,132 219,675,010 22,685,291 17,032,571 1,065,146 473,445 109,728 8,392,941 Total Operating Expenses 269,434,132 219,675,010 22,685,291 17,032,571 1,065,146 473,445 109,728 8,392,941 Total Operating Expenses 269,434,132 219,675,010 22,685,291 17,032,571 1,065,146 473,445 109,728 8,392,941 Total Operating Expenses 269,434,132 219,675,010 22,685,291 17,032,571 1,065,146 473,445 109,728 8,392,941 Total Operating Expenses 269,434,132 219,675,010 22,685,291 17,032,571 1,065,146 473,445 109,728 8,392,941 Total Operating Expenses 269,434,132 219,675,010 22,685,291 17,032,571 1,065,146 473,445 109,728 8,392,941 Total Operating Expenses 269,434,132 219,675,010 22,685,291 17,032,571 1,065,146 473,445 109,728 8,392,941 Total Operating Expenses 269,434,132 219,675,010 22,685,291 17,032,571 1,065,146 473,445 109,728 8,392,941 Total Operating Expenses 269,434,132 219,675,010 22,685,291 17,032,571 1,065,146 473,445 109,728 8,392,941 Total Operating Expenses 269,434,132 219,675,010 22,685,291 17,032,571 1,065,146 473,445 109,728 8,392,941 Total Operating Expenses 269,434,132 219,675,010 22,685,291 17,032,571 1,065,146 473,445 109,728 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146 1,065,146	75	•									
Net Operating Income 59,911,031 42,072,273 3,424,518 7,845,983 735,622 471,052 65,960 5,240,849 80 81	76	Income taxes		11,713,656	5,253,336	50,180	3,214,039	376,993	282,777	33,332	2,502,999
Net Operating Income 59,911,031 42,072,273 3,424,518 7,845,983 735,622 471,052 65,960 5,240,849 80 81	77	Total Operating Expenses		269,434,132	219,675,010	22,685,291	17,032,571	1,065,146	473,445	109,728	8,392,941
80 81 82 After Tax Rate of return 4.86% 4.17% 3.41% 9.73% 18.76% 90.51% 17.62% 14.27% 83 Relative rate of return 1.000 0.857 0.702 2.000 3.857 18.608 3.623 2.933	78			, ,	, ,	, ,			,	,	, ,
80 81 82 After Tax Rate of return 4.86% 4.17% 3.41% 9.73% 18.76% 90.51% 17.62% 14.27% 83 Relative rate of return 1.000 0.857 0.702 2.000 3.857 18.608 3.623 2.933		Net Operating Income		59,911,031	42,072,273	3,424,518	7,845,983	735,622	471,052	65,960	5,240,849
82 After Tax Rate of return 4.86% 4.17% 3.41% 9.73% 18.76% 90.51% 17.62% 14.27% 83 Relative rate of return 1.000 0.857 0.702 2.000 3.857 18.608 3.623 2.933				, ,			, ,	,	,	,	, , , , , ,
83 Relative rate of return 1.000 0.857 0.702 2.000 3.857 18.608 3.623 2.933	81										
83 Relative rate of return 1.000 0.857 0.702 2.000 3.857 18.608 3.623 2.933	82	After Tax Rate of return		4. <u>86%</u>	4.17%	3.4 <u>1%</u>	9.73%	18.7 <u>6%</u>	90 <u>.51%</u>	17 <u>.62%</u>	14.27%
84											
	84										

	А	В	С	D	Е	F	G	Н	I	J
1	Laclede Gas Company				Small	Large	Large		Vehicular	
2	Summary of Rate of Return		Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation
3			Company	RS	SGS	LGS	LV	IN	VF	Transp.
4										
5	Rate Base									
6	Gas Plant in Service		1,800,705,111	1,488,339,822	139,610,830	110,995,362	5,541,441	688,982	549,905	54,978,769
7	less: Depreciation		(665,352,880)	(553,530,199)	(50,806,417)	(40,946,358)	(1,986,729)	(267,477)	(185,627)	(17,630,073)
8	Add: CWIP		33,904,678	27,957,384	2,617,496	2,081,196	106,409	12,864	10,973	1,118,356
9	Net Utility Plant in Service		1,169,256,909	962,767,006	91,421,910	72,130,200	3,661,121	434,369	375,251	38,467,053
10										
11	Add:									
12	Materials and Supplies		4,422,930	3,655,692	342,915	272,629	13,611	1,692	1,351	135,040
13	Gas Inventory - Volumes and Price		68,077,170	49,538,844	7,755,618	10,417,892	354,931	8,569	1,316	-
14	Prepayments		11,259,456	9,291,708	1,050,342	619,618	30,884	9,492	3,453	253,959
15	Insulation Financing / Energy Wise		1,865,806	1,539,730	174,052	102,677	5,118	1,573	572	42,084
16	Cash Working Capital		21,659,955	17,874,575	2,020,556	1,191,966	59,412	18,261	6,642	488,543
17	Other Regulatory Assets		167,377,003	139,399,818	14,840,191	8,834,464	437,294	125,687	49,140	3,690,410
18	Total		274,662,320	221,300,367	26,183,674	21,439,246	901,249	165,274	62,474	4,610,035
19										
20	Less:									
21	Accumulated Deferred Income Taxes		(206,856,327)	(170,973,307)	(16,037,820)	(12,750,612)	(636,574)	(79,147)	(63,170)	(6,315,696)
22	Customer Deposits Customer Advances		(4,354,823) (1,020,828)	(3,053,380) (859,643)	(1,180,682) (72,067)	(118,588) (54,487)	(2,173) (2,714)	- (71)	(266)	(31,581)
24	Total		(212,231,978)	(174,886,330)	(17,290,568)	(12,923,687)	(641,461)	(79,218)	(63,436)	(6,347,277)
25								====		0.5 =0.0 0.4.4
26 27	Rate Base		1,231,687,251	1,009,181,043	100,315,016	80,645,759	3,920,909	520,426	374,289	36,729,811
	Data and the last and	1								
28 29	Return Calculation Delivery Revenues		324,072,654	257,599,794	25,696,089	24,484,344	1,772,234	929,531	172,904	13,417,758
30	Add: Street Lamps, LP		54,773	43,538	4,343	4,138	300	157	29	2,268
31	Add: Other revenues		5,217,736	4,147,489	413,720	394,210	28,534	14,966	2,784	216,033
32	Total Revenues		329,345,163	261,790,821	26,114,152	24,882,692	1,801,067	944,654	175,717	13,636,058
33			, , ,	, ,	, , -	, ,	, ,	,	,	, ,
34	less:									
35	O&M Expense		180,822,158	149,551,953	16,834,007	9,725,592	486,231	157,311	55,748	4,011,316
36	Depreciation and Amortization Expense		54,869,862	46,643,937	4,009,929	2,786,918	136,854	22,836	14,009	1,255,378
37	Taxes other than income		21,913,512	18,145,191	1,760,012	1,302,892	65,009	10,521	6,639	623,248
38	Interest on customer deposits		114,944	80,593	31,164	3,130	57	· -	-	· -
39	Income taxes		11,713,656	5,253,336	50,180	3,214,039	376,993	282,777	33,332	2,502,999
40	Total Operating Expenses		269,434,132	219,675,010	22,685,291	17,032,571	1,065,146	473,445	109,728	8,392,941
41										
42	Net Operating Income		59,911,031	42,115,812	3,428,861	7,850,121	735,922	471,209	65,989	5,243,117
43	Data of veture		4.0549/	4 4720/	2.4400/-	0.7340/	10.750%	00 5420/	17 5240/-	14 27504
44 45	Rate of return		4.864% 1.000	4.173% 0.858	3.418% 0.703	9.734% 2.001	18.769% 3.859	90.543% 18.614	17.631% 3.625	14.275% 2.935
45	Relative rate of return		1.000	0.858	0.703	2.001	3.859	18.514	3.625	Z.935

	А	В	С	D	l E	F	G	Н	1	1
1	Laclede Gas Company				Small	Large			Vehicular	
2	Summary of Rate of Return		Total	Residential	General Srv	General Sr		Interruptible	Fuel	Transportation
3			Company	RS	SGS	LG:	S LV	IN	VF	Transp.
4										
46 47	Derivation of Required Revenues									
48	Net Income after taxes		\$ 94,839,918	\$ 77,706,940	\$ 7,724,256	\$ 6,209,72	3 \$ 301,910	\$ 40,073	\$ 28,820	\$ 2,828,195
49	Add: Income Taxes	,	34,842,112	28,547,831		2,281,31		14,722	10,588	
50	Net income before taxes & interest	:	\$ 129,682,031	\$ 106,254,771	\$ 10,561,979	\$ 8,491,040	0 \$ 412,825	\$ 54,795	\$ 39,408	\$ 3,867,213
51 52	Add: O&M		180,822,158	149,551,953	16,834,007	9,725,592	2 486,231	157,311	55,748	4,011,316
53	Add: Depreciation		54,869,862	46,643,937	4,009,929	2,786,918		22,836	14,009	
54	Add: Taxes other than income		21,913,512	18,145,191		1,302,89		10,521	6,639	
55	Add: Interest on customer deposits		114,944	80,593	31,164	3,130	0 57			
56 57	Net Revenue Requirement		386,037,507	319,558,035	33,085,918	22,220,19	7 1,096,632	244,886	115,389	9,716,450
58	Add: Changes/ True-up Estimate		1,365,000	1,129,934	116,989	78,569	9 3,878	866	408	34,357
59	Total Revenue Requirement		\$ 387,402,507	\$ 320,687,969	\$ 33,202,907	\$ 22,298,766	6 \$ 1,100,510	\$ 245,752	\$ 115,797	\$ 9,750,807
60										
61 62	Demand-Related Parts Rose	,	\$ 407,341,266	\$ 270,825,424	\$ 42,066,988	¢ 50,062,07	1 \$ 2,928,194	\$ 9,270	\$ 248,276	\$ 32,300,243
63	Rate Base Net Income after taxes		\$ 407,341,266 31,365,277	20,853,558	3,239,158	\$ 58,962,873 4,540,143		5 9,270 714	3 248,276 19,117	
64	Add: Income Taxes		11,522,917	7,661,141	1,189,996	1,667,949		262	7,023	
65	Net income before taxes & interest	:	\$ 42,888,195	\$ 28,514,699	\$ 4,429,154	\$ 6,208,090	0 \$ 308,304	\$ 976	\$ 26,141	\$ 3,400,832
66 67	Add: O&M		29,183,408	19,405,225	3,014,223	4,224,618	8 209,714	668	17,766	2,311,194
68	Add: Depreciation		12,026,210	7,897,731	1,225,351	1,727,88		113	8,251	
69	Add: Taxes other than income		6,036,126	3,972,508		868,37:		71	4,061	529,979
70		_			·					·
71										
72 73	Required Demand Revenues	:	\$ 90,133,939	\$ 59,790,162	\$ 9,285,195	\$ 13,028,960	0 \$ 652,220	\$ 1,827	\$ 56,218	\$ 7,319,356
74					Small	Large			Vehicular	
75			Total	Residential		General Sr		Interruptible	Fuel	
76 77			Company	RS	SGS	LG	S LV	IN	VF	Transp.
78	Fully Allocated Customer Costs									
79	Rate Base	9	\$ 822,793,916	\$ 737,578,014	\$ 58,124,472	\$ 21,472,600	0 \$ 976,770	\$ 499,962	\$ 120,973	\$ 4,021,125
80	Net Income after taxes		63,355,132	56,793,507	4,475,584	1,653,390		38,497	9,315	
81	Add: Income Taxes		23,275,290	20,864,693	1,644,232	607,419	9 27,631	14,143	3,422	113,750
82 83	Net income before taxes & interest	:	\$ 86,630,422	\$ 77,658,200	\$ 6,119,816	\$ 2,260,810	0 \$ 102,842	\$ 52,640	\$ 12,737	\$ 423,377
84	Add: O&M		149,861,435	129,256,272	13,678,297	5,260,16	7 258,258	143,825	32,212	1,232,403
85	Add: Depreciation		42,843,652	38,746,206		1,059,03		22,724	5,758	
86	Add: Taxes other than income		15,835,187	14,151,541	1,140,186	428,803		10,146	2,441	
87 88	Add: Interest on deposits	<u> </u>	114,944	80,593	31,164	3,130	0 57	-	-	
89	Required Customer Revenues	:	\$ 295,285,639	\$ 259,892,812	\$ 23,754,041	\$ 9,011,94	7 \$ 428,385	\$ 229,335	\$ 53,148	\$ 1,915,971
90 91	Number of Customers		646,634	605,635	37,040	3,720	0 68	21	8	142
92	Monthly cost per customer	- :	\$ 38.05						-	
93 94	Required Total Revenues		385,419,578	319,682,974	33,039,236	22,040,90	7 1,080,606	231,162	109,367	9,235,327
95			, -,	,,	,,	,,	,,	,	/	-, -,,

	А	В	С	D	E	F	G	Н	I	J
1	Laclede Gas Company				Small	Large	Large		Vehicular	
2	Summary of Rate of Return		Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation
3			Company	RS	SGS	LGS	LV	IN	VF	Transp.
4										
96	Basic Customer Costs				Small	Large	Large		Vehicular	
97			Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation
98			Company	RS	SGS	LGS	LV	IN	VF	Transp.
99		1								
100 101	Basic Customer Costs Plant	ļ								
-			07 505 400						4.000	40.470
102	376.1 - Mains - Steel		87,536,489	81,986,329	5,014,243	503,631	9,228	2,809	1,072	19,178
103	376.2 - Mains - Cast Iron		8,177,699	7,659,201	468,433	47,049	862	262	100	1,792
104	376.3 - Mains - Plastic		171,442,578	160,572,439	9,820,530	986,375	18,073	5,501	2,099	37,560
105 106	380.1 - Services - Steel		38,730,897	35,912,898	2,185,615	572,719	18,797	4,970	2,000	33,898
106	380.2 - Services - Plastic 381 - Meters		645,762,615	598,777,948	36,440,892	9,548,972	313,408	82,862	33,343	565,191
107	381 - Meters 383 - House Regulators		129,541,012 25,568,099	108,212,959 18,642,965	15,325,374 2,414,255	4,754,757 3,346,994	157,061 248,925	104,954 109,135	23,407 25,220	962,499 780,606
109	385 - House Regulators 385 - Commercial & Ind Meas & Reg Eq		14,480,417	18,642,965	3,006,920	8,123,773	500,035	309,437	66,891	2,473,362
110	Total		1,121,239,806	1,011,764,739	74,676,261	27,884,268	1,266,389	619,931	154,132	4,874,086
111	Total		1,121,235,600	1,011,704,733	74,070,201	27,884,208	1,200,389	019,931	134,132	4,874,080
112	Accumulated Depreciation									
113	376.1 - Mains - Steel		(52,422,907)	(49,099,087)	(3,002,876)	(301,609)	(5,526)	(1,682)	(642)	(11,485)
114	376.2 - Mains - Cast Iron		(745,873)	(698,582)	(42,725)	(4,291)	(79)	(24)	(9)	
115	376.3 - Mains - Plastic		(29,657,825)	(27,777,401)	(1,698,852)	(170,633)	(3,126)	(952)	(363)	
116	380.1 - Services - Steel		(36,075,778)	(33,450,962)	(2,035,785)	(533,457)	(17,509)	(4,629)	(1,863)	(31,575)
117	380.2 - Services - Plastic		(245,081,235)	(227,249,512)	(13,830,127)	(3,624,046)	(118,945)	(31,448)	(12,654)	(214,503)
118	381 - Meters		(30,286,296)	(25,299,862)	(3,583,026)	(1,111,648)	(36,720)	(24,538)	(5,473)	(225,029)
119	383 - House Regulators		(11,032,284)	(8,044,183)	(1,041,718)	(1,444,182)	(107,408)	(47,090)	(10,882)	
120	385 - Commercial & Ind Meas & Reg Eq		(5,778,276)	-	(1,199,883)	(3,241,716)	(199,534)	(123,478)	(26,692)	(986,972)
121	Total		(411,080,474)	(371,619,589)	(26,434,991)	(10,431,582)	(488,848)	(233,841)	(58,578)	(1,813,045)
122										
123	Net income before taxes & interest									
124	Net Plant		710,159,332	640,145,150	48,241,270	17,452,686	777,541	386,090	95,554	3,061,041
125	Net Income after taxes		54,682,269							
126	Add: Income Taxes		20,089,070	18,108,501	1,364,655	493,704	21,995	10,922	2,703	86,591
127	Net income before taxes & interest		\$ 74,771,338	\$ 67,399,677	\$ 5,079,232	\$ 1,837,560	\$ 81,866	\$ 40,651	\$ 10,061	\$ 322,291
128	ORM Furnish									
129	O&M Expenses									
130	874 - Mains and Service Expenses		6,658,916	6,191,911	377,359	81,579	2,522	675	270	4,602
131	876 - Measuring and Reg Station Exp-Ind		155,837	-	32,360	87,427	5,381	3,330	720	26,618
132	878 - Meter and House Regulator Exp.		14,896,146	10,446,990	2,503,486	1,446,325	75,527	43,426	9,469	370,922
133 134	879 - Customer Installation Expenses		2,371,255 1,676,190	1,666,490	267,306 221,373	316,645	18,032 7,062	11,157	2,436 898	89,188
134	880 - Other Expenses 902 - Meter reading expense		1,676,190 8,680,331	1,274,110 8,129,963	497,224	134,471 49,941	7,062	4,078 279	898 106	34,198 1,902
136	903 - Customer records & collections		19,065,392	17,831,316	1,150,236	78,789	1,444	439	168	3,000
137	909 - Info & Inst Advertising		98,614	92,361	5,649	567	1,444	3	100	3,000
138	913 - Advertising		138,699	129,905	7,945	798	15	3	2	30
139	916 - Misc Sales Expense		130,099	123,903	-	-	-	- 4	-	-
140	Total		53,741,378	45,763,047	5,062,938	2,196,543	110,907	63,392	14,069	530,481
141	Total		33,741,376	43,703,047	3,002,336	2,130,343	110,507	03,332	14,005	330,461
141										

	А	В	С	D	E	F	G	Н	I	J
1	Laclede Gas Company				Small	Large	Large		Vehicular	
2	Summary of Rate of Return		Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation
3			Company	RS	SGS	LGS	LV	IN	VF	Transp.
4										
142	Depreciation Expense									
143	380.1 - Services - Steel		2,025,626	1,878,245	114,308	29,953	983	260	105	1,773
144	380.2 - Services - Plastic		24,216,098	22,454,173	1,366,533	358,086	11,753	3,107	1,250	21,195
145	381 - Meters		3,070,122	2,564,647	363,211	112,688	3,722	2,487	555	22,811
	383 - House Regulators		511,362	372,859	48,285	66,940	4,978	2,183	504	15,612
147	385 - Commercial & Ind Meas & Reg Eq		470,614		97,725	264,023	16,251	10,057	2,174	80,384
148	Total		30,293,821	27,269,924	1,990,062	831,690	37,688	18,094	4,588	141,775
149										
	Basic customer-related costs		158,806,538	\$ 140,432,648	\$ 12,132,233	\$ 4,865,794	\$ 230,461	\$ 122,136	\$ 28,718	\$ 994,548
151	Number of customers		646,634	605,635	37,040	3,720	68	21	8	142
152	Monthly basic cost per customer		\$ 20.47	\$ 19.32	\$ 27.30	\$ 108.99	\$ 281.74	\$ 490.51	\$ 302.30	\$ 585.03
153										

	A	В	С	D	E	F I	G	Н	1 1	1 1	K
1	Laclede Gas Company	ь		<u> </u>	Small	Large	Large		Vehicular	, ,	K
2	Allocation of Gross Plant	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
3		Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
4											
5	Intangible Plant									,	
6	301 - Organization Costs		2,501								NINTPLT
7	- Demand	Plant Nonint_D	775	505	78	111	6	0	1	74	31%
8	- Customer	Plant Nonint_C	1,726	1,558 -	115	43	2	1	0	7	69% 0%
9 10	- Commodity Total		2,501	2,063	193	154	- 8	1	1	82	U%
11	Total		2,301	2,003	155	154	· ·	-	-	02	
12	302 - Franchise and Consents		8,484							Ī	NINTPLT
13	- Demand	Plant Nonint_D	2,630	1,714	266	376	20	0	2	252	31%
14	- Customer	Plant Nonint_C	5,855	5,284	390	145	7	3	1	25	69%
15	- Commodity		-	-	-	-	-	-	-	-	0%
16	Total		8,484	6,998	655	521	27	3	3	278	
17 18	303 - Misc. Intangible Plant		_								
19	- Demand										
20	- Demand - Customer		-	-					-	-	
20 21 22 23	- Commodity		-	-	-	-	-	-	-	_	
22	Total	•	_	-	_	_	_	_	-	_	
23											
24	Total Intangible Plant		10,986								
25	- Demand		3,405	2,219	344	487	26	0	2	327	
26	- Customer		7,581	6,842	504	188	9	4	1	33	
25 26 27 28 29	- Commodity								-		
28	Total		10,986	9,061	848	675	34	4	4	360	
30	Production Plant	Ī									
31	304 - Land & Land Rights-Mfg Gas		119,929							1	DEM
32	- Demand	Plant GasInvDem	119,929	87,271	13,663	18,353	625	15	2	_	100%
33	- Customer		-	-	-	-		-	-	-	0%
34	- Commodity		-	-	-	-		-	-	-	0%
32 33 34 35	Total		119,929	87,271	13,663	18,353	625	15	2	-	
36 37	205 Chryschings & Immunication & A.C. Co.		1 000 05 *							r	DE**
3/	305 - Structures & Improvements-Mfg Gas	n	1,869,054	4 252 5	242.05-	205.05-	0.77	225			DEM
38 39	- Demand	Plant GasInvDem	1,869,054	1,360,086	212,930	286,023	9,745 -	235	36	-	100% 0%
40	- Customer - Commodity		-	-	-				-	-	0%
40 41	- Commodity Total		1,869,054	1,360,086	212,930	286,023	9,745	235	36	-	U/0
42			1,003,034	1,555,566	222,550	200,023	3,. 13	233	30		
43	307 - Other Power Equipment		159,016							ſ	DEM
44 45 46 47	- Demand	Plant GasInvDem	159,016	115,713	18,116	24,334	829	20	3	-	100%
45	- Customer		-	-	-	-	-	-	-	-	0%
46	- Commodity		-	-		-	-	-	-	-	0%
47	Total		159,016	115,713	18,116	24,334	829	20	3	-	
48 49	311 - Propane Equipment-Gas Ops		4,749,845							ı	DEM
50	- Demand	Plant GasInvDem	4,749,845	3,456,399	541,121	726,872	24,764	598	92	_	100%
51	- Customer	riant Gasinvoeifi	4,749,845	3,450,399	541,121	720,872	24,764	298	-	-	0%
52	- Commodity		-	-	-	-	-	-	-	-	0%
51 52 53 54	Total		4,749,845	3,456,399	541,121	726,872	24,764	598	92	-	
54											

	A	В	С	D	E	F	G	Н	ı	J	K
1	Laclede Gas Company				Small	Large	Large		Vehicular		
3	Allocation of Gross Plant	Allocation Factor	Total Company	Residential RS	General Srv SGS	General Srv LGS	Volume LV	Interruptible IN	Fuel VF	Transportation Transp.	Classification Factor
4		ractor	Company	1.3	303	103	LV	114	VI	mansp.	ractor
55	311.1 - Propane Storage Cavern-Gas Ops		4,829,688							<u> </u>	DEM
56 57	- Demand	Plant GasInvDem	4,829,688	3,514,500	550,217	739,090	25,180	608	93	-	100%
58	- Customer- Commodity		-	-	-	-	-	-	-	-	0% 0%
59 60	Total		4,829,688	3,514,500	550,217	739,090	25,180	608	93	-	0,0
60											
61 62	Total Production Plant		11,727,532	0.522.000	4 226 046	4 704 672	61.112	4.476	227		
63	- Demand - Customer		11,727,532 -	8,533,968	1,336,046	1,794,672 -	61,143	1,476	227	-	
64	- Commodity		-	-	-	-	-	-	-	-	
65	Total	_	11,727,532	8,533,968	1,336,046	1,794,672	61,143	1,476	227	-	
66		1									
67 68	Underground Storage Plant 350.1 - Land	I	1,201,600								DEM
69	- Demand	Plant GasInvDem	1,201,600	874,388	136,891	183,882	6,265	151	23	-	100%
70	- Customer		-	-	-	-	-	-	-	-	0%
71	- Commodity		-	-	-	-		-	-	-	0%
72 73	Total		1,201,600	874,388	136,891	183,882	6,265	151	23	-	
74	350.2 - Rights of Way		778,418								DEM
75	- Demand	Plant GasInvDem	778,418	566,444	88,680	119,122	4,058	98	15	-	100%
76	- Customer		-	-	-	-	-	-	-	-	0%
77 78	- Commodity Total		778,418	566,444	- 88,680	119,122	4,058	- 98	- 15		0%
79	Total		778,418	300,444	88,080	119,122	4,058	98	15	-	
80	351.2 - Compression Station Structure		612,741								DEM
81	- Demand	Plant GasInvDem	612,741	445,884	69,806	93,768	3,195	77	12	-	100%
82 83	- Customer		-	-	-	-	-	-	-	-	0% 0%
84	- Commodity Total		612,741	445,884	69,806	93,768	3,195	- 77	12		U%
85 86				-,			.,			_	
86	351.4 - Other Structures		1,009,838								DEM
87 88	- Demand	Plant GasInvDem	1,009,838	734,846	115,045	154,536	5,265	127	20	-	100%
89	- Customer- Commodity		-	-	-	-	-	-	-	-	0% 0%
90	Total		1,009,838	734,846	115,045	154,536	5,265	127	20	-	
90 91 92	252 !!										251
92		Dlant Caslay Da	6,090,514	4 424 005	C02 8FF	022.025	24.754	767	110		DEM
94	- Demand - Customer	Plant GasInvDem	6,090,514	4,431,985 -	693,855 -	932,035	31,754	767 -	118	-	100% 0%
95	- Commodity		-		-	-	<u> </u>				0%
94 95 96 97	Total		6,090,514	4,431,985	693,855	932,035	31,754	767	118	-	
97 98	352.1 - Storage Leaceholde 9. Bighte		2 055 422								DEM
99	352.1 - Storage Leaseholds & Rights - Demand	Plant GasInvDem	2,055,422 2,055,422	1,495,703	234,162	314,542	10,716	259	40	_	100%
100	- Customer	i lant Gashiybelli	2,033,422	1,493,703	234,102	-	10,710	-	-		0%
101	- Commodity		-	-	-	-	-	-	-	-	0%
102 103	Total		2,055,422	1,495,703	234,162	314,542	10,716	259	40	-	
103	352.2 - Reservoirs		245,023								DEM
105	- Demand	Plant GasInvDem	245,023	178,300	27,914	37,496	1,277	31	5		100%
106	- Customer		-	-	-	-	-,	-	-	-	0%
107	- Commodity		-	-	-	-	-	-	-	-	0%
108 109	Total		245,023	178,300	27,914	37,496	1,277	31	5	-	

	А	В	С	D	E	F	G	Н	1 1	J	K
1	Laclede Gas Company				Small	Large	Large		Vehicular		
2	Allocation of Gross Plant	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
3		Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
4											
110	352.3 - Non-Recoverable Natural Gas		6,503,628								DEM
111	- Demand	Plant GasInvDem	6,503,628	4,732,603	740,919	995,254	33,908	819	126	-	100%
112 113	- Customer		-	-	-	-	-	-	-	-	0%
114	- Commodity Total		6,503,628	4,732,603	740,919	995,254	33,908	819	126	-	0%
115	Total		0,303,028	4,732,003	740,313	333,234	33,300	813	120	_	
116	352.4 - Wells - Oil & Vent Gas		1,932,818								DEM
117	- Demand	Plant GasInvDem	1,932,818	1,406,486	220,194	295,780	10,077	243	37	-	100%
118	- Customer		-	-	-	-	-	-	-	-	0%
119	- Commodity		-	-	-	-	-	-	-	-	0%
120	Total		1,932,818	1,406,486	220,194	295,780	10,077	243	37	-	
121 122	353 - Lines		2,876,382								DEM
123		Plant GasInvDem		2 002 405	227 600	440 175	14.000	363	56	_	100%
123	- Demand - Customer	Plant Gasinvoem	2,876,382 -	2,093,105	327,689	440,175 -	14,996	362	56	-	100%
125	- Commodity		-	-	-	-	-	-	-	-	0%
126	Total		2,876,382	2,093,105	327,689	440,175	14,996	362	56	-	070
126 127			, ,		,	,	·				
128	354 - Compressor Station Equipment		2,747,710								DEM
129	- Demand	Plant GasInvDem	2,747,710	1,999,472	313,030	420,484	14,326	346	53	-	100%
130	- Customer		-	-	-	-	-	-	-	-	0%
131	- Commodity		-	-	-	-	-	-	-	-	0%
132 133	Total		2,747,710	1,999,472	313,030	420,484	14,326	346	53	-	
134	355 - Measuring & Regulating Equipment		2,247,516								DEM
135	- Demand	Plant GasInvDem	2,247,516	1,635,488	256,046	343,939	11,718	283	43	-	100%
136	- Customer		-,,	-,555,555	-	-		-	-	-	0%
137	- Commodity			-	-	-	-	-	-	-	0%
138	Total		2,247,516	1,635,488	256,046	343,939	11,718	283	43	-	
139											
140	356 - Purification Equipment		233,042								DEM
141 142	- Demand	Plant GasInvDem	233,042	169,582	26,549	35,663	1,215	29	5	-	100%
143	- Customer- Commodity		-	-	-	-	-	-	-	-	0% 0%
144	- Commodity Total		233,042	169,582	26,549	35,663	1,215	29	5	-	070
145					,5 .5	22,000	_,_12	23	3		
146	357 - Other Equipment		66,896								DEM
147	- Demand	Plant GasInvDem	66,896	48,679	7,621	10,237	349	8	1	-	100%
148	- Customer		-	-	-	-	-	-	-	-	0%
149	- Commodity		-	-	-	-	-	-	-	-	0%
150 151	Total		66,896	48,679	7,621	10,237	349	8	1	-	
152	Total Underground Storage Plant		28,601,549								
153	- Demand		28,601,549	20,812,964	3,258,400	4,376,913	149,119	3,600	553	_	
154	- Customer		-	-	-	-,370,313	-	-	-	_	
155	- Commodity		-		-	-	-	-			
156	Total		28,601,549	20,812,964	3,258,400	4,376,913	149,119	3,600	553	-	-
157											

_	1										
_	A	В	С	D	E	F L	G	Н		J	K
1 2 3	<u>Laclede Gas Company</u> Allocation of Gross Plant	Allocation Factor	Total Company	Residential RS	Small General Srv SGS	Large General Srv LGS	Large Volume LV	Interruptible IN	Vehicular Fuel VF	Transportation Transp.	Classification Factor
4 158 159	Other Storage Equipment		50,654								DEM
160		Plant GasInvDem	50,654	36,860	5,771	7,752	264	6	1		100%
161	- Customer		-	-	-	-	-	-	-	-	0%
162			-	-	-	-	-	-	-	-	0%
163 164	Total		50,654	36,860	5,771	7,752	264	6	1	-	
165			107,233								DEM
166		Plant GasInvDem	107,233	78,032	12,216	16,410	559	13	2	-	100%
167	- Customer		-	-	-	-	-	-	-	-	0%
168 169	- Commodity Total		107,233	78,032	12,216	16,410	- 559	- 13	- 2		0%
170				.,	, -					_	
171		District Co. 1. D	659,027	470 565	75.070	400.054	2.425		4.5	L	DEM
172 173		Plant GasInvDem	659,027 -	479,565 -	75,079 -	100,851	3,436	83	13	-	100% 0%
174	- Commodity		-	-	-	-	-	-	-	-	0%
175	Total	<u> </u>	659,027	479,565	75,079	100,851	3,436	83	13	-	
176 177	363.3 - Compressor Equipment		338,616								DEM
178		Plant GasInvDem	338,616	246,406	38,576	51,819	1,765	43	7	-	100%
179			-	-	-	-	-	-	-	-	0%
180	- Commodity		-	-	-	-		-		-	0%
181 182	Total		338,616	246,406	38,576	51,819	1,765	43	7	-	
183	Total Other Storage Equipment		1,155,529								
184			1,155,529	840,863	131,642	176,831	6,025	145	22	-	
185			-	-	-	-	-	-	-	-	
186 187	- Commodity Total	-	1,155,529	840,863	131,642	176,831	6,025	145	- 22		
188	8	_	-,,	2 12,222		,	-,				
189 190			41,153								DEM
191	- Demand	D2 Demand	41,153	26,790	4,153	5,882	314	_	30	3,983	100%
192	- Customer		-	-	-,155	-	-	-	-	-	0%
193	- Commodity		-	-	-	-	-	-	-	-	0%
194	Total		41,153	26,790	4,153	5,882	314	-	30	3,983	
195 196	367 - Mains	_	2,013,840								DEM
197		D2_Demand	2,013,840	1,311,002	203,239	287,824	15,354	-	1,490	194,930	100%
198			-	-	-	-	-	-	-	-	0%
199 200	Total		2,013,840	1,311,002	203,239	287,824	15,354	<u>-</u>	1,490	194,930	0%
201 202	371 - Other equipment		9,654							-	DEM
202		D2 Demand	9,654	6,285	974	1,380	74	_	7	934	100%
204		DZ_Demand	-	-	-	-	-	-	-	-	0%
205	- Commodity		-	-	-	-	-	-	-	-	0%
206			9,654	6,285	974	1,380	74	-	7	934	
207	Total Transmission Plant	_	2,064,647								
209		•	2,064,647	1,344,077	208,367	295,086	15,742	-	1,527	199,848	
210	-		-	-	-	-	-	-	-	-	
211	- Commodity Total	_	2,064,647	1,344,077	208,367	295,086	15,742	-	1,527	199,848	
212	IUtai		2,004,047	1,344,077	208,307	293,080	15,742		1,52/	199,848	

	А	В	С	D	E	F	G	Н	ı	J	K
1	Laclede Gas Company				Small	Large	Large		Vehicular		
3	Allocation of Gross Plant	Allocation Factor	Total Company	Residential RS	General Srv SGS	General Srv LGS	Volume LV	Interruptible IN	Fuel VF	Transportation Transp.	Classification Factor
4 213											
213	Distribution Plant										
215	374 - Land & Land Rights		3,040,444							Ī	DIS376-379
216	- Demand	Plant_376-379_D	1,911,945	1,244,669	192,956	273,261	14,577	-	1,414	185,067	63%
217	- Customer	Plant_376-379_C	1,128,499	1,056,947	64,642	6,493	119	36	14	247	37%
218	- Commodity		-	-	-	-		-	-	-	0%
219	Total		3,040,444	2,301,616	257,598	279,754	14,696	36	1,428	185,314	
220 221	375 - Structures & Improvements		14,624,886								DIS376-379
222	- Demand	Plant_376-379_D	9,196,678	5,987,001	928,141	1,314,418	70,119	-	6,803	890,195	63%
223	- Customer	Plant_376-379_C	5,428,209	5,084,039	310,937	31,231	572	174	66	1,189	37%
224	- Commodity		-	-		-		-	-	-	0%
225 226	Total		14,624,886	11,071,040	1,239,078	1,345,649	70,691	174	6,870	891,384	
227	376.1 - Mains - Steel		230,736,646							[DISMAIN
228	- Demand	D2_Demand	143,200,157	93,222,745	14,451,948	20,466,623	1,091,815	-	105,932	13,861,093	62%
229	- Customer	C1_customers	87,536,489	81,986,329	5,014,243	503,631	9,228	2,809	1,072	19,178	38%
230	- Commodity		220 725 547	475 200 07-	40.455.40		-	-	-	42.000.05	0%
231 232	Total		230,736,646	175,209,075	19,466,191	20,970,254	1,101,043	2,809	107,004	13,880,271	
232 233	376.2 - Mains - Cast Iron		21,555,524							ſ	DISMAIN
234	- Demand	D2_Demand	13,377,825	8,708,912	1,350,108	1,912,001	101,998	-	9,896	1,294,910	62%
235	- Customer	C1_customers	8,177,699	7,659,201	468,433	47,049	862	262	100	1,792	38%
236 237	- Commodity		- 24 555 524	46.360.443	4 040 544	4.050.054	402.000	262	- 0.005	4 205 704	0%
	Total		21,555,524	16,368,113	1,818,541	1,959,051	102,860	262	9,996	1,296,701	
238 239	376.3 - Mains - Plastic		451,903,950								DISMAIN
240	- Demand	D2_Demand	280,461,373	182,579,263	28,304,531	40,084,433	2,138,349	-	207,471	27,147,325	62%
241	- Customer	C1_customers	171,442,578	160,572,439	9,820,530	986,375	18,073	5,501	2,099	37,560	38%
242 243	- Commodity Total		451,903,950	343,151,703	38,125,061	41,070,808	2,156,422	5,501	209,570	27,184,885	0%
	Total		431,303,930	343,131,703	38,123,001	41,070,808	2,130,422	3,301	203,370	27,104,003	
244 245	378 - Meas. & Reg. Station - General		12,743,518								DEM
246	- Demand	D2_Demand	12,743,518	8,295,980	1,286,093	1,821,344	97,162	-	9,427	1,233,512	100%
247 248	- Customer		-	-	-	-	-	-	-	-	0%
248	- Commodity Total		12,743,518	8,295,980	1,286,093	1,821,344	97,162	-	9,427	1,233,512	0%
250			12,773,310	5,233,300	2,200,033	2,021,374	37,102		3,721	1,233,312	
251	379 - Meas. & Reg. Station - City Gate		2,844,287								DEM
252	- Demand	D2_Demand	2,844,287	1,851,620	287,049	406,515	21,686	-	2,104	275,313	100%
253 254	- Customer - Commodity		-	-	-	-	-	-	-	-	0% 0%
255	- Commodity Total		2,844,287	1,851,620	287,049	406,515	21,686	-	2,104	275,313	070
256 257				_,5=_,520		,515	,		_,_0 .	5,515	
	380.1 - Services - Steel		38,730,897								CUS
258 259	- Demand	CC :	- 20 720 007	-	2 405 645	-	-	-	-	-	0%
260	- Customer - Commodity	C6_services	38,730,897	35,912,898	2,185,615	572,719 -	18,797	4,970 -	2,000	33,898	100% 0%
261	Total		38,730,897	35,912,898	2,185,615	572,719	18,797	4,970	2,000	33,898	070
262							•		, , ,		
263	380.2 - Services - Plastic	-	645,762,615								CUS
264 265	- Demand	CC nomine		-	-	- 0.549.073	- 242 400		-	-	0%
265	- Customer	C6_services	645,762,615	598,777,948	36,440,892	9,548,972	313,408	82,862	33,343	565,191	100%
266	- Commodity								_	1	0%

	А	В	С	D	E	F	G	Н	I	j	K
2	Laclede Gas Company				Small	Large	Large		Vehicular		
3	Allocation of Gross Plant	Allocation Factor	Total Company	Residential RS	General Srv SGS	General Srv LGS	Volume LV	Interruptible IN	Fuel VF	Transportation Transp.	Classification Factor
4									**		
268 269	204 Matters		120 544 042								CHC
209	381 - Meters - Demand		129,541,012				_		_		CUS 0%
270 271	- Customer	C3_meters	129,541,012	108,212,959	15,325,374	4,754,757	157,061	104,954	23,407	962,499	100%
272	- Commodity	_	-	-	-	-	-	-	-	-	0%
273 274	Total		129,541,012	108,212,959	15,325,374	4,754,757	157,061	104,954	23,407	962,499	
275	383 - House Regulators		25,568,099								CUS
276	- Demand		-	-	-	-	-	-	-	-	0%
277 278	- Customer	C5_Regcus	25,568,099	18,642,965	2,414,255	3,346,994	248,925	109,135	25,220	780,606	100%
279	- Commodity Total		25,568,099	18,642,965	2,414,255	3,346,994	248,925	109,135	25,220	780,606	0%
280 281	.5		23,300,033	10,042,303	2,714,233	3,370,334	240,323	103,133	23,220	750,000	
281	385 - Commercial & Ind Meas & Reg Eq		14,480,417								CUS
282 283	- Demand - Customer	C14 39Ecus	- 14,480,417	-	- 3,006,920	- 8,123,773	- 500,035	- 309,437	- 66,891	2,473,362	0% 100%
284	- Customer - Commodity	C14_385cus	14,460,417	-	3,000,920	0,123,//3	-	309,437 -	-	2,4/3,302	0%
285	Total	•	14,480,417	-	3,006,920	8,123,773	500,035	309,437	66,891	2,473,362	
286 287	386 - Other Property - Customer Premises		22,975								CUS
288	- Demand		- 22,573	_	-	-	-	-	-		0%
289	- Customer	C1_customers	22,975	21,519	1,316	132	2	1	0	5	100%
290	- Commodity		-		-	-		-		-	0%
291 292	Total		22,975	21,519	1,316	132	2	1	0	5	
293	387 - Other Equipment		406,070								CUS
294	- Demand		-	-	-	-	-	-	-	-	0%
295 296	- Customer	Plant_374-386_C	406,070	366,504	27,023	10,053	456	223	56	1,755	100%
297	- Commodity Total		406,070	366,504	27,023	10,053	456	223	- 56	1,755	0%
298 299			,	,	,	-,				, . ,	
300	Total Distribution Plant		1,591,961,341	204 000 404	45,000,025	66 270 506	2 525 706		242.040	44.007.411	
301	- Demand - Customer		463,735,782 1,128,225,559	301,890,191 1,018,293,747	46,800,826 75,080,179	66,278,596 27,932,177	3,535,706 1,267,539	- 620,365	343,049 154,268	44,887,414 4,877,283	
302 303	- Commodity	<u>-</u>		-				-	-		
303	Total		1,591,961,341	1,320,183,939	121,881,005	94,210,773	4,803,245	620,365	497,317	49,764,697	
304 305	General Plant	Ī									
306	389 - Land		10,089								PTD PLANT
307	- Demand	PTD_D	3,129	2,057	319	450	23	0	2	278	31%
308 309	- Customer	PTD_C	6,960	6,281	463	172	8	4	1	30	69%
310	- Commodity Total		10,089	8,338	782	622	31	- 4	3	308	0%
311 312				-,5				•	3	_	
312	390 - Structures & Improvements	272.2	3,031,255	647.06	05.005	405.454	5 000			22.5	PTD PLANT
313 314	- Demand - Customer	PTD_D PTD_C	940,202 2,091,053	617,964 1,887,306	95,886 139,154	135,154 51,769	6,983 2,349	10 1,150	640 286	83,565 9,040	31% 69%
315	- Commodity	115_0		-			-		-	-	0%
316	Total		3,031,255	2,505,270	235,040	186,923	9,332	1,159	926	92,604	
317 318	391 - Furniture & Fixtures		4,008,541								PTD PLANT
319	- Demand	PTD D	1,243,326	817,198	126,800	178,728	9,234	13	847	110,506	31%
320	- Customer	PTD_C	2,765,215	2,495,779	184,017	68,460	3,107	1,520	378	11,954	69%
321	- Commodity		-								0%
322	Total		4,008,541	3,312,977	310,817	247,188	12,341	1,533	1,225	122,460	

	А	В	С	D	E	F	G	Н	I	J	K
1	Laclede Gas Company				Small	Large	Large		Vehicular		
3	Allocation of Gross Plant	Allocation Factor	Total Company	Residential RS	General Srv SGS	General Srv LGS	Volume LV	Interruptible IN	Fuel VF	Transportation Transp.	Classification Factor
4		ractor	company	1.5	363	203	EV		•	rransp.	ractor
323										_	
324	391.1 - Data Processing Systems		12,891,697								PTD PLANT
325 326	- Demand - Customer	PTD_D PTD_C	3,998,608 8,893,089	2,628,156 8,026,566	407,797 591,810	574,799 220,172	29,699 9,991	41 4,890	2,722 1,216	355,394 38,445	31% 69%
327	- Commodity	FID_C	6,655,065	-	-	-	-	4,090	-	30,443	0%
328	Total		12,891,697	10,654,722	999,606	794,971	39,690	4,931	3,938	393,839	
329	2012 Machania Office Facilians		20.550							-	PTD PLANT
330 331	391.2 - Mechanical Office Equipment - Demand	PTD_D	30,559 9,479	6,230	967	1,363	70	0	6	842	31%
332	- Customer	PTD_D PTD_C	21,081	19,027	1,403	522	24	12	3	91	69%
333	- Commodity		-	-	-	-	-	-	-	-	0%
334	Total		30,559	25,257	2,370	1,884	94	12	9	934	
335 336	391.3 - Data Processing Software		34,308,318								PTD PLANT
337	- Demand	PTD D	10,641,384	6,994,238	1,085,258	1,529,696	79,036	110	7,245	945,801	31%
338	- Customer	PTD_C	23,666,934	21,360,880	1,574,967	585,937	26,589	13,013	3,236	102,311	69%
339	- Commodity		-	-	-	-	-	-	-	-	0%
340	Total		34,308,318	28,355,118	2,660,224	2,115,633	105,626	13,123	10,481	1,048,113	
341 342	391.4 - Data Processing Systems		329,979								PTD PLANT
343	- Demand	PTD_D	102,349	67,271	10,438	14,713	760	1	70	9,097	31%
344	- Customer	PTD_C	227,630	205,450	15,148	5,636	256	125	31	984	69%
345 346	- Commodity		329,979	272,721	25,586	20,348	1,016	126	101	10,081	0%
347	Total		329,979	2/2,/21	25,580	20,348	1,016	120	101	10,081	
348	391.5 - Enterprise Software-EIMS		49,116,594								PTD PLANT
349	- Demand	PTD_D	15,234,455	10,013,115	1,553,680	2,189,949	113,150	157	10,372	1,354,031	31%
350 351	- Customer	PTD_C	33,882,138	30,580,737	2,254,759	838,841	38,066	18,630	4,633	146,471	69% 0%
352	- Commodity Total		49,116,594	40,593,853	3,808,440	3,028,790	151,216	18,787	15,005	1,500,503	U%
353 354				.,,	.,,	-,,	,	., .	.,	_	
	392.1 - Transportation Eq - Automobiles		2,932,261								PTD PLANT
355 356	- Demand	PTD_D PTD_C	909,497 2,022,764	597,783 1,825,670	92,755 134,609	130,740 50,079	6,755 2,273	9 1,112	619 277	80,836 8,744	31% 69%
357	- Customer - Commodity	PID_C	2,022,764	1,823,670	134,609	50,079	-	-	-	- 0,744	0%
358	Total		2,932,261	2,423,453	227,364	180,819	9,028	1,122	896	89,580	
359 360	202.2 Transportation For Truste		16 5 47 461							-	PTD PLANT
361	392.2 - Transportation Eq - Trucks - Demand	PTD_D	<u>16,547,461</u> 5,132,513	3,373,435	523,437	737,797	38,120	53	3,494	456,175	31%
362	- Customer	PTD_D PTD_C	11,414,948	10,302,701	759,632	282,607	12,824	6,277	1,561	49,346	69%
363	- Commodity	-	-	-	-	-	<u> </u>	-	-	-	0%
364	Total		16,547,461	13,676,136	1,283,070	1,020,404	50,945	6,329	5,055	505,522	
365 366	393 - Stores Equipment		332,530								PTD PLANT
367	- Demand	PTD_D	103,141	67,791	10,519	14,826	766	1	70	9,167	31%
368	- Customer	PTD_C	229,390	207,038	15,265	5,679	258	126	31	992	69%
369	- Commodity			-	-	-	-	-	-		0%
370 371	Total		332,530	274,829	25,784	20,506	1,024	127	102	10,159	
371 372	394 - Tools, Shop & Garage Equipment		14,615,834								PTD PLANT
373	- Demand	PTD_D	4,533,382	2,979,645	462,335	651,673	33,671	47	3,086	402,925	31%
374	- Customer	PTD_C	10,082,452	9,100,040	670,958	249,618	11,327	5,544	1,379	43,586	69%
375 376	- Commodity Total		14,615,834	12,079,686	1,133,294	901,290	44,998	5,591	4,465	446,511	0%
210	Total		14,013,034	12,073,000	1,133,234	301,230	44,330	3,331	4,403	440,311	

	A A	В	C	D	F	F	G	Н	1 1	ı	K
1	Laclede Gas Company	<u> </u>	C	<u> </u>	Small	Large	Large	**	Vehicular	<u> </u>	K
2		Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
3		Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
4											
378	395 - Laboratory Equipment		306,723								PTD PLANT
379 380 381 382	- Demand	PTD_D	95,136	62,530	9,702	13,676	707	1	65	8,456	31%
380	- Customer	PTD_C	211,587	190,970	14,081	5,238	238	116	29	915	69%
381	- Commodity		-	-	-	-	-	-	-	-	0%
382	2 Total		306,723	253,500	23,783	18,914	944	117	94	9,370	
383										-	
384		_	22,349,910								PTD PLANT
385	- Demand	PTD_D	6,932,254	4,556,347	706,983	996,510	51,488	71	4,720	616,136	31%
386	- Customer	PTD_C	15,417,656	13,915,394	1,026,001	381,704	17,321	8,478	2,108	66,650	69%
387	- Commodity		-	-	-	-	-	-	-	-	0%
388	Total		22,349,910	18,471,740	1,732,984	1,378,214	68,809	8,549	6,828	682,786	
389			4 227 745								CLIC
			1,237,715								CUS
391	- Demand				-	-		-	-		0%
392	- Customer	PTD_C	1,237,715	1,117,115	82,366	30,643	1,391	681	169	5,351	100%
393 394	- Commodity			-			-		- 400		0%
392	Total		1,237,715	1,117,115	82,366	30,643	1,391	681	169	5,351	
396			3,134,059							Г	PTD PLANT
397	- Demand	PTD_D	972,089	638,922	99,138	139,738	7,220	10	662	86,399	31%
398	- Customer	PTD_C	2,161,970	1,951,313	143,873	53,525	2,429	1,189	296	9,346	69%
399	- Commodity		-	-	-	-	-	-	-	-	0%
400	Total		3,134,059	2,590,235	243,011	193,263	9,649	1,199	957	95,745	
401											
402			165,183,526								
403	- Demand		50,850,943	33,422,682	5,186,015	7,309,810	377,683	523	34,621	4,519,609	
404	- Customer		114,332,582	103,192,268	7,608,506	2,830,602	128,450	62,867	15,633	494,256	
405	- Commodity			-	-	-	-	-	-	-	
406	Total		165,183,526	136,614,950	12,794,521	10,140,413	506,133	63,390	50,255	5,013,865	
407			4 000 705 411								
408			1,800,705,111								
409	- Demand		558,139,389	366,846,965	56,921,641	80,232,395	4,145,443	5,745	380,002	49,607,198	
410	- Customer		1,242,565,722	1,121,492,857	82,689,189	30,762,967	1,395,998	683,237	169,903	5,371,572	
-	,		4 000 705 444	- 4 400 220 022	-	-	-	-	-	-	
412	Total		1,800,705,111	1,488,339,822	139,610,830	110,995,362	5,541,441	688,982	549,905	54,978,769	

	A	В	C	D	E	F	G	Н	ı	ı	K
1	Laclede Gas Company	U	Ç	, and the second	Small	Large	Large		Vehicular	,	K
2	Allocation of Accumulated Depreciation	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
3		Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
4		•									
5	Intangible Plant									ı	
6	301 - Organization Costs										NINTPLT
7	- Demand	Plant Nonint_D	-	-	-	-	-	-	-	-	31%
8 9	- Customer	Plant Nonint_C	-	-	-	-	-	-	-	-	69%
10	- Commodity Total	•		<u>:</u>	<u>:</u>	<u> </u>		-		-	0%
11	Total										
12	302 - Franchise and Consents		-								NINTPLT
13	- Demand	Plant Nonint_D	-	-	-	-	-	-	-	-	31%
14	- Customer	Plant Nonint_C	-	-	-	-	-	-	-	-	69%
15	- Commodity	-	-	-	-	-	-	-	-	-	0%
16	Total		-	-	-	-	-	-	-	-	
17 18	303 - Misc. Intangible Plant										
19	- Demand										
20	- Demand - Customer		-	-	-	-	-	-		-	
21 22 23 24	- Commodity		-	-	-	-	-	-	-	-	
22	Total		-	-	-	-	-	-	-	-	
23											
24	Total Intangible Plant										
25 26 27	- Demand		-	-	-	-	-	-	-	-	
26	- Customer		-	-	-	-	-	-	-	-	
27	- Commodity		-	-	-	-	-	-	-	-	
28 29	Total		-	-	-	-	-	-	-	-	
30	Production Plant										
31	304 - Land & Land Rights-Mfg Gas		-								DEM
32	- Demand	Plant GasInvDem	-	-	-	-	-	-	-	-	100%
33	- Customer	-	-	-	-	-	-	-	-	-	0%
34	- Commodity	-	-	-	-	-	-	-	-	-	0%
34 35 36 37	Total		-	-	-	-	-	-	-	-	
36	305 - Structures & Improvements-Mfg Gas		(912,862)							ĺ	DEM
30	- Demand	Plant GasInvDem	(912,862)	(664,278)	(103,997)	(139,696)	(4,759)	(115)	(18)	_	100%
38 39	- Customer	- ant Gasnivbem	(912,862)	(004,278)	(103,997)	(139,696)	(4,759)	(115)	(18)	-	0%
40	- Commodity	_	-	-	-	-	_	-	_	-	0%
41	Total		(912,862)	(664,278)	(103,997)	(139,696)	(4,759)	(115)	(18)	-	
42 43											
43	307 - Other Power Equipment		(175,292)								DEM
44 45 46	- Demand	Plant GasInvDem	(175,292)	(127,558)	(19,970)	(26,825)	(914)	(22)	(3)	-	100%
45	- Customer	-	-	-	-	-	-	-	-	-	0%
46	- Commodity	-	- (17E 202)	- /127 FF9\	(10.070)	(26.025)	(014)	- (22)	- (2)	-	0%
48	Total		(175,292)	(127,558)	(19,970)	(26,825)	(914)	(22)	(3)	-	
49	311 - Propane Equipment-Gas Ops		(3,302,598)							İ	DEM
50	- Demand	Plant GasInvDem	(3,302,598)	(2,403,256)	(376,245)	(505,399)	(17,219)	(416)	(64)	-	100%
51	- Customer	-	-	-	-	-	-	-	-	-	0%
52 53 54	- Commodity	-	-	-	-	-	-	-	-	-	0%
53	Total		(3,302,598)	(2,403,256)	(376,245)	(505,399)	(17,219)	(416)	(64)	-	
54											

	А	В	С	D	E	F	G	Н	1	ı	K
1	Laclede Gas Company	, , ,	- C	U	Small	Large	Large		Vehicular	,	K
2	Allocation of Accumulated Depreciation	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
3		Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
55	311.1 - Propane Storage Cavern-Gas Ops		(5,287,916)							I	DEM
56 57	- Demand	Plant GasInvDem	(5,287,916)	(3,847,946)	(602,420)	(809,213)	(27,569)	(666)	(102)	-	100%
57	- Customer	-	-	-	-	-	-	-	-	-	0%
58	- Commodity	-	- (F 207 016)	- (2.047.046)	(CO2 420)	(809,213)	(27,569)	- (666)	(102)	-	0%
59 60	Total		(5,287,916)	(3,847,946)	(602,420)	(809,213)	(27,569)	(666)	(102)	-	
61	Total Production Plant		(9,678,669)								
62	- Demand		(9,678,669)	(7,043,037)	(1,102,632)	(1,481,133)	(50,461)	(1,218)	(187)	-	
63 64	- Customer - Commodity		-	-	-	-	-	-	-	-	
65	Total		(9,678,669)	(7,043,037)	(1,102,632)	(1,481,133)	(50,461)	(1,218)	(187)	-	
66		-	,	,,,,,		, , ,		, ,	, ,		
67	Underground Storage Plant 350.1 - Land									ī	DEM
68 69		Plant GasInvDem				_				_	100%
70	- Customer		-	-	-	-	-	-	-	-	0%
71	- Commodity	_	-	-	-	-	-	-	-	-	0%
72	Total		-	-	-	-	-	-	-	-	
73 74	350.2 - Rights of Way		(772,160)							I	DEM
75	- Demand	Plant GasInvDem	(772,160)	(561,891)	(87,968)	(118,164)	(4,026)	(97)	(15)	_	100%
76	- Customer	-	-		-	- '-	-	- '	- 1	-	0%
77	- Commodity	-	-	-		-	- (,)	-	-	-	0%
78 79	Total		(772,160)	(561,891)	(87,968)	(118,164)	(4,026)	(97)	(15)	-	
80	351.2 - Compression Station Structure		(788,268)								DEM
81	- Demand	Plant GasInvDem	(788,268)	(573,612)	(89,803)	(120,629)	(4,110)	(99)	(15)	-	100%
82	- Customer	-	-	-	-	-	-	-	-	-	0%
83 84	- Commodity Total	-	(788,268)	(573,612)	(89,803)	(120,629)	(4,110)	(99)	(15)	-	0%
85 86	Total		(700,200)	(373,012)	(65,665)	(120,025)	(4,110)	(55)	(13)		
86			(993,167)								DEM
87	- Demand	Plant GasInvDem	(993,167)	(722,714)	(113,145)	(151,985)	(5,178)	(125)	(19)	-	100%
88 89	- Customer - Commodity	-	-	-	-	-	-	-	-	-	0% 0%
90	Total		(993,167)	(722,714)	(113,145)	(151,985)	(5,178)	(125)	(19)	-	0/3
90 91 92	252 Wells									ı	D
		Plant GasInvDem	(6,451,938)	(4 504 000)	(725.020)	(007.244)	(22.620)	(012)	/135\	_	DEM 100%
94	- Demand - Customer	- ridiit GasiiivDem	(6,451,938) -	(4,694,989)	(735,030) -	(987,344) -	(33,638)	(812)	(125)	-	0%
95	- Commodity	_	-		-	-	-	-		-	0%
93 94 95 96 97	Total		(6,451,938)	(4,694,989)	(735,030)	(987,344)	(33,638)	(812)	(125)	-	
98	352.1 - Storage Leaseholds & Rights		(2,050,552)							Ī	DEM
99	- Demand	Plant GasInvDem	(2,050,552)	(1,492,159)	(233,607)	(313,797)	(10,691)	(258)	(40)	-	100%
100	- Customer	-	-	-	-	-	-	-	-	-	0%
101	- Commodity	-			- (05)	- (0:)		-		-	0%
102 103	Total		(2,050,552)	(1,492,159)	(233,607)	(313,797)	(10,691)	(258)	(40)	-	
104			(203,408)							j	DEM
105		Plant GasInvDem	(203,408)	(148,018)	(23,173)	(31,128)	(1,061)	(26)	(4)	-	100%
106		-	-	-	-	-	-	-	-	-	0%
107		-	(203,408)	(148,018)	(23,173)	(31,128)	(1,061)	(26)	- (4)	-	0%
100			(200,400)	(170,010)	(23,173)	(31,120)	(1,001)	(20)	(4)	_	

	Α	В	С	D	E	F	G	Н		J	K
1	Laclede Gas Company				Small	Large	Large		Vehicular		
2	Allocation of Accumulated Depreciation	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
3		Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
4	2522 11 22 12		(2.052.222)								2514
110 111	-	N . O . I D	(2,852,233)	(2.075.524)	(224.222)	(405.470)	(44.074)	(250)	(55)		DEM
112	- Demand - Customer	Plant GasInvDem	(2,852,233)	(2,075,531)	(324,938)	(436,479)	(14,871)	(359)	(55)	-	100% 0%
113			-	-	-	-	-	-	-	-	0%
114			(2,852,233)	(2,075,531)	(324,938)	(436,479)	(14,871)	(359)	(55)	_	070
115			(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	() / - /	(- ,,	(, -,	(/- /	(/	(,		Į.
116			(572,923)								DEM
117		Plant GasInvDem	(572,923)	(416,908)	(65,270)	(87,675)	(2,987)	(72)	(11)	-	100%
118	- Customer	-	-	-	-	-	-	-	-	-	0%
119 120	- Commodity	-	- (572,022)	- (416,000)	- (65.370)	- (97.675)	(2.007)	- (72)	- (11)	-	0%
121	Total		(572,923)	(416,908)	(65,270)	(87,675)	(2,987)	(72)	(11)	-	ļ
121	353 - Lines		(2,558,386)								DEM
123	- Demand	Plant GasInvDem	(2,558,386)	(1,861,703)	(291,461)	(391,511)	(13,339)	(322)	(49)	-	100%
124	- Customer	-	-	-	· · · ·	-	-	- '		-	0%
125	- Commodity	-	-	-	-	-	-	-	-	-	0%
126 127	Total		(2,558,386)	(1,861,703)	(291,461)	(391,511)	(13,339)	(322)	(49)	-	Į.
128	354 - Compressor Station Equipment		(2,533,298)								DEM
	- Demand	Plant GasInvDem	(2,533,298)	(1,843,447)	(288,603)	(387,672)	(13,208)	(319)	(49)		100%
129 130	- Customer		(2,333,230)	(1,043,447)	(200,003)	(307,072)	(13,200)	(313)	(43)	_	0%
131	- Commodity		-		-		-	-	-	-	0%
132	Total		(2,533,298)	(1,843,447)	(288,603)	(387,672)	(13,208)	(319)	(49)	-	
133											
134	355 - Measuring & Regulating Equipment		(2,209,556)								DEM
135 136	- Demand	Plant GasInvDem	(2,209,556)	(1,607,864)	(251,721)	(338,130)	(11,520)	(278)	(43)	-	100%
136	- Customer - Commodity	-	-	-	-	-	-	-	-	-	0% 0%
138	Total	-	(2,209,556)	(1,607,864)	(251,721)	(338,130)	(11,520)	(278)	(43)		0%
139			(2,203,330)	(1,007,001,	(232), 22)	(550)150)	(11,520)	(270)	(13)		Į.
140	356 - Purification Equipment		(250,680)								DEM
141	- Demand	Plant GasInvDem	(250,680)	(182,416)	(28,558)	(38,362)	(1,307)	(32)	(5)	-	100%
142		-	-	-	-	-	-	-	-	-	0%
143 144	- Commodity	-	(250,690)	(102.446)	(20.550)	- (20.252)	- (1.207)	- (22)	- (5)	-	0%
144	Total		(250,680)	(182,416)	(28,558)	(38,362)	(1,307)	(32)	(5)	-	
146	357 - Other Equipment		(42,803)								DEM
147	- Demand	Plant GasInvDem	(42,803)	(31,147)	(4,876)	(6,550)	(223)	(5)	(1)	-	100%
148	- Customer	-	-	-	-	-	-	-	- '	-	0%
149	- Commodity	-	-	-	-	-	-	-	-	-	0%
150	Total		(42,803)	(31,147)	(4,876)	(6,550)	(223)	(5)	(1)	-	
151 152	Total Underground Storage Plant		(22,279,370)								
153	- Demand		(22,279,370)	(16,212,399)	(2,538,153)	(3,409,426)	(116,157)	(2,804)	(431)	_	ļ
154	- Customer		(22,279,370)	(10,212,399)	(2,538,153)	(3,409,420)	(110,157)	(2,804)	(431)	-	ļ
155	- Commodity		-	-	-	-	-	-		-	ļ
156			(22,279,370)	(16,212,399)	(2,538,153)	(3,409,426)	(116,157)	(2,804)	(431)	-	ļ
157											

	Α	В	С	D	E	F	G	н	1 1	J	K
1	Laclede Gas Company				Small	Large	Large		Vehicular		
3	Allocation of Accumulated Depreciation	Allocation Factor	Total Company	Residential RS	General Srv SGS	General Srv LGS	Volume LV	Interruptible IN	Fuel VF	Transportation Transp.	Classification Factor
4		ractor	Company	it3	303	203	LV	ii.	· · ·	Transp.	ructor
158	Other Storage Equipment									-	
159 160	360 - Land & Land Rights	Diamet Cardina Dame									DEM 100%
161	- Demand - Customer	Plant GasInvDem	-	-	-	-	-	-	-	-	100% 0%
162	- Commodity	-	-	-	-	-	-	-	-	-	0%
163 164	Total		-	-	-	-	-	-	-	-	
165	361 - Structures & Improvements		(343,322)								DEM
166	- Demand	Plant GasInvDem	(343,322)	(249,831)	(39,113)	(52,539)	(1,790)	(43)	(7)	-	100%
167	- Customer	-	-	-	-	-	-	-	-	-	0%
168	- Commodity	-	(242 222)	(240 924)	(20.112)	(52.520)	- (1.700)	- (42)	- (7)	-	0%
168 169 170	Total		(343,322)	(249,831)	(39,113)	(52,539)	(1,790)	(43)	(7)	-	
171	362 - Gas Holders		(5,851,325)								DEM
172	- Demand	Plant GasInvDem	(5,851,325)	(4,257,931)	(666,606)	(895,432)	(30,507)	(737)	(113)	-	100%
173 174	- Customer - Commodity	-	-	-	-	-	-	-	-	- 1	0% 0%
175	- Commodity Total	-	(5,851,325)	(4,257,931)	(666,606)	(895,432)	(30,507)	(737)	(113)	-	0/6
176				. , - ,,	//	,	,,	/	/	_	
177	363.3 - Compressor Equipment		(523,423)								DEM
178 179	- Demand - Customer	Plant GasInvDem	(523,423) -	(380,888)	(59,630)	(80,100)	(2,729)	(66)	(10) -	-	100% 0%
180	- Commodity		-	-	-	-	-	-	-		0%
181	Total		(523,423)	(380,888)	(59,630)	(80,100)	(2,729)	(66)	(10)	-	
182 183	Total Other Storage Equipment		(6,718,070)								
184	- Demand		(6,718,070)	(4,888,650)	(765,349)	(1,028,070)	(35,026)	(846)	(130)		
185	- Customer		(0,713,070)	(4,000,050)	(703,343)	(1,020,070)	(55,626)	(040)	-	-	
186	- Commodity		-	-	-		-	-	-	-	
187 188	Total		(6,718,070)								
189	Transmission Plant										
190	365.2 - Rights-of-Way										DEM
191	- Demand	D2_Demand	-	-	-	-	-	-	-	-	100%
192 193	- Customer	-	-	-	-	-	-	-	-	-	0% 0%
194	- Commodity Total	-	-	-	-		-			- 1	υ%
195 196										_	
196	367 - Mains		(1,980,146)		,		/·			,	DEM
197 198	- Demand - Customer	D2_Demand	(1,980,146)	(1,289,068)	(199,839)	(283,009)	(15,097)	-	(1,465)	(191,669)	100% 0%
199	- Customer - Commodity		-	-	-	-	-	-	-		0%
200	Total		(1,980,146)	(1,289,068)	(199,839)	(283,009)	(15,097)	-	(1,465)	(191,669)	
201 202	371 - Other equipment		64,156								DEM
203	- Demand	D2_Demand	64,156	41,765	6,475	9,169	489	-	47	6,210	100%
204	- Customer	-	-	-	-	-	-	-	-	-	0%
205	- Commodity	-	-				-	-	<u> </u>	-	0%
206 207	Total		64,156	41,765	6,475	9,169	489	-	47	6,210	
208	Total Transmission Plant		(1,915,991)								
209	- Demand		(1,915,991)	(1,247,303)	(193,364)	(273,840)	(14,608)	-	(1,417)	(185,459)	
210	- Customer		•	-	-	-	-	-	-	-	
211 212	- Commodity Total		(1,915,991)	- (1,247,303)	- (193,364)	- (273,840)	- (14,608)	-	- (1,417)	- (185,459)	
212	IUldi		(1,915,991)	(1,247,303)	(193,364)	(2/3,840)	(14,608)	-	(1,41/)	(185,459)	

	А	В	С	D	E	F	G	Н	ı	J	K
1	Laclede Gas Company				Small	Large	Large		Vehicular		
3	Allocation of Accumulated Depreciation	Allocation Factor	Total Company	Residential RS	General Srv SGS	General Srv LGS	Volume LV	Interruptible IN	Fuel VF	Transportation Transp.	Classification Factor
4 213											
214	Distribution Plant										
215	374 - Land & Land Rights		(19,361)								DIS376-379
216	- Demand	Plant_376-379_D	(12,175)	(7,926)	(1,229)	(1,740)	(93)	-	(9)	(1,178)	63%
217	- Customer	Plant_376-379_C	(7,186)	(6,730)	(412)	(41)	(1)	(0)	(0)	(2)	37%
218	- Commodity	-	-	-	-	-	-	-	-	-	0%
219 220	Total		(19,361)	(14,656)	(1,640)	(1,781)	(94)	(0)	(9)	(1,180)	
221	375 - Structures & Improvements		(1,693,135)								DIS376-379
222	- Demand	Plant_376-379_D	(1,064,707)	(693,120)	(107,452)	(152,171)	(8,118)	-	(788)	(103,059)	63%
223	- Customer	Plant_376-379_C	(628,428)	(588,583)	(35,997)	(3,616)	(66)	(20)	(8)	(138)	37%
224 225	- Commodity	-	- (4.502.425)	- (4 204 702)	- (4.42.440)	- (455.707)	- (0.404)	- (20)	- (705)	- (402.406)	0%
226	Total		(1,693,135)	(1,281,703)	(143,449)	(155,787)	(8,184)	(20)	(795)	(103,196)	
227	376.1 - Mains - Steel		(138,181,069)								DISMAIN
228	- Demand	D2_Demand	(85,758,162)	(55,828,230)	(8,654,827)	(12,256,830)	(653,854)	-	(63,440)	(8,300,981)	62%
229	- Customer	C1_customers	(52,422,907)	(49,099,087)	(3,002,876)	(301,609)	(5,526)	(1,682)	(642)	(11,485)	38%
230 231	- Commodity	-	- (420 404 000)	(404 027 247)	(11 657 702)	- (42.550.420)	(CEO 204)	- (4.003)	- (CA 004)	- (0.343.455)	0%
	Total		(138,181,069)	(104,927,317)	(11,657,702)	(12,558,439)	(659,381)	(1,682)	(64,081)	(8,312,466)	
232 233	376.2 - Mains - Cast Iron		(1,966,041)								DISMAIN
234	- Demand	D2_Demand	(1,220,167)	(794,324)	(123,141)	(174,390)	(9,303)	-	(903)	(118,106)	62%
235	- Customer	C1_customers	(745,873)	(698,582)	(42,725)	(4,291)	(79)	(24)	(9)	(163)	38%
236 237	- Commodity Total	-	(1,966,041)	(1,492,906)	(165,866)	(178,682)	(9,382)	(24)	(912)	(118,270)	0%
	Total		(1,500,041)	(1,492,900)	(103,800)	(178,082)	(9,362)	(24)	(912)	(118,270)	
238 239	376.3 - Mains - Plastic		(78,174,794)								DISMAIN
240	- Demand	D2_Demand	(48,516,969)	(31,584,358)	(4,896,396)	(6,934,200)	(369,913)	-	(35,890)	(4,696,211)	62%
241 242	- Customer	C1_customers	(29,657,825)	(27,777,401)	(1,698,852)	(170,633)	(3,126)	(952)	(363)	(6,498)	38%
243	- Commodity Total	-	(78,174,794)	(59,361,760)	(6,595,248)	(7,104,833)	(373,039)	(952)	(36,254)	(4,702,709)	0%
244 245			(10,211,731)	(33,301,700)	(0,555,210)	(7)20 1,000)	(373,033)	(332)	(55,25.)	(1,702,703)	
245	378 - Meas. & Reg. Station - General		(851,327)								DEM
246	- Demand	D2_Demand	(851,327)	(554,211)	(85,917)	(121,674)	(6,491)	-	(630)	(82,404)	100%
247 248	- Customer	-	-	-	-	-	-	-	-	-	0% 0%
248	- Commodity Total	-	(851,327)	(554,211)	(85,917)	(121,674)	(6,491)	<u> </u>	(630)	(82,404)	U%
250			(001,027)	(33.)222)	(55,52.)	()0	(0, .52)		(000)	(02) .04)	
251	379 - Meas. & Reg. Station - City Gate		(876,089)								DEM
252 253	- Demand	D2_Demand	(876,089)	(570,331)	(88,416)	(125,213)	(6,680)	-	(648)	(84,801)	100%
253 254	- Customer - Commodity	-	-	-	-	-	-	-	-		0% 0%
255	Total	-	(876,089)	(570,331)	(88,416)	(125,213)	(6,680)	-	(648)	(84,801)	0/0
256 257	200 1 Caminas Steel		/26 075 776								CLIC
257	380.1 - Services - Steel - Demand		(36,075,778)	-	_	_	-	_	-		CUS 0%
259	- Demand - Customer	- C6_services	- (36,075,778)	(33,450,962)	- (2,035,785)	- (533,457)	- (17,509)	(4,629)	(1,863)	(31,575)	100%
260	- Commodity	-	-	-	(2,000,700)	(555,457)	-	-	- (1,555)	(31,3,3)	0%
261	Total		(36,075,778)	(33,450,962)	(2,035,785)	(533,457)	(17,509)	(4,629)	(1,863)	(31,575)	
262 263	380.2 - Services - Plastic		(245,081,235)								CUS
264	- Demand		(243,001,233)		_						0%
265	- Customer	C6_services	(245,081,235)	- (227,249,512)	(13,830,127)	(3,624,046)	(118,945)	(31,448)	(12,654)	(214,503)	100%
266	- Commodity	-						-			0%
267	Total		(245,081,235)	(227,249,512)	(13,830,127)	(3,624,046)	(118,945)	(31,448)	(12,654)	(214,503)	

П	А	В	С	D	Ē	F	G	Н	I	J	K
_	aclede Gas Company	Allogation	Total	Residential	Small General Srv	Large General Srv	Large Volume	lukowa wai bio	Vehicular	Tunnanautatian	Classification
3	Allocation of Accumulated Depreciation	Allocation Factor	Total Company	RS	SGS	LGS	LV	Interruptible IN	Fuel VF	Transportation Transp.	Classification Factor
4											
268 269	381 - Meters		(30,286,296)								CUS
270	- Demand	-	-	-	-	-	-	-	-	-	0%
271 272	- Customer - Commodity	C3_meters	(30,286,296)	(25,299,862)	(3,583,026)	(1,111,648)	(36,720)	(24,538)	(5,473)	(225,029)	100% 0%
273	Total		(30,286,296)	(25,299,862)	(3,583,026)	(1,111,648)	(36,720)	(24,538)	(5,473)	(225,029)	5,0
274 275	383 - House Regulators		(11,032,284)								CUS
276	- Demand	-	-	-	-	-	-	-	-	-	0%
277 278	- Customer	C5_Regcus	(11,032,284)	(8,044,183)	(1,041,718)	(1,444,182)	(107,408)	(47,090)	(10,882)	(336,821)	100%
279	- Commodity Total	-	(11,032,284)	(8,044,183)	(1,041,718)	(1,444,182)	(107,408)	(47,090)	(10,882)	(336,821)	0%
280											CHE
281	385 - Commercial & Ind Meas & Reg Eq - Demand	-	(5,778,276)	-	-	-	-	-	-		CUS 0%
283	- Customer	C14_385cus	(5,778,276)	-	(1,199,883)	(3,241,716)	(199,534)	(123,478)	(26,692)	(986,972)	100%
284 285	- Commodity Total	-	(5,778,276)	-	(1,199,883)	(3,241,716)	(199,534)	(123,478)	(26,692)	(986,972)	0%
286 287	Total		(3,778,270)	-	(1,155,003)	(3,241,710)	(199,334)	(123,476)	(20,092)	(980,972)	
287	386 - Other Property - Customer Premises		(166,416)								CUS
288 289	- Demand - Customer	- C1_customers	- (166,416)	- (155,865)	- (9,533)	- (957)	- (18)	- (5)	(2)	(36)	0% 100%
290	- Commodity	-	-	-	-	-	-	-	-	-	0%
291 · 292	Total		(166,416)	(155,865)	(9,533)	(957)	(18)	(5)	(2)	(36)	
293	387 - Other Equipment		(391,291)								CUS
294 295	- Demand - Customer	- Plant_374-386_C	- (391,291)	- (353,164)	- (26,039)	- (9,687)	- (440)	- (215)	- (54)	(1,692)	0% 100%
296	- Commodity	- Fiant_374-380_C	(391,291)	(333,104)	(20,033)	(5,087)	(440)	(213)	(34)	(1,092)	0%
	Total		(391,291)	(353,164)	(26,039)	(9,687)	(440)	(215)	(54)	(1,692)	
298 299	Total Distribution Plant		(550,573,392)								
300	- Demand		(138,299,597)	(90,032,500)	(13,957,377)	(19,766,219)	(1,054,451)	-	(102,307)	(13,386,742)	
301 302	- Customer - Commodity		(412,273,795)	(372,723,932)	(26,506,972)	(10,445,884)	(489,372)	(234,082)	(58,642)	(1,814,912)	
303	Total	-	(550,573,392)	(462,756,432)	(40,464,349)	(30,212,103)	(1,543,823)	(234,082)	(160,949)	(15,201,654)	
304 305	General Plant										
306	389 - Land										PTD PLANT
307 308	- Demand	PTD_D	-	-	-	-	-	-	-	-	31% 69%
308	- Customer - Commodity	PTD_C -	-	-	-	-	-	-	-	-	69% 0%
	Total		-	-	-	-	-	-	-	-	
311 312	390 - Structures & Improvements		(464,679)								PTD PLANT
313	- Demand	PTD_D	(144,129)	(94,731)	(14,699)	(20,719)	(1,070)	(1)	(98)	(12,810)	31%
314 315	- Customer - Commodity	PTD_C	(320,550)	(289,316)	(21,332)	(7,936)	(360)	(176)	(44)	(1,386)	69% 0%
316	Total		(464,679)	(384,048)	(36,031)	(28,655)	(1,431)	(178)	(142)	(14,196)	5/0
317 318	391 - Furniture & Fixtures		2,401,812								PTD PLANT
_	- Demand	PTD_D	744,968	489,644	75,975	107,089	5,533	8	507	66,212	31%
319											
319 320 321	- Customer - Commodity	PTD_C	1,656,844	1,495,405	110,258	41,020	1,861	911	227	7,162	69% 0%

	A	В	С	D	E	F	G	Н	1 1	1	K
1	Laclede Gas Company	D .			Small	Large	Large		Vehicular	,	iX.
2	Allocation of Accumulated Depreciation	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
3		Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
4 323											
324	391.1 - Data Processing Systems		(11,644,788)							Í	PTD PLANT
325	- Demand	PTD D	(3,611,855)	(2,373,955)	(368,354)	(519,203)	(26,826)	(37)	(2,459)	(321,020)	31%
326	- Customer	PTD_C	(8,032,933)	(7,250,222)	(534,569)	(198,876)	(9,025)	(4,417)	(1,098)	(34,726)	69%
327	- Commodity	-	-		-	-	-		-	-	0%
328	Total		(11,644,788)	(9,624,177)	(902,922)	(718,079)	(35,851)	(4,454)	(3,557)	(355,746)	
329 330	391.2 - Mechanical Office Equipment		241,580								PTD PLANT
331	- Demand	PTD_D	74,931	49,249	7,642	10,771	557	1	51	6,660	31%
332	- Customer	PTD_C	166,649	150,411	11,090	4,126	187	92	23	720	69%
333	- Commodity	-						-			0%
334 335	Total		241,580	199,661	18,732	14,897	744	92	74	7,380	
336	391.3 - Data Processing Software		(27,947,380)								PTD PLANT
337	- Demand	PTD_D	(8,668,417)	(5,697,470)	(884,045)	(1,246,083)	(64,383)	(89)	(5,902)	(770,445)	31%
338	- Customer	PTD_C	(19,278,963)	(17,400,463)	(1,282,960)	(477,301)	(21,660)	(10,601)	(2,636)	(83,342)	69%
339	- Commodity Total	-	- (27.047.200)	- (22.007.024)	(2.167.005)	(1 733 304)	- (9C 042)	(10.000)	- (0.530)	(053.707)	0%
340 341 342	10tai		(27,947,380)	(23,097,934)	(2,167,005)	(1,723,384)	(86,042)	(10,690)	(8,538)	(853,787)	
342	391.4 - Data Processing Systems		903,381								PTD PLANT
343	- Demand	PTD_D	280,201	184,167	28,576	40,279	2,081	3	191	24,904	31%
344	- Customer	PTD_C	623,180	562,458	41,471	15,428	700	343	85	2,694	69%
345 346	- Commodity Total	-	903,381	746,625	70,047	55,707	2,781	346	276	27,598	0%
347	Total		303,361	740,023	70,047	33,707	2,761	340	270	27,336	
347 348	391.5 - Enterprise Software-EIMS		(11,890,202)								PTD PLANT
349 350	- Demand	PTD_D	(3,687,975)	(2,423,987)	(376,117)	(530,145)	(27,392)	(38)	(2,511)	(327,786)	31%
350 351	- Customer	PTD_C	(8,202,228)	(7,403,021)	(545,835)	(203,068)	(9,215)	(4,510)	(1,122)	(35,458)	69%
352	- Commodity Total	-	(11,890,202)	(9,827,007)	(921,952)	(733,213)	(36,607)	(4,548)	(3,632)	(363,243)	0%
353 354	1000			(3)027,007	(322,332)	(755)215)	(30,007)	(1,510)	(5,552)	(303)213)	
	392.1 - Transportation Eq - Automobiles		(1,817,056)								PTD PLANT
355	- Demand	PTD_D	(563,595)	(370,433)	(57,478)	(81,017)	(4,186)	(6)	(384)	(50,092)	31%
356 357	- Customer - Commodity	PTD_C	(1,253,461)	(1,131,327)	(83,414)	(31,033)	(1,408)	(689)	(171)	(5,419)	69% 0%
358	Total	-	(1,817,056)	(1,501,760)	(140,892)	(112,049)	(5,594)	(695)	(555)	(55,511)	070
359					, , , , ,	,,	, ,	,,	, ,	, ,- ,	
360	392.2 - Transportation Eq - Trucks		(5,203,901)		,						PTD PLANT
361 362	- Demand - Customer	PTD_D PTD_C	(1,614,090)	(1,060,889)	(164,612)	(232,025)	(11,988)	(17)	(1,099)	(143,460)	31% 69%
363	- Customer - Commodity	PID_C -	(3,589,811)	(3,240,028)	(238,892)	(88,875)	(4,033)	(1,974)	(491)	(15,519)	0%
364	Total		(5,203,901)	(4,300,917)	(403,504)	(320,900)	(16,021)	(1,991)	(1,590)	(158,978)	
365 366											
366	393 - Stores Equipment		(260,864)			44.4.0.4					PTD PLANT
367 368	- Demand - Customer	PTD_D PTD_C	(80,912) (179,952)	(53,181) (162,418)	(8,252) (11,975)	(11,631) (4,455)	(601) (202)	(1) (99)	(55) (25)	(7,191) (778)	31% 69%
369	- Customer - Commodity	FID_C -	(1/3,332)	(102,418)	(11,9/5)	(4,455)	(202)	(99)	(25)	(778)	0%
369 370 371	Total		(260,864)	(215,598)	(20,227)	(16,086)	(803)	(100)	(80)	(7,969)	
371											272 21 4417
372	394 - Tools, Shop & Garage Equipment	DTC 5	(3,323,099)	(577 454)	/***	440.45	/a c=='	14.01	(30-1	104.5:-1	PTD PLANT
373 374	- Demand - Customer	PTD_D PTD_C	(1,030,723) (2,292,376)	(677,461) (2,069,012)	(105,118) (152,551)	(148,166) (56,754)	(7,655) (2,575)	(11) (1,260)	(702) (313)	(91,610) (9,910)	31% 69%
374 375	- Customer - Commodity		(2,292,370)	(2,003,012)	(132,331)	(50,754)	(2,3/3)	(1,200)	(313)	(5,910)	0%
376	Total		(3,323,099)	(2,746,472)	(257,669)	(204,920)	(10,231)	(1,271)	(1,015)	(101,520)	
377					. ,	,			* *		

	A	В	C	D	F	F	G	н	1	1	K
1	Laclede Gas Company	ь		, i	Small	Large	Large	, i	Vehicular	,	K
2	Allocation of Accumulated Depreciation	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
3	7 modulion of 7 total marities 3 cp. colorion	Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
4											
378	395 - Laboratory Equipment		(150,649)								PTD PLANT
379	- Demand	PTD_D	(46,727)	(30,712)	(4,765)	(6,717)	(347)	(0)	(32)	(4,153)	31%
380 381	- Customer	PTD_C	(103,922)	(93,796)	(6,916)	(2,573)	(117)	(57)	(14)	(449)	69%
381	- Commodity	-	-	-	-	-	-	-	-	-	0%
382	Total		(150,649)	(124,508)	(11,681)	(9,290)	(464)	(58)	(46)	(4,602)	
383 384	396 - Power Operated Equipment		(14,246,526)								PTD PLANT
385		PTD D	(4,418,834)	(2.004.257)	(450,653)	(635,206)	(32,820)	(45)	(3,009)	(392,744)	31%
386	- Demand - Customer	PTD_D PTD_C	(4,418,834)	(2,904,357) (8,870,104)	(654,005)	(243,310)	(32,820)	(5,404)	(3,009)	(42,485)	31% 69%
386 387 388	- Commodity	- FID_C	(5,027,055)	(8,870,104)	(034,003)	(245,510)	(11,041)	(3,404)	(1,544)	(42,463)	0%
388	Total		(14,246,526)	(11,774,461)	(1,104,658)	(878,517)	(43,861)	(5,449)	(4,352)	(435,229)	070
389			(, -,,	(, , , , ,	(, - ,,	(/- /	(-, ,	(-, -,	() /	(, -,	
390	397.0 - Communication Equipment		(894,175)								CUS
391	- Demand	-	-	-	-	-	-	-	-	-	0%
392	- Customer	PTD_C	(894,175)	(807,048)	(59,505)	(22,138)	(1,005)	(492)	(122)	(3,865)	100%
392 393 394	- Commodity	-	-	-	-	-	-	-	-	-	0%
394	Total		(894,175)	(807,048)	(59,505)	(22,138)	(1,005)	(492)	(122)	(3,865)	
395 396	398 - Miscellaneous Equipment		100.150							_	PTD PLANT
397		070.0	109,158	22.252	2 452	4.067	254	0	22	2 000	31%
398	- Demand - Customer	PTD_D PTD_C	33,858 75,301	22,253 67,964	3,453 5,011	4,867 1,864	251 85	41	23 10	3,009 326	31% 69%
399	- Customer - Commodity	PID_C	75,301	67,964	5,011	-	-	- 41	-	320	0%
400	Total		109,158	90,217	8,464	6,731	336	42	33	3,335	070
401	1000.		103,130	30,217	0, 10 1	0,731	550		33	3,333	
402	Total General Plant		(74,187,388)								
403	- Demand		(22,733,299)	(14,941,863)	(2,318,447)	(3,267,906)	(168,846)	(234)	(15,478)	(2,020,525)	
404 405	- Customer		(51,454,089)	(46,440,516)	(3,424,122)	(1,273,881)	(57,808)	(28,293)	(7,036)	(222,434)	
405	- Commodity	_	-	-	-	-	-	-	-	-	
406	Total		(74,187,388)	(61,382,379)	(5,742,570)	(4,541,787)	(226,654)	(28,527)	(22,513)	(2,242,960)	
407			/CCE 2E2 000\								
408		г	(665,352,880)	(40.4.055.754)	(20.075.000)	(20.225.524)	(4.400.540)	(5.400)	(440.055)	(45 500 75 -)	
409 410			(201,624,995)	(134,365,751)	(20,875,323)	(29,226,594)	(1,439,549)	(5,102)	(119,950)	(15,592,726)	
411	- Customer - Commodity		(463,727,884)	(419,164,448)	(29,931,094)	(11,719,765)	(547,179) -	(262,375)	(65,677) -	(2,037,347)	
	Total		(665,352,880)	(553,530,199)	(50,806,417)	(40,946,358)	(1,986,729)	(267,477)	(185,627)	(17,630,073)	
712	1000		(003,332,000)	(333,330,133)	(30,000,417)	(30,540,550)	(1,300,723)	(207,477)	(103,027)	(17,030,073)	

	A	В	С	D	E	F	G	Н	1	J	K
1	Laclede Gas Company				Small	Large	Large		Vehicular		
2	Allocation of Rate Base	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
3		Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
5	Net Plant in Service	1									
6	Total Gas Utility Plant	1									
7	- Demand		558,139,389	366,846,965	56,921,641	80,232,395	4,145,443	5,745	380,002	49,607,198	
8	- Customer		1,242,565,722	1,121,492,857	82,689,189	30,762,967	1,395,998	683,237	169,903	5,371,572	
9	- Commodity	-	-	-	-		-	-	-		
10	Total		1,800,705,111	1,488,339,822	139,610,830	110,995,362	5,541,441	688,982	549,905	54,978,769	
11 12	Total Assumulated Democratical										
13	Total Accumulated Depreciation		(204 (24 005)	(424.265.754)	(20.075.222)	(20.226.504)	(4.420.540)	(5.402)	(440.050)	(45 502 725)	
14	- Demand - Customer		(201,624,995) (463,727,884)	(134,365,751) (419,164,448)	(20,875,323) (29,931,094)	(29,226,594) (11,719,765)	(1,439,549) (547,179)	(5,102) (262,375)	(119,950)	(15,592,726) (2,037,347)	
15	- Commodity		(403,727,004)	(413,104,440)	(23,331,034)	(11,/13,/03)	(547,173)	(202,373)	(65,677) -	(2,037,347)	
16	Total	-	(665,352,880)	(553,530,199)	(50,806,417)	(40,946,358)	(1,986,729)	(267,477)	(185,627)	(17,630,073)	
17					,		, , , ,	, , ,	,		
18	Net Plant in Service										
19	- Demand		356,514,393	232,481,214	36,046,318	51,005,801	2,705,893	643	260,052	34,014,472	
20	- Customer		778,837,838	702,328,409	52,758,096	19,043,202	848,818	420,862	104,226	3,334,225	
21 22	- Commodity	-	4 425 252 224			70.040.004	2 554 742	424 505	- 264 270	27 240 607	
23	Total		1,135,352,231	934,809,622	88,804,414	70,049,004	3,554,712	421,505	364,278	37,348,697	
24	Construction Work in Progress	1									
25	Construction Work in Progress	J	33,904,678								NINTPLT
26	- Demand	D2_Demand	10,508,959	6,841,292	1,060,578	1,501,974	80,124	-	7,774	1,017,217	31%
27	- Customer	Plant Dist_C	23,395,719	21,116,092	1,556,918	579,222	26,285	12,864	3,199	101,139	69%
28	- Commodity		-	-	-	-	-	-	-	-	0%
29	Total		33,904,678	27,957,384	2,617,496	2,081,196	106,409	12,864	10,973	1,118,356	
30 31	Net Plant in Service										
32	- Demand		367,023,353	239,322,505	37,106,896	52,507,775	2,786,018	643	267,826	35,031,689	
33	- Customer		802,233,557	723,444,501	54,315,014	19,622,425	875,103	433,726	107,425	3,435,364	
34	- Commodity		-	-	-	-	-	-	-	-	
35	Total	•	1,169,256,909	962,767,006	91,421,910	72,130,200	3,661,121	434,369	375,251	38,467,053	
36		•									
37	Additions to Utility Plant		4 422 622							=	TOTAL
38	Materials and Supplies	Direct T : 1 C	4,422,930	604.053	422.242	407.000	40.400		222	424.045	TOTPLT
39 40	- Demand	Plant_Total_D	1,370,914	901,057	139,812	197,069	10,182	14	933 417	121,846	31% 69%
41	- Customer- Commodity	Plant_Total_C	3,052,016	2,754,635	203,103	75,561 -	3,429	1,678	41/	13,194	69% 0%
42	Total		4,422,930	3,655,692	342,915	272,629	13,611	1,692	1,351	135,040	070
43					•	•			•		
44	Gas Inventory - Volumes and Price		68,077,170								DEM
45	- Demand	Plant GasInvDem	68,077,170	49,538,844	7,755,618	10,417,892	354,931	8,569	1,316	-	100%
46	- Customer		-	-	-	-	-	-	-	-	0%
47 48	- Commodity			40 530 944	7.755.610	- 10 417 902	- 254.024	- 0.500	1 210	-	0%
48	Total		68,077,170	49,538,844	7,755,618	10,417,892	354,931	8,569	1,316	-	
50	Prepayments		11,259,456								NONTOTOIPEXP
51	- Demand	OPEXPDEM	1,968,662	1,309,043	203,334	284,985	14,147	45	1,198	155,909	17%
52	- Customer	OPEXPCUS	9,205,888	7,940,127	840,249	323,129	15,865	8,835	1,979	75,706	82%
53	- Commodity	OPEXPCOM	84,906	42,539	6,759	11,504	872	612	276	22,344	1%
54	Total		11,259,456	9,291,708	1,050,342	619,618	30,884	9,492	3,453	253,959	
55											

Decided Controllary Position Total Residential Controllary C		А	В	C	D	F	F	G	Н	1	1	K
Commonday Comm	1	• •	, and the second	Ç		_	Large			Vehicular	,	K
Second content Second Second content Second conte	2		Allocation	Total	Residential				Interruptible		Transportation	Classification
Monte 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,000 1,860,00	3		Factor	Company	RS	SGS	LGS	LV		VF	Transp.	Factor
27	4											
Commodity												NONTOTOIPEXP
Controlled Con	57		-									17%
Controlled Con	58											82%
Control Cont	59	*	OPEXPCOM								,	1%
Description	61	Total		1,865,806	1,539,730	174,052	102,677	5,118	1,573	5/2	42,084	
Description	62	Cash Working Capital		21,659,955								NONTOTOIPEXP
Commodity	63	- Demand	OPEXPDEM	3.787.139	2.518.222	391.157	548.230	27.215	87	2.305	299.924	17%
State Control Contro	64	- Customer	OPEXPCUS			,			16,996			82%
State Control Contro	65	- Commodity	OPEXPCOM									1%
Solid Propose Propos	66	Total		21,659,955	17,874,575	2,020,556	1,191,966	59,412	18,261	6,642	488,543	
Figure F												
NONA Page		Other Regulatory Assets										
172 - Demand		Prenaid Pension / OPER Assets		153 687 002								NONAGOPEXP
Commodity Depth on A&G C 15,667,763 196,191,520 10,770,349 4,074,456 194,687 105,347 24,322 878,014 8 173 174 174 174 174 184 197 187,475 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,467 115,46			EVD Non ARC D		17 705 222	2 761 774	2 076 075	104 674	E10	16 005	2 100 002	17%
To	72											17% 82%
NONA Total EXP_Non-A&G_D Court EXP_Non-A&G_D Court EXP_Non-A&G_D Court EXP_Non-A&G_D Court Court	73											1%
NONA Total EXP_Non-A&G_D Court EXP_Non-A&G_D Court EXP_Non-A&G_D Court EXP_Non-A&G_D Court Court	74	•	EXI_NOII AGG_E						-,-			170
Customer	75			,,	,,	-,,	-, ,		-, -	-,	.,,	
Customer	76	<u> </u>										NONAGOPEXP
FXP_Non-A&G EXP_Non-A&G	77	- Demand		-	-	-	-	-	-	-	-	17%
St Leasehold Improvements	78			-	-	-	-	-	-	-	-	82%
St Leasehold Improvements	79	·	EXP_Non-A&G_E	-	-	-	-	-	-	-	-	1%
Exp_Non-A&G_D 293,584 194,577 30,215 42,415 2,130 6 185 24,057 30,215 42,415 2,130 6 185 24,057 30,215 42,415 2,130 6 185 24,057 30,215 42,415 2,130 1,163 267 9,606 8 42 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,41	80	Total		-	-	-	-	-	-	-	-	
S3	82	Leasehold Improvements		1.681.386								NONAGOPEXP
EVP_Non-A&G_C 1,374,845 1,199,272 117,831 44,576 2,130 1,163 267 9,606 88 - Commodity EVP_Non-A&G_E 12,956 6,491 1,031 1,755 133 93 42 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2			EXP Non-A&G D		194.577	30.215	42.415	2.130	6	185	24.057	17%
EXP_Non-A&G_E 12,956 6,491 1,031 1,755 133 93 42 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2 3,410 2	84											82%
Low Income Program Net of Amortization	85	- Commodity						133		42		1%
Low Income Program Net of Amortization 40,333 4,668 725 1,017 51 0 4 577 1 0 0 4 577 1 0 0 0 0 0 0 0 0 0	86	Total		1,681,386	1,400,341	149,077	88,747	4,393	1,263	494	37,072	
Section Sect	87			40								NONE COREVE
92 Total 40,333 33,592 3,576 2,129 105 30 12 889 93 Red Tag Program	88			·								NONAGOPEXP
92 Total 40,333 33,592 3,576 2,129 105 30 12 889 93 Red Tag Program	89											17%
92 Total 40,333 33,592 3,576 2,129 105 30 12 889 93 Red Tag Program	90											82% 1%
SEXP_Non-A&G_D 4,964 3,290 511 717 36 0 3 407 1	92	•	EAP_NOII-AQG_E									170
SEXP_Non-A&G_D 4,964 3,290 511 717 36 0 3 407 1	93			40,333	33,332	3,370	2,129	103	30	12	565	
SEXP_Non-A&G_D 4,964 3,290 511 717 36 0 3 407 1	94	Red Tag Program		28,429								NONAGOPEXP
98 Total 28,429 23,677 2,521 1,501 74 21 8 627 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501	95	- Demand	EXP_Non-A&G_D	4,964	3,290	511	717	36	0	3	407	17%
98 Total 28,429 23,677 2,521 1,501 74 21 8 627 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501 1,501	96	- Customer			20,278					5		82%
Port Initial Energy Efficiency Asset Net of Amortization 300,667	97	•	EXP_Non-A&G_E									1%
Total Initial Energy Efficiency Asset Net of Amortization 300,667	98	Total		28,429	23,677	2,521	1,501	74	21	8	627	
101 - Demand EXP_Non-A&G_D 52,499 34,794 5,403 7,585 381 1 33 4,302 1 102 - Customer EXP_Non-A&G_C 245,851 214,455 21,071 7,971 381 208 48 1,718 8 103 - Commodity EXP_Non-A&G_E 2,317 1,161 184 314 24 17 8 610 5 104 Total 300,667 250,410 26,658 15,870 786 226 88 6,629	99 100	Initial Energy Efficiency Asset Net of Amortization		200 667								NONAGOPEXP
102 - Customer EXP_Non-A&G_C 245,851 214,455 21,071 7,971 381 208 48 1,718 8 103 - Commodity EXP_Non-A&G_E 2,317 1,161 184 314 24 17 8 610 30 104 Total 300,667 250,410 26,658 15,870 786 226 88 6,629			EVD Non ASC D		24 704	E 402	7 505	201	4	ວາ	4 202	17%
103 - Commodity EXP_Non-A&G_E 2,317 1,161 184 314 24 17 8 610 300,667 104 Total 300,667 250,410 26,658 15,870 786 226 88 6,629											,	17% 82%
104 Total 300,667 250,410 26,658 15,870 786 226 88 6,629											,	82% 1%
		·										2,0
וכטן	105											

П	A	В	С	D	E	F	G	Н	1	J	K
1	Laclede Gas Company				Small	Large	Large		Vehicular		
3	Allocation of Rate Base	Allocation Factor	Total Company	Residential RS	General Srv SGS	General Srv LGS	Volume LV	Interruptible IN	Fuel VF	Transportation Transp.	Classification Factor
4 106	Energy Efficiency Program		11,639,096							ı	NONAGOPEXP
107	- Demand	EXP_Non-A&G_D	2,032,284	1,346,926	209,156	293,613	14,743	39	1,279	166,528	17%
108	- Customer	EXP_Non-A&G_C	9,517,125	8,301,752	815,665	308,568	14,744	8,054	1,847	66,494	82%
109	- Commodity	EXP_Non-A&G_E	89,688	44,935	7,140	12,152	921	647	291	23,602	1%
110	Total		11,639,096	9,693,613	1,031,960	614,333	30,409	8,740	3,417	256,624	
111 112	Total Other Regulatory Assets										
113	- Demand		29,225,433	19,369,588	3,007,784	4,222,322	212,015	565	18,389	2,394,772	
114	- Customer		136,861,810	119,384,046	11,729,734	4,437,394	212,029	115,820	26,564	956,224	
115	- Commodity	,	1,289,759	646,185	102,674	174,748	13,250	9,302	4,187	339,413	
116 117	Total		167,377,003	139,399,818	14,840,191	8,834,464	437,294	125,687	49,140	3,690,410	
118	Total Additions to Utility Plant										
119	- Demand		104,755,546	73,853,675	11,531,399	15,717,723	620,834	9,287	24,341	2,998,288	
120 121	- Customer		168,354,706	146,669,087	14,528,720	5,511,235	264,470	144,794	33,095	1,203,305	
122	- Commodity	;	1,552,069	777,605	123,555	210,288	15,945	11,194	5,039	408,443	
123	Total		274,662,320	221,300,367	26,183,674	21,439,246	901,249	165,274	62,474	4,610,035	
124	Reductions to Utility Plant										
125	Accumulated Deferred Income Taxes		(206,856,327)								TOTPLT
126	- Demand	Plant Total D	(64,116,364)	(42,141,612)	(6,538,884)	(9,216,711)	(476,208)	(660)	(43,653)	(5,698,636)	31%
127	- Customer	Plant_Total_C	(142,739,963)	(128,831,696)	(9,498,936)	(3,533,901)	(160,365)	(78,487)	(19,518)	(617,060)	69%
128	- Commodity		-	-	-	-	-	-	-	-	0%
129	Total		(206,856,327)	(170,973,307)	(16,037,820)	(12,750,612)	(636,574)	(79,147)	(63,170)	(6,315,696)	
130 131	Other Regulatory Liabilities										
132	- Demand		-	-	-	-	-	-	-	-	
133	- Customer		-	-	-	-	-	-	-	-	
134	- Commodity		-	-	-	-	-	-	-	-	
135 136	Total		-	-	-	-	-	-	-	-	
137	Customer Deposits		(4,354,823)								CUS
138	- Demand		-	-	-	-	-	-	-	-	0%
139	- Customer	C2_depcus	(4,354,823)	(3,053,380)	(1,180,682)	(118,588)	(2,173)	-	-	-	100%
140	- Commodity			-	-	-	-	-	-	-	0%
141 142	Total		(4,354,823)	(3,053,380)	(1,180,682)	(118,588)	(2,173)	-	-	-	
143	Customer Advances		(1,020,828)							Γ	MAINSVC
144	- Demand	D2_Demand	(321,268)	(209,145)	(32,423)	(45,917)	(2,449)	-	(238)	(31,097)	31%
145	- Customer	Plant_MainsSrv_C	(699,560)	(650,498)	(39,644)	(8,570)	(265)	(71)	(28)	(483)	69%
146	- Commodity		-	-	-	-	-	-	-	-	0%
147 148	Total		(1,020,828)	(859,643)	(72,067)	(54,487)	(2,714)	(71)	(266)	(31,581)	
148	Total Deductions										
150	- Demand		(64,437,632)	(42,350,756)	(6,571,307)	(9,262,628)	(478,658)	(660)	(43,890)	(5,729,733)	
151	- Customer		(147,794,346)	(132,535,574)	(10,719,262)	(3,661,060)	(162,803)	(78,558)	(19,546)	(617,544)	
152	- Commodity			-	-	-	-	-	-	-	
153	Total		(212,231,978)	(174,886,330)	(17,290,568)	(12,923,687)	(641,461)	(79,218)	(63,436)	(6,347,277)	
154 155	Total Rate Base										
156	- Demand		407,341,266	270,825,424	42,066,988	58,962,871	2,928,194	9,270	248,276	32,300,243	
157	- Customer		822,793,916	737,578,014	58,124,472	21,472,600	976,770	499,962	120,973	4,021,125	
158	- Commodity		1,552,069	777,605	123,555	210,288	15,945	11,194	5,039	408,443	
159	Total		1,231,687,251	1,009,181,043	100,315,016	80,645,759	3,920,909	520,426	374,289	36,729,811	

2 A 3 4 5 P 6 M 7 7 8 9 10	Allocation of O&M Expenses Production Expense flanufactured Gas Production Expense 710 - Operation Supervisor & Engine.	Allocation Factor	Total Company	Residential	Small General Srv	Large General Srv	Large		Vehicular		
3 4 5 P 6 M 7 7 8 9 10 11 T	Production Expense Manufactured Gas Production Expense 710 - Operation Supervisor & Engine.				General Srv	Gonoral Sm					
4 5 P 6 M 7 7 8 9 10 11 T	Manufactured Gas Production Expense 710 - Operation Supervisor & Engine.	Factor	Company				Volume	Interruptible	Fuel VF	Transportation	Classification
5 P 6 M 7 7 8 9 10 11 T	Manufactured Gas Production Expense 710 - Operation Supervisor & Engine.	1		RS	SGS	LGS	LV	IN	VF	Transp.	Factor
7 7 8 9 10 11 T	710 - Operation Supervisor & Engine.										
8 9 10 11 T		-									
9 10 11 T			86,504								DEM
10 11 T	- Demand	Plant GasInvDem	86,504	62,948	9,855	13,238	451	11	2	-	100%
11 T	- Customer - Commodity		-	-	-	-	-	-	-	-	0% 0%
	Fotal		86,504	62,948	9,855	13,238	451	11	2	-	070
12				,	•	•					
	712 - Other Power Expenses		138								DEM
14	- Demand	Plant GasInvDem	138	100	16	21	1	0	0	-	100%
15 16	- Customer - Commodity		-	-	-	-	-	-	-	-	0% 0%
	- commodity Fotal		138	100	16	21	1	- 0	- 0	-	0/0
18										_	
	717 - LPG Expenses		2,927								DEM
20 21	- Demand	Plant GasInvDem	2,927	2,130	333	448	15	0	0	-	100%
21	- Customer - Commodity		-	-	-	-	-	-	-	-	0% 0%
22 23 T 24	Fotal		2,927	2,130	333	448	15	- 0	- 0	-	076
24				,							
	723 - Fuel for LPG Process		1,276								СОМ
26	- Demand		-	-	-	-	-	-	-	-	0%
27	- Customer	D4 NenTranspCales	- 1,276	-	- 138	- 235	- 18	- 13	- 6	-	0% 100%
28 29 T 30	- Commodity Fotal	D4_NonTranspSales	1,276	867 867	138	235	18	13	6	-	100%
30	· ota·		2,270	307	150	255	10		· ·		
	728 - LPG		(111,248)								СОМ
32	- Demand		-	-	-	-	-	-	-	-	0%
33	- Customer	D4 NenTranspCales	(111 240)	- (75 504)	- (12,015)	(20.487)	- (1,558)	- (1.101)	- (494)	-	0% 100%
34 35 T	- Commodity Fotal	D4_NonTranspSales	(111,248) (111,248)	(75,594) (75,594)	(12,015)	(20,487)	(1,558)	(1,101) (1,101)	(494)		100%
36			(111,270)	(,3,334)	(12,013)	(20,.07)	(2,555)	(1)101/	(.5.)		
37 7	735 - Miscellaneous Production Expenses		80,275								DEM
38	- Demand	Plant GasInvDem	80,275	58,415	9,145	12,285	419	10	2	-	100%
39 40	- Customer		-	-	-		-	-	-	-	0% 0%
	- Commodity Fotal		80,275	58,415	9,145	12,285	419	10	2	-	U70
42				,	-,	,		-	_	_	
43 7	740 - Maintenance Supervision & Engine.		18,969								DEM
44 45	- Demand	Plant GasInvDem	18,969	13,804	2,161	2,903	99	2	0	-	100%
45 46	- Customer - Commodity		-	-	-	-	-	-	-	-	0% 0%
47 T	- Commodity Fotal		18,969	13,804	2,161	2,903		2	- 0	-	0/0
48				,55	_,101	_,,505	33	-	ŭ	_	
	741 - Maintenance of Structures & Impr.		5,498								DEM
50	- Demand	Plant GasInvDem	5,498	4,001	626	841	29	1	0	-	100%
51	- Customer		-	-	-	-	-	-	-	-	0% 0%
52 53 T 54	- Commodity Fotal		5,498	4,001	626	841	29	1	- 0	-	U70
54			3,430	.,001	320	341	23	-	ŭ		

	A	В	C	D	E	F I	G	н І	1 1	1	K
1	Laclede Gas Company				Small	Large	Large		Vehicular	<u>, </u>	K
2	Allocation of O&M Expenses	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
3		Factor	Company	RS	SGS	LGS	LV			Transp.	Factor
4											
55	742 - Maintenance of Production Eq.		78,661								DEM
56 57	- Demand	Plant GasInvDem	78,661	57,240	8,961	12,038	410	10	2	-	100%
57	- Customer		-	-	-	-	-	-	-	-	0%
58	- Commodity		-	-	-	-	-	-	-	-	0%
59	Total		78,661	57,240	8,961	12,038	410	10	2	-	
58 59 60	Total Manufactured Gas Production Exp.		163,000								
62	- Demand		272,972	198,638	31,098	41,773	1,423	34	5	_	
63	- Customer			-	-	-	-,	-	-	_	
64	- Commodity		(109,972)	(74,727)	(11,877)	(20,252)	(1,540)	(1,088)	(489)	-	
65	Total	_	163,000	123,911	19,221	21,521	(117)	(1,054)	(484)	-	
62 63 64 65 66											
	Purchased Gas Expense										
68	204 Burchased Cas Fire		(4.250.075)								6611
69	804 - Purchased Gas Expense		(4,269,876)								СОМ
70 71	- Demand		-	-	-	-	-	-	-	-	0%
72	- Customer	D4 NonTronosColos	- (4.250.075)		- (454 440)	(705.247)	- (59,787)		- (18,978)	-	0% 100%
73	- Commodity Total	D4_NonTranspSales	(4,269,876) (4,269,876)	(2,901,411)	(461,140) (461,140)	(786,317) (786,317)	(59,787)	(42,243) (42,243)	(18,978)		100%
74	Total		(4,203,870)	(2,301,411)	(401,140)	(780,317)	(55,767)	(42,243)	(10,576)	_	
74 75	808.1 - Gas Withdrawn From Stor Debit		4,038,366								СОМ
76 77	- Demand		-	-	-	-	-	-	-	-	0%
77	- Customer		-	-	-	-	-	-	-	-	0%
78	- Commodity	D4_NonTranspSales	4,038,366	2,744,098	436,137	743,684	56,545	39,953	17,949	-	100%
79	Total		4,038,366	2,744,098	436,137	743,684	56,545	39,953	17,949	-	
80	810 - Gas Used for Comp. St. Fuel - Credit		(63,447)							-	COM
	- Demand		(03,447)		_		_			_	0%
92	- Customer		-	-	-	-		-	-	-	0%
84	- Commodity	D4 NonTranspSales	(63,447)	(43,112)	(6,852)	(11,684)	(888)	(628)	(282)	_	100%
82 83 84 85 86	Total		(63,447)	(43,112)	(6,852)	(11,684)	(888)	(628)	(282)	-	100/0
86			·/	, -, -,	1-/	, , ,	1/	· /	/		
87	812 - Gas Used for Other Util. Ops Credit		(133,306)								СОМ
88	- Demand		-	-	-	-	-	-	-	-	0%
89 90	- Customer		-	-	-	-	-	-	-	-	0%
90	- Commodity	D4_NonTranspSales	(133,306)	(90,582)	(14,397)	(24,549)	(1,867)	(1,319)	(592)	-	100%
91 92	Total		(133,306)	(90,582)	(14,397)	(24,549)	(1,867)	(1,319)	(592)	-	
93	Total Natural Gas Purchases		(428,262)								
	- Demand		-	-	_	_	-	-	_	_	
95	- Customer			-	-	-	-	-			
96	- Commodity		(428,262)	(291,007)	(46,252)	(78,866)	(5,997)	(4,237)	(1,903)		
94 95 96 97 98	Total	=	(428,262)	(291,007)	(46,252)	(78,866)	(5,997)	(4,237)	(1,903)	-	
98	Total Deadustics Forester		(265.252)								
99	Total Production Expenses		(265,263)	400.533	24.000	44 770	4.422	2.6	_		
100 101	- Demand		272,972 -	198,638	31,098	41,773	1,423	34	5	-	
101	- Customer- Commodity		- (538,235)	- (365,734)	- (58,129)	(99,118)	- (7,536)	- (5,325)	- (2,392)	-	
103	- Commodity Total	=	(265,263)	(167,096)	(27,030)	(57,345)	(6,113)	(5,325)	(2,387)		
103			(203,203)	(107,030)	(27,030)	(57,545)	(0,113)	(3,231)	(2,307)	_	
104											

Part	A	В	С	D	E	F	G	Н	1 1	1	K
Part Control of Self Records	D D	C	U U					Vehicular	,	K	
Part Control Section Part Control Section	2 Allocation of O&M Expenses					General Srv	Volume				Classification
100		Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
10 12 12 12 12 13 13 13 14 15 15 15 15 15 15 15											
December Part Commontry Part Commontry Part Commontry Part Commontry Part Commontry Part Commontry Part P			261,518								DEM
Commonthy Comm		Plant GasInvDem	261,518	190,303	29,793	40,020	1,363	33	5	-	100%
10 10 10 10 10 10 10 10	108 - Customer		-	-	-	-	-	-	-	-	
15 15 15 15 15 15 15 15	109 - Commodity			-		-		-		-	0%
10 10 10 10 10 10 10 10	110 Total		261,518	190,303	29,793	40,020	1,363	33	5	-	
1.1	112 815 - Maps and Records		57,853								DEM
1	113 - Demand	Plant GasInvDem	57,853	42,099	6,591	8,853	302	7	1	-	100%
10 10 10 10 10 10 10 10	114 - Customer			-	-	-		-	-		
10	115 - Commodity			42.000	- C F01	- 0.053		- 7	- 1		0%
10 10 10 10 10 10 10 10	117		57,853	42,099	0,591	8,833	302	,	1	-	
Contended Cont	118 816 - Wells Expenses		359,840								DEM
	119 - Demand	Plant GasInvDem						45	7	-	
120 121 121 122 136 136 140 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150 150	120 - Customer		-	-	-	-	-	-	-	-	
Plant Gasim/Dem 13,694 9,965 1,560 2,096 71 2 0 0 100% 126 0 0 0 0 0 0 0 0 0	122 Total		359.840	261.851	40.994	55,067	1.876		7	-	υ%
Plant Gaslan/Dem 13,694 9,965 1,1560 2,096 71 2 0 100% 100% 125 100mm 13,694 9,965 1,1560 2,096 71 2 0 0 0 0 0 0 0 0 0	123			201,001	.0,554	35,007	2,370	.5	,		
Commodity	124 817 - Line Expenses										
Commodify	125 - Demand	Plant GasInvDem						2	0		
128 Total 13,694 9,965 1,560 2,096 71 2 0	127 - Commodity			-		-	-	-	-		
129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129 129	128 Total			9,965		2,096	71	2	0		070
121 122 12, 123 17,158 585 14 2 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000	129										
138		_									
138	131 - Demand	Plant GasInvDem									
124 124 12,122 81,590 12,773 17,158 585 14 2 2 3 3 3 3 3 3 3 3	133 - Commodity		-	-	-	-	-	-	-	-	
156 189 - Compressor Station Fuel & Power 65,942	134 Total		112,122	81,590	12,773	17,158	585	14	2	-	• • • • • • • • • • • • • • • • • • • •
Demand	135		55.040							1	6014
188											
139	138 - Customer			-					-		
140	139 - Commodity	D4_NonTranspSales		44,808					293		
142	140 Total		65,942	44,808	7,122	12,144	923	652	293	-	<u> </u>
143			510 161							ı	DEM
144		Plant GasInvDem		377 050	50 021	79 204	2 702	65	10	_	
145	144 - Customer	Tiune Gasinvoeili						-	-		
146	145 - Commodity		-	-	-	-	-	-	-	-	0%
148	146 Total		518,161	377,059	59,031	79,294	2,702	65	10	-	
149 - Demand Plant GasInvDem 106,554 77,538 12,139 16,306 556 13 2 - 100% 150 - Customer - - - - - - - - 0% 151 - Commodity - - - - - - - - -	148 821 - Purification Expenses		106.554							I	DFM
150 - Customer	149 - Demand	Plant GasInvDem		77,538	12,139	16,306	556	13	2	-	
Total 106,554 77,538 12,139 16,306 556 13 2 2 3 4 5 5 5 5 5 5 5 5 5	150 - Customer									-	
154 823 - Gas Losses 6,883 155 - Demand	151 - Commodity		-	-	-	-	-	-	-		0%
154 823 - Gas Losses 6,883 155 - Demand	152 Total 153		106,554	77,538	12,139	16,306	556	13	2	-	
155 - Demand - - - - - - - 0%	154 823 - Gas Losses		6,883								COM
158 Total 6,883 4,677 743 1,268 96 68 31 -	155 - Demand			-	-	-	-	-	-	-	0%
158 Total 6,883 4,677 743 1,268 96 68 31 -	156 - Customer			_				-	-	-	
	157 - Commodity	D4_NonTranspSales									100%
11541	158 Total 159		6,883	4,677	743	1,268	96	68	31	-	

	А	В	С	D	E	F	G	Н	1 1	J	K
1	Laclede Gas Company		<u> </u>	<u></u>	Small	Large	Large		Vehicular		
3	Allocation of O&M Expenses	Allocation Factor	Total Company	Residential RS	General Srv SGS	General Srv LGS	Volume LV	Interruptible IN	Fuel VF	Transportation Transp.	Classification Factor
4 160	824 - Other Expenses		237,850							1	DEM
161	- Demand	Plant GasInvDem	237,850	173,081	27,097	36,398	1,240	30	5	_	100%
162	- Customer		-	-	-	-	-	-	-	-	0%
163	- Commodity		-	-	-	-	-	-	-	-	0%
164 165	Total		237,850	173,081	27,097	36,398	1,240	30	5	-	
166	825 - Storage Well Royalities		99,907								СОМ
167	- Demand		-	-	-	-	-	-	-	-	0%
168	- Customer		-	-	-	-	-	-	-	-	0%
169	- Commodity	D4_NonTranspSales	99,907	67,887 67,887	10,790 10,790	18,398 18,398	1,399 1,399	988 988	444 444	-	100%
170 171	Total		99,907	07,887	10,790	10,398	1,399	988	444	-	
172	830 - Maintenance Supervision & Engine.		30,457								DEM
173	- Demand	Plant GasInvDem	30,457	22,163	3,470	4,661	159	4	1	-	100%
174 175	- Customer		-	-	-	-	-	-	-	-	0%
176	- Commodity Total		30,457	22,163	3,470	4,661	- 159	- 4	1	-	0%
176 177	Total		30,437	22,103	3,470	4,001	155	4	1	_	
178	831 - Maintenance of Structures & Impr.		207,692								DEM
179	- Demand	Plant GasInvDem	207,692	151,134	23,661	31,783	1,083	26	4	-	100%
180 181	- Customer		-	-	-	-	-	-	-		0% 0%
182	- Commodity Total		207,692	151,134	23,661	31,783	1,083	26	4	-	U%
183	1000		207,032	131,13	25,001	51,765	1,003	20	·		
184	832 - Maintenance of Reservoirs & Wells		200,399								DEM
185	- Demand	Plant GasInvDem	200,399	145,828	22,830	30,667	1,045	25	4	-	100%
186 187	- Customer- Commodity		-	-	-	-	-	-	-	-	0% 0%
188	Total		200,399	145,828	22,830	30,667	1,045	25	4	-	0%
189				-,-	,		,-				
190	833 - Maintenance of Lines		180,532								DEM
191 192	- Demand	Plant GasInvDem	180,532	131,370	20,567	27,627	941	23	3	-	100%
193	- Customer - Commodity		-	-	-			-	-	-	0% 0%
194	Total		180,532	131,370	20,567	27,627	941	23	3	-	
195										ı	
196	834 - Maintenance of Compr. Station Eq.	Diamet Co. 1 D	308,876	224755	25.42-	47.06-		22	-		DEM
197 198	- Demand - Customer	Plant GasInvDem	308,876	224,765	35,188	47,267 -	1,610	39 -	- 6	-	100% 0%
199	- Customer - Commodity		-	-	-	-	-	-	-	-	0%
200 201			308,876	224,765	35,188	47,267	1,610	39	6	-	
201 202	835 - Maint. of Measuring & Reg. St. Exp.		44,832							1	DEM
203	- Demand	Plant GasInvDem	44,832	32,623	5,107	6,861	234	6	1	_	100%
204	- Customer	ridiit GasiiivDelli	- 44,032	-	5,107	-	-	-	-	-	0%
205	- Commodity		-	-	-	-	-	-	-	-	0%
206	Total	·	44,832	32,623	5,107	6,861	234	6	1	-	
207 208	836 - Maintenance of Purification Eq.		51,568							1	DEM
209	- Demand	Plant GasInvDem	51,568	37,525	5,875	7,891	269	6	1	-	100%
210	- Customer		-	-	-	-	-	-	-	-	0%
211	- Commodity			- 27.55-	-	-		-		-	0%
212	Total		51,568	37,525	5,875	7,891	269	6	1	-	
213											

	A	В	C	D	E	F	G	Н	1	1	К
1	Laclede Gas Company	В	<u> </u>		Small	Large	Large	п	Vehicular	,	N N
2	Allocation of O&M Expenses	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
3	, and the second	Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
4											
214	837 - Maintenance of Other Equipment		244,982								DEM
215	- Demand	Plant GasInvDem	244,982	178,270	27,909	37,490	1,277	31	5	-	100%
216 217	- Customer		-	-	-	-	-	-	-	-	0%
217	- Commodity		-	-	-	-	-	-	-	-	0%
218	Total		244,982	178,270	27,909	37,490	1,277	31	5	-	
219 220	840 - Operation Supervisor & Engineering		20,870								DEM
221	- Demand	Plant GasInvDem	20,870	15,187	2,378	3,194	109	3	0	_	100%
222	- Customer	Tidile GasiiivDeiii	-	-	-	5,154	-			_	0%
223	- Commodity		-	-	-	-		-	-	_	0%
224	Total		20,870	15,187	2,378	3,194	109	3	0	-	
225 226											
	841 - Operation Labor & Expenses		6,068								DEM
227	- Demand	Plant GasInvDem	6,068	4,416	691	929	32	1	0	-	100%
228	- Customer		-	-	-	-	-	-	-	-	0%
229	- Commodity				-	-	-	-	-	-	0%
230	Total		6,068	4,416	691	929	32	1	0	-	
231 232	842.1 - Fuel		9,497								COM
233	- Demand		- 3,137	_	_	_				_	0%
234	- Customer		_	_	_	_	_	_	_	_	0%
234 235	- Commodity	D5 NonTranspDem	9,497	6,845	1,061	1,503	80	-	8	-	100%
236	Total		9,497	6,845	1,061	1,503	80	-	8	-	
237 238											
238	843.2 - Maintenance of Str. & Impr.		69,195								DEM
239	- Demand	Plant GasInvDem	69,195	50,352	7,883	10,589	361	9	1	-	100%
240	- Customer		-	-	-	-	-	-	-	-	0%
241	- Commodity		-	-	-	-	-	-		-	0%
239 240 241 242 243	Total		69,195	50,352	7,883	10,589	361	9	1	-	
244	Total Natural Gas Storage Expenses		3,215,291								
245	- Demand		3,033,062	2,207,118	345,538	464,151	15,813	382	59	_	
245 246 247	- Customer		-	-	-	-	-	-	-	-	
247	- Commodity		182,230	124,218	19,716	33,312	2,499	1,709	776		
248	Total	•	3,215,291	2,331,337	365,254	497,464	18,312	2,091	834	-	
249											
250	Distribution Expenses										
251	Operations Expenses		4.014.669								EXP871-880
252 253	870 - Operation, Supervision and Engine.	EVD 071 000 D	4,914,668	422.667	67.330	05.340	F 070		403	C4 404	
254	- Demand - Customer	EXP_871-880_D EXP_871-880_C	666,159 4,050,025	433,667 3,078,516	67,230 534,884	95,210 324,911	5,079 17,063	- 9,853	493 2,169	64,481 82,630	14% 82%
255	- Customer - Commodity	EXP_871-880_C EXP_871-880_E	198,483	107,455	17,079	29,122	2,214	1,565	703	40,347	4%
256	Total		4,914,668	3,619,638	619,192	449,242	24,357	11,418	3,364	187,457	770
257 258			.,52.,000	3,013,030	515,152		2.,557	11,110	5,554	20., 101	
	871 - Distribution and Load Dispatching		1,180,217								COM
259	- Demand		-	-	-	-	-	-	-	-	0%
260	- Customer		-	-	-	-	-	-	-	-	0%
261	- Commodity	D1_sales	1,180,217	638,946	101,552	173,162	13,166	9,303	4,179	239,909	100%
262	Total		1,180,217	638,946	101,552	173,162	13,166	9,303	4,179	239,909	
263											

	A	В	С	D	E	F	G	н	1 1	1	K
1	Laclede Gas Company	<u>, </u>	<u>_</u>		Small	Large	Large	<u> </u>	Vehicular	<u> </u>	
3	Allocation of O&M Expenses	Allocation Factor	Total Company	Residential RS	General Srv SGS	General Srv LGS	Volume LV	Interruptible IN	Fuel VF	Transportation Transp.	Classification Factor
4 264	Odorant Expense (Acct. 874 reduced by Odorant E	Expense for Test Year)	103,590							ı	СОМ
265	- Demand	, , ,	-			-		-	-	-	0%
266	- Customer		-	-	-	-	-	-	-	-	0%
267	- Commodity	D1_sales	103,590	56,082	8,913	15,199	1,156	817	367	21,057	100%
268	Total		103,590	56,082	8,913	15,199	1,156	817	367	21,057	
269 270	874 - Mains and Service Expenses		9,716,981							1	MAINSVC
271	- Demand	Plant_MainsSrv_D	3,058,065	1,990,788	308,624	437,068	23,316	-	2,262	296,006	31%
272	- Customer	Plant_MainsSrv_C	6,658,916	6,191,911	377,359	81,579	2,522	675	270	4,602	69%
273 274	- Commodity Total		9,716,981	8,182,699	685,983	518,647	25,837	675	2,532	300,608	0%
275	Total		3,710,361	8,182,099	063,363	310,047	23,037	0/3	2,332	300,008	
276	875 - Distributing Regulating Station Exp.		792,828							[DEM
277	- Demand	D2_Demand	792,828	516,128	80,013	113,314	6,045	-	586	76,742	100%
278	- Customer		-	-	-	-	-	-	-	-	0%
279 280	- Commodity Total		792,828	516,128	80,013	113,314	6,045	-	- 586	- 76,742	0%
281	Total		752,020	310,128	80,013	113,314	0,043	_	360	70,742	
282	876 - Measuring and Reg Station Exp-Ind		155,837								CUS
283	- Demand		-	-	-	-	-	-	-	-	0%
284 285	- Customer	C14_385cus	155,837	-	32,360	87,427	5,381	3,330	720	26,618	100%
286	- Commodity Total		155,837	-	32,360	87,427	5,381	3,330	720	26,618	0%
287			155,057		32,300	07,127	3,301	3,330	720	20,010	
288	877 - Measuring and Reg Station Exp-CG		110,205								DEM
289	- Demand	D2_Demand	110,205	71,743	11,122	15,751	840	-	82	10,667	100%
290 291	- Customer- Commodity		-	-	-	-	-	-	-	-	0% 0%
292	Total		110,205	71,743	11,122	15,751	840	-	82	10,667	0%
293				,	,	-,				_	
294	878 - Meter and House Regulator Exp.		14,896,146								CUS
295 296	- Demand - Customer	C7_Metregcus	- 14,896,146	- 10,446,990	- 2,503,486	- 1,446,325	- 75,527	- 43,426	- 9,469	- 370,922	0% 100%
297	- Commodity	C7_ivietregeus	14,050,140	10,440,550	2,303,480	1,440,323	75,527	43,420	-	570,922	0%
298	Total		14,896,146	10,446,990	2,503,486	1,446,325	75,527	43,426	9,469	370,922	9,5
299	070 0		0.074.0								0110
300	879 - Customer Installation Expenses		2,371,255		_			_			CUS
301	- Demand - Customer	C4 Metincus	- 2,371,255	- 1,666,490	- 267,306	- 316,645	- 18,032	- 11,157	- 2,436	- 89,188	0% 100%
303	- Commodity	C4_141CtillCtd3		-	-	-	-	-	-	-	0%
304	Total		2,371,255	1,666,490	267,306	316,645	18,032	11,157	2,436	89,188	
305 306	880 - Other Expenses		2,034,041							Г	EXP871-879
307	- Demand	EXP_871-879_D	275,704	179,482	27,824	39,405	2,102	_	204	26,687	14%
308	- Customer	EXP_871-879_C	1,676,190	1,274,110	221,373	134,471	7,062	4,078	898	34,198	82%
309	- Commodity	EXP_871-879_E	82,147	44,473	7,068	12,053	916	648	291	16,698	4%
310	Total		2,034,041	1,498,065	256,266	185,928	10,081	4,725	1,392	77,583	
311 312	881 - Rents		-								
313	- Demand		-	-	-	-	-	-	-	-	
314	- Customer		-	-	-	-	-	-	-	-	
315	- Commodity		-	-	-	-	-	-	-		
316 317	Total		-	-	-	-	-	-	-	-	
317											

$\overline{}$	А	В	С	D	E	F	G	Н	1 1	1	K
1	Laclede Gas Company	<u> </u>	C	U	Small	Large	Large	п	Vehicular	,	N.
2	Allocation of O&M Expenses	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
3		Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
4 318	Total Operations Expenses		36,275,765								
319	- Demand		4,902,961	3,191,808	494,813	700,747	37,382	_	3,627	474,583	
320	- Customer		29,808,368	22,658,017	3,936,768	2,391,358	125,587	72,519	15,961	608,157	
321	- Commodity		1,564,437	846,955	134,612	229,535	17,452	12,331	5,540	318,011	
322	Total	•	36,275,765	26,696,780	4,566,193	3,321,640	180,422	84,850	25,128	1,400,752	
323 324	Maintananca Evnanca										
325	Maintenance Expense 885 - Maintenance Sup. and Engine.		2,740,753							İ	EXP887-893
326	- Demand	EXP 887-893 D	962,790	626,773	97,166	137,605	7,341		712	93,194	35%
327	- Customer	EXP 887-893 C	1,777,963	1,538,978	154,243	65,417	3,142	1,689	389	14,105	65%
328	- Commodity			· · · -			<u> </u>		-	-	0%
329	Total		2,740,753	2,165,750	251,409	203,022	10,483	1,689	1,101	107,299	
330 331	886 - Maintenance of Str. and Impr.		810,702							ı	EXP887-893
332	- Demand	EXP_887-893_D	284,789	185,396	28,741	40,703	2,171	_	211	27,566	35%
333	- Customer	EXP_887-893_C	525,913	455,222	45,624	19,350	930	500	115	4,172	65%
334	- Commodity		-	-	-	-	-	-		´-	0%
335	Total	•	810,702	640,619	74,366	60,053	3,101	500	326	31,738	
336 337	997 Maintenance of Mains		9 162 016							I	PLT376MAINS
338	887 - Maintenance of Mains	D2 Damand	8,162,916	2 200 000	F11 27C	724.061	20.626	_	3,748	400 272	62%
339	- Demand - Customer	D2_Demand C1_customers	5,066,082 3,096,834	3,298,000 2,900,482	511,276 177,392	724,061 17,817	38,626 326	- 99	3,748	490,373 678	38%
340	- Commodity	er_customers	-	-	-	-	-	-	-	-	0%
341	Total		8,162,916	6,198,482	688,668	741,878	38,952	99	3,786	491,051	
342 343										1	
	889 - Maint. of Meas. and Reg. Eq-General		673,931								DEM
344 345	- Demand - Customer	D2_Demand	673,931	438,727	68,014	96,320	5,138	-	499	65,233	100% 0%
	- Commodity		-	-	-	-	-	-	-	-	0%
346 347	Total		673,931	438,727	68,014	96,320	5,138	-	499	65,233	
348										,	
349	890 - Maint. of Meas. and Reg. Eq-Ind		60,228								CUS
350 351	- Demand	C14 205 aug	-	-	- 12 507	- 22.700	- 2.000	1 207	-	- 10 207	0% 100%
352	- Customer- Commodity	C14_385cus	60,228	-	12,507	33,789	2,080	1,287	278	10,287	0%
353	Total		60,228	-	12,507	33,789	2,080	1,287	278	10,287	
354											
355	891 - Maint. of Meas. and Reg. Eq-CG		34,503								DEM
356 357	- Demand	D2_Demand	34,503	22,461	3,482	4,931	263	-	26	3,340	100% 0%
357	- Customer- Commodity		-	-	-		-	-	-	-	0%
359	Total		34,503	22,461	3,482	4,931	263	-	26	3,340	U/0
360				, -	, -	,				,	
361	892 - Maintenance of Services		4,715,313								CUS
362 363	- Demand	00			-	-	-	-	-	-	0%
363 364	- Customer - Commodity	C6_services	4,715,313	4,372,234	266,089	69,726	2,288	605	243	4,127	100% 0%
365	- Commodity Total		4,715,313	4,372,234	266,089	69,726	2,288	605	243	4,127	U%
366				.,2,20 .		22,720	_,200	303	2.0	.,22,	
367	893 - Maint. of Meters and House Reg.		2,791,294								CUS
368	- Demand		-	-	-	-	-	-	-	-	0%
369 370	- Customer	C7_Metregcus	2,791,294	1,957,595	469,112	271,018	14,152	8,137	1,774	69,505	100%
370	- Commodity Total		2,791,294	1,957,595	469,112	271,018	14,152	8,137	1,774	69,505	0%
372			2,751,254	1,557,555	403,112	271,010	14,132	0,137	1,774	05,505	

	А	В	С	D	E	F	G	Н	ı	J	K
1	Laclede Gas Company				Small	Large	Large		Vehicular		
3	Allocation of O&M Expenses	Allocation Factor	Total Company	Residential RS	General Srv SGS	General Srv LGS	Volume LV	Interruptible IN	Fuel VF	Transportation Transp.	Classification Factor
4											
373 374	894 - Maintenance of Other Equipment	EXP 887-893 D	356,692 125,301	01 570	12,646	17,908	955		93	12 120	EXP887-893 35%
375	- Demand - Customer	EXP_887-893_D EXP_887-893_C	231,391	81,570 200,288	20,074	17,908 8,514	409	- 220	93 51	12,129 1,836	65%
375 376	- Commodity	2711 _007 035_0	-	-	-	-	-	-	-	-	0%
377	Total		356,692	281,859	32,719	26,422	1,364	220	143	13,964	
378 379	Total Maintenance Expense		20,346,332								
380 381	- Demand		7,147,397	4,652,928	721,325	1,021,529	54,495	-	5,287	691,834	
381	- Customer		13,198,935	11,424,799	1,145,040	485,630	23,328	12,537	2,889	104,710	
382	- Commodity		- 20.246.222	-	- 4 055 255	4 507 450		- 42.527	- 0.476	706 544	
384	Total		20,346,332	16,077,727	1,866,365	1,507,159	77,823	12,537	8,176	796,544	
383 384 385 386	Total Distribution O&M Expenses		56,622,097								
386	- Demand		12,050,358	7,844,736	1,216,138	1,722,276	91,877	-	8,914	1,166,417	
387	- Customer		43,007,302	34,082,817	5,081,808	2,876,989	148,915	85,056	18,850	712,868	
388 389	- Commodity Total		1,564,437 56,622,097	846,955 42,774,508	134,612 6,432,558	229,535 4,828,799	17,452 258,244	12,331 97,387	5,540 33,304	318,011 2,197,296	
390			,022,03,	,. , .,500	2, .32,330	.,0,.55	_30,2	27,007	33,30 .	_,13.,133	
391	Customer Account Expense										
392 393	901 - Supervision - Demand										
394	- Customer		-	-	-	-	-	-	-	-	
395	- Commodity			-	-	-	_	-	-		
396	Total		-	-	-	-	-	-	-	-	
397 398	902 - Meter reading expense		8,680,331								CUS
399	- Demand		- 8,080,331			_	_	_	_		0%
400	- Customer	C1_customers	8,680,331	8,129,963	497,224	49,941	915	279	106	1,902	100%
401	- Commodity		-	-	-	-	-	-	-	-	0%
402	Total		8,680,331	8,129,963	497,224	49,941	915	279	106	1,902	
403 404	903 - Customer records & collections		19,065,392								CUS
405	- Demand		-	-	-	-	-	-	-	-	0%
406	- Customer	C11_903cus	19,065,392	17,831,316	1,150,236	78,789	1,444	439	168	3,000	100%
405 406 407 408	- Commodity Total		19,065,392	17,831,316	1,150,236	78,789	1,444	439	168	3,000	0%
409 410				1,,031,310	2,230,230	.0,705	±, 	433	100	3,000	
410	904 - Uncollectible expense		8,059,990								CUS
411	- Demand - Customer	C12 004cus	- 8 050 000	- 7 511 056	- 540 024	-	-	-	-	-	0% 100%
411 412 413	- Customer - Commodity	C12_904cus	8,059,990 -	7,511,056	548,934 -	-	-	-	-		100% 0%
414	Total		8,059,990	7,511,056	548,934	-	-	-	-	-	5,5
415 416	QQE Missellaneous Customer Service		110 201							_	CUS
417	905 - Miscellaneous Customer Service - Demand		119,381	_	_	_	_	_			0%
418	- Customer	EXP_902-904_C	119,381	111,601	7,323	429	- 8	2	1	16	100%
419	- Commodity		-	-	-	-	-	-	-	-	0%
420	Total		119,381	111,601	7,323	429	8	2	1	16	
421 422	Total Customer Account Expenses		35,925,094								
423 424	- Demand		-	-	-	-	-	-	-	-	
424	- Customer		35,925,094	33,583,936	2,203,718	129,160	2,367	720	275	4,918	
425 426	- Commodity		- 25 025 004		- 2 202 710	120.160	2 267	- 720	- 275	4.040	
426	Total		35,925,094	33,583,936	2,203,718	129,160	2,367	/20	275	4,918	

	А	В	С	D	E	F	G	Н	I	J	K
2	Laclede Gas Company Allocation of O&M Expenses	Allocation	Total	Residential	Small General Srv	Large General Srv	Large Volume	Interruptible	Vehicular Fuel	Transportation	Classification
3		Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
4 428	Customer Service & Informational Expense										
429	907 - Supervision										
430 431	- Demand		-	-	-	-	-	-	-	-	
431	- Customer- Commodity		-	-	-	-	-	-	-	-	
433	Total	-	-	-	-	-	-	-	-	-	
434 435	908 - Customer Assistance		4,674,118								CUS
436	- Demand		- 1,07 1,712	-	-	-	-	-	-		0%
437	- Customer	C9_Residcus	4,674,118	4,674,118	-	-	-	-	-	-	100%
438	- Commodity Total		4,674,118	4,674,118	-	-	-	-	-	-	0%
440				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						_	
441	909 - Info & Inst Advertising - Demand		98,614	_	-	-	_				CUS 0%
443	- Customer	C1_customers	98,614	- 92,361	- 5,649	- 567	10	3	1	22	100%
436 437 438 439 440 441 442 443 444 445 446 447	- Commodity		-	-				<u> </u>	-	-	0%
445 446	Total		98,614	92,361	5,649	567	10	3	1	22	
447	Total Customer Service Expenses		4,772,732								
448 449	- Demand - Customer		- 4,772,732	- 4,766,479	- 5,649	- 567	- 10	- 3	- 1	- 22	
450	- Commodity		4,772,732	4,700,479	-	-	-	-	-	-	
451	Total	_	4,772,732	4,766,479	5,649	567	10	3	1	22	
452 453	Sales & Advertising Expense										
454	911 - Supervision	-	328,536								CUS
455 456	- Demand - Customer	EXP_912-913_C	- 328,536	- 132,100	- 178,479	- 17,926	- 9	- 3	- 1	- 18	0% 100%
457	- Commodity	EXP_912-913_C	-	132,100	178,479	17,920	-	-	-	-	0%
458	Total		328,536	132,100	178,479	17,926	9	3	1	18	
459 460	912 - Demonstration and selling		1,215,870								CUS
461	- Demand		-	-	-	-	-	-	-	-	0%
462	- Customer - Commodity	C13_912cus	1,215,870	414,750	727,931 -	73,113	22	7	3	45	100% 0%
464	- commodity Total		1,215,870	414,750	727,931	73,113	22	7	3	45	U70
465	913 - Advertising		138,699							-	CUS
467	- Demand		138,699	-	-	-	-	-			0%
468	- Customer	C1_customers	138,699	129,905	7,945	798	15	4	2	30	100%
461 462 463 464 465 466 467 468 469 470	- Commodity Total		138,699	129,905	- 7,945	- 798	- 15	- 4	- 2	- 30	0%
471			130,623	129,905	7,545	/98	13	4	2	30	
472	916 - Misc Sales Expense										
473 474	- Demand - Customer		-	-	-	-	-	-	_	_	
475	- Commodity	<u>-</u>	-								
471 472 473 474 475 476 477	Total		-	-	-	-	-	-	-	-	
478	Total Sales Expense		1,683,105								
479	- Demand		-	-	-	-	-	-	-	-	
480 481	- Customer- Commodity		1,683,105	676,755	914,354	91,838	45	14	5	94	
		-	1,683,105	676,755	914,354	91,838	45	14	- 5	94	

	A	В	C	D	E	F	G	Н	ı	1	К
1	Laclede Gas Company	<u> </u>	C	<u> </u>	Small	Large	Large		Vehicular	,	K
2	Allocation of O&M Expenses	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
3		Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
4											
483		•									
484	Administrative & General Expense										
485 486	Operations 920 - A&G Salaries		20,728,266								NONAGOPEXP
487		EVD Nov AGC D		2 200 764	272 400	F22.000	26.256	70	2 277	206 572	
488	- Demand - Customer	EXP_Non-A&G_D EXP_Non-A&G_C	3,619,330 16,949,210	2,398,764 14,784,733	372,489 1,452,631	522,900 549,535	26,256 26,258	70 14,343	2,277 3,290	296,573 118,420	17% 82%
489	- Customer - Commodity	EXP_Non-A&G_C EXP_Non-A&G_E	159,726	80,025	12,715	21,641	1,641	1,152	519	42,034	1%
490	Total	EXF_NOIFAGG_E	20,728,266	17,263,521	1,837,836	1,094,076	54,155	15,565	6,086	457,027	1/0
491	1000		20,720,200	17,200,521	2,037,030	2,03 1,07 0	3 1,133	13,303	0,000	137,027	
492	921 - Office supplies		1,325,382								NONAGOPEXP
493	- Demand	EXP_Non-A&G_D	231,423	153,379	23,817	33,435	1,679	4	146	18,963	17%
494	- Customer	EXP_Non-A&G_C	1,083,746	945,348	92,882	35,138	1,679	917	210	7,572	82%
495	- Commodity	EXP_Non-A&G_E	10,213	5,117	813	1,384	105	74	33	2,688	1%
496	Total		1,325,382	1,103,843	117,513	69,956	3,463	995	389	29,223	
497											
498	922 - Administrative Expense Transfer		(12,025,514)	4							NONAGOPEXP
499	- Demand	EXP_Non-A&G_D	(2,099,756)	(1,391,644)	(216,100)	(303,361)	(15,233)	(41)	(1,321)	(172,057)	17%
500	- Customer	EXP_Non-A&G_C	(9,833,093)	(8,577,370)	(842,745)	(318,813)	(15,234)	(8,321)	(1,909)	(68,702)	82%
501 502	- Commodity Total	EXP_Non-A&G_E	(92,665) (12,025,514)	(46,426)	(7,377)	(12,555)	(952) (31,418)	(668) (9,030)	(301)	(24,386)	1%
503	Total		(12,025,514)	(10,015,441)	(1,066,221)	(634,729)	(31,418)	(9,030)	(3,331)	(265,144)	
504	923 - Outside services employed		10,302,849								NONAGOPEXP
505	- Demand	EXP_Non-A&G_D	1,798,964	1,192,290	185,143	259,904	13,051	35	1,132	147,410	17%
506	- Customer	EXP Non-A&G C	8,424,494	7,348,655	722,021	273,143	13,051	7,129	1,635	58,860	82%
507	- Commodity	EXP Non-A&G E	79,391	39,776	6,320	10,757	816	573	258	20,893	1%
508	Total		10,302,849	8,580,720	913,484	543,803	26,918	7,737	3,025	227,162	
509											
510	924 - Property insurance		663,789								TOTPLT
511	- Demand	Plant_Total_D	205,745	135,230	20,983	29,576	1,528	2	140	18,287	31%
512	- Customer	Plant_Total_C	458,044	413,413	30,481	11,340	515	252	63	1,980	69%
513	- Commodity		-	-	-	-	-	-	-	-	0%
514 515	Total		663,789	548,643	51,464	40,916	2,043	254	203	20,267	
515	925 - Injuries and damages		6,254,665								NONAGOPEXP
517	- Demand	EXP Non-A&G D	1,092,117	723,817	112,397	157,783	7,923	21	687	89,490	17%
518	- Customer	EXP_Non-A&G_D EXP_Non-A&G_C	5,114,351	4,461,230	438,325	165,820	7,923	4,328	993	35,733	82%
519	- Commodity	EXP_Non-A&G_C	48,197	24,147	3,837	6,530	495	348	156	12,683	1%
520	Total		6,254,665	5,209,193	554,559	330,133	16,341	4,697	1,836	137,906	
521										-	
522	926 - Employed pensions & benefits		36,516,843								NONAGOPEXP
523	- Demand	EXP_Non-A&G_D	6,376,148	4,225,886	656,212	921,189	46,255	123	4,012	522,470	17%
524	- Customer	EXP_Non-A&G_C	29,859,306	26,046,161	2,559,090	968,112	46,259	25,269	5,796	208,621	82%
525	- Commodity	EXP_Non-A&G_E	281,388	140,979	22,400	38,125	2,891	2,029	914	74,050	1%
526	Total		36,516,843	30,413,027	3,237,702	1,927,426	95,405	27,421	10,721	805,141	
527 528	039 Regulatory commission expense		2,022,110								CUS
529	928 - Regulatory commission expense		2,022,110								
530	- Demand - Customer	D3 totalrevenues	- 2,022,110	- 1,607,340	- 160,335	- 152,774	- 11,058	- 5,800	- 1,079	- 83,723	0% 100%
531	- Customer - Commodity	D3_totalrevenues	2,022,110	1,007,340	100,335	152,774	11,058	5,600	1,079	63,/23	0%
532	- Commodity Total		2,022,110	1,607,340	160,335	152,774	11,058	5,800	1,079	83,723	0/0
533	1000		2,022,110	1,007,340	100,333	132,774	11,036	3,000	1,079	65,725	
555											

	А	В	C	D	F	F	G	Н	1 1	1	К
1	Laclede Gas Company				Small	Large	Large		Vehicular	,	IX
2	Allocation of O&M Expenses	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
3		Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
4											
534	930 - Misc. General Expenses		3,127,102								NONAGOPEXP
535	- Demand	EXP_Non-A&G_D	546,018	361,882	56,194	78,886	3,961	11	344	44,741	17%
536	- Customer	EXP_Non-A&G_C	2,556,987	2,230,450	219,146	82,904	3,961	2,164	496	17,865	82%
537	- Commodity	EXP_Non-A&G_E	24,097	12,073	1,918	3,265	248	174	78	6,341	1%
538	Total		3,127,102	2,604,405	277,259	165,054	8,170	2,348	918	68,948	
539											
540	931 - Rents		2,148,699								PTD PLANT
541	- Demand	Plant Dist_D	666,460	433,863	67,260	95,253	5,081	-	493	64,510	31%
542	- Customer	Plant Dist_C	1,482,239	1,337,813	98,639	36,697	1,665	815	203	6,408	69%
542 543 544	- Commodity		- 2440.500		465.000	- 424 040		-	-	- 70.010	0%
544	Total		2,148,699	1,771,676	165,899	131,949	6,747	815	696	70,918	
545 546	Total Operations Expenses		71,064,191								
547	- Demand		12,436,450	8,233,467	1,278,396	1,795,564	90,502	225	7,909	1,030,387	
547 548 549 550	- Customer		58,117,394	50,597,772	4,930,807	1,956,649	97,136	52,696	11,855	470,480	
549	- Commodity		510,346	255,690	40,627	69,146	5,243	3,681	1,657	134,303	
550	Total	•	71,064,191	59,086,928	6,249,830	3,821,359	192,881	56,602	21,422	1,635,169	•
551			,,		-,,	2,022,000			,	_,,,,,,,,	
552	Maintenance										
553	932 - Maintenance of general plant		208,378								GENPLT
554	- Demand	Plant_Gen_D	64,148	42,162	6,542	9,221	476	1	44	5,701	31%
555	- Customer	Plant_Gen_C	144,230	130,176	9,598	3,571	162	79	20	624	69%
556	- Commodity		-	-	-	-	-	-	-	-	0%
557	Total		208,378	172,339	16,140	12,792	638	80	63	6,325	
558											
559	Payroll Adjustment		7 505 524								NONACOREVO
560	Payroll Adjustment		7,596,534								NONAGOPEXP
561	- Demand	EXP_Non-A&G_D	1,326,419	879,104	136,511	191,633	9,622	26	835	108,689	17%
562 563	- Customer	EXP_Non-A&G_C	6,211,579	5,418,337	532,363	201,395	9,623 601	5,257 422	1,206 190	43,399	82% 1%
564	- Commodity Total	EXP_Non-A&G_E	58,537 7,596,534	29,328 6,326,768	4,660 673,533	7,931 400,959	19,847	5,704	2,230	15,405 167,492	1%
564 565	Total		7,550,554	0,320,708	0/3,333	400,959	15,647	5,704	2,230	107,492	
566	Total A&G Expense		78,869,102								
567	- Demand		13,827,017	9,154,733	1,421,449	1,996,419	100,601	252	8,788	1,144,777	
568	- Customer		64,473,203	56,146,285	5,472,768	2,161,614	106,921	58,032	13,081	514,502	
569	- Commodity		568,883	285,017	45,287	77,077	5,844	4,103	1,847	149,707	
570	Total	•	78,869,102	65,586,035	6,939,504	4,235,110	213,366	62,386	23,715	1,808,986	
571											
572	Total O&M Expense		180,822,158								
573	- Demand		29,183,408	19,405,225	3,014,223	4,224,618	209,714	668	17,766	2,311,194	
574	- Customer		149,861,435	129,256,272	13,678,297	5,260,167	258,258	143,825	32,212	1,232,403	
575	- Commodity		1,777,315	890,456	141,487	240,806	18,259	12,818	5,770	467,719	
576	Total		180,822,158	149,551,953	16,834,007	9,725,592	486,231	157,311	55,748	4,011,316	

П	Α	В	C.	D	E	F	G	Н	ı	J	K
1	Laclede Gas Company	<u> </u>			Small	Large	Large		Vehicular	-	
2	Allocation of Depreciation and	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
3	Amortization	Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
4										<u> </u>	
5	Intangible Plant										
6	301 - Organization Costs		<u> </u>								NINTPLT
7	- Demand	Plant Nonint_D	-	-	-	-	-	-	-	-	31%
8	- Customer	Plant Nonint_C	-	-	-	-	-	-	-	-	69%
9 10	- Commodity	-	-	-	-		-	-		-	0%
11	Total		-	-	-	-	-	-	-	-	
12	302 - Franchise and Consents										NINTPLT
13	- Demand	Plant Nonint_D		_		_	_	-	-	_	31%
14	- Customer	Plant Nonint_C	-	-	-	-	-	-	-	-	69%
15	- Commodity		-				<u> </u>		<u> </u>		0%
16	Total		-	-	-	-	-	-	-	-	
17	200 445 4 4 11 01 1										
18	303 - Misc. Intangible Plant		-								
19	- Demand		-	-	-	-	-	-	-	-	
20	- Customer		-	-	-	-	-	-	-	-	
21 22 23 24	- Commodity Total		-	-	-	-	-	-	-	-	•
23	TOtal		-	-	-	-	-	-	-	-	
24	Total Intangible Plant		-								
25	- Demand		-	-	-			-	-	-	
25 26	- Customer		-	-	-	-	-	-	-	-	
27 28 29	- Commodity			<u>-</u>	<u>-</u>	<u>-</u>	<u> </u>	-	<u> </u>	<u>-</u>	•
28	Total		-	-	-	-	-	-	-	-	
29		1									
30	Production Plant										DEM
31	304 - Land & Land Rights-Mfg Gas	Diant Caster D									DEM
32 33	- Demand - Customer	Plant GasInvDem	-	-	-	-	-	-	-		100% 0%
34	- Customer - Commodity			-	-	-	-	-	-	-	0%
35	Total		-	-	-	-	-	-	-	-	3/0
36											
36 37	305 - Structures & Improvements-Mfg Gas		31,213								DEM
38 39	- Demand	Plant GasInvDem	31,213	22,713	3,556	4,777	163	4	1	-	100%
39	- Customer	-	-	-	-	-	-	-	-	-	0%
40	- Commodity	-	-	-	-	-	-	-	-	-	0%
41	Total		31,213	22,713	3,556	4,777	163	4	1	-	
40 41 42 43	307 - Other Power Equipment		5,566								DEM
43	- Demand	Plant GasInvDem	5,566	4,050	634	852	29	1	0		100%
44 45	- Demand - Customer	Plant Gasinvbem	5,566	4,050	534	852	29	1	-	-	0%
46	- Commodity		-	-	-	-	-	-	-	-	0%
46 47 48 49	Total		5,566	4,050	634	852	29	1	0	_	3,0
48			-,0-0	,,,,,	-			_	-		
49	311 - Propane Equipment-Gas Ops		176,219								DEM
50	- Demand	Plant GasInvDem	176,219	128,232	20,076	26,967	919	22	3	-	100%
51	- Customer	-	-	-	-	-	-	-	-	-	0%
52 53 54	- Commodity	-	-	-	-	-	<u> </u>	-	-	-	0%
53	Total		176,219	128,232	20,076	26,967	919	22	3	-	
54											

	А	В	С	D	E	F	G	Н	1	1	K
1	Laclede Gas Company	, , ,		<u> </u>	Small	Large	Large	**	Vehicular	,	K
2	Allocation of Depreciation and	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
3	Amortization	Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
4 55	311.1 - Propane Storage Cavern-Gas Ops		53,610							I	DEM
56	- Demand	Plant GasInvDem	53,610	39,011	6,107	8,204	280	7	1	-	100%
57	- Customer	-	-	-	-	-	-	-	-	-	0%
58	- Commodity	-		-	-	-	•	-	-	-	0%
59 60	Total		53,610	39,011	6,107	8,204	280	7	1	-	
61	Total Production Plant		266,608								
62	- Demand		266,608	194,007	30,373	40,799	1,390	34	5	-	
63	- Customer		-	-	-	-	-	-	-	-	
64 65	- Commodity		- 200 000	-	- 20 272	40,799	1,390	34	-	-	
66	Total		266,608	194,007	30,373	40,799	1,390	34	5	-	
67	Underground Storage Plant	1									
68	350.1 - Land	-								Į.	DEM
69 70	- Demand	Plant GasInvDem	-	-	-	-	-	-	-	-	100%
71	- Customer - Commodity			-	-	-		-		-	0% 0%
72	Total		-	-	-	-	-	-	-	-	0,0
72 73 74										-	
74 75	350.2 - Rights of Way										DEM
75 76	- Demand - Customer	Plant GasInvDem	-		-	-	-	-	-	-	100% 0%
77	- Commodity	_	-	-	-	-	-	-	-	_	0%
78	Total		-	-	-	-	-	-	-	-	
79 80	254.2. Communication Shortless Shouthers		20.404							Г	DEM
81	351.2 - Compression Station Structure - Demand	Plant GasInvDem	20,404	14.040	2 225	2 122	100	3	0	_	100%
82	- Customer	- Plant Gasinvbern	20,404	14,848	2,325 -	3,122	106	- -	0	-	0%
83 84	- Commodity	-	-	-	-	-	-	-	-	-	0%
84	Total		20,404	14,848	2,325	3,122	106	3	0	-	
85 86	351.4 - Other Structures		22,014							Г	DEM
87	- Demand	Plant GasInvDem	22,014	16,020	2,508	3,369	115	3	0	_	100%
88	- Customer	-			-	-	-	-	-	-	0%
89	- Commodity	-	-	-	-	-	-	-	-	-	0%
90 91 92	Total		22,014	16,020	2,508	3,369	115	3	0	-	
92	352 - Wells		74,304							Г	DEM
0.3	- Demand	Plant GasInvDem	74,304	54,070	8,465	11,371	387	9	1	-	100%
94	- Customer	-	-	-	-	-	-	-	-	-	0%
95	- Commodity	-	74,304	54,070	8,465	11,371	387	- 9	- 1	-	0%
94 95 96 97	Total		74,304	54,070	8,465	11,3/1	367	9	1	-	
98	352.1 - Storage Leaseholds & Rights									ſ	DEM
99	- Demand	Plant GasInvDem	-	-	-	-	-	-	-	-	100%
100		-	-	-	-	-	-	-	-	-	0%
101 102	- Commodity Total	-	-	-	-	-	-	-	-		0%
103	·										
104	352.2 - Reservoirs		2,989								DEM
105	- Demand	Plant GasInvDem	2,989	2,175	341	457	16	0	0	-	100%
106 107	- Customer - Commodity	-	-	-	-	-	-	-	-	-	0% 0%
107		-	2,989	2,175	341	457	16	0	- 0	-	0/0
109			-,	_, 3		:='		-	-		

	А	В	С	D	E	F	G	Н	ı	J	K
1	Laclede Gas Company				Small	Large	Large		Vehicular		
2	Allocation of Depreciation and	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
3	Amortization	Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
4											
110	352.3 - Non-Recoverable Natural Gas		72,190								DEM
111	- Demand	Plant GasInvDem	72,190	52,532	8,224	11,047	376	9	1	-	100%
112 113	- Customer - Commodity	-	-	-	-	-	-	-	-	-	0% 0%
114	- Commodity Total	-	72,190	52,532	8,224	11,047	376	9	1	-	U%
115	Total		72,130	32,332	0,224	11,047	370	9	1		
116	352.4 - Wells - Oil & Vent Gas		23,580								DEM
117	- Demand	Plant GasInvDem	23,580	17,159	2,686	3,609	123	3	0	-	100%
118	- Customer	-	-	-	-	-	-	-	-	-	0%
119	- Commodity	-	-	-	-	-	-	-	-	-	0%
120	Total		23,580	17,159	2,686	3,609	123	3	0	-	
121 122	353 - Lines		33,654							ı	DEM
123		Dlant Carlos Day		24.402	2.02*	F 4F0	475				
123	- Demand - Customer	Plant GasInvDem	33,654	24,489	3,834	5,150	175	4	1	-	100% 0%
125	- Commodity										0%
126	Total		33,654	24,489	3,834	5,150	175	4	1	-	070
127			55,55	,	2,221	5,255					
128	354 - Compressor Station Equipment		33,522								DEM
129	- Demand	Plant GasInvDem	33,522	24,394	3,819	5,130	175	4	1	-	100%
130	- Customer	-	-	-	-	-	-	-	-	-	0%
131	- Commodity	-	-	-	-	-	-	-	-	-	0%
132 133	Total		33,522	24,394	3,819	5,130	175	4	1	-	
134	355 - Measuring & Regulating Equipment		40,231							ı	DEM
135	- Demand	Plant GasInvDem	40,231	29,275	4,583	6,157	210	5	1	_	100%
136	- Customer	- and Gasinviden		-	-,505	-	-			_	0%
137	- Commodity			-		-	_	_	-	-	0%
138 139	Total		40,231	29,275	4,583	6,157	210	5	1	-	
140	356 - Purification Equipment		5,546								DEM
141	- Demand	Plant GasInvDem	5,546	4,036	632	849	29	1	0	-	100%
142 143	- Customer	-	-	-	-	-	-	-	-	-	0%
143	- Commodity	-	5,546	4,036	632	- 849	- 29	- 1	- 0	-	0%
144	Total		5,546	4,036	632	849	29	1	U	-	
146	357 - Other Equipment		3,044							j	DEM
147	- Demand	Plant GasInvDem	3,044	2,215	347	466	16	0	0	-	100%
148	- Customer	-	-	-	-	-	-	-	-	-	0%
149	- Commodity	-	-	-	-	<u>-</u>	<u>-</u>	-	-	-	0%
150	Total		3,044	2,215	347	466	16	0	0	-	
151	Tatal Hadanas and Channe Blank		224 472								
152	Total Underground Storage Plant		331,479						_		
153 154	- Demand		331,479	241,213	37,763	50,727	1,728	42	6	-	
154	- Customer - Commodity		-	-	-	-	-	-	-	-	
156	- Commodity Total		331,479	241,213	37,763	50,727	1,728	42	- 6	-	
157	1000		331,475	241,213	37,703	30,727	1,720	42	0	-	
$\overline{}$											

	A	В	С	D	E	F	G	Н	ı	J	K
1	Laclede Gas Company				Small	Large	Large		Vehicular		
3	Allocation of Depreciation and Amortization	Allocation Factor	Total Company	Residential RS	General Srv SGS	General Srv LGS	Volume LV	Interruptible IN	Fuel VF	Transportation Transp.	Classification Factor
4											
158 159	Other Storage Equipment 360 - Land & Land Rights									ı	DEM
160	- Demand	Plant GasInvDem		-	-	-	-	-	-	-	100%
161	- Customer	-	-	-	-	-	-	-	-	-	0%
162 163	- Commodity Total	-	-	-	-	-	-		-		0%
164										_	
165 166	361 - Structures & Improvements	B									DEM
167	- Demand - Customer	Plant GasInvDem	-	-	-	-	-	-	-	-	100% 0%
168	- Commodity	-	-	-	-	-	-	-	-	-	0%
169 170	Total		-	-	-	-	-	-	-	-	
169 170 171	362 - Gas Holders									ſ	DEM
172	- Demand	Plant GasInvDem	-	-	-	-	-	-	-	- [100%
173 174	- Customer- Commodity	-	-	-	-	-	-	-	-	-	0% 0%
175	Total		-	-	-	-	-	-	-	-	570
176 177	363.3 - Compressor Equipment		_							ı	DEM
178	- Demand	Plant GasInvDem		-	-	-	-	-	-	-	100%
179	- Customer	-	-	-	-	-	-	-	-	-	0%
180	- Commodity Total	-	<u> </u>	-		-	-	<u> </u>	<u> </u>	-	0%
181 182	Total										
183	Total Other Storage Equipment										
184 185	- Demand - Customer		-	-	-	-	-	-	-	-	
186	- Commodity		-	-	-	-	-	-	-		
187 188	Total		-	-	-	-	-	-	-	-	
189	Transmission Plant	1									
190	365.2 - Rights-of-Way									ļ	DEM
191 192	- Demand - Customer	D2_Demand	-	-	-	-	-	-	-	-	100% 0%
193	- Commodity	-	-	-	-	-	-	-	-	-	0%
194	Total		-	-	-	-	-	-	-	-	
195 196	367 - Mains		28,999							Ī	DEM
197	- Demand	D2_Demand	28,999	18,878	2,927	4,145	221	-	21	2,807	100%
198 199	- Customer- Commodity	-	-	-	-	-	-	-	-	-	0% 0%
200	Total		28,999	18,878	2,927	4,145	221	-	21	2,807	570
201 202	371 - Other equipment		225							ı	DEM
203	- Demand	D2_Demand	225	146	23	32	2	-	0	22	100%
204	- Customer	-	-	-	-	-	-	-	-	-	0%
205 206	- Commodity Total	-	- 225	- 146	- 23	32	- 2	-	- 0	- 22	0%
207 208				140	23	32	2	-	J	22	
	Total Transmission Plant		29,224	40.05-	20:-	==	22-		22	2.05-	
209 210	- Demand - Customer		29,224	19,025	2,949	4,177 -	223	-	22 -	2,829	
211	- Commodity		-	-	-	-	-	-	-	-	
212	Total		29,224	19,025	2,949	4,177	223	-	22	2,829	

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Laclede Gas Company Schedule TSL-D5
Cost of Service Study PAGE 43 OF 54
12 Months Ending December 31, 2016

	А	В	С	D	E	F	G	Н	I	J	K
1	Laclede Gas Company				Small	Large	Large		Vehicular		
2	Allocation of Depreciation and	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
3	Amortization	Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
4											
213											

FILE NAME: LAC COSS Model_10APR17

TAB NAME: Alloc Depre Exp

Marcial Selections	A	В	С	D	E	F	G	н	1	1	K
Montage		, and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second	<u> </u>	, and the second					Vehicular	,	K
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March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March Marc		Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
Commonding			_								DIS376-379
Casement Pint \$79-299 C		Plant 376-379 D	_	-	_	-	_	_	-		
1972 Total	217 - Customer		-	-	-	-	-	-	-	-	37%
Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second S		-	-	-	-	-	-	-	-	-	0%
2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007 2007			-	-	-	-	-	-	-	-	
Demand	220 221 375 - Structures & Improvements		435.714								DIS376-379
Continemer Plant 376-379 C		Plant 376-379 D		178,369	27,652	39,160	2,089	_	203	26,521	
March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March March Marc	223 - Customer		161,721	151,467	9,264	930	17	5	2		37%
Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part Part	- Commodity	-					-	-	-	-	0%
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Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand Demand D	227 376.1 - Mains - Steel		3,322,608								DISMAIN
Cl_customer L20, 255 L10, 120, 120 Cl_customer L20, 255 L10, 120, 120 Cl_customer L20, 255 L10, 120, 120 Cl_customer L20, 255 Cl_customer L20, 25		D2 Demand		1,342,408	208,108	294,719	15,722	-	1,525	199,600	
Total State Stat	229 - Customer							40			
229 76.2 Mains - Cast Iron		-	-	-	-			-	-	-	0%
Dismonth Property		3,322,608	2,523,011	280,313	301,972	15,855	40	1,541	199,876		
Def	232 233		713.488								DISMAIN
Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Claustomer Cla		D2 Demand		288,265	44,689	63,287	3,376	_	328	42,862	
	235 - Customer							9			
	- Commodity	-	-	-	-	-	-	-	-	-	0%
			713,488	541,785	60,194	64,845	3,405	9	331	42,921	
Part			7,094,892								DISMAIN
Customer Clustomer Clust		D2 Demand		2,866,494	444,381	629,326	33,572	-	3,257	426,213	62%
1	- Customer	_						86			38%
244	242 - Commodity	-	-	-	-	-	-	-	-	-	0%
Demand D2_Demand 472,784 307,781 47,714 67,572 3,605 - 350 45,763 100% - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,7	243 Total		7,094,892	5,387,482	598,563	644,812	33,856	86	3,290	426,803	
Demand D2_Demand 472,784 307,781 47,714 67,572 3,605 - 350 45,763 100% - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,764 - 24,7	245 378 - Meas. & Reg. Station - General		472,784								DEM
Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer	246 - Demand	D2 Demand		307,781	47,714	67,572	3,605	-	350	45,763	100%
Value	- Customer	-			-	-	-	-	-		0%
Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second Second S	248 - Commodity	-	-	-	-		-	-	-	-	0%
Demand D2_Demand 105,523 68,695 10,650 15,082 805 - 78 10,214 100%	249 Total		472,784	307,781	47,714	67,572	3,605	-	350	45,763	
Demand D2_Demand 105,523 68,695 10,650 15,082 805 - 78 10,214 100%	250 251 379 - Meas. & Reg. Station - City Gate		105,523								DEM
Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer Customer		D2_Demand		68,695	10,650	15,082	805	-	78	10,214	
Total 105,523 68,695 10,650 15,082 805 - 78 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214 10,214	253 - Customer	-						-			0%
Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Sect	254 - Commodity	-		-			-	-	-	-	0%
Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Sect	255 Total		105,523	68,695	10,650	15,082	805	-	78	10,214	
Demand Control Contr			2,025,626								CUS
Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Commodity Comm		-		-	-	-	-	-	-	-	
Total	259 - Customer	C6_services	2,025,626	1,878,245	114,308	29,953	983	260	105	1,773	100%
262 263 38.0.2 - Services - Plastic 24,216,098		-	-	-	-	-	-	-	-	-	0%
264 - Demand 0% 265 - Customer - C6_services 24,216,098 22,454,173 1,366,533 358,086 11,753 3,107 1,250 21,195 100% 266 - Commodity 0% 267 Total 24,216,098 22,454,173 1,366,533 358,086 11,753 3,107 1,250 21,195			2,025,626	1,878,245	114,308	29,953	983	260	105	1,773	
264 - Demand 0% 265 - Customer - C6_services 24,216,098 22,454,173 1,366,533 358,086 11,753 3,107 1,250 21,195 100% 266 - Commodity 0% 267 Total 24,216,098 22,454,173 1,366,533 358,086 11,753 3,107 1,250 21,195	263 380.2 - Services - Plastic		24,216,098								CUS
265 - Customer C6_services 24,216,098 22,454,173 1,366,533 358,086 11,753 3,107 1,250 21,195 100% 266 - Commodity - - - - - - - - - - 0% 267 Total 24,216,098 22,454,173 1,366,533 358,086 11,753 3,107 1,250 21,195	264 - Demand	-	-	-	-	-	-	-	-	-	
266 - Commodity - - - - - - - - - - 0% 267 Total 24,216,098 22,454,173 1,366,533 358,086 11,753 3,107 1,250 21,195	265 - Customer	C6_services	24,216,098	22,454,173	1,366,533	358,086	11,753	3,107	1,250	21,195	
Total 24,216,098 22,454,173 1,366,533 358,086 11,753 3,107 1,250 21,195	266 - Commodity	-	-	-	-	-	-	-	-	-	0%
	267 Total 268		24,216,098	22,454,173	1,366,533	358,086	11,753	3,107	1,250	21,195	

	А	В	С	D	E	F	G	Н	1 1	1	K
1	Laclede Gas Company	U	<u> </u>	<u> </u>	Small	Large	Large	11	Vehicular	,	Λ.
2	Allocation of Depreciation and	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
3	Amortization	Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
4 269	381 - Meters		3,070,122							I	CUS
270	- Demand	-	-	-	-	-	-	-	-	-	0%
271	- Customer	C3_meters	3,070,122	2,564,647	363,211	112,688	3,722	2,487	555	22,811	100%
272	- Commodity	-	-	-	-	-	-	-	-	-	0%
273	Total		3,070,122	2,564,647	363,211	112,688	3,722	2,487	555	22,811	
274 275 276	383 - House Regulators		511,362							1	CUS
276	- Demand	-	-	-	-	-	-	-	-	-	0%
277	- Customer	C5_Regcus	511,362	372,859	48,285	66,940	4,978	2,183	504	15,612	100%
278 279	- Commodity	-		- 272.050	- 40.205	-	4,978	2,183	504	- 45 642	0%
280	Total		511,362	372,859	48,285	66,940	4,978	2,183	504	15,612	
280 281	385 - Commercial & Ind Meas & Reg Eq		470,614								CUS
282	- Demand	-	-	-	-	-	-	-	-	-	0%
283	- Customer	C14_385cus	470,614	-	97,725	264,023	16,251	10,057	2,174	80,384	100%
284 285	- Commodity Total	-	470,614	-	97,725	264,023	16,251	10,057	2,174	- 80,384	0%
286	1000		470,014	-	31,123	204,023	10,231	10,037	2,1/4	00,384	
286 287	386 - Other Property - Customer Premises		1,640								CUS
288	- Demand	-	-	-	-	-	-	-	-	-	0%
289 290	- Customer	C1_customers	1,640	1,536	94	9	0	0	0	0	100% 0%
290	- Commodity Total	-	1,640	1,536	94		- 0	- 0	- 0	- 1	0%
291 292 293	Total		1,040	1,330	34	,	· ·	Ŭ	Ü	0	
	387 - Other Equipment		11,289								CUS
294	- Demand	-	-	-	-	-	-	-	-	-	0%
295 296	- Customer - Commodity	Plant_374-386_C	11,289	10,189	751	279	13	6	2	49	100% 0%
297	Total	-	11,289	10,189	751	279	13	6	2	49	078
298 299				,							
299	Total Distribution Plant		42,451,760								
300 301	- Demand - Customer		7,760,433	5,052,011	783,193	1,109,146	59,169 38,163	- 10 241	5,741	751,173	
302	- Customer - Commodity		34,691,327	31,388,226	2,242,064	857,205 -	38,103	18,241	4,643	142,785	
303	Total	•	42,451,760	36,440,238	3,025,257	1,966,351	97,332	18,241	10,384	893,958	
304		Ī									
305 306	General Plant Expense 389 - Land	_								Г	PTD PLANT
307	- Demand	PTD_D		-	-	_	_	-	_	_	31%
308	- Customer	PTD_C	-	-	-	-	-	-	-	-	69%
309	- Commodity	-	-	-	-	-	-	-	-	-	0%
310	Total		-	-	-	-	-	-	-	-	
311 312	390 - Structures & Improvements		17,099							Г	PTD PLANT
313	- Demand	PTD D	5,304	3,486	541	762	39	0	4	471	31%
314	- Customer	PTD_C	11,795	10,646	785	292	13	6	2	51	69%
315 316	- Commodity	-			-	-		-	-	-	0%
316	Total		17,099	14,132	1,326	1,054	53	7	5	522	
317 318	391 - Furniture & Fixtures		133,484							Г	PTD PLANT
319	- Demand	PTD_D	41,403	27,213	4,222	5,952	308	0	28	3,680	31%
320 321	- Customer	PTD_C	92,082	83,109	6,128	2,280	103	51	13	398	69%
321	- Commodity	-		-	-	-	-	-	-	-	0%
322 323	Total		133,484	110,322	10,350	8,231	411	51	41	4,078	
323											

	A	В	C	D	E	F	G	Н	1	1	К
1	Laclede Gas Company	В	C	В	Small	Large	Large	11	Vehicular	,	K
2	Allocation of Depreciation and	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
3	Amortization	Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
4 324	201.1 Data Processing Systems		2 570 220							i	PTD PLANT
325	391.1 - Data Processing Systems - Demand	PTD D	<u>2,578,339</u> 799,722	525,631	81,559	114,960	5,940	8	544	71,079	31%
326	- Customer	PTD_C	1,778,618	1,605,313	118,362	44,034	1,998	978	243	7,689	69%
327	- Commodity	-	-	-	-		-	-	-	-	0%
328	Total	•	2,578,339	2,130,944	199,921	158,994	7,938	986	788	78,768	
329 330											
330	391.2 - Mechanical Office Equipment		3,056				_				PTD PLANT
331	- Demand - Customer	PTD_D PTD_C	948	623 1,903	97 140	136 52	7 2	0 1	1 0	84 9	31% 69%
333	- Customer - Commodity	PID_C	2,108	1,903	140	52	2		-	9	0%
334	Total		3,056	2,526	237	188	9	1	1	93	070
335 336										_	
336	391.3 - Data Processing Software										PTD PLANT
337	- Demand	PTD_D	-	-	-	-	-	-	-	-	31%
338 339	- Customer	PTD_C	-	-	-	-	-	-	-	-	69% 0%
339	- Commodity Total	-	<u> </u>	<u> </u>	<u> </u>	-	-	-	-	-	υ%
341	Total										
340 341 342 343	391.4 - Data Processing Systems		32,998							j	PTD PLANT
343	- Demand	PTD_D	10,235	6,727	1,044	1,471	76	0	7	910	31%
344	- Customer	PTD_C	22,763	20,545	1,515	564	26	13	3	98	69%
345	- Commodity	-	32,998	27,272	2,559	2,035	102	- 13	10	1,008	0%
344 345 346 347 348	Total		32,998	21,212	2,559	2,035	102	13	10	1,008	
348	391.5 - Enterprise Software-EIMS		-							Ī	PTD PLANT
349	- Demand	PTD_D	-	-	-	-	-	-	-	-	31%
350	- Customer	PTD_C	-	-	-	-	-	-	-	-	69%
351	- Commodity	-	-	-	-	-	-	-	-	-	0%
352 353	Total		-	-	-	-	-	-	-	-	
354	392.1 - Transportation Eq - Automobiles		415,501							Í	PTD PLANT
355	- Demand	PTD D	128,876	84,706	13,143	18,526	957	1	88	11,454	31%
356	- Customer	PTD_C	286,626	258,697	19,074	7,096	322	158	39	1,239	69%
357	- Commodity	-	-	-	-	-	-	-	-	-	0%
358	Total		415,501	343,403	32,217	25,622	1,279	159	127	12,693	
359 360	392.2 - Transportation Eq - Trucks		1,353,582							I	PTD PLANT
361	- Demand	PTD D	419,840	275,947	42,817	60,352	3,118	4	286	37,315	31%
362	- Customer	PTD_C	933,743	842,761	62,138	23,117	1,049	513	128	4,037	69%
363	- Commodity	-	-	-	-	-	-	-	-	-	0%
364	Total		1,353,582	1,118,708	104,955	83,469	4,167	518	414	41,352	
365 366	393 - Stores Equipment		7,382							i	PTD PLANT
367	- Demand	PTD_D	2,290	1,505	234	329	17	0	2	204	31%
368	- Customer	PTD_C	5,092	4,596	339	126	6	3	1	22	69%
368 369 370	- Commodity	-	-,							-	0%
370	Total		7,382	6,101	572	455	23	3	2	226	
371 372	204 Tools Shan 9 Career Fredrices		204 205							ı	DTD DI ANIT
373	394 - Tools, Shop & Garage Equipment	DTD D	384,396	70.255	42.450	47.400	005	_	24	40.503	PTD PLANT
374	- Demand - Customer	PTD_D PTD_C	119,228 265,168	78,365 239,331	12,159 17,646	17,139 6,565	886 298	1 146	81 36	10,597 1,146	31% 69%
375	- Commodity	- TID_C	203,100	233,331		-	-	-	-	- 1,140	0%
376	Total		384,396	317,696	29,806	23,704	1,183	147	117	11,743	
377											

	A	В	С	D	E	F I	G	Н	, 1	, 1	K
1	Laclede Gas Company	В		U	Small	Large	Large	п	Vehicular	, ,	N N
2	Allocation of Depreciation and	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
3	Amortization	Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
4											
378	395 - Laboratory Equipment		10,950								PTD PLANT
379	- Demand	PTD_D	3,396	2,232	346	488	25	0	2	302	31%
380	- Customer	PTD_C	7,554	6,818	503	187	8	4	1	33	69%
381	- Commodity	-	-	-	-	-	-	-	-	-	0%
382	Total		10,950	9,050	849	675	34	4	3	335	
383 384	396 - Power Operated Equipment		1,546,614							ı	PTD PLANT
385	- Demand	PTD_D	479,712	315,299	48,923	68,958	3,563	5	327	42,637	31%
386	- Customer	PTD_C	1,066,902	962,945	70,999	26,414	1,199	587	146	4,612	69%
387	- Commodity		-	-	-	-	-	-	-	- 1,012	0%
388 389	Total		1,546,614	1,278,244	119,923	95,372	4,762	592	472	47,249	
										_	
390	397.0 - Communication Equipment		61,886								CUS
391	- Demand	-	-	-	-	-	-	-	-	-	0%
392	- Customer	PTD_C	61,886	55,856	4,118	1,532	70	34	8	268	100%
393	- Commodity	-						<u> </u>		-	0%
394 395	Total		61,886	55,856	4,118	1,532	70	34	8	268	
396	398 - Miscellaneous Equipment		108,125							Ī	PTD PLANT
397	- Demand	PTD_D	33,537	22,043	3,420	4,821	249	0	23	2,981	31%
398	- Customer	PTD_C	74,588	67,320	4,964	1,847	84	41	10	322	69%
398 399	- Commodity		-	-	-	-	-	-	-	-	0%
400 401	Total		108,125	89,363	8,384	6,668	333	41	33	3,303	
401											
402	Total General Plant		6,653,413								
403 404	- Demand		2,044,489	1,343,777	208,506	293,895	15,185	21	1,392	181,713	
404	- Customer		4,608,924	4,159,841	306,711	114,106	5,178	2,534	630	19,924	
405	- Commodity Total		6,653,413	5,503,617	515,217	408,001	20,363	2,555	2,022	201,637	
407	Total		0,033,413	3,303,017	313,217	408,001	20,303	2,333	2,022	201,037	
408	Less: Depreciation Charged to Clearing										
409											
410	Depreciation Charged to Clearing		(1,129,993)								TOTPLT
411	- Demand	Plant_Total_D	(350,248)	(230,207)	(35,720)	(50,348)	(2,601)	(4)	(238)	(31,130)	31.00%
412	- Customer	Plant_Total_C	(779,745)	(703,768)	(51,890)	(19,305)	(876)	(429)	(107)	(3,371)	69.00%
413	- Commodity		-	-	-	-	-	-	-	-	0.00%
414	Total		(1,129,993)	(933,975)	(87,610)	(69,653)	(3,477)	(432)	(345)	(34,501)	
415 416											
416	Add: Amortization	1									
417	Add. Amortization										
419	352.1 - Storage Leaseholds & Rights		406							Г	DEM
420	- Demand	Plant GasInvDem	406	295	46	62	2	0	0	-	100%
421	- Customer		-	-	-	-	-	-	-	-	0%
422	- Commodity		<u>-</u> -		-	-	-			-	0%
423	Total		406	295	46	62	2	0	0	-	
424											

	А	В	С	D	F	F	G	н		,	K
1	Laclede Gas Company	В	C	U	Small	Large	Large	11	Vehicular	,	K
2	Allocation of Depreciation and	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
3	Amortization	Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
4											
425	390 - Structures & Improvements		126,256								PTD PLANT
426	- Demand	PTD_D	39,161	25,739	3,994	5,629	291	0	27	3,481	31%
427	- Customer	PTD_C	87,095	78,609	5,796	2,156	98	48	12	377	69%
428 429	- Commodity		-	-	-	-	-	-	-	-	0%
429	Total		126,256	104,348	9,790	7,786	389	48	39	3,857	
430										_	
431	391.3 - Data Processing Software		2,233,323								PTD PLANT
432	- Demand	PTD_D	692,708	455,295	70,646	99,577	5,145	7	472	61,568	31%
433	- Customer	PTD_C	1,540,615	1,390,501	102,524	38,142	1,731	847	211	6,660	69%
434 435	- Commodity	-	2,233,323	4.045.705	173,169	137,719	6,876	- 854	682	68,228	0%
436	Total		2,233,323	1,845,796	1/3,169	137,/19	6,876	854	682	68,228	
437	391.5 - Enterprise Software-EIMS		3,438,162								PTD PLANT
438	- Demand	PTD_D	1,066,412	700,918	108,758	153,296	7,921	11	726	94,782	31%
439	- Customer	PTD_C	2,371,750	2,140,652	157,833	58,719	2,665	1,304	324	10,253	69%
440	- Commodity		-	-	-	-	-	-	-	-	0%
439 440 441	Total		3,438,162	2,841,570	266,591	212,015	10,585	1,315	1,050	105,035	
442										_	
443	Other Leased Property		469,224								PTD PLANT
444 445	- Demand	PTD_D	145,539	95,658	14,843	20,921	1,081	1	99	12,935	31%
445	- Customer	PTD_C	323,685	292,146	21,540	8,014	364	178	44	1,399	69%
446	- Commodity		-	-	-	-	-	-	-	-	0%
447 448	Total		469,224	387,804	36,383	28,935	1,445	179	143	14,335	
448	Total Amortization		6,267,370								
450	- Demand		1,944,225	1,277,905	198,286	279,486	14,439	20	1,323	172,766	
451	- Customer		4,323,145	3,901,907	287,693	107,031	4,857	2,377	591	18,689	
452	- Commodity		-,323,143	-	-	-	-,057	-	-	-	
453	Total	-	6,267,370	5,179,812	485,979	386,516	19,296	2,397	1,915	191,455	
454			,	,-	-,-	-,-	-,	,	,-	,	
455	Total Depreciation and Amortization	_	54,869,862								
456	- Demand		12,026,210	7,897,731	1,225,351	1,727,881	89,533	113	8,251	1,077,351	
457	- Customer		42,843,652	38,746,206	2,784,578	1,059,037	47,322	22,724	5,758	178,027	
458	- Commodity		-	-	-	-	-	-	-	-	
459	Total		54,869,862	46,643,937	4,009,929	2,786,918	136,854	22,836	14,009	1,255,378	

	A	В	С	D	Е	F	G	Н	I	J	К
1	Laclede Gas Company				Small	Large	Large		Vehicular		
2	Allocation of Taxes Other Than Income	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
3		Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
4											
5	Ad Valorem		16,317,372								TOTPLT
6	- Demand	Plant_Total_D	5,057,668	3,324,241	515,804	727,038	37,565	52	3,443	449,523	31%
7	- Customer	Plant_Total_C	11,259,705	10,162,584	749,301	278,763	12,650	6,191	1,540	48,675	69%
8	- Commodity		-				-			-	0%
9	Total		16,317,372	13,486,825	1,265,105	1,005,802	50,215	6,243	4,983	498,199	
11	Payroll		5,281,239								NONTOTOIPEXP
12	- Demand	EXP_TTotal_D	923,399	611,787	94,998	133,380	6,705	17	583	75,928	17%
13	- Customer	EXP_TTotal_C	4,318,014	3,764,494	368,890	141,597	6,847	3,732	851	31,604	82%
14	- Commodity	EXP_TTotal_E	39,825	19,953	3,170	5,396	409	287	129	10,480	1%
	Total		5,281,239	4,396,234	467,058	280,372	13,962	4,037	1,563	118,013	
16											
17 18	Gross Receipts										
19	- Demand - Customer		-								
20	- Customer - Commodity		-								
21	Total	•	<u>:</u>								
22	Total										
23	Other		314,901								NONTOTOIPEXP
24	- Demand	EXP_TTotal_D	55,059	36,479	5,664	7,953	400	1	35	4,527	17%
25 26	- Customer	EXP_TTotal_C	257,468	224,463	21,996	8,443	408	223	51	1,884	82%
26	- Commodity	EXP_TTotal_E	2,375	1,190	189	322	24	17	8	625	1%
27	Total		314,901	262,132	27,849	16,718	832	241	93	7,037	
28 29	Total Taxes Other Than Income										
30	- Demand		6,036,126	3,972,508	616,466	868,371	44,670	71	4,061	529,979	
31	- Customer		15,835,187	14,151,541	1,140,186	428,803	19,906	10,146	2,441	82,164	
31 32	- Commodity		42,200	21,142	3,359	5,718	434	304	137	11,105	
33	Total	•	21,913,512	18,145,191	1,760,012	1,302,892	65,009	10,521	6,639	623,248	
34											

	A	В	С	D	E	F	G	Н	1	J
1	Laclede Gas Company	•			Small	Large	Large		Vehicular	
2	Allocation of Income Taxes	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation
3		Factor	Company	RS	SGS	LGS	LV	· IN	VF	Transp.
4										
5	Income Tax Calculation									
6	Operating Revenues	_	329,345,163	261,790,821	26,114,152	24,882,692	1,801,067	944,654	175,717	13,636,058
7	•									
8	Operating Expenses	_								
9	O&M Expenses		180,822,158	149,551,953	16,834,007	9,725,592	486,231	157,311	55,748	4,011,316
10	Depreciation & Amortization		54,869,862	46,643,937	4,009,929	2,786,918	136,854	22,836	14,009	1,255,378
11	Taxes Other than Income		21,913,512	18,145,191	1,760,012	1,302,892	65,009	10,521	6,639	623,248
12	Interest on Customer Deposits	C15_Intcus	114,944	80,593	31,164	3,130	57			-
13	Total Expenses excl. Income Taxes		257,720,476	214,421,674	22,635,112	13,818,532	688,152	190,668	76,396	5,889,942
14										
15	Net Income before Taxes & Interest		71,624,687	47,369,147	3,479,040	11,064,161	1,112,915	753,986	99,322	7,746,116
16										
17	Less:									
18	Flow through Adjustments	Rate Base_Total	19,187,363	15,721,136	1,562,719	1,256,309	61,080	8,107	5,831	572,181
19	Interest Expense	Rate Base_Total	21,924,033	17,963,423	1,785,607	1,435,495	69,792	9,264	6,662	653,791
20										
21	Net Income Before Taxes		30,513,290	13,684,588	130,714	8,372,357	982,043	736,615	86,828	6,520,144
22										
23 24	State Taxable Income Kansas City Income Tax	0.16%	30,513,290 50,255	13,684,588 22,539	130,714 215	8,372,357 13,789	982,043 1,617	736,615 1,213	86,828 143	6,520,144 10,739
_	Railsas City ilicollie Tax	0.10%	50,255	22,559	215	15,769	1,017	1,213	145	10,739
25										
26 27	State Taxable Income Missouri State Income Tax	5.19%	30,513,290 1,583,945	13,684,588 710,367	130,714 6,785	8,372,357 434,609	982,043 50,978	736,615 38,238	86,828 4,507	6,520,144 338,461
_	Wild State moonie Tax	3.13/0	1,363,343	710,507	0,765	434,003	30,376	30,230	4,507	330,401
28	Fodoral Tayabla Income		20 512 200	12 604 500	120 714	0 272 257	002.042	726 645	06.030	6 520 444
29 30	Federal Taxable Income Federal Income Tax	33.03%	30,513,290 10,079,455	13,684,588 4,520,430	130,714 43,179	8,372,357 2,765,641	982,043 324,398	736,615 243,326	86,828 28,682	6,520,144 2,153,799
31	. cacia. meanic tax	55.5570	10,075,455	7,320,730	75,175	2,703,041	327,330	2-3,320	20,002	2,133,733
32	Total Income Tax		11,713,656	5,253,336	50,180	3,214,039	376,993	282,777	33,332	2,502,999
33	Total licome Tax		11,713,030	3,233,330	30,180	3,214,039	370,333	202,777	33,332	2,302,333
34										
35	State Income Tax		1,634,200	732,905	7,001	448,398	52,595	39,451	4,650	349,199
36	Federal Income Tax		10,079,455	4,520,430	43,179	2,765,641	324,398	243,326	28,682	2,153,799
37	Calculated Income Tax		11,713,656	5,253,336	50,180	3,214,039	376,993	282,777	33,332	2,502,999
38			11,, 13,030	3,233,330	55,250	3,22.,333	3.3,333	202,777	55,552	2,552,555
39	Actual Income Taxes		11,713,656	5,253,336	50,180	3,214,039	376,993	282,777	33,332	2,502,999
40			_1,, 13,030	2,233,333	30,100	2,221,000	370,333	202,777	30,332	2,302,333
40										

Laclede Gas Company Laclede Gas Company Summary of Allocators Total Residential General Sry General Sry Volume Interruptible SGS LGS LV IN	Vehicular Fuel VF 0.00% 0.02% 0.10% 0.10% 0.01% 0.06% 0.06%	7 Transportation Transp. 0.02% 0.00% 0.74% 3.76% 3.05% 0.09% 2.49%
Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Company Comp	0.00% 0.00% 0.02% 0.10% 0.10% 0.01% 0.06%	0.02% 0.00% 0.74% 3.75% 3.05% 0.09%
External Allocators 6 C1_customers 100.00% 93.66% 5.73% 0.58% 0.01% 0.00% 9 C3_meters 100.00% 70.11% 27.11% 2.72% 0.05% 0.00% 10 C4_Metincus 100.00% 70.28% 11.27% 13.35% 0.76% 0.47% 11 C5_Regcus 100.00% 72.91% 9.44% 13.09% 0.97% 0.43% 12 C6_services 100.00% 92.72% 5.64% 1.48% 0.05% 0.01% 13 C7_Metregcus 100.00% 70.13% 16.81% 9.71% 0.51% 0.29% 14 C8_Nonlycus 100.00% 93.67% 5.73% 0.58% 0.00% 0.00% 15 C9_Residus 100.00% 100.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.00% 0.02% 0.10% 0.10% 0.01% 0.06%	0.02% 0.00% 0.74% 3.76% 3.05% 0.09%
External Allocators 100.00% 93.66% 5.73% 0.58% 0.01% 0.00% 8 C2_depcus 100.00% 70.11% 27.11% 2.72% 0.05% 0.00% 9 C3_meters 100.00% 83.54% 11.83% 3.67% 0.12% 0.08% 10 C4_Metincus 100.00% 70.28% 11.27% 13.35% 0.76% 0.47% 11 C5_Regcus 100.00% 72.91% 9.44% 13.09% 0.97% 0.43% 12 C6_services 100.00% 92.72% 5.64% 1.48% 0.05% 0.01% 13 C7_Metregcus 100.00% 70.13% 16.81% 9.71% 0.51% 0.29% 14 C8_Nonlycus 100.00% 93.67% 5.73% 0.58% 0.00% 0.00% 15 C9_Residcus 100.00% 100.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.02% 0.10% 0.10% 0.01% 0.06% 0.00%	0.00% 0.74% 3.76% 3.05% 0.09%
6 100.00% 93.66% 5.73% 0.58% 0.01% 0.00% 8 C2_depcus 100.00% 70.11% 27.11% 2.72% 0.05% 0.00% 9 C3_meters 100.00% 83.54% 11.83% 3.67% 0.12% 0.08% 10 C4_Metincus 100.00% 70.28% 11.27% 13.35% 0.76% 0.47% 11 C5_Regcus 100.00% 72.91% 9.44% 13.09% 0.97% 0.43% 12 C6_services 100.00% 92.72% 5.64% 1.48% 0.05% 0.01% 13 C7_Metregcus 100.00% 70.13% 16.81% 9.71% 0.51% 0.29% 14 C8_Nonlycus 100.00% 93.67% 5.73% 0.58% 0.00% 0.00% 15 C9_Residcus 100.00% 100.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.02% 0.10% 0.10% 0.01% 0.06% 0.00%	0.00% 0.74% 3.76% 3.05% 0.09%
7 C1_customers 100.00% 93.66% 5.73% 0.58% 0.01% 0.00% 8 C2_depcus 100.00% 70.11% 27.11% 2.72% 0.05% 0.00% 9 C3_meters 100.00% 83.54% 11.83% 3.67% 0.12% 0.08% 10 C4_Metricus 100.00% 70.28% 11.27% 13.35% 0.76% 0.47% 11 C5_Regcus 100.00% 72.91% 9.44% 13.09% 0.97% 0.43% 12 C6_services 100.00% 92.72% 5.64% 1.48% 0.05% 0.01% 13 C7_Metregcus 100.00% 70.13% 16.81% 9.71% 0.51% 0.29% 14 C8_Nonlycus 100.00% 39.67% 5.73% 0.58% 0.00% 0.00% 15 C9_Residcus 100.00% 100.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.02% 0.10% 0.10% 0.01% 0.06% 0.00%	0.00% 0.74% 3.76% 3.05% 0.09%
8 C2_depcus 100.00% 70.11% 27.11% 2.72% 0.05% 0.00% 9 C3_meters 100.00% 83.54% 11.83% 3.67% 0.12% 0.08% 10 C4_Metincus 100.00% 70.28% 11.27% 13.35% 0.76% 0.47% 11 C5_Regcus 100.00% 72.91% 9.44% 13.09% 0.97% 0.43% 12 C6_services 100.00% 92.72% 5.64% 1.48% 0.05% 0.01% 13 C7_Metregcus 100.00% 70.13% 16.81% 9.71% 0.51% 0.29% 14 C8_Nonlycus 100.00% 93.67% 5.73% 0.58% 0.00% 0.00% 15 C9_Residcus 100.00% 100.00% 0.00% 0.00% 0.00% 0.00%	0.00% 0.02% 0.10% 0.10% 0.01% 0.06% 0.00%	0.00% 0.74% 3.76% 3.05% 0.09%
9 C3 meters 100.00% 83.54% 11.83% 3.67% 0.12% 0.08% 10 C4_Metincus 100.00% 70.28% 11.27% 13.35% 0.76% 0.47% 11 C5_Regcus 100.00% 72.91% 9.44% 13.09% 0.97% 0.43% 12 C6_services 100.00% 92.72% 5.64% 1.48% 0.05% 0.01% 13 C7_Metregcus 100.00% 70.13% 16.81% 9.71% 0.51% 0.29% 14 C8_Nonlycus 100.00% 93.67% 5.73% 0.58% 0.00% 0.00% 15 C9_Residcus 100.00% 100.00% 0.00% 0.00% 0.00% 0.00%	0.02% 0.10% 0.10% 0.01% 0.06% 0.00%	0.74% 3.76% 3.05% 0.09%
10 C4_Metincus 100.00% 70.28% 11.27% 13.35% 0.76% 0.47% 11 C5_Regcus 100.00% 72.91% 9.44% 13.09% 0.97% 0.43% 12 C6_services 100.00% 92.72% 5.64% 1.48% 0.05% 0.01% 13 C7_Metregcus 100.00% 70.13% 16.81% 9.71% 0.51% 0.29% 14 C8_Nonlycus 100.00% 93.67% 5.73% 0.58% 0.00% 0.00% 15 C9_Residcus 100.00% 100.00% 0.00% 0.00% 0.00%	0.10% 0.10% 0.01% 0.06% 0.00%	3.76% 3.05% 0.09%
11 C5_Regcus 100.00% 72.91% 9.44% 13.09% 0.97% 0.43% 12 C6_services 100.00% 92.72% 5.64% 1.48% 0.05% 0.01% 13 C7_Metregcus 100.00% 70.13% 16.81% 9.71% 0.51% 0.29% 14 C8_Nonlycus 100.00% 93.67% 5.73% 0.58% 0.00% 0.00% 15 C9_Residcus 100.00% 100.00% 0.00% 0.00% 0.00% 0.00%	0.10% 0.01% 0.06% 0.00%	3.05% 0.09%
12 C6_services 100.00% 92.72% 5.64% 1.48% 0.05% 0.01% 13 C7_Metregcus 100.00% 70.13% 16.81% 9.71% 0.51% 0.29% 14 C8_Nonlycus 100.00% 93.67% 5.73% 0.58% 0.00% 0.00% 15 C9_Residcus 100.00% 100.00% 0.00% 0.00% 0.00%	0.01% 0.06% 0.00%	0.09%
13 C7_Metregcus 100.00% 70.13% 16.81% 9.71% 0.51% 0.29% 14 C8_Nonlycus 100.00% 93.67% 5.73% 0.58% 0.00% 0.00% 15 C9_Residcus 100.00% 100.00% 0.00% 0.00% 0.00% 0.00%	0.06% 0.00%	
14 C8_Nonlycus 100.00% 93.67% 5.73% 0.58% 0.00% 0.00% 15 C9_Residcus 100.00% 100.00% 0.00% 0.00% 0.00% 0.00%	0.00%	2.49%
15 C9_Residcus 100.00% 100.00% 0.00% 0.00% 0.00% 0.00%		
		0.02%
	0.00%	0.00%
16 C10_lglvcus 100.00% 0.00% 97.67% 1.79% 0.54% 17 C11 903cus 100.00% 93.53% 6,03% 0.41% 0.01% 0.00%		0.00%
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		0.00%
19 C13_912cus 100.00% 34.11% 59.87% 6.01% 0.00% 0.00% 20 C14 385cus 100.00% 0.00% 20.77% 56.10% 3.45% 2.14%	0.00% 0.46%	17.08%
20 C1=_363.03 100.00% 0.00% 20.77% 30.10% 3.43% 2.14% 21 C15 liftus 100.00% 70.11% 27.11% 2.72% 0.05% 0.00%	0.46%	0.00%
27.11% 27.12% 0.05% 0.00% 22.11% 27.12% 0.05% 0.00% 22.11% 27.12% 0.05% 0.00%	0.35%	20.33%
23 D2 Demand 100.00% 65.10% 10.09% 14.29% 0.76% 0.00%	0.07%	9.68%
24 D3 totalrevenues 100.00% 79.49% 7.93% 7.56% 0.55% 0.25%	0.05%	4.14%
25 D4 NonTranspSales 100.00% 67.95% 10.80% 18.42% 1.40% 0.99%	0.44%	0.00%
26 D5 NonTransplem 100.00% 72.08% 11.17% 15.82% 0.84% 0.00%	0.08%	0.00%
27 Plant GasinvDem 100.00% 72.77% 11.39% 15.30% 0.52% 0.01%	0.00%	0.00%
28	0.00,.	5.507.
29 Internal Allocators		
30		
31 Plant_Total_D 100.00% 65.73% 10.20% 14.37% 0.74% 0.00%	0.07%	8.89%
32 Plant_Total_C 100.00% 90.26% 6.65% 2.48% 0.11% 0.05%	0.01%	0.43%
33		
34 PTD_D 100.00% 65.73% 10.20% 14.37% 0.74% 0.00%	0.07%	8.89%
35 PTD_C 100.00% 90.26% 6.65% 2.48% 0.11% 0.05%	0.01%	0.43%
36		
37 Plant_Gen_D 100.00% 65.73% 10.20% 14.37% 0.74% 0.00%	0.07%	8.89%
38 Plant_Gen_C 100.00% 90.26% 6.65% 2.48% 0.11% 0.05%	0.01%	0.43%
39	0.070/	0.5007
40 Plant Dist_D 100.00% 55.10% 10.09% 14.29% 0.76% 0.00%	0.07%	9.68%
41 Plant Dist_C 100.00% 90.26% 6.65% 2.48% 0.11% 0.05%	0.01%	0.43%
42 43 Plant Nonint D 100.00% 65.16% 10.10% 14.30% 0.76% 0.00%	0.07%	9.60%
43 Plant Nonint D 100.00% 65.16% 10.10% 14.30% 0.76% 0.00% 44 Plant Nonint C 100.00% 90.26% 6.65% 2.48% 0.11% 0.05%	0.07%	9.60% 0.43%
44 Pialt Nollin_C 100.00% 90.20% 0.05% 2.46% 0.11% 0.05% 45 45 45 45 45 45 45 45 45 45 45 45 45	0.01%	0.43%
46 Plant 374-386 C 100.00% 90.26% 6.65% 2.48% 0.11% 0.05%	0.01%	0.43%
40 Figure 3/4-500_C 100.00% 30.20% 0.03% 2.46% 0.11% 0.03% 47 47 47 47 47 47 47 47 47 47 47 47 47	0.01%	0.43/0
48 Plant 376-379 D 100.00% 65.10% 10.09% 14.29% 0.76% 0.00%	0.07%	9.68%
49 Plant 376-379 C 100.00% 93.66% 5.73% 0.58% 0.01% 0.00%	0.00%	0.02%
50	3.0070	210270
51 Plant MainsSrv D 100.00% 65.10% 10.09% 14.29% 0.76% 0.00%	0.07%	9.68%
52 Plant MainsSrv C 100.00% 92.99% 5.67% 1.23% 0.04% 0.01%	0.00%	0.07%
53		
54 Rate Base_Total 100.00% 81.93% 8.14% 6.55% 0.32% 0.04%	0.03%	2.98%
55		

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	60	EXP_871-880_D	100.00	%	65.10%	10.09%	5	14.29%	0.76%	0.00%	0.07%	9.68%
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Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Section Sect		EXP_871-880_E	100.00	%	54.14%	8.60%	Ś	14.67%	1.12%	0.79%	0.35%	20.33%
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100,000		EM _0/1 0/3_E	100.00	70	34.1470	0.0070	,	14.0770	1.12/0	0.7570	0.5570	20.3370
		EXP 887-893 D	100.00	%	65.10%	10.09%	Ś	14.29%	0.76%	0.00%	0.07%	9.68%
			100.00	%	86.56%	8.68%	5	3.68%	0.18%	0.09%	0.02%	0.79%
1		EXP_902-904_C	100.00	%	93.48%	6.13%	5	0.36%	0.01%	0.00%	0.00%	0.01%
		EVP 012-012 C	100.00	0/_	40.249/	E4 220/		E 460/	0.000/	0.000/	0.000/	0.010/
17. 17. 17. 18. 10.000 66.28 10.29 14.45 0.73 0.00 0.66 8.19 1.4.5 1.4.5 0.73 0.00 0.66 8.19 1.4.5 0.75 0.08 0.02 0.70 0.70 1.4.5 0.70 0.70 1.4.5 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0.70 0		LAT_912-913_C	100.00	70	40.21/0	34.3370	,	3.40%	0.00%	0.00%	0.0078	0.01/6
Test		EXP Non-A&G D	100.00	%	66.28%	10.29%	ó	14.45%	0.73%	0.00%	0.06%	8.19%
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Total Description 100000		EXP_Non-A&G_E	100.00	%	50.10%	7.96%	S	13.55%	1.03%	0.72%	0.32%	26.32%
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			100.00	%	93.66%	5.73%	5	0.58%	0.01%	0.00%	0.00%	0.02%
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103 10.00% 70.13% 16.81% 9.71% 0.51% 0.29% 0.06% 2.49% 10.4 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5	101	C7_Metregcus_INPUT	78,165,21	8 \$	54,818,964	\$ 13,136,655	\$	7,589,368	\$ 396,315	\$ 227,873	\$ 49,688	\$ 1,946,354
104 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105 105	103	- -										2.49%
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109 100.00% 100.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00%		C9 Residcus INPUT	605.63	5	605.635							
	-					0.00%	5	0.00%	0.00%	0.00%	0.00%	0.00%
	110					3.0070		2.30%	2.0070	3.00%	3.0070	3.0070

П	A	В	С	D	E	F	G	Н	ı	J
1	Laclede Gas Company				Small	Large	Large		Vehicular	
2	Summary of Allocators		Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation
3		Description	Company	RS	SGS	LGS	LV	IN	VF	Transp.
4 111	C10 LgLvcus INPUT		3,809			3,720	68	21		
112			100.00%	0.00%	0.00%	97.67%	1.79%	0.54%	0.00%	0.00%
113 114	C11 903cus INPUT		17,549,574	\$ 16,413,614	\$ 1,058,785	\$ 72,525	\$ 1,329	\$ 405	\$ 154	\$ 2,762
115			100.00%	93.53%	6.03%	0.41%	0.01%	0.00%		·
116										
117	C12_904cus_INPUT		8,290,949		\$ 564,664	\$ -	\$ -	\$ -	\$ -	\$ -
118 119			100.00%	93.19%	6.81%	0.00%	0.00%	0.00%	0.00%	0.00%
120	C13_912cus_INPUT		1,626,887	\$ 554,953	\$ 974,003	\$ 97,829	\$ 29	\$ 9	\$ 3	\$ 60
121			100.00%	34.11%	59.87%	6.01%	0.00%	0.00%	0.00%	0.00%
122 123	C14_385cus_INPUT		37,366,157	\$ -	\$ 7,759,240	\$ 20,963,083	\$ 1,290,320	\$ 798,490	\$ 172,610	\$ 6,382,414
124			100.00%	0.00%	20.77%	56.10%	3.45%	2.14%	0.46%	17.08%
125 126	C15_Intcus_INPUT		295,022	\$ 206,854	\$ 79,986	\$ 8,034	\$ 147	\$ -	\$ -	\$ -
127			100.00%	70.11%	27.11%	2.72%	0.05%	0.00%	0.00%	0.00%
128 129	D1_sales_INPUT		901,742,754	488,185,483	77,590,502	132,304,153	10,059,571	7,107,794	3,193,198	183,302,053
130			100.00%	54.14%	8.60%	14.67%	1.12%	0.79%	0.35%	20.33%
131 132	D2_demand_INPUT		100.00%	65.10%	10.09%	14.29%	0.76%	0.00%	0.07%	9.68%
133			100.00%	65.10%	10.09%	14.29%	0.76%	0.00%	0.07%	9.68%
134 135	D3 totalrevenues INPUT		324,072,654	257,599,794	25,696,089	24,484,344	1,772,234	929,531	172,904	13,417,758
136	_		100.00%	79.49%	7.93%	7.56%	0.55%	0.29%		
137 138	D4_NonTranspSales_INPUT		718,440,701	488,185,483	77,590,502	132,304,153	10,059,571	7,107,794	3,193,198	
139	· -		100.00%	67.95%	10.80%	18.42%	1.40%	0.99%		
140										
141	D5_NonTranspDem_INPUT		90%	65.10%	10.09%	14.29%	0.76%	0.00%		-
142 143			100%	72.08%	11.17%	15.82%	0.84%	0.00%	0.08%	
144	Plant GasInvDem		68,077,170	49,538,844	7,755,618	10,417,892	354,931	8,569	1,316	
145			100.00%	72.77%	11.39%	15.30%	0.52%	0.01%	0.00%	0.00%

	А	В	С	D	E	F
1	Laclede Gas Company					
2	Summary of Classifiers					
3	Classifier Description	Classifier Code	Total	- Demand	- Customer	- Commodity
4						
5	Classifiers					
6		•				
7	Customer Factor	CUS	100.00%	0.00%	100.00%	0.00%
8	Demand Factor	DEM	100.00%	100.00%	0.00%	0.00%
9	Commodity Factor	COM	100.00%	0.00%	0.00%	100.00%
10	Non-Intangible Plant Factor	NINTPLT	100.00%	31.00%	69.00%	0.00%
11	Accounts 376-379 Factor	DIS376-379	100.00%	62.88%	37.12%	0.00%
12	Distribution Mains Factor	DISMAIN	100.00%	62.06%	37.94%	0.00%
13	General Plant Factor	GENPLT	100.00%	30.78%	69.22%	0.00%
14	PTD Plant Factor	PTD PLANT	100.00%	31.02%	68.98%	0.00%
15	Mains Factor	PLT376MAINS	100.00%	62.06%	37.94%	0.00%
16	Mains and Services Factor	MAINSVC	100.00%	31.47%	68.53%	0.00%
17	Total Plant in Service Factor	TOTPLT	100.00%	31.00%	69.00%	0.00%
18	Operating Expense (without TOTI) Factor	NONTOTOIPEXP	100.00%	17.48%	81.76%	0.75%
19	Accounts 871-879 Factor	EXP871-879	100.00%	13.55%	82.41%	4.04%
20	Accounts 871-880 Factor	EXP871-880	100.00%	13.55%	82.41%	4.04%
21	Accounts 887-893 Factor	EXP887-893	100.00%	35.13%	64.87%	0.00%
22	Non-A&G Op. Exp. (without TOTI) Factor	NONAGOPEXP	100.00%	17.46%	81.77%	0.77%
23		-				
24	Derivations					
25						
26	Customer Factor	CUS		0.00%	100.00%	0.00%
27						
28	Demand Factor	DEM		100.00%	0.00%	0.00%
29						
30	Commodity Factor	СОМ		0.00%	0.00%	100.00%
31						
32	376 Distribution Mains					
33	Distribution Mains Factor	DISMAIN	100.00%	62.06%	37.94%	0.00%
34						

	А		С		D	E	F	G
1	Missouri Gas Energy					Small	Large	Large
2	COSS Summary		Total		Residential	General Srv	General Srv	Volume Srv
3			Company		RS	SGS	LGS	LVS
4								
5	Current Delivery Service Rates							
6	Rate base	-	792,519,685		618,157,423	72,784,240	45,186,472	56,391,550
7	Net operating income		30,045,198		21,210,088	962,616	4,096,123	3,776,371
8	Rate of return		3.79%		3.43%	1.32%	9.06%	6.70%
9	Relative rate of return		100%		91%	35%	239%	177%
10	Revenues	\$	199,714,711	\$	156,916,485	\$ 15,096,494	\$ 13,248,104	\$ 14,453,629
11	Test Period Usage (therms)		763,483,865		366,148,361	56,239,220	74,357,619	266,738,665
12	Revenue per therm	\$	0.2616	\$	0.4286	\$ 0.2684	\$ 0.1782	\$ 0.0542
13		_						
14	Revenues at Equalized Rates of Return							
15	Rate of return		7.70%		7.70%	7.70%	7.70%	7.70%
16	Return requirement		61,024,016		47,598,122	5,604,386	3,479,358	4,342,149
17	Revenue required		250,115,780		199,842,228	22,641,317	12,252,925	15,379,312
18	Revenue deficiency		50,401,069		42,925,743	7,544,823	(995,179)	925,683
19	Percent increase required		25.2%		27.4%	50.0%	-7.5%	6.4%
20	Test Period Usage (therms)		763,483,865		366,148,361	56,239,220	74,357,619	266,738,665
21	Revenue Required per therm	\$	0.3276	\$	0.5458	\$ 0.4026	\$ 0.1648	\$ 0.0577
22	Revenue Deficiency per therm	\$	0.0660	\$	0.1172	\$ 0.1342	\$ (0.0134)	\$ 0.0035
23								
24			Revenue Re	quire	<u>ements</u>			
	Rate Class		Class ROR		Overall ROR			
26								
27	Residential		3.43%		3.79%			
28	Small General Service		1.32%		3.79%			
29	Large General Service		9.06%		3.79%			
30	Large Volume Service		6.70%		3.79%			
31								

	А		С	D	Е	F	G
32	Missouri Gas Energy				Small	Large	Large
33	COSS Summary		Total	Residential	General Srv	General Srv	Volume Srv
34			Company	RS	SGS	LGS	LVS
35							
36	Current Rate of Return		3.79%	3.43%	1.32%	9.06%	6.70%
37	Proposed Rate of Return		7.70%	7.70%	7.70%	7.70%	7.70%
38							
39	EROR Revenues	\$	250,115,781	\$ 199,842,228	\$ 22,641,317	\$ 12,252,925	\$ 15,379,312
40	Current Revenues		199,714,711	156,916,485	 15,096,494	 13,248,104	14,453,629
41							
42	Difference	\$	50,401,070	\$ 42,925,743	\$ 7,544,823	\$ (995,179)	\$ 925,683
43	% Difference		25.24%	27.36%	49.98%	-7.51%	6.40%
44		_					
45	Derivation of Delivery Revenues						
46	Current Total Revenues	\$	199,714,711	156,916,485	15,096,494	13,248,104	14,453,629
47	Less: Street Lamps		1,190	935	90	79	86
48	Less: Other Revenues		1,570,214	1,233,722	 118,693	 104,160	113,639
49							
50	Current Delivery Revenues	\$	198,143,308	\$ 155,681,828	\$ 14,977,711	\$ 13,143,865	\$ 14,339,904
51							
52	Total Revenues at EROR	\$	250,115,781	199,842,228	22,641,317	12,252,925	15,379,312
53	Less: Street Lamps		1,190	935	90	79	86
54	Less: Other Revenues		1,570,214	 1,233,722	 118,693	104,160	113,639
55							
56	Delivery Revenues at EROR	\$	248,544,377	\$ 198,607,571	\$ 22,522,534	\$ 12,148,685	\$ 15,265,587

	A	В	С	D	E	F	G
1	Missouri Gas Energy				Small	Large	Large
2	Development of Rate of Return		Total	Residential	General Srv	General Srv	Volume Srv
3			Company	RS	SGS	LGS	LVS
4		_					
5	Rate Base						
6	Gas Plant in Service						
7	- Demand		431,893,890	268,380,968	47,543,170	42,329,808	73,639,944
8	- Customer		874,418,467	771,837,375	68,801,006	24,528,084	9,252,002
9	- Commodity		-	-	-	-	-
10	Total		1,306,312,356	1,040,218,343	116,344,176	66,857,891	82,891,946
11							
12	less: Depreciation & Amortization						
13	- Demand		(140,627,536)	(87,386,636)	(15,480,374)	(13,782,868)	(23,977,658)
14	- Customer		(364,753,384)	(325,558,534)	(27,102,859)	(9,168,816)	(2,923,175)
15	- Commodity		- ()	- (****	- ()	- (22.22.1	(2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.
16	Total		(505,380,920)	(412,945,170)	(42,583,233)	(22,951,684)	(26,900,833)
17	Add. CMID						
18	Add: CWIP		44 622 225	7 222 242	1 200 502	1 110 150	4 000 500
19 20	- Demand		11,633,225	7,228,943	1,280,593	1,140,169	1,983,520
21	- Customer		23,552,791	20,729,289	1,876,067	685,867	261,569
22	- Commodity Total		35,186,016	27,958,231	3,156,661	1,826,036	2,245,088
23	Total		33,160,010	27,950,251	3,130,001	1,020,030	2,245,066
24	Net Utility Plant in Service						
25	- Demand		302,899,578	188,223,274	33,343,389	29,687,109	51,645,806
26	- Customer		533,217,874	467,008,131	43,574,214	16,045,134	6,590,396
27	- Commodity		-	-		-	-
28	Total		836,117,453	655,231,405	76,917,603	45,732,243	58,236,201
29			555,==:,:55	,,	,, ,	,,	,,
30	Additions to Rate Base						
31	- Demand		42,543,834	28,673,457	4,668,860	4,445,926	4,755,591
32	- Customer		30,007,087	26,471,967	2,438,792	753,789	342,539
33	- Commodity		50,187	24,068	3,697	4,888	17,534
34	Total		72,601,107	55,169,493	7,111,349	5,204,603	5,115,664
35							
36	Reductions to Rate Base						
37	- Demand		(37,028,186)	(23,245,647)	(4,040,053)	(3,563,435)	(6,179,051)
38	- Customer		(79,170,690)	(68,997,828)	(7,204,659)	(2,186,939)	(781,264)
39	- Commodity		-	-	-	-	-
40	Total		(116,198,876)	(92,243,474)	(11,244,712)	(5,750,374)	(6,960,315)
41							
42	Rate Base						
43	- Demand		308,415,227	193,651,085	33,972,196	30,569,600	50,222,346
44	- Customer		484,054,271	424,482,270	38,808,347	14,611,984	6,151,670
45	- Commodity		50,187	24,068	3,697	4,888	17,534
46	Total		792,519,685	618,157,423	72,784,240	45,186,472	56,391,550
47							

	А	В	С	D	E	F	G
1	Missouri Gas Energy				Small	Large	Large
2	Development of Rate of Return		Total	Residential	General Srv	General Srv	Volume Srv
3			Company	RS	SGS	LGS	LVS
4							
48	Return Calculation						
49	Customer sales		198,143,308	155,681,828	14,977,711	13,143,865	14,339,904
50	Street Lamps		1,190	935	90	79	86
51	Other revenues		1,570,214	1,233,722	118,693	104,160	113,639
52							
53	Total		199,714,711	156,916,485	15,096,494	13,248,104	14,453,629
54							
55	less:						
56	O&M Expense						
57	- Demand		28,906,167	18,560,034	3,090,823	2,666,857	4,588,453
58	- Customer		77,128,011	67,883,261	6,450,577	1,759,420	1,034,753
59	- Commodity		293,623	140,814	21,629	28,597	102,583
60	Total		106,327,800	86,584,109	9,563,029	4,454,874	5,725,789
61							
62	Depreciation and Amortization Expense						
63	- Demand		11,605,532	7,211,734	1,277,545	1,137,455	1,978,798
64	- Customer		25,047,974	22,049,771	1,996,661	724,111	277,430
65	- Commodity		-	-	-	-	-
66	Total		36,653,506	29,261,506	3,274,206	1,861,566	2,256,228
67							
68	Taxes other than income						
69	- Demand		7,523,479	4,691,404	825,706	732,847	1,273,523
70	- Customer		15,781,126	13,922,805	1,252,799	432,252	173,270
71	- Commodity		7,998	3,835	589	779	2,794
72	Taxes other than income		23,312,602	18,618,044	2,079,094	1,165,877	1,449,587
73							
74	Interest on customer deposits		226,207	172,506	47,801	5,263	638
75							
76	Income taxes		3,149,398	1,070,232	(830,252)	1,664,401	1,245,017
77	Total Operating Expenses		169,669,514	135,706,397	14,133,878	9,151,981	10,677,258
78							
79	Net Operating Income		30,045,198	21,210,088	962,616	4,096,123	3,776,371
80							
81							
82	After Tax Rate of return		3.79%	3.43%	1.32%		6.70%
83	Relative rate of return		1.000	0.905	0.349	2.391	1.766

	А	В	С	D	E	F	G
1	Missouri Gas Energy				Small	Large	Large
2	Summary of Rate of Return		Total	Residential	General Srv	General Srv	Volume Srv
3			Company	RS	SGS	LGS	LVS
4		_					
5	Rate Base						
6	Gas Plant in Service		1,306,312,356	1,040,218,343	116,344,176	66,857,891	82,891,946
7	less: Depreciation		(505,380,920)	(412,945,170)	(42,583,233)	(22,951,684)	(26,900,833)
8	Add: CWIP		35,186,016	27,958,231	3,156,661	1,826,036	2,245,088
9	Net Utility Plant in Service		836,117,453	655,231,405	76,917,603	45,732,243	58,236,201
10							
11	Add:						
12	Materials and Supplies		5,004,239	3,984,883	445,693	256,120	317,544
13	Net Cost of Removal		-	-	-	-	-
14	Gas Storage		29,273,371	20,307,691	3,226,263	3,178,514	2,560,903
15	Prepaid Expenses		3,169,251	2,573,002	285,909	135,142	175,197
16	<u> </u>		7,135,564	5,793,111	643,724	304,273	394,456
17	Other Regulatory Assets		28,018,682	22,510,806	2,509,759	1,330,553	1,667,564
18	Total		72,601,107	55,169,493	7,111,349	5,204,603	5,115,664
19							
20	Less:						
21	Other Regulatory Liabilities		(78,884,239)	(62,815,629)	(7,025,672)	(4,037,345)	(5,005,593)
22	Accumulated Deferred Income Taxes		(28,506,945)	(22,700,120)	(2,538,916)	(1,459,003)	(1,808,906)
23	Customer Deposits		(4,762,253)	(3,189,944)	(1,399,543)	(154,092)	(18,674)
24	Customer Advances		(4,045,439)	(3,537,782)	(280,581)	(99,934)	(127,142)
25	Total		(116,198,876)	(92,243,474)	(11,244,712)	(5,750,374)	(6,960,315)
26							
27	Rate Base		792,519,685	618,157,423	72,784,240	45,186,472	56,391,550
28							

	А	В	С	D	Е	F	G
1	Missouri Gas Energy				Small	Large	Large
2	Summary of Rate of Return		Total	Residential	General Srv	General Srv	Volume Srv
3			Company	RS	SGS	LGS	LVS
4							
29	Return Calculation						
30	Delivery Revenues	•	198,143,308	155,681,828	14,977,711	13,143,865	14,339,904
31	Street Lamps		1,190	935	90	79	86
32	Other revenues		1,570,214	1,233,722	118,693	104,160	113,639
33	Total Revenues		199,714,711	156,916,485	15,096,494	13,248,104	14,453,629
34							
35	less:						
36	O&M Expense		106,327,800	86,584,109	9,563,029	4,454,874	5,725,789
37	Depreciation and Amortization Expense		36,653,506	29,261,506	3,274,206	1,861,566	2,256,228
38	Taxes other than income		23,312,602	18,618,044	2,079,094	1,165,877	1,449,587
39	Interest on customer deposits		226,207	172,506	47,801	5,263	638
40	Income taxes		3,149,398	1,070,232	(830,252)	1,664,401	1,245,017
41	Total Operating Expenses		169,669,514	135,706,397	14,133,878	9,151,981	10,677,258
42							
43	Net Operating Income		30,045,198	21,210,088	962,616	4,096,123	3,776,371
44							
45	Rate of return		3.79%	3.43%	1.32%	9.06%	6.70%
46	Relative rate of return		1.000	0.905	0.349	2.391	1.766
47							

	А	В	С	D		E	F	G
1	Missouri Gas Energy					Small	Large	Large
2	Summary of Rate of Return		Total	Residential		General Srv	General Srv	Volume Srv
3			Company	RS		SGS	LGS	LVS
4								
48	Derivation of Required Revenues							
49	Net Income after taxes		\$ 61,024,016	\$ 47,598,122	\$	5,604,386	\$ 3,479,358	\$ 4,342,149
50	Add: Income Taxes		 22,571,649	 17,605,660	_	2,072,958	 1,286,950	 1,606,080
51	Net income before taxes & interest		\$ 83,595,664	\$ 65,203,782	\$	7,677,345	\$ 4,766,308	\$ 5,948,230
52								
53	Add: O&M		106,327,800	86,584,109		9,563,029	4,454,874	5,725,789
54	Add: Depreciation		36,653,506	29,261,506		3,274,206	1,861,566	2,256,228
55	Add: Taxes other than income		23,312,602	18,618,044		2,079,094	1,165,877	1,449,587
56	Add: Interest on customer deposits		 226,207	172,506	_	47,801	5,263	 638
57	Net Revenue Requirement		249,995,780	199,746,348		22,630,454	12,247,046	15,371,933
58								
59	Add: Changes/True-up Estimate		 120,000	 95,880		10,863	 5,879	7,379
60	Total Revenue Requirement		\$ 250,115,780	\$ 199,842,228	\$	22,641,317	\$ 12,252,925	\$ 15,379,312
61								38.68%
62								
63	Rate Base		\$ 308,415,227	\$ 193,651,085	\$	33,972,196	\$ 30,569,600	\$ 50,222,346
64	Net Income after taxes		23,747,972	14,911,134		2,615,859	2,353,859	3,867,121
65	Add: Income Taxes		 8,783,933	 5,515,351	_	967,558	 870,649	 1,430,376
66	Net income before taxes & interest		\$ 32,531,906	\$ 20,426,485	\$	3,583,417	\$ 3,224,508	\$ 5,297,497
67								
68	Add: O&M		28,906,167	18,560,034		3,090,823	2,666,857	4,588,453
69	Add: Depreciation		11,605,532	7,211,734		1,277,545	1,137,455	1,978,798
70	Add: Taxes other than income		7,523,479	4,691,404		825,706	732,847	1,273,523
71								
72								
73	Required Demand Revenues		\$ 80,567,084	\$ 50,889,657	\$	8,777,490	\$ 7,761,667	\$ 13,138,270
74								
75	Number of Customers		 501,755	 468,460	_	29,637	 3,263	 395
76	Monthly cost per customer		\$ 13.38	\$ 9.05	\$	24.68	\$ 198.22	\$ 2,768.64
77								
78						Small	Large	Large
79			Total	Residential		General Srv	General Srv	Volume Srv
80			Company	RS		SGS	LGS	LVS
81								

	А	В	С	D	E		F	G
1	Missouri Gas Energy				Small		Large	Large
2	Summary of Rate of Return		Total	Residential	General Srv		General Srv	Volume Srv
3			Company	RS	SGS		LGS	LVS
4								
82	Fully Allocated Customer Costs							
83	Rate Base		\$ 484,054,271	\$ 424,482,270	\$ 38,808,347	\$	14,611,984	\$ 6,151,670
84	Net Income after taxes		37,272,179	32,685,135	2,988,243		1,125,123	473,679
85	Add: Income Taxes		 13,786,286	 12,089,624	 1,105,295	_	416,162	 175,205
86	Net income before taxes & interest		\$ 51,058,465	\$ 44,774,758	\$ 4,093,538	\$	1,541,285	\$ 648,884
87								
88	Add: O&M		77,128,011	67,883,261	6,450,577		1,759,420	1,034,753
89	Add: Depreciation		25,047,974	22,049,771	1,996,661		724,111	277,430
90	Add: Taxes other than income		15,781,126	13,922,805	1,252,799		432,252	173,270
91	Add: Interest on deposits		226,207	172,506	47,801		5,263	638
92								
93	Required Customer Revenues		\$ 169,241,782	\$ 148,803,101	\$ 13,841,376	\$	4,462,331	\$ 2,134,974
94								
95	Number of Customers		 501,755	 468,460	 29,637		3,263	 395
96	Monthly cost per customer		\$ 28.11	\$ 26.47	\$ 38.92	\$	113.96	\$ 449.91
97								
98	Required Total Revenues		249,808,866	199,692,757	22,618,866		12,223,997	15,273,245
99								

	А	В	С	D	E	F	G
1	Missouri Gas Energy				Small	Large	Large
2	Summary of Rate of Return		Total	Residential	General Srv	General Srv	Volume Srv
3			Company	RS	SGS	LGS	LVS
4							
100	Basic Customer Costs			-	Small	Large	Large
101			Total	Residential	General Srv	General Srv	Volume Srv
102			Company	RS	SGS	LGS	LVS
103							
104	Basic Customer Costs						
105	Plant						
106	376 - Mains		197,613,574	184,500,378	11,672,311	1,285,140	155,745
107	380 - Services		399,602,056	366,197,599	26,000,781	6,374,562	1,029,114
108	381 - Meters		40,249,691	27,386,110	7,411,999	3,467,303	1,984,279
109	382 - Meter installation		94,813,508	69,849,055	13,308,390	9,004,188	2,651,875
110	383 - House regulators		15,936,615	11,179,286	1,396,676	1,809,435	1,551,217
111	385 - Industrial Meas & Reg stations		1,004,461				1,004,461
112	Total		749,219,904	659,112,428	59,790,156	21,940,627	8,376,692
113							
114	Accumulated Depreciation						
115	376 - Mains		(66,161,738)	(61,771,393)	(3,907,932)	(430,269)	(52,144)
116	380 - Services		(217,100,229)	(198,951,886)	(14,125,992)	(3,463,242)	(559,109)
117	381 - Meters		(5,606,851)	(3,814,932)	(1,032,504)	(483,001)	(276,414)
118	382 - Meter installation		(37,046,542)	(27,292,166)	(5,199,996)	(3,518,212)	(1,036,169)
119	383 - House regulators		(5,439,223)	(3,815,530)	(476,690)	(617,567)	(529,436)
120	385 - Industrial Meas & Reg stations		(252,432)				(252,432)
121	Total		(331,607,016)	(295,645,907)	(24,743,114)	(8,512,292)	(2,705,703)
122							

	А	В	С	D	E	F	G
1	Missouri Gas Energy				Small	Large	Large
2	Summary of Rate of Return		Total	Residential	General Srv	General Srv	Volume Srv
3			Company	RS	SGS	LGS	LVS
4							
123	Net income before taxes & interest						
124	Net Plant		417,612,888	363,466,521	35,047,042	13,428,336	5,670,989
125	Net Income after taxes		32,156,192	\$ 27,986,922	\$ 2,698,622	\$ 1,033,982	\$ 436,666
126	Add: Income Taxes		 11,893,978	 10,351,842	998,170	 382,451	161,515
127	Net income before taxes & interest		\$ 44,050,170	\$ 38,338,764	\$ 3,696,792	\$ 1,416,432	\$ 598,181
128							
129	O&M Expenses						
130	874 - Mains & services expense		2,868,634	2,678,278	169,440	18,656	2,261
131	876 - Measurement & Reg - Industrial		-	-	-	-	-
132	878 - Meter and House Regulator		2,143,852	1,468,300	350,788	197,172	127,593
133	879 - Customer installation		939,433	692,080	131,862	89,215	26,275
134	887 - Maintenance of Mains		6,209,626	5,797,569	366,780	40,383	4,894
135	902 - Meter reading expense		1,976,539	1,845,381	116,747	12,854	1,558
136	903 - Customer records & collections		12,561,118	11,585,112	869,265	98,428	8,314
137	909 - Info & Inst Advertising		38,699	36,131	2,286	252	30
138	913 - Advertising		-	-	-	-	-
139	916 - Misc Sales Expense		 5,500	 3,008	2,244	 247	2
140	Total		26,743,402	24,105,858	2,009,411	457,207	170,927
141							
142	Depreciation Expense						
143	376 - Mains		3,517,522	3,284,107	207,767	22,875	2,772
144	380 - Services		10,709,335	9,814,096	696,821	170,838	27,580
145	381 - Meters		1,151,141	783,243	211,983	99,165	56,750
146	382 - Meter installation		2,711,666	1,997,683	380,620	257,520	75,844
147	383 - House regulators		388,853	272,774	34,079	44,150	37,850
148	385 - Industrial Meas & Reg stations		 33,449	 -	 -	 -	 33,449
149			18,511,966	16,151,902	1,531,270	594,549	234,245
150							
151	Basic customer-related costs		89,305,538	\$ 78,596,524	\$ 7,237,474	\$ 2,468,188	\$ 1,003,353
152	Number of customers		 501,755	 468,460	29,637	 3,263	395
153	Monthly basic cost per customer		\$ 14.83	\$ 13.98	\$ 20.35	\$ 63.03	\$ 211.44
154							

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Gross Plant	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
5	Intangible Plant							
6	301 - Organization Costs		15,600					NINTPLT
7	- Demand	Plant Nonint_D	5,158	3,205	568	506	879	33%
8	- Customer	Plant Nonint_C	10,443	9,217	822	293	111	67%
9	- Commodity		-	-	-	-	-	0%
10	Total		15,600	12,422	1,390	799	990	
11							·	
12	302 - Franchise and Consents		13,823					NINTPLT
13	- Demand	Plant Nonint_D	4,570	2,840	503	448	779	33%
14	- Customer	Plant Nonint_C	9,253	8,167	728	260	98	67%
15	- Commodity		-	-	-	-	-	0%
16	Total		13,823	11,007	1,231	708	877	
17								
18	303 - Misc. Intangible Plant		773,929					NINTPLT
19	- Demand	D2_Demand	255,877	159,003	28,167	25,078	43,628	33%
20	- Customer	C1_customers	518,052	483,675	30,599	3,369	408	67%
21	- Commodity		-	-	<u> </u>		-	0%
22 23	Total		773,929	642,678	58,767	28,447	44,037	
	Tatal lutanaikla Blant							
24 25	Total Intangible Plant		265 605	165.040	20.220	26.022	45 207	
26	- Demand		265,605	165,048	29,238	26,032	45,287	
27	- Customer - Commodity		537,747	501,059	32,149	3,922	617	
28	- Commounty Total		803,352	666,107	61,387	29,954	45,904	
29	Total		803,352	000,107	01,38/	29,954	45,904	
30	Production Plant	1						
31	304 - Land & land rights		<u>-</u>					
32	- Demand							
33	- Customer		_					
34	- Commodity		_					
35	Total		<u> </u>		-			
36								
50								

	A	В	С	D	Е	F	G	Н
1	Missouri Gas Energy		<u> </u>		Small	Large	Large	
2	Allocation of Gross Plant	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
37	305 - Structures & improvements		-					
38	- Demand		-					
39	- Customer		-					
40	- Commodity		-					
41	Total		-	-	-	-	-	
42								
43	311 - LPG equipment							
44	- Demand		-					
45	- Customer		-					
46	- Commodity		-					
47	Total		-	-	-	-	-	
48								
49	325.4 - Rights of way							
50	- Demand		-					
51	- Customer		-					
52	- Commodity							
53	Total		-	-	-	-	-	
54								
55	Total Production Plant							
56	- Demand		-	-	-	-	-	
57	- Customer		-	-	-	-	-	
58	- Commodity		-	-	-	-		
59	Total		-	-	-	-	-	
60		†						
61	Transmission Plant							
62 63	365.0 - T&D: Land and Land Rights - Demand							
64	- Demand - Customer		-	-	-	-	-	
65			-					
66	- Commodity					_		
67	Total		-	-	-	-	-	
67								

A	В	С	D	E	F	G	Н
1 Missouri Gas Energy	_			Small	Large	Large	
2 Allocation of Gross Plant	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3	Factor	Company	RS	SGS	LGS	LVS	Factor
4							
68 365.1 - Land and Land Rights		-					
69 - Demand			-	-	-	-	
70 - Customer		-					
71 - Commodity		-					
72 Total		-	-	-	-	-	
73							
74 365.2 - Rights-of-Way							
75 - Demand		-					
76 - Customer		-					
77 - Commodity		-					
78 Total		-	-	-	-	-	
79							
80 366.1 - Compressor station structures							
81 - Demand		-	-	-	-	-	
82 - Customer		-					
83 - Commodity		-					
84 Total 85		-	-	-	-	-	
86 367.1 - Mains 87 - Demand							
87 - Demand 88 - Customer		-	-	-	-	-	
89 - Commodity		-					
90 Total							
91							
92 368 - Compressor Station Equipment		-					
93 - Demand							
94 - Customer		-					
95 - Commodity		-					
96 Total		-	-	-	-	-	
97							
98 369 - Measuring and Reg. Sta. Equipment							
99 - Demand			-	-	-	-	
100 - Customer		-					
101 - Commodity							
102 Total		-	-	-	-	-	
103							

	A	В	С	D	E	F	G	H
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Gross Plant	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
104	370 - Communication Equipment							
105	- Demand		-					
106	- Customer		-					
107	- Commodity		-					
108	Total		-	-	-	-	-	
109								
110	371 - Other equipment							
111	- Demand		-					
112	- Customer		-					
113	- Commodity		-					
114	Total		-	-	-	-	-	
115								
116	Total Transmission Plant							
117	- Demand		-	-	-	-	-	
118	- Customer		-	-	-	-	-	
119	- Commodity			-	-	-	-	
120	Total		-	-	-	-	-	
121								
122	Distribution Plant						_	
123	374.1 - Land		476,088					DIS376-379
124	- Demand	Plant_376-379_D	313,361	194,724	34,495	30,712	53,430	66%
125	- Customer	Plant_376-379_C	162,727	151,928	9,612	1,058	128	34%
126	- Commodity		-	-	-	-	-	0%
127	Total		476,088	346,653	44,107	31,771	53,558	
128							_	
129	374.2 - Land Rights		2,835,349					DIS376-379
130	- Demand	Plant_376-379_D	1,866,227	1,159,683	205,436	182,908	318,201	66%
131	- Customer	Plant_376-379_C	969,122	904,813	57,242	6,302	764	34%
132	- Commodity		-	-	-	-	-	0%
133	Total		2,835,349	2,064,496	262,678	189,211	318,964	
134								
135	375 - Structures and improvements		12,605,882]	DIS376-379
136	- Demand	Plant_376-379_D	8,297,194	5,155,917	913,361	813,206	1,414,711	66%
137	- Customer	Plant_376-379_C	4,308,689	4,022,774	254,498	28,021	3,396	34%
138	- Commodity		-	-	-	-	-	0%
139	Total		12,605,882	9,178,690	1,167,859	841,226	1,418,106	
140								

	A	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Gross Plant	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
141	376 - Mains		557,987,758					DISMAIN
142	- Demand	D2_Demand	360,374,185	223,938,275	39,670,233	35,320,180	61,445,497	65%
143	- Customer	C1_customers	197,613,574	184,500,378	11,672,311	1,285,140	155,745	35%
144	- Commodity		-	-	-	-	-	0%
145	Total		557,987,758	408,438,653	51,342,544	36,605,320	61,601,242	
146								
147	376.1 - Mains steel							
148			-	-	-	-	-	
149			-					
150	-		-					
151			-	-	-	-	-	
152								
153								
154			-	-	-	-	-	
155			-					
156								
157			-	-	-	-	-	
158								
	377 - Compressor station equipment							
160	-		-					
161			-					
162								
163			-	-	-	-	-	
164			4.0.0				ī	
	378 - Measurement & equip: Gen		14,249,406					DEM
166		D2_Demand	14,249,406	8,854,650	1,568,584	1,396,581	2,429,591	100%
167	- Customer		-	-	-	-	-	0%
168			-	-	- 4.500.504	- 4 205 504	- 2 420 504	0%
	Total		14,249,406	8,854,650	1,568,584	1,396,581	2,429,591	
170	-		F 010 676				ı	DEM
171		D2 Damed	5,918,676	2 677 004	CE4 E22	500.000	4 000 463	DEM 100%
172	- Demand	D2_Demand	5,918,676	3,677,894	651,532	580,088	1,009,162	100%
173	- Customer		-	-	-	-	-	0%
174	- Commodity			2 677 004	- CE1 E22	-	1 000 163	0%
175			5,918,676	3,677,894	651,532	580,088	1,009,162	
176) [

A	В	С	D	E	F	G	Н
1 Missouri Gas Energy				Small	Large	Large	
2 Allocation of Gross Plant	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3	Factor	Company	RS	SGS	LGS	LVS	Factor
4							
177 380 - Services	=	399,602,056					CUS
178 - Demand		-	-	-	-	-	0%
179 - Customer	C6_services	399,602,056	366,197,599	26,000,781	6,374,562	1,029,114	100%
180 - Commodity		-	-	-	-	-	0%
181 Total		399,602,056	366,197,599	26,000,781	6,374,562	1,029,114	
182						_	
183 381 - Meters		40,249,691					CUS
184 - Demand		-	-	-	-	- [0%
185 - Customer	C3_meters	40,249,691	27,386,110	7,411,999	3,467,303	1,984,279	100%
186 - Commodity		-	-	-	-	-	0%
187 Total		40,249,691	27,386,110	7,411,999	3,467,303	1,984,279	
188						-	
189 382 - Meter installation	=	94,813,508					CUS
190 - Demand		-	-	-	-	-	0%
191 - Customer	C4_Metincus	94,813,508	69,849,055	13,308,390	9,004,188	2,651,875	100%
192 - Commodity		-	-	-	-	-	0%
193 Total		94,813,508	69,849,055	13,308,390	9,004,188	2,651,875	
194						,	
195 383 - House regulators	_	15,936,615					CUS
196 - Demand		-	-	-	-	-	0%
197 - Customer	C5_Regcus	15,936,615	11,179,286	1,396,676	1,809,435	1,551,217	100%
198 - Commodity		-	-	-	-	-	0%
199 Total		15,936,615	11,179,286	1,396,676	1,809,435	1,551,217	
200							
201 384 - House regulators Installations	_						
202 - Demand		-					
203 - Customer		-					
204 - Commodity		<u> </u>					
205 Total		-	-	-	-	-	
206		4.004.656				ī	2112
207 385 - Industrial Meas & Reg stations	_	1,004,461					CUS
208 - Demand	040		-	-	-		0%
- Customer	C10_Lvcus	1,004,461	-	-	-	1,004,461	100%
- Commodity		-	-	-	-	- 1 004 464	0%
211 Total		1,004,461	-	-	-	1,004,461	
212							

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Gross Plant	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
213	386 - Other property on customer premises							
214	- Demand		-					
215	- Customer		-					
216	- Commodity		-					
217	Total		-	-	-	-	-	
218								
219	387 - Other distribution equip.							
220	- Demand		-	-	-	-	-	
221	- Customer		-	-	-	-	-	
222	- Commodity			-	-	-	-	
223	Total		-	-	-	-	-	
224								
225	Total Distribution Plant							
226	- Demand		391,019,049	242,981,143	43,043,640	38,323,675	66,670,591	
227	- Customer		754,660,441	664,191,944	60,111,509	21,976,009	8,380,979	
228	- Commodity		-	-	-	-	-	
229	Total		1,145,679,490	907,173,086	103,155,149	60,299,684	75,051,570	
230		1						
231	General Plant						Ī	
232	389 - Land & land rights		1,058,065					DISPLT
233	- Demand	Plant Dist_D	361,116	224,399	39,752	35,393	61,572	34%
234	- Customer	Plant Dist_C	696,949	613,399	55,515	20,295	7,740	66%
235	- Commodity		-	-	-	-	-	0%
236	Total		1,058,065	837,798	95,266	55,688	69,312	
237	200 1 Structures 8 improvements		070 270				ı	DICDLT
238	390.1 - Structures & improvements	Dlamb Dist D	878,378	106 204	22.004	20.202	F4 446	DISPLT
239 240	- Demand	Plant Dist_D	299,790	186,291	33,001	29,382	51,116	34%
	- Customer	Plant Dist_C	578,589	509,228	46,087	16,849	6,426	66%
241 242	- Commodity		- 070 270		70.000	46 224		0%
242	Total		878,378	695,519	79,088	46,231	57,541	
244	390.2 - General Improvements		_					
245	- Demand							
245	- Demand - Customer		-					
247	- Customer - Commodity		<u>-</u>					
248	•		<u> </u>					
249	lotai		-	-	-	-	-	
249								

	А	В	С	D	Е	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Gross Plant	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
250	391 - Office Furniture and Equipment		8,218,464					DISPLT
251	- Demand	Plant Dist_D	2,804,952	1,743,011	308,771	274,913	478,258	34%
252	- Customer	Plant Dist_C	5,413,512	4,764,542	431,206	157,644	60,120	66%
253	- Commodity		-	-	-	-	-	0%
254			8,218,464	6,507,553	739,977	432,556	538,378	
255							-	
256	391.5 - Enterprise Software-EIMS		67,787,723					DISPLT
257	- Demand	Plant Dist_D	23,135,869	14,376,742	2,546,812	2,267,541	3,944,775	34%
258	- Customer	Plant Dist_C	44,651,854	39,299,001	3,556,686	1,300,280	495,887	66%
259	-		-	-	-	-	-	0%
260	Total		67,787,723	53,675,743	6,103,498	3,567,820	4,440,662	
261							-	
262	392.1 - Transp. Equip. Cars & Small Trucks		5,650,033					DISPLT
263	- Demand	Plant Dist_D	1,928,350	1,198,286	212,274	188,997	328,793	34%
264	4	Plant Dist_C	3,721,684	3,275,529	296,446	108,377	41,332	66%
265	- Commodity		-	- 4 472 045	-	-	- 270.424	0%
266 267	Total		5,650,033	4,473,815	508,720	297,374	370,124	
268	392.2 - Transp. Equip. Heavy Trucks		15,294,221				Г	DISPLT
269		Plant Dist D	5,219,899	3,243,671	574,610	511,601	890,017	34%
270		Plant Dist_D	10,074,321	8,866,614	802,457	293,368	111,882	66%
271	- Commodity	Flatit Dist_C	10,074,321	-	-	293,306	-	0%
272	Total		15,294,221	12,110,285	1,377,067	804,969	1,001,899	070
273			10,23 1,221	12,110,200	2,0,00.	33.,333	1,001,000	
274			664,474					DISPLT
275	- Demand	Plant Dist_D	226,784	140,925	24,965	22,227	38,668	34%
276	- Customer	Plant Dist_C	437,689	385,219	34,864	12,746	4,861	66%
277	- Commodity	_	-	-	-	-	-	0%
278			664,474	526,144	59,828	34,973	43,529	
279								
280	394 - Tools		8,946,227					DISPLT
281	- Demand	Plant Dist_D	3,053,336	1,897,358	336,113	299,257	520,608	34%
282	- Customer	Plant Dist_C	5,892,890	5,186,452	469,391	171,603	65,444	66%
283	- Commodity		-	-	-	-	-	0%
284			8,946,227	7,083,810	805,504	470,860	586,053	
285								

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Gross Plant	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
286	395 - Laboratory Equipment		-					
287	- Demand		-					
288	- Customer		-					
289	- Commodity		-					
290	Total	•	-	-	-	-	-	
291								
292	396 - Power operated equip		3,063,341				Γ	DISPLT
293	- Demand	Plant Dist_D	1,045,515	649,688	115,091	102,471	178,265	34%
294	- Customer	Plant Dist_C	2,017,826	1,775,930	160,727	58,760	22,409	66%
295	- Commodity		-	-	-	-	-	0%
296	Total		3,063,341	2,425,618	275,818	161,231	200,674	
297								
298	397.1 - Communications equip - AMR		40,845,110					CUS
299	- Demand		-					0%
300	- Customer	C8_Nonlvcus	40,845,110	38,164,799	2,414,474	265,837	-	100%
301	- Commodity		-					0%
302	Total		40,845,110	38,164,799	2,414,474	265,837	-	
303								
304	397.0 - Communications equip		6,622,779					DISPLT
305	- Demand	Plant Dist_D	2,260,347	1,404,590	248,820	221,536	385,400	34%
306	- Customer	Plant Dist_C	4,362,432	3,839,465	347,484	127,036	48,448	66%
307	- Commodity		-	<u>-</u>	-	-	-	0%
	Total		6,622,779	5,244,055	596,304	348,572	433,847	
309								
310	398 - Misc General Equipment		800,700					DISPLT
311	- Demand	Plant Dist_D	273,278	169,816	30,083	26,784	46,595	34%
312	- Customer	Plant Dist_C	527,422	464,195	42,011	15,359	5,857	66%
313	- Commodity		-	-	-	-	-	0%
	Total		800,700	634,011	72,094	42,143	52,453	
315								

	А	В	С	D	E	F	G	
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Gross Plant	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	
3		Factor	Company	RS	SGS	LGS	LVS	
4								
316	Corporate		-					
317	- Demand		-					
318	- Customer		-					
19								
320	Total		-	-	-	-	-	
321								
	Total General Plant							
323	- Demand		40,609,236	25,234,777	4,470,292	3,980,101	6,924,066	
24	- Customer		119,220,279	107,144,373	8,657,348	2,548,153	870,406	
325	- Commodity			-	-	-	-	
	Total		159,829,515	132,379,150	13,127,640	6,528,254	7,794,472	
327								
	Total Utility Plant							
29	- Demand		431,893,890	268,380,968	47,543,170	42,329,808	73,639,944	
330	- Customer		874,418,467	771,837,375	68,801,006	24,528,084	9,252,002	
331	- Commodity		-	-	-	-	-	
332	Total		1,306,312,356	1,040,218,343	116,344,176	66,857,891	82,891,946	

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Accumulated Depreciation	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
5	Intangible Plant							
6	301 - Organization Costs							NINTPLT
7	- Demand	Plant Nonint_D	-	=	-	=	-	33%
8	- Customer	Plant Nonint_C	-	=	-	=	-	67%
9	- Commodity	-	-	-	-	-	-	0%
10	Total		-	-	-	-	-	
11							-	
12	302 - Franchise and Consents							NINTPLT
13	- Demand	Plant Nonint_D	-	-	-	-	-	33%
14	- Customer	Plant Nonint_C	-	=	-	=	-	67%
15	- Commodity	-	-	-	-	-	-	0%
16	Total		-	=	-	=	=	
17			4					
18	303 - Misc. Intangible Plant		(506,426)					NINTPLT
19	- Demand	D2_Demand	(167,435)	(104,045)	(18,431)	(16,410)	(28,548)	33%
20	- Customer	C1_customers	(338,991)	(316,497)	(20,023)	(2,205)	(267)	67%
21	- Commodity		-	-	-	-	-	0%
22	Total		(506,426)	(420,541)	(38,454)	(18,615)	(28,816)	
23	Total later site Nort							
24	Total Intangible Plant		(4.0= 40=)	((10.101)	((00 - 10)	
25 26	- Demand - Customer		(167,435)	(104,045)	(18,431)	(16,410)	(28,548)	
27			(338,991)	(316,497)	(20,023)	(2,205)	(267)	
28	- Commodity		(506.436)	(420 544)	(20.454)	(40.645)		
29	Total		(506,426)	(420,541)	(38,454)	(18,615)	(28,816)	
30	Production Plant							
31	304 - Land & land rights		_					
32	- Demand							
33	- Customer		_					
34	- Commodity		-					
35	Total		-	-	-	-	_	
36								
50								

	А	В	С	D	Е	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Accumulated Depreciation	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
37	305 - Structures & improvements							
38	- Demand		-					
39	- Customer		-					
40	- Commodity		-					
41	Total		-	-	-	-	-	
42								
43	311 - LPG equipment							
44	- Demand		=					
45	- Customer		=					
46	- Commodity		-					
47	Total		-	-	-	-	-	
48								
49	325.4 - Rights of way							
50	- Demand		-					
51	- Customer		-					
52	- Commodity		-					
53	Total		-	-	-	-	-	
54 55	Total Production Plant							
56	- Demand							
57	- Demand - Customer		-	-	-	-	-	
58	- Customer - Commodity		-	-	-	-	-	
59	Total							
60	Total		-	-	-	-	-	
61	Transmission Plant							
62	365.0 - T&D: Land and Land Rights		-					
63	- Demand			_	-	-	-	
64	- Customer		-					
65	- Commodity		-					
66	Total		-	-	-	-	-	
67								

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Accumulated Depreciation	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
68	365.1 - Land and Land Rights							
69	- Demand		-					
70	- Customer		-					
71	- Commodity		-					
72	Total	•	-	=	=	=	=	
73								
74	365.2 - Rights-of-Way							
75	- Demand		-					
76	- Customer		-					
77	- Commodity		-					
78	Total		-	-	-	-	-	
79								
80	366.1 - Compressor station structures							
81	- Demand		-	-	-	-	-	
82	- Customer		-					
83	- Commodity		-					
84	Total		-	-	-	-	-	
85								
86	367.1 - Mains							
87	- Demand		-	=	=	=	=	
88	- Customer		-					
89	- Commodity		-					
90	Total		-	-	-	-	-	
91								
92	368 - Compressor Station Equipment							
93	- Demand		-					
94	- Customer		-					
95	- Commodity		-					
96	Total		-	-	-	-	-	
97	260 Marania and Bar St. Fr. :							
98	369 - Measuring and Reg. Sta. Equipment							
99	- Demand		-	-	-	-	-	
100	- Customer		-					
101	- Commodity		-					
102	Total		-	-	-	-	-	
103								

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Accumulated Depreciation	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
104	370 - Communication Equipment							
105	- Demand		-					
106	- Customer		-					
107	- Commodity		-					
	Total		-	-	-	-	-	
109								
110	371 - Other equipment							
111	- Demand		-					
112	- Customer		-					
113	- Commodity		-					
	Total		-	=	=	=	=	
115								
	Total Transmission Plant							
117	- Demand		-	-	-	-	-	
118	- Customer		-	-	-	-	-	
119	- Commodity		-	-	-	-	-	
_	Total		-	-	-	-	-	
121		1						
122	Distribution Plant							
-	374.1 - Land		, 					DIS376-379
124	- Demand	Plant_376-379_D	-	-	=	=	=	66%
125	- Customer	Plant_376-379_C	-	-	-	-	-	34%
126	- Commodity	-	-	-	-	-	-	0%
	Total		-	-	-	-	-	
128 129	374.2 - Land Rights		(904,179)					DIS376-379
130	- Demand	Plant_376-379_D	(595,131)	(369,817)	(65,512)	(58,329)	(101,473)	66%
131	- Customer	Plant 376-379_D	(309,048)	(288,541)	(18,254)	(2,010)	(244)	34%
132	- Customer - Commodity	FIGIT_3/0-3/9_C	(309,048)	(288,541)	(18,254)	(2,010)	(244)	34% 0%
-	- Commonly Total	-	(904,179)	(658,358)	(83,767)	(60,338)	(101,716)	U70
134	Total		(504,175)	(0.50,556)	(03,707)	(00,556)	(101,/10)	
135	375 - Structures and improvements		(1,734,701)					DIS376-379
136	- Demand	Plant_376-379_D	(1,141,780)	(709,508)	(125,688)	(111,906)	(194,679)	66%
137	- Customer	Plant_376-379_C	(592,920)	(553,576)	(35,022)	(3,856)	(467)	34%
138	- Commodity		(332,320)	(555,570)	(55,622)	(3,630)	(407)	0%
-	Total		(1,734,701)	(1,263,083)	(160,710)	(115,762)	(195,146)	0,0
140			(2).0.,701)	(1,200,000)	(100,710)	(115,702)	(155,140)	

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Accumulated Depreciation	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
141	376 - Mains		(186,816,317)					DISMAIN
142	- Demand	D2_Demand	(120,654,579)	(74,975,343)	(13,281,737)	(11,825,324)	(20,572,174)	65%
143	- Customer	C1_customers	(66,161,738)	(61,771,393)	(3,907,932)	(430,269)	(52,144)	35%
144	- Commodity	-	-	-	-	-	-	0%
145	Total		(186,816,317)	(136,746,736)	(17,189,669)	(12,255,593)	(20,624,318)	
146	276.4 Mains at all							
147	376.1 - Mains steel							
148 149	- Demand - Customer		-					
150	- Customer - Commodity		-					
151	Total							
152	Total							
153	376.2 - Mains plastic		-					
154	- Demand		-					
155	- Customer		-					
156	- Commodity		-					
157	Total		-	=	=	=	-	
158								
159	377 - Compressor station equipment							
160	- Demand		-					
161	- Customer		-					
162	- Commodity		-					
163	Total		-	-	-	-	-	
164	270 Management & angles Ca		(6.404.007)				i	
165	378 - Measurement & equip: Gen		(6,181,907)	(2.044.55=)	(600 =55)	(605 337)	(4.054.5)	DEM
166	- Demand	D2_Demand	(6,181,907) -	(3,841,467)	(680,508)	(605,887)	(1,054,044)	100%
167 168	- Customer - Commodity	-		-	-	-	-	0% 0%
169	- Commodity Total	-	(6,181,907)	(3,841,467)	(680,508)	(605,887)	(1,054,044)	U%
170	Total		(0,101,907)	(3,041,407)	(000,508)	(005,887)	(1,034,044)	
171	379 - Measurement & equip: CG		(1,786,056)				j	DEM
172	- Demand	D2_Demand	(1,786,056)	(1,109,864)	(196,610)	(175,051)	(304,531)	100%
173	- Customer		-	-	-	-	-	0%
174	- Commodity	-	-	-	-	-	-	0%
175	Total		(1,786,056)	(1,109,864)	(196,610)	(175,051)	(304,531)	
176								

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Accumulated Depreciation	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
177	380 - Services		(217,100,229)					CUS
178	- Demand	-	-	-	-	-	-	0%
179	- Customer	C6_services	(217,100,229)	(198,951,886)	(14,125,992)	(3,463,242)	(559,109)	100%
180	- Commodity	-	-	-	-	-	-	0%
181	Total		(217,100,229)	(198,951,886)	(14,125,992)	(3,463,242)	(559,109)	
182				(397,903,772)	(28,251,984)	(6,926,485)	(1,118,217)	
183	381 - Meters		(5,606,851)					CUS
184	- Demand	-	-	-	-	-	-	0%
185	- Customer	C3_meters	(5,606,851)	(3,814,932)	(1,032,504)	(483,001)	(276,414)	100%
186	- Commodity	-	-	-	-	-	-	0%
187	Total		(5,606,851)	(3,814,932)	(1,032,504)	(483,001)	(276,414)	
188								
189	382 - Meter installation		(37,046,542)					CUS
190	- Demand	-	-	-	-	-	-	0%
191	- Customer	C4_Metincus	(37,046,542)	(27,292,166)	(5,199,996)	(3,518,212)	(1,036,169)	100%
192	- Commodity	-	-	-	<u>-</u>	-	-	0%
193	Total		(37,046,542)	(27,292,166)	(5,199,996)	(3,518,212)	(1,036,169)	
194	202		(5.420.222)				i	0110
195	383 - House regulators		(5,439,223)					CUS
196	- Demand	-	- (-	- (-	- (=== +==)	0%
197	- Customer	C5_Regcus	(5,439,223)	(3,815,530)	(476,690)	(617,567)	(529,436)	100%
198 199	- Commodity	-	- (5, 420, 222)	- (2.045.520)	- (476 600)	- (647.567)	(520,426)	0%
	Total		(5,439,223)	(3,815,530)	(476,690)	(617,567)	(529,436)	
200	384 - House regulators Installations		_					
202	- Demand							
202	- Customer		-					
203	- Customer - Commodity		-					
205	Total							
206	1000		_	_	_	_	_	
207	385 - Industrial Meas & Reg stations		(252,432)				j	CUS
208	- Demand	_	-	-	-	_	_	0%
209	- Customer	C10 Lvcus	(252,432)	-	_	_	(252,432)	100%
210	- Commodity	-	-	-	-	-	-	0%
211	Total		(252,432)	-	-	_	(252,432)	2
212			(===, 152)				(===, 102)	
<u> </u>								

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Accumulated Depreciation	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
213	386 - Other property on customer premises							
214	- Demand		-					
215	- Customer		-					
216 217	- Commodity		-					-
218	Total		-	-	=	-	-	
219	387 - Other distribution equip.		_					
220	- Demand							
221	- Customer		_					
222	- Commodity		_					
223	Total		-	-	-	-	-	-
224								
225	Total Distribution Plant							
226	- Demand		(130,359,452)	(81,005,999)	(14,350,056)	(12,776,496)	(22,226,901)	
227	- Customer		(332,508,984)	(296,488,023)	(24,796,390)	(8,518,158)	(2,706,414)	
228	- Commodity		-	-	-	-	-	_
229	Total		(462,868,437)	(377,494,022)	(39,146,446)	(21,294,654)	(24,933,315)	
230								
231	General Plant							
232	389 - Land & land rights		. — -					DISPLT
233	- Demand	Plant Dist_D	-	-	-	-	-	34%
234 235	- Customer	Plant Dist_C	-	-	-	-	-	66%
236	- Commodity	-	-	-	-	-		0%
237	Total		-	-	=	-	-	
238	390.1 - Structures & improvements		(252,354)					DISPLT
239	- Demand	Plant Dist D	(86,128)	(53,520)	(9,481)	(8,441)	(14,685)	34%
240	- Customer	Plant Dist_C	(166,226)	(146,298)	(13,240)	(4,841)	(1,846)	
241	- Commodity	-	-	-	-	-	-	0%
242	Total		(252,354)	(199,819)	(22,722)	(13,282)	(16,531)	
243								
244	390.2 - General Improvements							
245	- Demand		-					
246	- Customer		-					
247	- Commodity		-					-
248	Total		=	-	-	-	=	
249								

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Accumulated Depreciation	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
250	391 - Office Furniture and Equipment		(3,680,482)					DISPLT
251	- Demand	Plant Dist_D	(1,256,144)	(780,574)	(138,277)	(123,114)	(214,178)	34%
252	- Customer	Plant Dist_C	(2,424,338)	(2,133,709)	(193,108)	(70,598)	(26,924)	66%
253	- Commodity	-	-	-	-	-	-	0%
254	Total		(3,680,482)	(2,914,283)	(331,385)	(193,712)	(241,102)	
255							i	
256	391.5 - Enterprise Software-EIMS		(12,274,769)					DISPLT
257	- Demand	Plant Dist_D	(4,189,364)	(2,603,291)	(461,168)	(410,598)	(714,306)	34%
258	- Customer	Plant Dist_C	(8,085,405)	(7,116,129)	(644,033)	(235,450)	(89,794)	66%
259	- Commodity	-	-	-	-	-	-	0%
260	Total		(12,274,769)	(9,719,420)	(1,105,201)	(646,049)	(804,100)	
261 262	392.1 - Transp. Equip. Cars & Small Trucks		(4,390,634)				ı	DISDLE
		Di+ Di-+ D	, 	(024.406)	(464.050)	(4.45.050)	(255 504)	DISPLT
263	- Demand	Plant Dist_D	(1,498,518)	(931,186)	(164,958)	(146,869)	(255,504)	34%
264 265	- Customer	Plant Dist_C	(2,892,116)	(2,545,410)	(230,368)	(84,220)	(32,119)	66% 0%
266	- Commodity Total	-	(4,390,634)	(3,476,596)	(395,326)	(231,089)	(287,623)	U%
267	Total		(4,390,034)	(3,470,390)	(393,320)	(231,069)	(207,023)	
268	392.2 - Transp. Equip. Heavy Trucks		(4,829,016)				İ	DISPLT
269	- Demand	Plant Dist D	(1,648,138)	(1,024,161)	(181,428)	(161,534)	(281,015)	34%
270	- Customer	Plant Dist C	(3,180,879)	(2,799,556)	(253,369)	(92,628)	(35,326)	66%
271	- Commodity		-	-	-	-	-	0%
272	Total		(4,829,016)	(3,823,717)	(434,797)	(254,162)	(316,341)	
273								
274	393 - Stores Equipment		(205,568)					DISPLT
275	- Demand	Plant Dist_D	(70,160)	(43,598)	(7,723)	(6,876)	(11,963)	34%
276	- Customer	Plant Dist_C	(135,408)	(119,175)	(10,786)	(3,943)	(1,504)	66%
277	- Commodity	-	-	-	-	-	-	0%
278	Total		(205,568)	(162,773)	(18,509)	(10,820)	(13,466)	
279	204 7 1		(2.044.:==)				i	
280	394 - Tools		(2,911,155)					DISPLT
281	- Demand	Plant Dist_D	(993,574)	(617,412)	(109,373)	(97,380)	(169,409)	34%
282	- Customer	Plant Dist_C	(1,917,581)	(1,687,702)	(152,742)	(55,841)	(21,296)	66%
283	- Commodity	-	- (2.014.155)	(2.205.444)	- (262.446)	(452.224)	- (100 705)	0%
284	Total		(2,911,155)	(2,305,114)	(262,116)	(153,221)	(190,705)	
285								

	A	В	С	D	E	F	G	Н
1	Missouri Gas Energy	_			Small	Large	Large	•
2	Allocation of Accumulated Depreciation	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
286	395 - Laboratory Equipment							
287	- Demand		-					
288	- Customer		=					
289	- Commodity		-					
290	Total		-	-	-	-	-	
291 292	396 - Power operated equip		(548,141)				i	DISPLT
293	- Demand	Plant Dist_D	(187,080)	(116,252)	(20,594)	(18,336)	(31,898)	34%
294	- Customer	Plant Dist_D	(361,061)	(317,777)	(28,760)	(10,514)	(4,010)	66%
295	- Commodity	-	-	-	(20), 66)	-	(1,020)	0%
296	Total		(548,141)	(434,030)	(49,354)	(28,850)	(35,908)	
297			, , ,	. , -,	, , , ,	, ,,	, ,,	
298	397.1 - Communications equip - AMR		(12,411,319)				ļ	CUS
299	- Demand	-	-	-	-	-	-	0%
300	- Customer	C8_Nonlvcus	(12,411,319)	(11,596,872)	(733,669)	(80,778)	-	100%
301	- Commodity	-	-	-	-	-	-	0%
302	Total		(12,411,319)	(11,596,872)	(733,669)	(80,778)	-	
303	207.0. Communications aguin		14 771				ı	DICDI T
304 305	397.0 - Communications equip	Dlant Dist. D	14,771	2 122		404	960	DISPLT 34%
306	- Demand - Customer	Plant Dist_D Plant Dist_C	5,041 9,730	3,133 8,564	555 775	494 283	860 108	66%
307	- Commodity	- Flatit Dist_C	-		-	203	100	0%
308	Total		14,771	11,696	1,330	777	968	070
309			,	,	_,===			
310	398 - Misc General Equipment		(517,389)					DISPLT
311	- Demand	Plant Dist_D	(176,584)	(109,730)	(19,439)	(17,307)	(30,108)	34%
312	- Customer	Plant Dist_C	(340,805)	(299,949)	(27,146)	(9,924)	(3,785)	66%
313	- Commodity	-	-	-	-	-	-	0%
314	Total		(517,389)	(409,680)	(46,585)	(27,231)	(33,893)	
315	Corporato							
316 317	Corporate							
318	- Demand - Customer		-					
319	- Commodity		- -					
320	Total		-	-	-	-	-	
321								
322	Total General Plant							
323	- Demand		(10,100,649)	(6,276,592)	(1,111,886)	(989,962)	(1,722,208)	
324	- Customer		(31,905,408)	(28,754,014)	(2,286,446)	(648,454)	(216,494)	
325	- Commodity		-	-	-	-	-	
326	Total		(42,006,057)	(35,030,606)	(3,398,332)	(1,638,416)	(1,938,702)	
327	Total Htility Dlant							
328	Total Utility Plant		(140 627 526)	(07.200.020)	(15 490 274)	(12.702.000)	(22.077.050)	
329	- Demand		(140,627,536)	(87,386,636)	(15,480,374)	(13,782,868)	(23,977,658)	
330 331	- Customer		(364,753,384)	(325,558,534)	(27,102,859)	(9,168,816)	(2,923,175)	
332	- Commodity Total		(505,380,920)	(412,945,170)	(42,583,233)	(22,951,684)	(26,900,833)	
552	Total		(303,380,920)	(412,945,170)	(42,583,233)	(22,951,684)	(20,900,833)	

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Rate Base	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
5	Net Plant in Service							
6	Total Gas Utility Plant							
7	- Demand		431,893,890	268,380,968	47,543,170	42,329,808	73,639,944	
8	- Customer		874,418,467	771,837,375	68,801,006	24,528,084	9,252,002	
9	- Commodity		-	-	-	-	-	
10	Total		1,306,312,356	1,040,218,343	116,344,176	66,857,891	82,891,946	
11								
12	Total Accumulated Depreciation							
13	- Demand		(140,627,536)	(87,386,636)	(15,480,374)			
14	- Customer		(364,753,384)	(325,558,534)	(27,102,859)	(9,168,816)	(2,923,175)	
15	- Commodity		-	-	-	-	-	
16	Total		(505,380,920)	(412,945,170)	(42,583,233)	(22,951,684)	(26,900,833)	
17								
	Net Plant in Service							
19	- Demand		291,266,354	180,994,332	32,062,796	28,546,940	49,662,286	
20	- Customer		509,665,083	446,278,842	41,698,147	15,359,268	6,328,827	
21	- Commodity		-	-	-	-	-	
22	Total		800,931,437	627,273,173	73,760,943	43,906,207	55,991,113	
23								
24	Construction Work in Progress						i	
25	Construction Work in Progress		35,186,016					NINTPLT
26	- Demand	Plant Dist_D	11,633,225	7,228,943	1,280,593	1,140,169	1,983,520	33%
27	- Customer	Plant Dist_C	23,552,791	20,729,289	1,876,067	685,867	261,569	67%
28	- Commodity		-	-			-	0%
29	Total		35,186,016	27,958,231	3,156,661	1,826,036	2,245,088	
30	Net Blantin Coming							
31	Net Plant in Service		202 000 570	400 222 274	22 242 222	20 607 400	E4 C4E 000	
32	- Demand		302,899,578	188,223,274	33,343,389	29,687,109	51,645,806	
33	- Customer		533,217,874	467,008,131	43,574,214	16,045,134	6,590,396	
34	- Commodity		- 026 447 452	-	- 70 047 002	45 722 242		
35	Total		836,117,453	655,231,405	76,917,603	45,732,243	58,236,201	
36								

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Rate Base	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
37	Additions to Utility Plant							
38	Materials and Supplies	•	5,004,239					TOTPLT
39	- Demand	Plant_TT_D	1,654,505	1,028,117	182,129	162,158	282,101	33%
40	- Customer	Plant_TT_C	3,349,734	2,956,765	263,564	93,963	35,443	67%
41	- Commodity		-	-	-	-	-	0%
42	Total		5,004,239	3,984,883	445,693	256,120	317,544	
43								
44	Net Cost of Removal							
45	- Demand		-					
46	- Customer		-					
47	- Commodity		-					
48	Total		-	-	-	-	-	
49							ı	
50	Gas Storage		29,273,371					DEM
51	- Demand	Plant GasInvDem	29,273,371	20,307,691	3,226,263	3,178,514	2,560,903	100%
52	- Customer		-	-	-	-	-	0%
53	- Commodity		-	-	-	-	-	0%
54	Total		29,273,371	20,307,691	3,226,263	3,178,514	2,560,903	
55								
56	Prepaid Expenses		3,169,251					NONTOTOIPEXP
57	- Demand	OPEXPDEM	897,962	576,562	96,016	82,845	142,539	28%
58	- Customer	OPEXPCUS	2,264,781	1,993,319	189,414	51,663	30,384	71%
59	- Commodity	OPEXPCOM	6,508	3,121	479	634	2,274	0%
60	Total		3,169,251	2,573,002	285,909	135,142	175,197	
61			7.405.50				ĺ	
62	Cash Working Capital	0.500.50	7,135,564					NONTOTOIPEXP
63	- Demand	OPEXPDEM	2,021,760	1,298,129	216,179	186,526	320,926	28%
64	- Customer	OPEXPCUS	5,099,151	4,487,954	426,466	116,320	68,410	71%
65	- Commodity	OPEXPCOM	14,653	7,027	1,079	1,427	5,119	0%
66	Total		7,135,564	5,793,111	643,724	304,273	394,456	
67								

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Rate Base	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
68	Other Regulatory Assets							
69							·	
70	Prepaid Pension Assets		2,812,626					NONAGOPEXP
71	- Demand	EXP_Non-A&G_D	813,209	517,484	87,664	76,322	131,738	29%
72	- Customer	EXP_Non-A&G_C	1,993,447	1,760,388	165,345	45,765	21,949	71%
73	- Commodity	EXP_Non-A&G_E	5,971	2,863	440	582	2,086	0%
74	Total		2,812,626	2,280,735	253,449	122,669	155,773	
75								
76	Red Tag Program		39,995					TOTPLT
77	- Demand	Plant_TT_D	13,223	8,217	1,456	1,296	2,255	33%
78	- Customer	Plant_TT_C	26,772	23,631	2,106	751	283	67%
79	- Commodity		-	-	-	-	-	0%
80	Total		39,995	31,848	3,562	2,047	2,538	
81							ı	
82	Low Income Energy Affordability		336,181					TOTPLT
83	- Demand	Plant_TT_D	111,149	69,068	12,235	10,894	18,951	33%
84	- Customer	Plant_TT_C	225,033	198,634	17,706	6,312	2,381	67%
85	- Commodity		-	-	-	-	-	0%
86	Total		336,181	267,702	29,941	17,206	21,332	
87							ı	
88	MGE Software		2,239,152					NONAGOPEXP
89	- Demand	EXP_Non-A&G_D	647,401	411,973	69,790	60,761	104,878	29%
90	- Customer	EXP_Non-A&G_C	1,586,997	1,401,457	131,632	36,434	17,473	71%
91	- Commodity	EXP_Non-A&G_E	4,753	2,280	350	463	1,661	0%
92	Total		2,239,152	1,815,710	201,772	97,658	124,012	
93			0.620.222				I	
94	One-Time Non-Capital Transition Costs	51/5 AL 400 -	8,620,933					NONAGOPEXP
95	- Demand	EXP_Non-A&G_D	2,492,552	1,586,131	268,698	233,934	403,789	29%
96	- Customer	EXP_Non-A&G_C	6,110,080	5,395,736	506,795	140,275	67,274	71%
97	- Commodity	EXP_Non-A&G_E	18,301	8,777	1,348	1,782	6,394	0%
98	Total		8,620,933	6,990,643	776,842	375,991	477,457	
99								

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Rate Base	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
100	Energy Efficiency Program		13,969,796					TOTPLT
101	- Demand	Plant_TT_D	4,618,703	2,870,085	508,430	452,678	787,511	33%
102	- Customer	Plant_TT_C	9,351,092	8,254,083	735,763	262,305	98,942	67%
103	- Commodity		-	=	-	=	-	0%
104	Total		13,969,796	11,124,168	1,244,193	714,983	886,452	
105								
106	Other Regulatory Assets		28,018,682					
107	- Demand		8,696,237	5,462,958	948,274	835,884	1,449,122	
108	- Customer		19,293,420	17,033,928	1,559,348	491,842	208,302	
109	- Commodity		29,025	13,920	2,138	2,827	10,140	
110	Total		28,018,682	22,510,806	2,509,759	1,330,553	1,667,564	
111	Tatal Additiona to Hillian Diana							
112	Total Additions to Utility Plant						. === ==.	
113	- Demand		42,543,834	28,673,457	4,668,860	4,445,926	4,755,591	
114 115	- Customer		30,007,087	26,471,967	2,438,792	753,789	342,539	
116	- Commodity		50,187	24,068	3,697	4,888	17,534	
117	Total		72,601,107	55,169,493	7,111,349	5,204,603	5,115,664	
118								
119	Reductions: Other Reg. Liabilities	Ī						
120	Reductions. Other Reg. Liabilities							
121	Rate Base Offset from GM-2013-0254		(118,326,358)				İ	TOTPLT
122	- Demand	Plant_TT_D	(39,121,142)	(24,310,068)	(4,306,482)	(3,834,253)	(6,670,339)	33%
123	- Customer	Plant TT C	(79,205,216)	(69,913,375)	(6,232,026)	(2,221,765)	(838,050)	67%
124	- Commodity		(75)255)215)	(05)515)5757	-	(2)222), 00)	-	0%
125	Total		(118,326,358)	(94,223,443)	(10,538,508)	(6,056,018)	(7,508,390)	2.1
126			, 2,2=2,200)	(= -,===, -10)	, -,,	(-,,-20)	(.,===,=30)	
127	Amortization of Rate Base Offset		39,442,119					TOTPLT
128	- Demand	Plant_TT_D	13,040,381	8,103,356	1,435,494	1,278,084	2,223,446	33%
129	- Customer	Plant_TT_C	26,401,739	23,304,458	2,077,342	740,588	279,350	67%
130	- Commodity		-	-	-	-	-	0%
131	Total		39,442,119	31,407,814	3,512,836	2,018,673	2,502,797	
132								
133	Other Regulatory Liabilities		(78,884,239)					TOTPLT
134	- Demand		(26,080,761)	(16,206,712)	(2,870,988)	(2,556,169)	(4,446,893)	33%
135	- Customer		(52,803,477)	(46,608,917)	(4,154,684)	(1,481,177)	(558,700)	67%
136	- Commodity		-	-	-	-	-	0%
137	Total		(78,884,239)	(62,815,629)	(7,025,672)	(4,037,345)	(5,005,593)	
138								

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Rate Base	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
139								
140	Accumulated Deferred Income Taxes		(28,506,945)					TOTPLT
141	- Demand	Plant_TT_D	(9,424,986)	(5,856,732)	(1,037,509)	(923,740)	(1,607,004)	33%
142	- Customer	Plant_TT_C	(19,081,959)	(16,843,388)	(1,501,407)	(535,263)	(201,901)	67%
143	- Commodity		-	-	-	-	-	0%
144	Total		(28,506,945)	(22,700,120)	(2,538,916)	(1,459,003)	(1,808,906)	
145							,	
146	Customer Deposits		(4,762,253)					CUS
147	- Demand		-	-	-	-	-	0%
148	- Customer	C2_depcus	(4,762,253)	(3,189,944)	(1,399,543)	(154,092)	(18,674)	100%
149	- Commodity		-	-	-	-	-	0%
150	Total		(4,762,253)	(3,189,944)	(1,399,543)	(154,092)	(18,674)	
151							ı	
	Customer Advances		(4,045,439)					MAINSVC
153	- Demand	Plant_MainsSrv_D	(1,522,439)	(1,182,202)			' '	38%
154	- Customer	Plant_MainsSrv_C	(2,523,000)	(2,355,580)	(149,024)	(16,408)	(1,988)	62%
155	- Commodity		-	-	-	-	-	0%
156	Total		(4,045,439)	(3,537,782)	(280,581)	(99,934)	(127,142)	
157								
158	Total Deductions		/ ·	/		,	,	
159	- Demand		(37,028,186)	(23,245,647)	(4,040,053)		, , , ,	
160	- Customer		(79,170,690)	(68,997,828)	(7,204,659)		, , ,	
161	- Commodity		- (445.400.075)	- (22.242.474)	-	- (5.550.054)	- (5.050.045)	
162	Total		(116,198,876)	(92,243,474)	(11,244,712)	(5,750,374)	(6,960,315)	
163	Total Data Dasa							
_	Total Rate Base		000 445				E0 000 - : -	
165	- Demand		308,415,227	193,651,085	33,972,196	30,569,600	50,222,346	
166	- Customer		484,054,271	424,482,270	38,808,347	14,611,984	6,151,670	
167	- Commodity		50,187	24,068	3,697	4,888	17,534	
168	Total		792,519,685	618,157,423	72,784,240	45,186,472	56,391,550	

TAB NAME: Alloc Rate Base

	A	В	С	D	Е	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of O&M Expenses	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
5	Production Expense							
6	717 - LPG Expense Maintenance	<u>-</u>						
7	- Demand		-					
8	- Customer		-					
9	- Commodity		-					
10	Total		-	-	-	-	-	
11								
12	742 - Maintenance of production equip							
13	- Demand		-					
14	- Customer		-					
15	- Commodity		-					
16	Total		-	-	-	-	-	
17								
18	Total Production Expenses							
19	- Demand		-	-	-	-	-	
20	- Customer		-	-	-	-	-	
21	- Commodity		-	-	-	-	-	
22	Total		-	-	-	-	-	
23		1						
24	Transmission Expenses							
25	Operations Expenses							
26	QEO. Curantisian & Engineering							
27	850 - Supervision & Engineering							
28 29	- Demand - Customer		-					
30	- Customer - Commodity		-					
31	- Commodity Total							
32	Total		-	-	-	-	-	
33	851 - Load Dispatching		_					
34	- Demand							
35	- Customer		-					
36	- Customer - Commodity		-					
37	Total							
38	Total		-	-	-	-	-	
50								

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of O&M Expenses	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
39	852 - Communication System Expenses							
40	- Demand		-					
41	- Customer		-					
42	- Commodity		-					
43	Total		-	-	-	-	-	
44	ı							
45	856 - Mains Expenses							
46	- Demand		-					
47	- Customer		-					
48	- Commodity		-					•
49	Total		-	-	-	-	-	
50 51	857 - Measuring and Regulating Expenses							
52								
53	- Demand - Customer		-					
54	- Customer - Commodity		_					
55	Total			-	-			
56	I							
57	858 - Transmission & Compression by other		-					
58	- Demand							
59	- Customer		-					
60	- Commodity		-					
61	Total		-	-	-	-	-	
62	1							
63	859 - Other expenses							
64	- Demand		-					
65	- Customer		-					
66 67	- Commodity		-					•
68	Total		-	-	-	-	-	
69	860 - Rents		_					
70	- Demand							
71	- Customer		_					
72	- Commodity		-					
73	Total		-	-	-	-	-	
74	ı							
75	Total Operations Expense							
76	- Demand		-	-	-	-	-	
77	- Customer		-	-	-	-	-	
78	- Commodity		-	-	-	-	-	
79	Total		-	-	-	-	-	
80								

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of O&M Expenses	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
81	Maintenance Expense							
82	861 - Supervision							
83	- Demand		-					
84	- Customer		-					
85	- Commodity		-					
86	Total		-	-	-	-	-	
87								
88	862 - Maintenance Structure & Improve							
89	- Demand		-					
90	- Customer		-					
91	- Commodity		-					
92	Total		-	-	-	-	-	
93	863 - Maintenance of Mains							
94 95	- Demand							
96	- Demand - Customer		-					
97	- Customer - Commodity		-					
98	Total							
99	Total							
100	864 - Maintenance of Compressor Station		_					
101	- Demand							
102	- Customer		_					
103	- Commodity		_					
104	Total		-	-	-	-	-	
105								
106	865 - Maintenance of M&R station							
107	- Demand		-					
108	- Customer		-					
109	- Commodity		<u>-</u>					
110	Total		-	-	-	-	-	
111								
112		ment						
113	- Demand		-					
114	- Customer		-					
115	- Commodity		-					
	Total		-	-	-	-	-	
117								

	А	В	С	D	Е	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of O&M Expenses	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
118	867 - Maintenance of Other Equipment							
119	- Demand		-					
120	- Customer		-					
121	- Commodity		-					
122	Total		-	-	-	-	-	
123								
124	Total Maintenance Expense							
125	- Demand		-	-	-	-	-	
126	- Customer		-	-	-	-	-	
127	- Commodity		-	-	-	-	-	
128	Total		-	-	-	-	-	
129								
130	Total Transmission Expenses							
131	- Demand		-	-	-	-	-	
132	- Customer		-	-	-	-	-	
133	- Commodity		-	-	-	-	-	
134	Total		-	-	-	-	-	
135	Disable at a Forest	1						
136 137	Distribution Expenses Operations Expenses							
138	Орегаціона Ехренаев							
139	805 - Purchased Gas Cost Adjustment		(68,901)				İ	СОМ
140	- Demand		(00,501)	_	_	_	_	0%
141	- Customer		_	_	_	_	_	0%
142	- Commodity	D1 sales	(68,901)	(33,043)	(5,075)	(6,710)	(24,072)	100%
143	Total	D1_50.005	(68,901)		(5,075)	(6,710)	(24,072)	20075
144			()502)	(22)0.07	(=)010)	(-), 20)	(= :/072)	
145	870 - Supervision & Engineering		142,549				ļ	EXP871-880
146	- Demand	EXP_871-880_D	39,743	29,230	3,683	2,634	4,196	28%
147	- Customer	EXP_871-880_C	100,497	81,700	11,010	5,151	2,636	71%
148	- Commodity	EXP 871-880 E	2,309	1,108	170	225	807	2%
149	Total		142,549	112,037	14,864	8,010	7,639	· ·
150			,-	,	,	,	,,,,,	
151	871 - Distribution Load Dispatching + Odoriz	zation	136,772					СОМ
152	- Demand		-	-	-	-	-	0%
153	- Customer		-	-	-	-	-	0%
154	- Commodity	D1_sales	136,772	65,592	10,075	13,321	47,784	100%
155	Total		136,772	65,592	10,075	13,321	47,784	
156								

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of O&M Expenses	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
157	872 - Compressor Station Labor and Expens	es						
158	- Demand		-					
159	- Customer		-					
160	- Commodity		-					
161	Total		-	-	-	-	-	
162							,	
163	874 - Mains & services expense		4,599,636					MAINSVC
164	- Demand	Plant_MainsSrv_D	1,731,002	1,344,156	149,579	94,968	142,299	38%
165	- Customer	Plant_MainsSrv_C	2,868,634	2,678,278	169,440	18,656	2,261	62%
166	- Commodity		-	-	-	-	-	0%
167	Total		4,599,636	4,022,434	319,019	113,624	144,560	
168	075 Management 0 Day Care 1		622.722				I	
169	875 - Measurement & Reg - General		622,739					DEM
170	- Demand	D2_Demand	622,739	386,973	68,551	61,034	106,180	100%
171	- Customer		-	-	-	-	-	0%
172 173	- Commodity		-	- 206.072			-	0%
	Total		622,739	386,973	68,551	61,034	106,180	
174 175	876 - Measurement & Reg - Industrial							
176	- Demand		· — — — — — — — — — — — — — — — — — — —					
177	- Customer		-					
178	- Commodity		-					
179	Total							
180	Total							
181	877 - Measurement & Reg - City Gate		_					
182	- Demand							
183	- Customer		-					
184	- Commodity		-					
185	Total		-	-	-	-	-	
186								
187	878 - Meter and House Regulator		2,143,852					CUS
188	- Demand		-	-	-	-	-	0%
189	- Customer	C7_Metregcus	2,143,852	1,468,300	350,788	197,172	127,593	100%
190	- Commodity		<u> </u>	-	-	<u> </u>	<u>-</u>	0%
191	Total		2,143,852	1,468,300	350,788	197,172	127,593	
192								
193	879 - Customer installation		939,433					CUS
194	- Demand		-	-	-	-	-	0%
195	- Customer	C4_Metincus	939,433	692,080	131,862	89,215	26,275	100%
196	- Commodity		-	-	-	-	-	0%
197	Total		939,433	692,080	131,862	89,215	26,275	
198								

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of O&M Expenses	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
199	880 - Other expenses		4,384,246					EXP871-879
200	- Demand	EXP_871-879_D	1,222,323	898,994	113,278	81,014	129,038	28%
201	- Customer	EXP_871-879_C	3,090,896	2,512,767	338,637	158,412	81,079	71%
202	- Commodity	EXP_871-879_E	71,027	34,063	5,232	6,917	24,815	2%
203	Total		4,384,246	3,445,823	457,147	246,344	234,932	
204							1	
205	881 - Rents		50,464					EXP871-879
206	- Demand	EXP_871-879_D	14,069	10,348	1,304	932	1,485	28%
207	- Customer	EXP_871-879_C	35,577	28,923	3,898	1,823	933	71%
208	- Commodity	EXP_871-879_E	818	392	5 262	80	286	2%
209	Total		50,464	39,663	5,262	2,835	2,704	
210 211	Total Operations Expenses							
212	- Demand		3,629,876	2,669,700	336,395	240,583	383,197	
213	- Customer		9,178,890	7,462,047	1,005,636	470,430	240,778	
214	- Commodity		142,025	68,112	10,462	13,832	49,619	
215	Total		12,950,790	10,199,858	1,352,493	724,845	673,594	
216	Total		12,550,750	10,155,050	1,332,433	724,043	073,334	
217	Maintenance Expense							
218	885 - Supervision		192,790					DIS887-893
219	- Demand	EXP 887-893 D	112,414	69,855	12,375	11,018	19,167	58%
220	- Customer	EXP_887-893_C	79,822	71,294	5,368	1,184	1,977	41%
221	- Commodity	EXP_887-893_E	554	265	41	54	193	0%
222	Total		192,790	141,414	17,783	12,255	21,338	
223								
224	886 - Maintenance Structure & Improve		244,367					DIS887-893
225	- Demand	EXP_887-893_D	142,488	88,543	15,685	13,965	24,295	58%
226	- Customer	EXP_887-893_C	101,177	90,367	6,804	1,500	2,506	41%
227	- Commodity	EXP_887-893_E	702	336	52	68	245	0%
228	Total		244,367	179,246	22,540	15,534	27,047	
229	007 Maintanana of Marin-		47 522 662				ı	DI TOTO:
230	887 - Maintenance of Mains	D2 D	17,533,690	7.026.020	4 246 564	4 400 000	4 020 000	PLT376MAINS
231	- Demand	D2_Demand	11,324,064	7,036,829	1,246,561	1,109,869	1,930,806	65%
232 233	- Customer - Commodity	C1_customers	6,209,626	5,797,569	366,780	40,383	4,894	35% 0%
234	- Commodity Total		17,533,690	12,834,398	1,613,341	1,150,252	1,935,700	U70
235	Total		17,555,090	12,034,398	1,013,341	1,130,252	1,955,700	
236	889 - Maintenance of M&R station - Genera	ı	743,037					DEM
237	- Demand	D2 Demand	743,037	461,727	81,794	72,825	126,691	100%
238	- Customer		-	-	-	-	-	0%
239	- Commodity		-	-	-	-	-	0%
240	Total		743,037	461,727	81,794	72,825	126,691	
241			-,	- ,	-,	,	-,	

	А	В	С	D	Е	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of O&M Expenses	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
242	Odorant Expense (Acct. 891 reduced by Odo	orant Expense for Tes	60,051					COM
243	- Demand		-	-	-	-	-	0%
244	- Customer		-	-	-	-	-	0%
245	- Commodity	D1_sales	60,051	28,799	4,423	5,849	20,980	100%
246	Total		60,051	28,799	4,423	5,849	20,980	
247								
248	890 - Maintenance of M&R station - Industr	ial	165,113					CUS
249	- Demand		-	-	-	-	-	0%
250	- Customer	C10_Lvcus	165,113	-	-	-	165,113	100%
251	- Commodity		-	-	-	-	-	0%
252	Total		165,113	-	-	-	165,113	
253							,	
254	891 - Maintenance of M&R station - City Ga		127,914					DEM
255	- Demand	D2_Demand	127,914	79,486	14,081	12,537	21,810	100%
256	- Customer		-	-	-	-	-	0%
257	- Commodity		-	-	-	-	-	0%
258	Total		127,914	79,486	14,081	12,537	21,810	
259							1	
260	892 - Maintenance of Services		1,606,224					CUS
261	- Demand		-	-	-	-	-	0%
262	- Customer	C6_services	1,606,224	1,471,953	104,512	25,623	4,137	100%
263	- Commodity		-		-	-	-	0%
264	Total		1,606,224	1,471,953	104,512	25,623	4,137	
265	893 - Maintenance of Meter and House Reg		670.364				ı	CITE
266 267	-		678,364					CUS
268	- Demand - Customer	C7 Matuagana		-	-	-	-	0%
269		C7_Metregcus	678,364	464,604	110,997 -	62,390	40,373	100% 0%
269	- Commodity Total		678,364	464,604	110,997	62,390	40,373	U%
271	IULai		0/8,364	404,604	110,997	02,390	40,373	
211								

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of O&M Expenses	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
272	894 - Maintenance of Other Equipment		41,914					DIS887-893
273	- Demand	EXP_887-893_D	24,440	15,187	2,690	2,395	4,167	58%
274	- Customer	EXP_887-893_C	17,354	15,500	1,167	257	430	41%
275	- Commodity	EXP_887-893_E	120	58	9	12	42	0%
276	Total		41,914	30,744	3,866	2,664	4,639	
277								
278	Total Maintenance Expense							
279	- Demand		12,474,358	7,751,627	1,373,186	1,222,609	2,126,937	
280	- Customer		8,857,680	7,911,285	595,627	131,337	219,430	
281	- Commodity		61,426	29,459	4,525	5,982	21,461	
282	Total		21,393,464	15,692,371	1,973,337	1,359,928	2,367,828	
283								
284	Total Distribution O&M Expenses							
285	- Demand		16,104,234	10,421,327	1,709,581	1,463,192	2,510,134	
286	- Customer		18,036,569	15,373,332	1,601,262	601,766	460,208	
287	- Commodity		203,451	97,570	14,986	19,815	71,080	
288	Total		34,344,254	25,892,230	3,325,830	2,084,773	3,041,422	
289		•						
290	Customer Account Expense							
291	901 - Supervision							
292	- Demand		-					
293	- Customer		-					
294	- Commodity		-					
295	Total		-	-	-	-	-	
296							i	
297	902 - Meter reading expense		1,976,539					CUS
298	- Demand		-	-	-	-	-	0%
299	- Customer	C1_customers	1,976,539	1,845,381	116,747	12,854	1,558	100%
300	- Commodity		-	-	-	-	-	0%
301	Total		1,976,539	1,845,381	116,747	12,854	1,558	
302							i	
303	903 - Customer records & collections		12,561,118					CUS
304	- Demand		-	-	-	-	-	0%
305	- Customer	C11_903cus	12,561,118	11,585,112	869,265	98,428	8,314	100%
306	- Commodity		-	-	<u> </u>	-	-	0%
307	Total		12,561,118	11,585,112	869,265	98,428	8,314	
308								

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of O&M Expenses	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4							_	
309	904 - Uncollectible expense		4,896,608					CUS
310	- Demand		-	-	-	-	-	0%
311	- Customer	C12_904cus	4,896,608	4,224,972	599,059	72,577	-	100%
312	- Commodity		-	-	-	-	-	0%
313	Total		4,896,608	4,224,972	599,059	72,577	-	
314							,	
315	905 - Miscellaneous Customer Service		78,951					CUS
316	- Demand		-	-	-	-	-	0%
317	- Customer	EXP_902-904_C	78,951	71,724	6,439	747	40	100%
318	- Commodity		-	-	-	-	-	0%
319	Total		78,951	71,724	6,439	747	40	
320								
321	Total Customer Account Expenses							
322	- Demand		-	-	-	-	-	
323	- Customer		19,513,217	17,727,189	1,591,511	184,605	9,912	
324	- Commodity		-	-	-	-	-	
325	Total		19,513,217	17,727,189	1,591,511	184,605	9,912	
326		ı						
327	Customer Service & Informational Expense		4 205 070				ı	2112
328	908 - Customer Assistance		4,205,079					CUS
329	- Demand	60 0 11	-	-	-	-	-	0%
330	- Customer	C9_Residcus	4,205,079	4,205,079	-	-	-	100%
331 332	- Commodity		4 205 070	4 205 070	-		-	0%
333	Total		4,205,079	4,205,079	-	-	-	
334	909 - Info & Inst Advertising		38,699				İ	CUS
335	- Demand		- 30,033	_	_	_	_	0%
336	- Customer	C1_customers	38,699	36,131	- 2,286	- 252	30	100%
337	- Customer - Commodity	C1_Custoffiers	30,099	50,151	2,200	252	50	0%
338	Total		38,699	36,131	2,286	252	30	0/0
339	Total		30,033	50,131	2,280	232	30	
340	Total Customer Service Expenses							
341	- Demand		_	_	_	_	_	
342	- Customer		4,243,778	4,241,210	2,286	252	30	
343	- Commodity			-,241,210	-	-	-	
344	Total		4,243,778	4,241,210	2,286	252	30	
345			7,273,770	7,271,210	2,200	232	30	
5.5								

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of O&M Expenses	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
346	Sales & Advertising Expense						_	
347	911 - Supervision		162,698					CUS
348	- Demand		-	-	-	-	-	0%
349	- Customer	EXP_912-913_C	162,698	88,977	66,368	7,307	46	100%
350	- Commodity		-	-	-	-	-	0%
351	Total		162,698	88,977	66,368	7,307	46	
352								
353	912 - Demonstration and selling		916,181					CUS
354	- Demand		-	-	-	-	-	0%
355	- Customer	C13_912cus	916,181	501,046	373,727	41,148	259	100%
356	- Commodity		-	-	-	-	-	0%
357	Total		916,181	501,046	373,727	41,148	259	
358								
359	913 - Advertising							
360	- Demand		-					
361	- Customer		-					
362	- Commodity		-					
363	Total		-	-	-	-	-	
364							ı	
365	916 - Misc Sales Expense		5,500					CUS
366	- Demand		-	-	-	-	-	0%
367	- Customer	EXP_912-913_C	5,500	3,008	2,244	247	2	100%
368	- Commodity		-	-	-	<u> </u>	-	0%
369	Total		5,500	3,008	2,244	247	2	
370	Total Salas Evnansa							
371	Total Sales Expense							
372	- Demand		4 004 272	-	-	40.700	-	
373	- Customer		1,084,379	593,031	442,338	48,702	307	
374 375	- Commodity		1 004 272	-	- 442 222	- 40.703	-	
375	Total		1,084,379	593,031	442,338	48,702	307	
	Administrative & Consul Function	1						
377 378	Administrative & General Expense Operations	I						
378	920 - A&G Salaries		10,702,321				ſ	NONAGOPEXP
380	- Demand	EXP_Non-A&G_D	3,094,339	1,969,078	333,571	290,413	501,277	29%
381	- Demand - Customer	EXP_Non-A&G_D EXP_Non-A&G_C	7,585,262	6,698,451	629,153	290,413 174,142	83,516	71%
382	- Customer - Commodity	EXP_Non-A&G_C EXP_Non-A&G_E	7,585,262 22,719	10,896	1,674	2,213	7,937	0%
383	- Commodity Total	LAF_NUII-AQU_E	10,702,321	8,678,424	964,398	466,768	592,731	U70
384	Total		10,702,321	0,070,424	904,398	400,708	392,/31	
504								

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of O&M Expenses	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
385	921 - Office supplies		9,786,383					NONAGOPEXP
386	- Demand	EXP_Non-A&G_D	2,829,516	1,800,558	305,023	265,559	458,377	29%
387	- Customer	EXP_Non-A&G_C	6,936,092	6,125,177	575,308	159,238	76,369	71%
388	- Commodity	EXP_Non-A&G_E	20,775	9,963	1,530	2,023	7,258	0%
389	Total		9,786,383	7,935,698	881,862	426,820	542,003	
390								
391	922 - Administrative Expense Transfer		(7,449,468)					NONAGOPEXP
392	- Demand	EXP_Non-A&G_D	(2,153,849)	(1,370,598)	(232,186)	(202,145)	(348,920)	29%
393	- Customer	EXP_Non-A&G_C	(5,279,805)	(4,662,530)	(437,929)	(121,213)	(58,132)	71%
394	- Commodity	EXP_Non-A&G_E	(15,814)	(7,584)	(1,165)	(1,540)	(5,525)	0%
395	Total		(7,449,468)	(6,040,712)	(671,280)	(324,899)	(412,577)	
396								
397	923 - Outside services employed		5,439,918					NONAGOPEXP
398	- Demand	EXP_Non-A&G_D	1,572,832	1,000,869	169,552	147,615	254,796	29%
399	- Customer	EXP_Non-A&G_C	3,855,538	3,404,778	319,794	88,515	42,451	71%
400	- Commodity	EXP_Non-A&G_E	11,548	5,538	851	1,125	4,035	0%
401	Total		5,439,918	4,411,185	490,197	237,255	301,281	
402								
403	924 - Property insurance		407,076					TOTPLT
404	- Demand	Plant_Total_D	134,588	83,634	14,816	13,191	22,948	33%
405	- Customer	Plant_Total_C	272,489	240,522	21,440	7,644	2,883	67%
406	- Commodity		=	-	-	-	-	0%
407	Total		407,076	324,156	36,255	20,834	25,831	
408							,	
409	925 - Injuries and damages		2,862,064					NONAGOPEXP
410	- Demand	EXP_Non-A&G_D	827,503	526,580	89,205	77,664	134,054	29%
411	- Customer	EXP_Non-A&G_C	2,028,486	1,791,331	168,251	46,570	22,334	71%
412	- Commodity	EXP_Non-A&G_E	6,076	2,914	448	592	2,123	0%
	Total		2,862,064	2,320,824	257,904	124,825	158,511	
414								

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of O&M Expenses	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4							_	
415	926 - Employed pensions & benefits		17,350,288					NONAGOPEXP
416	- Demand	EXP_Non-A&G_D	5,016,452	3,192,211	540,776	470,810	812,656	29%
417	- Customer	EXP_Non-A&G_C	12,297,004	10,859,332	1,019,965	282,313	135,394	71%
418	- Commodity	EXP_Non-A&G_E	36,832	17,664	2,713	3,587	12,868	0%
419	Total		17,350,288	14,069,206	1,563,454	756,710	960,918	
420								
421	928 - Regulatory commission expense		3,062,891					CUS
422	- Demand		-	-	-	-	-	0%
423	- Customer	D3_totalrevenues	3,062,891	2,406,523	231,525	203,177	221,666	100%
424	- Commodity		-	-	-	-	-	0%
425	Total		3,062,891	2,406,523	231,525	203,177	221,666	
426								
427	930 - Misc. General Expenses		1,055,293					NONAGOPEXP
428	- Demand	EXP_Non-A&G_D	305,115	194,159	32,891	28,636	49,428	29%
429	- Customer	EXP_Non-A&G_C	747,938	660,495	62,037	17,171	8,235	71%
430	- Commodity	EXP_Non-A&G_E	2,240	1,074	165	218	783	0%
431	Total		1,055,293	855,728	95,094	46,025	58,446	
432							ı	
433	931 - Rents		944,538					DISPLT
434	- Demand	Plant Dist_D	322,370	200,322	35,487	31,595	54,966	34%
435	- Customer	Plant Dist_C	622,168	547,583	49,558	18,118	6,910	66%
436	- Commodity		-	-	-	-	-	0%
437	Total		944,538	747,905	85,045	49,713	61,875	
438	Total Constitute Survey							
439	Total Operations Expenses		44 040 055	7.506.000	4 202 45-	4 400 000	4 000 500	
440	- Demand		11,948,866	7,596,811	1,289,135	1,123,337	1,939,582	
441	- Customer		32,128,063	28,071,661	2,639,103	875,675	541,625	
442	- Commodity		84,376	40,465	6,215	8,218	29,478	
443	Total		44,161,305	35,708,937	3,934,453	2,007,229	2,510,685	
444 445	Maintenance							
445	932 - Maintenance of general plant		250,654				į	CENDLE
		Dlant Cor D		20 575	7.044	C 242	10.050	GENPLT 259/
447	- Demand - Customer	Plant_Gen_D	63,686	39,575	7,011	6,242	10,859	25%
448 449		Plant_Gen_C	186,968	168,030 -	13,577	3,996	1,365	75% 0%
	- Commodity		250,654	207,605	20,588	10,238	12 224	U%
450 451	Total		250,654	207,605	20,588	10,238	12,224	
43 I								

FILE NAME: MGE COSS Model_10APR17 TAB NAME: Alloc O&M

	А	В	С	D	Е	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of O&M Expenses	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	LGS	LVS	Factor
4								
452	Payroll Adjustment						_	
453	Payroll Adjustment		2,730,213					NONAGOPEXP
454	- Demand	EXP_Non-A&G_D	789,381	502,321	85,096	74,086	127,878	29%
455	- Customer	EXP_Non-A&G_C	1,935,036	1,708,807	160,500	44,424	21,305	71%
456		EXP_Non-A&G_E	5,796	2,780	427	564	2,025	0%
457	Total		2,730,213	2,213,907	246,023	119,075	151,209	
458								
459	Total A&G Expense							
460	- Demand		12,801,932	8,138,707	1,381,242	1,203,665	2,078,319	
461	- Customer		34,250,068	29,948,498	2,813,180	924,095	564,296	
462	- Commodity		90,172	43,244	6,642	8,782	31,503	
463	Total		47,142,172	38,130,449	4,201,064	2,136,542	2,674,118	
464								
465	Total O&M Expense							
466			28,906,167	18,560,034	3,090,823	2,666,857	4,588,453	
467			77,128,011	67,883,261	6,450,577	1,759,420	1,034,753	
468			293,623	140,814	21,629	28,597	102,583	
469	Total		106,327,800	86,584,109	9,563,029	4,454,874	5,725,789	

FILE NAME: MGE COSS Model_10APR17

TAB NAME: Alloc O&M

	٨	В	С	D	Е	F	G	Н
1	A Missouri Gas Energy	В		U	Small	Large	Large	Н
2	Allocation of Taxes Other Than Income	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3	Allocation of Taxes Other Than Income	Factor	Company	RS	SGS	LGS	LVS	Factor
4		ractor	Company	1/2	303	103	LVJ	ractor
5	Taxes Other Than Income							
6	raxes other man meome	-						
7	Ad Valorem		19,418,142					TOTPLT
8	- Demand	Plant_Total_D	6,420,040	3,989,444	706,722	629,226	1,094,647	33%
9	- Customer	Plant_Total_C	12,998,103	11,473,250	1,022,717	364,606	137,530	67%
10	- Commodity		-	,	-,,	-	-	0%
11	Total		19,418,142	15,462,694	1,729,439	993,833	1,232,177	0,72
12			-, -,	-, - ,	, -,	,	, - ,	
13	Payroll		3,894,460					NONTOTOIPEXP
14	- Demand	EXP_TTotal_D	1,103,439	701,960	118,984	103,620	178,876	28%
15	- Customer	EXP_TTotal_C	2,783,023	2,449,555	230,082	67,645	35,741	71%
16	- Commodity	EXP_TTotal_E	7,998	3,835	589	779	2,794	0%
17	Total		3,894,460	3,155,350	349,655	172,044	217,411	
18								
19	Gross Recepts		0					
20	- Demand		-					
21	- Customer		-					
22	- Commodity							
23	Total		-	-	-	-	-	
24								
25	Other							
26	- Demand		-					
27	- Customer		-					
28	- Commodity		_					
29	Total		-	-	-	-	-	
30								
31	<u> </u>							
32	- Demand		-					
33	- Customer		-					
34	- Commodity							
35	Total		-	-	-	-	-	
36	Total Tayor Other Then Income							
37	Total Taxes Other Than Income		= ===		225 525			
38	- Demand		7,523,479	4,691,404	825,706	732,847	1,273,523	
39	- Customer		15,781,126	13,922,805	1,252,799	432,252	173,270	
40	- Commodity		7,998	3,835	589	779	2,794	
41	Total		23,312,602	18,618,044	2,079,094	1,165,877	1,449,587	

FILE NAME: MGE COSS Model_10APR17

TAB NAME: Alloc Taxes

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy		<u> </u>		Small	Large	Large	
2	Allocation of Depreciation and	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3	Amortization Expenses	Factor	Company	RS	SGS	LGS	LVS	Factor
4								
5	Intangible Plant							
6	301 - Organization Costs							
7	- Demand		-					
8	- Customer		-					
9	- Commodity		-					
10	Total		-	-	-	-	-	
11								
12	302 - Franchise and Consents							
13	- Demand		-					
14	- Customer		-					
15	- Commodity		-					
16	Total		-	-	-	-	-	
17	202 44: 1 : 11 21 :							
18								
19	- Demand		-					
20 21	- Customer		-					
	- Commodity		-					
22 23	Total		-	-	-	-	-	
24	Total Intangible Plant							
25	- Demand							
26	- Customer		-	-	-	-	-	
27	- Commodity		_	_	_		_	
28	Total							
29								
30	Production Plant Expense							
31	304 - Land & land rights		-					
32	- Demand							
33	- Customer		-					
34	- Commodity		-					
35	Total		-	-	-	-	-	
36								

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Depreciation and	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3	Amortization Expenses	Factor	Company	RS	SGS	LGS	LVS	Factor
4								
37	305 - Structures & improvements							
38	- Demand		-					
39	- Customer		-					
40	- Commodity		-					
41	Total		-	-	-	-	-	
42								
43	311 - LPG equipment							
44	- Demand		-					
45	- Customer		-					
46	- Commodity		-					
47	Total		-	-	-	-	-	
48								
49	325.4 - Rights of way							
50	- Demand		-					
51	- Customer		-					
52	- Commodity		-					
53	Total		-	-	-	-	-	
54								
55	Total Production Plant							
56	- Demand		-	-	-	-	-	
57	- Customer		-	-	-	-	-	
58 59	- Commodity		-	<u>-</u>	-	-		
60	Total		-	-	-	-	-	
61	Transmission Plant							
62	365.0 - T&D: Land and Land Rights		_					
63	- Demand							
64	- Customer		- -					
65	- Customer - Commodity		- -					
66		•						
67	lotai		-	-	-	-	-	
07								

A	В	С	D	E	F	G	Н
1 Missouri Gas Energy				Small	Large	Large	
2 Allocation of Depreciation and	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3 Amortization Expenses	Factor	Company	RS	SGS	LGS	LVS	Factor
4							
68 365.1 - Land and Land Rights							
69 - Demand		-					
70 - Customer		-					
71 - Commodity							
72 Total		-	-	-	-	-	
73							
74 365.2 - Rights-of-Way							
75 - Demand		-					
76 - Customer		-					
77 - Commodity							
78 Total		-	-	-	-	-	
79							
80 366.1 - Compressor station structures							
81 - Demand		-					
82 - Customer		-					
- Commodity							
84 Total 85		-	-	-	-	-	
86 367.1 - Mains							
87 - Demand							
88 - Customer		-					
89 - Commodity							
90 Total				-			
91							
92 368 - Compressor Station Equipment		-					
93 - Demand							
94 - Customer		_					
95 - Commodity		_					
96 Total		-	-	-	-	-	
97							
98 369 - Measuring and Reg. Sta. Equipment							
99 - Demand		-					
100 - Customer		-					
101 - Commodity		-					
102 Total		-	-	-	-	-	
103							

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Depreciation and	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3	Amortization Expenses	Factor	Company	RS	SGS	LGS	LVS	Factor
4								
104	370 - Communication Equipment							
105	- Demand		-					
106	- Customer		-					
107	- Commodity		-					
108	Total		-	-	-	-	-	
109								
110								
111	- Demand		-					
112	- Customer		-					
113	- Commodity		-					
114	Total		-	-	-	-	-	
115								
116	Total Transmission Plant							
117	- Demand		-	-	-	-	-	
118	- Customer		-	-	-	-	-	
119	- Commodity		-	-	-	-	<u> </u>	
120	Total		-	-	-	-	-	
121		Ī						
122	Distribution Expense							
123	374.1 - Land							
124	- Demand		-					
125	- Customer		-					
126	- Commodity		<u> </u>					
127 128	Total		-	-	-	-	-	
128	374.2 - Land Rights		58,975				İ	DIS376-379
130	- Demand	Plant_376-379_D	38,817	24 121	4 272	3,804	6 610	66%
131	- Demand - Customer	Plant_376-379_D Plant_376-379_C	20,158	24,121 18,820	4,273 1,191	3,804	6,619 16	34%
132	- Customer - Commodity	FIGIIL_3/0-3/9_C	20,158	18,820	1,191		10	0%
133		-	58,975	42,941	5,464	3,936	6,634	070
134	lotai		30,973	42,941	5,404	3,930	0,034	
135	375 - Structures and improvements		268,298				ļ	DIS376-379
136	- Demand	Plant_376-379_D	176,594	109,736	19,440	17,308	30,110	66%
137	- Customer	Plant_376-379_C	91,704	85,619	5,417	596	72	34%
138	- Commodity	. lanc_5/0 5/5_0	51,704	-	5,417	-	-	0%
139			268,298	195,355	24,856	17,904	30,182	0/0
140			200,230	155,555	27,030	17,304	50,102	
140								

	Α	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Depreciation and	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3	Amortization Expenses	Factor	Company	RS	SGS	LGS	LVS	Factor
4								
141	376 - Mains		9,932,183					DISMAIN
142	- Demand	D2_Demand	6,414,661	3,986,102	706,130	628,699	1,093,730	65%
143	- Customer	C1_customers	3,517,522	3,284,107	207,767	22,875	2,772	35%
144	- Commodity	-	-	-	-	-	-	0%
145			9,932,183	7,270,209	913,897	651,575	1,096,502	
146								
147	376.1 - Mains steel							
148			-					
149	1		-					
150	- Commodity							
151	Total		-	-	-	-	-	
152	4							
153	376.2 - Mains plastic							
154			-					
155	- Customer		-					
156	•		-					
157 158	Total		-	-	-	-	-	
159								
160								
161	- Demand - Customer		-					
162	- Customer - Commodity		-					
163								
164								
165			407,533				ĺ	DEM
166		D2_Demand	407,533	253,243	44,862	39,942	69,486	100%
167	- Customer	-	-	-	-	-	-	0%
168		-	-	-	-	-	-	0%
169	4		407,533	253,243	44,862	39,942	69,486	-/-
170			,		,-02	,	, .50	
171	379 - Measurement & equip: CG		155,661					DEM
172	- Demand	D2_Demand	155,661	96,729	17,135	15,256	26,541	100%
173	- Customer	_	-	-	, -	, -	-	0%
174	- Commodity	-	-	-	-	-	-	0%
175	Total		155,661	96,729	17,135	15,256	26,541	
176								

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Depreciation and	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3	Amortization Expenses	Factor	Company	RS	SGS	LGS	LVS	Factor
4								
177	380 - Services		10,709,335					CUS
178	- Demand	-	-	-	-	-	-	0%
179	- Customer	C6_services	10,709,335	9,814,096	696,821	170,838	27,580	100%
180	- Commodity	-	-	-	-	-	-	0%
181	Total		10,709,335	9,814,096	696,821	170,838	27,580	
182							-	
183	381 - Meters		1,151,141					CUS
184	- Demand	-	-	-	-	-	-	0%
185	- Customer	C3_meters	1,151,141	783,243	211,983	99,165	56,750	100%
186	- Commodity	-	-	-	-	-	-	0%
187	Total		1,151,141	783,243	211,983	99,165	56,750	
188							Г	
189	382 - Meter installation		2,711,666					CUS
190		-	-	-	-	-	-	0%
191	- Customer	C4_Metincus	2,711,666	1,997,683	380,620	257,520	75,844	100%
192	- Commodity	-	-	-	-	-	-	0%
193	Total		2,711,666	1,997,683	380,620	257,520	75,844	
194 195			200.052				ľ	CLUC
195			388,853				-	CUS
196	- Demand - Customer	- CF Dames		-	-	-	-	0%
197		C5_Regcus	388,853	272,774	34,079	44,150	37,850	100%
190	- Commodity	-	388,853	272,774	- 24.070	44,150	- 37,850	0%
200	Total		300,033	2/2,//4	34,079	44,150	37,830	
200	384 - House regulators Installations		_					
202	- Demand							
203	- Customer		-					
204	- Commodity							
205	Total							
206	1000							
207	385 - Industrial Meas & Reg stations		33,449					CUS
208	- Demand	_	-	_	-	-	_	0%
209	- Customer	C10 Lvcus	33,449	-	-	-	33,449	100%
210	- Commodity	-	-	-	-	-	-	0%
211	Total		33,449	_	_		33,449	
212			•				,	

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Depreciation and	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3	Amortization Expenses	Factor	Company	RS	SGS	LGS	LVS	Factor
4								
213	386 - Other property on customer premises							
214	- Demand		-					
215	- Customer		-					
216	- Commodity		-					
217	Total		-	-	-	-	-	
218	207. Other distribution course							
219	387 - Other distribution equip.		<u> </u>					
220	- Demand		-					
221 222	- Customer		-					
223	- Commodity		-			_		
224	Total		-	-	-	-	-	
225	Total Distribution Plant							
226	- Demand		7,193,266	4,469,931	791,840	705,010	1,226,486	
227	- Customer		18,623,828	16,256,341	1,537,877	595,276	234,333	
228	- Commodity		10,023,828	10,230,341	1,337,877	-	234,333	
229	Total	•	25,817,094	20,726,272	2,329,717	1,300,286	1,460,819	
230	Total		23,017,034	20,720,272	2,323,717	1,300,200	1,400,015	
231	General Plant Expense							
232	389 - Land & land rights		-					DISPLT
233	- Demand	Plant Dist_D	_					34%
234	- Customer	Plant Dist_C	-					66%
235	- Commodity	-	-					0%
236	Total		-	-	-	-	-	
237								
238	390.1 - Structures & improvements		18,709					DISPLT
239	- Demand	Plant Dist_D	6,385	3,968	703	626	1,089	34%
240	- Customer	Plant Dist_C	12,324	10,846	982	359	137	66%
241	- Commodity	-	-	-	-	-	-	0%
242	Total		18,709	14,814	1,685	985	1,226	
243								
244	390.2 - General Improvements							
245	- Demand		-					
246	- Customer		-					
247	- Commodity		-					
248	Total		-	-	-	-	-	
249								

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Depreciation and	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3	Amortization Expenses	Factor	Company	RS	SGS	LGS	LVS	Factor
4								
250	391 - Office Furniture and Equipment		450,550					DISPLT
251	- Demand	Plant Dist_D	153,772	95,555	16,927	15,071	26,219	34%
252	- Customer	Plant Dist_C	296,778	261,200	23,639	8,642	3,296	66%
253	- Commodity	-	-	-	-	-	-	0%
254	Total		450,550	356,755	40,567	23,713	29,515	
255							ī	
256	391.3 - Data Processing Software		296,509					DISPLT
257	- Demand	Plant Dist_D	101,198	62,885	11,140	9,918	17,255	34%
258	- Customer	Plant Dist_C	195,311	171,897	15,557	5,688	2,169	66%
259	- Commodity	-	-	-	-	-	-	0%
260	Total		296,509	234,782	26,697	15,606	19,424	
261 262	392.1 - Transp. Equip. Cars & Small Trucks		750,324				Ī	DISPLT
263	- Demand	Plant Dist D	256,085	159,132	28,190	25,099	43,664	34%
264	- Customer	Plant Dist_D	494,239	434,990	39,368	14,392	5,489	66%
265	- Commodity	Flatit Dist_C	-	434,990	-	14,332	5,469	0%
266	•		750,324	594,122	67,558	39,491	49,152	070
267	1000		730,324	334,122	07,550	33,431	+3,132	
268	392.2 - Transp. Equip. Heavy Trucks		1,232,714				İ	DISPLT
269	- Demand	Plant Dist_D	420,724	261,440	46,314	41,235	71,735	34%
270	- Customer	Plant Dist_C	811,990	714,649	64,678	23,645	9,018	66%
271	- Commodity	-	-	-	-	-	-	0%
272	Total		1,232,714	976,089	110,992	64,881	80,753	
273							_	
274	393 - Stores Equipment		23,722					DISPLT
275	- Demand	Plant Dist_D	8,096	5,031	891	794	1,380	34%
276	- Customer	Plant Dist_C	15,626	13,753	1,245	455	174	66%
277	- Commodity	-	-	-	-	-	-	0%
278	Total		23,722	18,784	2,136	1,249	1,554	
279								
280	<u>394 - Tools</u>		470,572					DISPLT
281	- Demand	Plant Dist_D	160,606	99,801	17,680	15,741	27,384	34%
282	- Customer	Plant Dist_C	309,966	272,808	24,690	9,026	3,442	66%
283	- Commodity	-	-	-	-	-	-	0%
284	Total		470,572	372,609	42,370	24,767	30,826	
285								

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Depreciation and	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3	Amortization Expenses	Factor	Company	RS	SGS	LGS	LVS	Factor
4								
286	395 - Laboratory Equipment							
287	- Demand		-					
288	- Customer		-					
289	- Commodity							
290	Total		-	-	-	-	-	
291							_	
292	396 - Power operated equip		306,334					DISPLT
293	- Demand	Plant Dist_D	104,551	64,969	11,509	10,247	17,827	34%
294	- Customer	Plant Dist_C	201,783	177,593	16,073	5,876	2,241	66%
295	- Commodity	-	-	-	-	-	-	0%
296	Total		306,334	242,562	27,582	16,123	20,067	
297								
298	397.1 - Communications equip - AMR		2,148,453					CUS
299	- Demand	-	-	-	-	-	-	0%
300	- Customer	C8_Nonlvcus	2,148,453	2,007,469	127,001	13,983	-	100%
301	- Commodity	-	-	-	-	-	-	0%
302	Total		2,148,453	2,007,469	127,001	13,983	-	
303							,	
304	397.0 - Communications equip		413,924					DISPLT
305	- Demand	Plant Dist_D	141,272	87,787	15,551	13,846	24,088	34%
306	- Customer	Plant Dist_C	272,652	239,967	21,718	7,940	3,028	66%
307	- Commodity	-	-	-	-	-	-	0%
308			413,924	327,754	37,269	21,786	27,115	
309							•	
310	-		34,830					DISPLT
311	- Demand	Plant Dist_D	11,887	7,387	1,309	1,165	2,027	34%
312	- Customer	Plant Dist_C	22,943	20,192	1,827	668	255	66%
313	- Commodity	-	-	-	-	-	-	0%
314	Total		34,830	27,579	3,136	1,833	2,282	
315								

	A	В	С	D	Е	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Depreciation and	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3	Amortization Expenses	Factor	Company	RS	SGS	LGS	LVS	Factor
4								
316	Corporate							
317	- Demand		-					
318	- Customer		-					
319	- Commodity		-					
320	Total		-	-	-	-	-	
321								
322	Total General Plant							
323	- Demand		1,364,577	847,955	150,214	133,742	232,667	
324	- Customer		4,782,064	4,325,363	336,778	90,675	29,248	
325	- Commodity		-	-	-	-	-	
326	Total		6,146,641	5,173,318	486,992	224,417	261,915	
327								
328	Amortization							
329	303 - Misc. Intangible Plant		77,393					NINTPLT
330	- Demand	D2_Demand	25,588	15,900	2,817	2,508	4,363	33%
331	- Customer	C1_customers	51,805	48,368	3,060	337	41	67%
332	- Commodity	-	-	-	-	-	-	0%
333	Total		77,393	64,268	5,877	2,845	4,404	
334								
335	375 - Structures and improvements		4,168					DIS376-379
336	- Demand	Plant_376-379_D	2,743	1,705	302	269	468	66%
337	- Customer	Plant_376-379_C	1,425	1,330	84	9	1	34%
338	- Commodity	-	-	-	-	-	-	0%
339	Total		4,168	3,035	386	278	469	
340							,	
341	391.5 - Enterprise Software-EIMS		4,745,141					DISPLT
342	- Demand	Plant Dist_D	3,064,631	1,904,376	337,357	300,364	522,534	65%
343	- Customer	Plant Dist_C	1,680,510	1,479,051	133,859	48,937	18,663	35%
344	- Commodity	-	-	-	-	-	-	0%
345	Total		4,745,141	3,383,428	471,215	349,301	541,197	
346							ī	
347	Autonomy eTalk-Contact Ctr		16,457					NINTPLT
348	- Demand	D2_Demand	5,441	3,381	599	533	928	33%
349	- Customer	C1_customers	11,016	10,285	651	72	9	67%
350	- Commodity		-	-	-	-	-	0%
351	Total		16,457	13,666	1,250	605	936	
352								

	A	В	С	D	Е	F	G	Н
1	Missouri Gas Energy		Ç		Small	Large	Large	
2	Allocation of Depreciation and	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3	Amortization Expenses	Factor	Company	RS	SGS	LGS	LVS	Factor
4								
353	Mainframe Software Dev		264,438					NINTPLT
354	- Demand	D2_Demand	87,429	54,329	9,624	8,569	14,907	33%
355	- Customer	C1_customers	177,009	165,263	10,455	1,151	140	67%
356	- Commodity		-	-	-	-	-	0%
357	Total		264,438	219,592	20,079	9,720	15,046	
358								
359	TOA Work Force Automation		167,562					NINTPLT
360	- Demand	D2_Demand	55,400	34,426	6,098	5,430	9,446	33%
361	- Customer	C1_customers	112,163	104,720	6,625	729	88	67%
362	- Commodity		-	-	-	-	-	0%
363	Total		167,562	139,145	12,723	6,159	9,534	
364	TODO CIC Managina		4.44.022				Г	
365	TOPO GIS Mapping		144,033	20.504	5.242	4.667	0.440	NINTPLT
366	- Demand	D2_Demand	47,620	29,591	5,242	4,667	8,119	33%
367	- Customer	C1_customers	96,413	90,015	5,695	627	76	67%
368	- Commodity		-	- 110.505	-		- 0.105	0%
369 370	Total		144,033	119,606	10,937	5,294	8,195	
370	Red Tag Program						1	TOTRLT
371	- Demand	Plant_TT_D	ı ————					TOTPLT 33%
373	- Customer	Plant_TT_C	_	-	-	-	-	53 <i>%</i> 67%
374	- Commodity	Flaint_11_C	_	_			-	0%
375	Total							070
376	Total							
377	Low Income Energy Affordability		-				[TOTPLT
378	- Demand	Plant_TT_D	-	-	-	-	-	33%
379	- Customer	Plant_TT_C	-	-	-	-	-	67%
380	- Commodity		-	-	_	_	-	0%
381	Total		-	-	-	-	-	
382								
383	Energy Efficiency Program							TOTPLT
384	- Demand	Plant_TT_D	-	-	-	-	-	33%
385	- Customer	Plant_TT_C	-	-	-	-	-	67%
386	- Commodity	-	-					0%
387	Total		-	-	-	-	-	
388								

	А	В	С	D	E	F	G	Н
1	Missouri Gas Energy				Small	Large	Large	
2	Allocation of Depreciation and	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3	Amortization Expenses	Factor	Company	RS	SGS	LGS	LVS	Factor
4							_	
389	Less: Test Year Amortization							TOTPLT
390	- Demand	Plant_TT_D	-	-	-	-	-	33%
391	- Customer	Plant_TT_C	-	-	-	-	-	67%
392	- Commodity	-	-	-	-	-	-	0%
393	Total		-	-	-	-	-	
394								
395	Total Amortization		5,419,192					
396	- Demand		3,288,851	2,043,708	362,039	322,339	560,765	
397	- Customer		2,130,341	1,899,032	160,429	51,863	19,018	
398	- Commodity		-	-	-	-		
399			5,419,192	3,942,740	522,468	374,202	579,782	
400							-	
401	Less Depreciation Charged to Clearing		(729,421)					NINTPLT
402	- Demand	Plant Nonint_D	(241,162)	(149,859)	(26,547)	(23,636)	(41,119)	33%
403	- Customer	Plant Nonint_C	(488,259)	(430,965)	(38,423)	(13,702)	(5,169)	67%
404	- Commodity		-	-	-	-	-	0%
405			(729,421)	(580,824)	(64,970)	(37,338)	(46,288)	
406								
407	Total Depreciation and Amortization							
408	- Demand		11,605,532	7,211,734	1,277,545	1,137,455	1,978,798	
409	- Customer		25,047,974	22,049,771	1,996,661	724,111	277,430	
410	- Commodity		-	-	-	-	-	
411	Total		36,653,506	29,261,506	3,274,206	1,861,566	2,256,228	

	А	В	С	D	Е	F	G
1	Missouri Gas Energy				Small	Large	Large
2	Allocation of Income Taxes	Allocation	Total	Residential	General Srv	General Srv	Volume Srv
3		Factor	Company	RS	SGS	LGS	LVS
4							
5	Income Tax Calculation						
6 7	Operating Revenues	•	199,714,711	156,916,485	15,096,494	13,248,104	14,453,629
8	Operating Expenses						
9	O&M Expenses		106,327,800	86,584,109	9,563,029	4,454,874	5,725,789
10	Depreciation & Amortization		36,653,506	29,261,506	3,274,206	1,861,566	2,256,228
11	Taxes Other than Income		23,312,602	18,618,044	2,079,094	1,165,877	1,449,587
12	Interest on Customer Deposits	C14_Intcus	226,207	172,506	47,801	5,263	638
13	Total Expenses excl. Income Taxes		166,520,116	134,636,164	14,964,129	7,487,580	9,432,242
14	Total Imperiors chair moonie Takes		100,010,110	10 1,000,10 1	1 1,50 1,115	7,107,000	3, 102,2 12
15	Net Income before Taxes & Interest		33,194,596	22,280,320	132,364	5,760,523	5,021,387
16							
17	Less:						
18	Flow-Through Adjustments	Rate Base_Total	10,883,774	8,489,235	999,555	620,552	774,432
19	Interest Expense	Rate Base_Total	14,106,850	11,003,202	1,295,559	804,319	1,003,770
20							
21	Net Income before Taxes		8,203,971	2,787,884	(2,162,750)	4,335,653	3,243,185
22							
23	State Taxable Income		8,203,971	2,787,884	(2,162,750)	4,335,653	3,243,185
24	Kansas City Income Tax	0.16%	13,512	4,592	(3,562)	7,141	5,342
25							
26	State Taxable Income		8,203,971	2,787,884	(2,162,750)	4,335,653	3,243,185
27	Missouri State Income Tax	5.19%	425,868	144,719	(112,268)	225,064	168,354
28							
29	Federal Taxable Income		8,203,971	2,787,884	(2,162,750)	4,335,653	3,243,185
30	Federal Income Tax	33.03%	2,710,018	920,922	(714,421)	1,432,196	1,071,321
31							
32	Total Income Tax		3,149,398	1,070,232	(830,252)	1,664,401	1,245,017
33							
34	Kansas City Income Tax		13,512	4,592	(3,562)	7,141	5,342
35	Missouri State Income Tax		425,868	144,719	(112,268)	225,064	168,354
36	Federal Income Tax		2,710,018	920,922	(714,421)	1,432,196	1,071,321
37	Total Income Tax		3,149,398	1,070,232	(830,252)	1,664,401	1,245,017
38							
39	Actual Income Taxes		3,149,398	1,070,232	(830,252)	1,664,401	1,245,017

TAB NAME: Alloc Income Tax

	А	В	С	D	E	F	G
1	Missouri Gas Energy	5	C	J	Small	Large	Large
2	Summary of Allocators		Total	Residential	General Srv	General Srv	Volume Srv
3		Description	Company	RS	SGS	LGS	LVS
4		Bescription	Company	113	363	200	270
5	External Allocators						
6	External Allocators						
7	C1 customers		100.00%	93.36%	5.91%	0.65%	0.08%
8	C2_depcus		100.00%	66.98%	29.39%	3.24%	0.39%
9	C3 meters		100.00%	68.04%	18.42%	8.61%	4.93%
10	C4 Metincus		100.00%	73.67%	14.04%	9.50%	2.80%
11	C5 Regcus		100.00%	70.15%	8.76%	11.35%	9.73%
12	C6 services		100.00%	91.64%	6.51%	1.60%	0.26%
13	C7_Metregcus		100.00%	68.49%	16.36%	9.20%	5.95%
14	C8 Nonlycus		100.00%	93.44%	5.91%	0.65%	0.00%
15	C9 Residcus		100.00%	100.00%	0.00%	0.00%	0.00%
16	C10 Lvcus		100.00%	0.00%	0.00%	0.00%	100.00%
17	C11_903cus		100.00%	92.23%	6.92%	0.78%	0.07%
18	C12 904cus		100.00%	86.28%	12.23%	1.48%	0.00%
19	C13 912cus		100.00%	54.69%	40.79%	4.49%	0.03%
20	C14_Intcus		100.00%	76.26%	21.13%	2.33%	0.28%
21	D1_sales		100.00%	47.96%	7.37%	9.74%	34.94%
22	D2 Demand		100.00%	62.14%	11.01%	9.80%	17.05%
23	D3 totalrevenues		100.00%	78.57%	7.56%	6.63%	7.24%
24	Plant GasInvDem		100.00%	69.37%	11.02%	10.86%	8.75%
25						20.0071	0071
26	Internal Allocators						
27							
28	Plant_Total_D		100.00%	62.14%	11.01%	9.80%	17.05%
29	Plant_Total_C		100.00%	88.27%	7.87%	2.81%	1.06%
30							
31	Plant_376-379_D		100.00%	62.14%	11.01%	9.80%	17.05%
32	Plant_376-379_C		100.00%	93.36%	5.91%	0.65%	0.08%
33							
34	Plant Gen D		100.00%	62.14%	11.01%	9.80%	17.05%
35	Plant_Gen_C		100.00%	89.87%	7.26%	2.14%	0.73%
36							
37	Plant_TT_D		100.00%	62.14%	11.01%	9.80%	17.05%
38	Plant_TT_C		100.00%	88.27%	7.87%	2.81%	1.06%
39							
40	Plant Dist_D		100.00%	62.14%	11.01%	9.80%	17.05%
41	Plant Dist_C		100.00%	88.01%	7.97%	2.91%	1.11%
42	_						
43	Plant Nonint_D		100.00%	62.14%	11.01%	9.80%	17.05%
44	Plant Nonint_C		100.00%	88.27%	7.87%	2.81%	1.06%
45	⁻						

	А	В	С	D	E	F	G
1	Missouri Gas Energy				Small	Large	Large
2	Summary of Allocators		Total	Residential	General Srv	General Srv	Volume Srv
3		Description	Company	RS	SGS	LGS	LVS
4		-					
46	Plant_MainsSrv_D	•	100.00%	77.65%	8.64%	5.49%	8.22%
47	Plant_MainsSrv_C		100.00%	93.36%	5.91%	0.65%	0.08%
48							
49	Rate Base_Total		100.00%	78.00%	9.18%	5.70%	7.12%
50							
51	OPEXPDEM		100.00%	64.21%	10.69%	9.23%	15.87%
52	OPEXPCUS		100.00%	88.01%	8.36%	2.28%	1.34%
53	OPEXPCOM		100.00%	47.96%	7.37%	9.74%	34.94%
54							
55	. – –		100.00%	73.55%	9.27%		10.56%
56			100.00%	81.30%	10.96%		2.62%
57	EXP_871-880_E		100.00%	47.96%	7.37%	9.74%	34.94%
58							
59	EXP_871-879_D		100.00%	73.55%	9.27%	6.63%	10.56%
60	EXP_871-879_C		100.00%	81.30%	10.96%		2.62%
61	EXP_871-879_E		100.00%	47.96%	7.37%	9.74%	34.94%
62							
63	EXP_887-893_D		100.00%	62.14%	11.01%		17.05%
64	EXP_887-893_C		100.00%	89.32%	6.72%		2.48%
65	EXP_887-893_E		100.00%	47.96%	7.37%	9.74%	34.94%
66							
67	EXP_902-904_C		100.00%	90.85%	8.16%	0.95%	0.05%
68							
69	EXP_912-913_C		100.00%	54.69%	40.79%	4.49%	0.03%
70							
71	EXP_Non-A&G_D		100.00%	63.63%	10.78%		16.20%
72	EXP_Non-A&G_C		100.00%	88.31%	8.29%		1.10%
73	EXP_Non-A&G_E		100.00%	47.96%	7.37%	9.74%	34.94%
74	EVD TT-4-L D		400.000/	62.620/	10 700/	0.222/	46.240/
75	EXP_TTotal_D		100.00%	63.62%	10.78%		16.21%
76	EXP_TTotal_C		100.00%	88.02%	8.27%		1.28%
77 78	EXP_TTotal_E		100.00%	47.96%	7.37%	9.74%	34.94%
70							

	А	В	С	D	Е	F	G
1	Missouri Gas Energy				Small	Large	Large
2	Summary of Allocators		Total	Residential	General Srv	General Srv	Volume Srv
3		Description	Company	RS	SGS	LGS	LVS
4		•					
79	Derivation External Allocators						
80	C1_customers_INPUT	•	501,755	468,460	29,637	3,263	395
81			100.00%	93.36%	5.91%	0.65%	0.08%
82							
83	C2_depcus_INPUT		\$ (7,109,547)				
84			100.00%	66.98%	29.39%	3.24%	0.39%
85	CO INDUT		\$ 45.515.182	\$ 30,968,779	\$ 8,381,641	ć 2,020,000	ć 2.242.0C4
86 87	C3_meters_INPUT		+ ::,:::;:::				
88			100.00%	68.04%	18.42%	8.61%	4.93%
89	C4_Metincus_INPUT		\$ 122,008,849	\$ 89,883,847	\$ 17,125,633	\$ 11,586,857	\$ 3,412,511
90	C4_Methicus_hvr 01		100.00%				2.80%
91			100.007	75.0770	14.0470	3.3070	2.00%
92	C5_Regcus_INPUT		\$ 12,294,722	\$ 8,624,556	\$ 1,077,502	\$ 1,395,937	\$ 1,196,727
93	_ 0 _		100.00%	70.15%	8.76%	11.35%	9.73%
94							
95	C6_services_INPUT		\$ 959,436,664	\$ 879,233,221	\$ 62,427,363	\$ 15,305,197	\$ 2,470,883
96			100.00%	91.64%	6.51%	1.60%	0.26%
97							
98	C7_Metregcus_INPUT		\$ 57,809,905	\$ 39,593,335	\$ 9,459,144	\$ 5,316,834	\$ 3,440,592
99			100.00%	68.49%	16.36%	9.20%	5.95%
100							
101	C8_Nonlvcus_INPUT		501,360	468,460	29,637	3,263	
102			100.00%	93.44%	5.91%	0.65%	0.00%
103			450.450	460.460			
104	C9_Residcus_INPUT		468,460	468,460			
105			100.00%	100.00%	0.00%	0.00%	0.00%
106 107	C10 Lyous INDLIT		395				395
107	C10_Lvcus_INPUT		100.00%	0.00%	0.00%	0.00%	100.00%
109			100.00%	0.00%	0.00%	0.00%	100.00%
110	C11 903cus INPUT		12,561,118	11,585,112	869,265	98,428	8,314
111	- C11_505005_INI 01		100.00%				0.07%
112			200.0070	32.23/0	3.3270	3.7670	2.0770
<u> </u>							

	A	В	С	D	E		F	G
1	Missouri Gas Energy	_			Small		Large	Large
2	Summary of Allocators		Total	Residential	General Srv		General Srv	Volume Srv
3		Description	Company	RS	SGS		LGS	LVS
4								
113	C12_904cus_INPUT	-	\$ 2,714,084	\$ 2,341,810	\$ 332,046	\$	40,228	\$ -
114			100.00%	86.28%	12.23%		1.48%	0.00%
115								
116			\$ 1,025,445	\$ 560,801	\$ 418,298	\$	46,055	\$ 290
117			100.00%	54.69%	40.79%		4.49%	0.03%
118								
119			\$ 296,626	\$ 226,207	\$ 62,681	\$	6,901	\$ 836
120			100.00%	76.26%	21.13%		2.33%	0.28%
121								
122	D1_sales_INPUT		 763,483,865	 366,148,361	 56,239,220	_	74,357,619	 266,738,665
123			100.00%	47.96%	7.37%		9.74%	34.94%
124			100.00%	62.140/	11.010/		0.000/	17.05%
125			100.00%	<u>62.14</u> %	11.01%		9.80%	17.05%
126 127			100.00%	62.14%	11.01%		9.80%	17.05%
128			198,143,308	155,681,828	14,977,711		13,143,865	14,339,904
			 100.00%	 78.57%	 7.56%	_	6.63%	 7.24%
129 130			100.00%	/6.5/%	7.30%		0.03%	7.24%
131	Plant GasInvDem		322,340,362	223,615,810	35,525,626		34,999,839	28,199,087
132			 100.00%	69.37%	 11.02%	_	10.86%	 8.75%

	A	В	С	D	E	F
1	Missouri Gas Energy					
2	Summary of Classifiers					
3	Classifier Description	Classifier Code	Total	- Demand	- Customer	- Commodity
4						
5	Classifiers					
6						
7	Customer Factor	CUS	100.00%	0.00%	100.00%	0.00%
8	Demand Factor	DEM	100.00%	100.00%	0.00%	0.00%
9	Commodity Factor	COM	100.00%	0.00%	0.00%	100.00%
10	Non-Intangible Plant Factor	NINTPLT	100.00%	33.06%	66.94%	0.00%
11	Accounts 376-379 Factor	DIS376-379	100.00%	65.82%	34.18%	0.00%
12	Distribution Mains Factor	DISMAIN	100.00%	64.58%	35.42%	0.00%
13	Distribution Plant Factor	DISPLT	100.00%	34.13%	65.87%	0.00%
14	General Plant Factor	GENPLT	100.00%	25.41%	74.59%	0.00%
15	Mains and Services Factor	MAINSVC	100.00%	37.63%	62.37%	0.00%
16	Total Plant in Service Factor	TOTPLT	100.00%	33.06%	66.94%	0.00%
17	Operating Expense (without TOTI) Factor	NONTOTOIPEXP	100.00%	28.33%	71.46%	0.21%
18	Accounts 871-879 Factor	EXP871-879	100.00%	27.88%	70.50%	1.62%
19	Accounts 887-893 Factor	DIS887-893	100.00%	58.31%	41.40%	0.29%
20	Non-A&G Op. Exp. (without TOTI) Factor	NONAGOPEXP	100.00%	28.91%	70.87%	0.21%
21	Mains Factor	PLT376MAINS	100.00%	64.58%	35.42%	0.00%
22	Accounts 871-880 Factor	EXP871-880	100.00%	27.88%	70.50%	1.62%
23						
24						
25	Derivations					
26		_				
	Customer Factor	CUS		0.00%	100.00%	0.00%
28						
	Demand Factor	DEM		100.00%	0.00%	0.00%
30						
	Commodity Factor	СОМ		0.00%	0.00%	100.00%
32						
	376 Distribution Mains		\$ 557,987,758 \$	360,374,185 \$	197,613,574	\$ -
34	Distribution Mains Factor	DISMAIN	100.00%	64.58%	35.42%	0.00%

FILE NAME: MGE COSS Model_10APR17

TAB NAME: Classifiers

LACLEDE GAS COMPANY

Mains Classifier

	Customer -F	Rela	ited Portion			
Zero-Intercept Analyses	of Distrib	uti	on Mains		R ²	
Composition Variables Included in Single Regression	37.94%			0.90		
Separate Regressions For Each Composition	41.84%			0.78	to	0.94
Minimum System Study						
Minimum-System with Original Cost	48.81%	to	56.83%			
Minimum-System with Adjusted Handy-Whitman Cost	52.72%	to	54.33%			
Note: The following provides Account 376, Mains detail and	d data included in t	the	study:			
Pipe Installed	674,435,602					
Encapsulation (Leak Clamps), Cathodic Protection, Valves, Rectifiers, Crossings, Misc to be allocated	8,968,646					
Completed Construction Not Classified - CCNC	23,144,901					
	706,549,149					

Workpapers

			Handy-Whitman	HW Adj. Cost	Ln (HW Adj. Cost				
Size	Type	Qty (Footage)	Adj. Cost	per Foot	/ Foot)	Size	Steel Dummy	Plastic Dummy	Size Squared
3	Cast Iron	23,936	1,993,546	83.29	4.42	3	0	0	
4	Cast Iron	1,025,326	111,759,550	109.00	4.69	4	0	0	1
6	Cast Iron	1,356,045	165,566,528	122.10	4.80	6	0	0	3
8	Cast Iron	41,735	7,969,694	190.96	5.25	8	0	0	6
10	Cast Iron	101,727	24,990,458	245.66	5.50	10	0	0	10
12	Cast Iron	508,887	123,508,746	242.70	5.49	12	0	0	14
16	Cast Iron	105,850	231,257,839	2,184.77	7.69	16	0	0	25
20	Cast Iron	38,550	20,300,730	526.61	6.27	20	0	0	40
24	Cast Iron	118,023	104,670,588	886.87	6.79	24	0	0	57
30	Cast Iron	31,636	63,957,427	2,021.67	7.61	30	0	0	90
2	Plastic	15,493,379	332,086,806	21.43	3.06	2	0	1	
3	Plastic	746,815	28,820,069	39	3.65	3	0	1	
4	Plastic	3,317,519	129,314,951	39	3.66	4	0	1	
6	Plastic	917,266	59,679,871	65	4.18	6	0	1	
8	Plastic	338,275	44,002,966	130	4.87	8	0	1	(
12	Plastic	63,706	11,818,501	186	5.22	12	0	1	14
1	Steel .	51,110	2,253,266	44	3.79	1	1	0	
2	Steel .	13,144,015	498,976,103	38	3.64	2	1	0	
3	Steel .	48,743	3,007,625	62	4.12	3	1	0	
4	Steel .	2,684,573	169,179,664	63	4.14	4	1	0	
5	Steel	16,549	1,593,191	96	4.57	5	1	0	2
6	Steel Steel	2,443,277	241,263,979	99	4.59	6	1	0	
8	Steel .	2,339,240	270,172,943	115	4.75	8	1	0	(
10	Steel Steel	120,526	25,956,860	215	5.37	10	1	0	10
12	Stee1	553,647	121,176,256	219	5.39	12	1	0	14
13	Steel	669	280,929	420	6.04	13	1	0	10
14	Steel .	119	28,405	239	5.48	14	1	0	19
16	Stee1	385,456	104,108,592	270	5.60	16	1	0	2:
18	Steel	5,088	1,205,690	237	5.47	18	1	0	32
20	Steel Steel	309,724	102,690,885	332	5.80	20	1	0	40
22	Stee1	23,199	22,219,569	958		22	1	0	48
24	Steel	97,926	71,712,272	732	6.60	24	1	0	57
26	Stee1	26,742	19,257,788	720		26	1	0	67
30	Stee1	77,137	32,561,120	422		30	1	0	90
and Total		46,556,415	3,149,343,406						

			REG	RESSION ANALY	SES			
Composition Varia	ables Zero-Intercept	t (2)						
SUMMARY OUT	PUT				Dependant Variabl			
Pearession	n Statistics				Independant Varia	bles= Size, Steel	Dummy, Plastic	Dummy, Size
Multiple R	0.948				Sq			
R Square	0.898							
Adjusted R Squa					RESULTS:			
Standard Error	0.392				All Variables and In	tercept Significar	nt with R-sq at 0.9	00
Observations	34							
4110174								
ANOVA	df	SS	МО	F	0::			
Di		39.316	MS 9.829	63.903	Significance F			
Regression Residual	4 29	4.461		63.903	0.000			
Total	33	4.461						
Total	33	43.116						
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	3.864	0.220	17.544	0.000	3.414	4.314	3.414	4.314
Size	0.220	0.031	7.096	0.000	0.157	0.284	0.157	0.284
Steel Dummy	(0.543)	0.155	(3.511)	0.001	(0.860)	(0.227)	(0.860)	(0.227
Plastic Dummy	(0.869)	0.213	(4.087)	0.000	(1.305)	(0.434)	(1.305)	(0.434
Size Squared	(0.004)	0.001	(3.701)	0.001	(0.006)	(0.002)	(0.006)	(0.002
	Zer	o-Intercept Analys	is Results Based on	Adj. HW Cost - Se	parate Regressions F	or Each Composition	on	
					Cost			
			Zero-Inch System		Per Foot	Footage	Total Cost	
			20.0 mon Cystem	Steel	27.68	22,327,740	618,052,488	
				Cast Iron	47.65	3,351,715	159,721,015	
				Plastic	19.98	20,876,960	417,019,221	
				Tota		20,010,000	1,194,792,724	
			As-Configured Sy	stem			3,149,343,406	
							5,140,040,400	
		Resulting Custo	omer Percentage (or Zero-Inch Syste	em Cost/As-Configui	red System Cost)	37.94%	

MISSOURI GAS ENERGY

Mains Classifier

		Customer -	Rela	ited Portion			
Zero-	Intercept Analyses	of Distri	buti	on Mains		\mathbb{R}^2	
	Composition Variables Included in Single Regression	35.42%	5		0.93		
	Composition Variables Included in Single Regression deparate Regressions For Each Composition am System Study Minimum-System with Original Cost Minimum-System with Adjusted Handy-Whitman Cost The following provides Account 376, Mains detail and definition of the Composition of the Structural pits, vaults, ground beds, recitifiers, encapsulation, anodes and cathodic protection,	30.49%	5		0.86	to	0.96
Minin	num System Study						
	Minimum-System with Original Cost	37.60%	to	46.45%			
	Minimum-System with Adjusted Handy-Whitman Cost	41.81%	to	48.82%			
Note:	The following provides Account 376, Mains detail and data	a included in th	ne st	udy:			
	Pipe Installed	475,313,244					
	Structural, pits, vaults, ground beds, recitifiers,	51,464,522					
	encapsulation, anodes and cathodic protection, clamps, valves, supports & hydrotesting						
	Completed Construction Not Classified - CCNC	31,209,992					
	TOTAL MGE Account 376 Mains @ 12-31-16	557,987,758					

Workpapers

			Handy-Whitman	HW Adj. Cost	Ln (HW Adj. Cost				
Size	Type	Qty (Footage)	Adj. Cost	per Foot	/Foot)	Size	Steel Dummy	Plastic Dummy	Size Squared
2	Cast Iron	(92)	(1,886)	20.50		2	0	0	
3	Cast Iron	1,858	20,783	11.19	2.41	3	0	0	
4	Cast Iron	489,861	8,717,935	17.80	2.88	4	0	0	
6	Cast Iron	662,708	26,503,037	39.99	3.69	6	0	0	
8	Cast Iron	158,246	9,412,931	59.48	4.09	8	0	0	
10	Cast Iron	49,803	4,328,287	86.91	4.46	10	0	0	10
12	Cast Iron	156,836	15,491,439	98.77	4.59	12	0	0	14
16	Cast Iron	55,386	6,787,525	122.55	4.81	16	0	0	2
20	Cast Iron	6,044	979,842	162.12	5.09	20	0	0	4
24	Cast Iron	9,955	1,256,768	126.24	4.84	24	0	0	51
30	Cast Iron	215	121,974	567.32	6.34	30	0	0	90
1	Plastic	393,165	5,569,378	14.17	2.65	1	0	1	
2	Plastic	11,967,507	146,505,591	12.24	2.50	2	0	1	
3	Plastic	557,321	10,088,299	18.10	2.90	3	0	1	
4	Plastic	6,020,442	161,634,579	26.85	3.29	4	0	1	
6	Plastic	940,752	51,864,761	55.13	4.01	6	0	1	
8	Plastic	88,354	7,670,142	86.81	4.46	8	0	1	(
10	Plastic	26,371	2,205,183	83.62	4.43	10	0	1	10
12	Plastic	15,745	3,089,781	196.24	5.28	12	0	1	14
16	Plastic	5,232	854,767	163.37	5.10	16	0	1	2:
20	Plastic	17,243	3,112,586	180.51	5.20	20	0	1	40
1	Steel Steel	420,115	5,873,063	13.98	2.64	1	1	0	
2	Stee1	9,352,469	183,007,459	19.57	2.97	2	1	0	
3	Steel Steel	2,452,886	64,420,623	26.26	3.27	3	1	0	
4	Steel Steel	5,664,707	198,596,640	35.06	3.56	4	1	0	
5	Stee1	38,637	758,771	19.64	2.98	5	1	0	
6	Steel Steel	2,721,059	148,703,728	54.65	4.00	6	1	0	
7	Stee1	1,228	75,131	61.18	4.11	7	1	0	
8	Steel Steel	1,505,206	112,789,227	74.93	4.32	8	1	0	(
10	Steel Steel	362,621	30,702,887	84.67	4.44	10	1	0	1
12	Steel Steel	934,669	108,543,198	116.13	4.75	12	1	0	1
16	Stee1	326,294	53,870,256	165.10	5.11	16	1	0	2:
18	Stee1	9,933	2,642,293	266.01	5.58	18	1	0	3:
20	Stee1	220,088	61,918,228	281.33	5.64	20	1	0	40
24	Stee1	131,608	62,947,044	478.29	6.17	24	1	0	5′
26	Stee1	28,433	7,487,126	263.33	5.57	26	1	0	6
30	Stee1	48,368	22,604,734	467.35	6.15	30	1	0	90
and Total		45,841,273	1,531,154,106						

				REGRESSION	ANALYSES							
Composition Varia	bles Zero-Intercept	t (2)										
SUMMARY OUTF	DLIT					_						
SOMMAKT COTT	01						endant Variable =					
Regression	Statistics					Independant Variables = Size, Steel Dummy, Plastic Dummy, Siz						
Multiple R	0.962					Sq						
R Square	0.926											
Adjusted R Squa					RESULTS:							
Standard Error	0.324											
Observations	37											
223114410110	37											
ANOVA												
	df	SS	MS	F	Significance	F						
Regression	4	41.942	10.485	99.665		000						
Residual	32	3.367	0.105									
Total	36	45.308										
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	5	Upper 95%	Lower 95.0%	Upper 95.0%			
Intercept	2.203	0.159	13.879	0.000	1.8	380	2.527	1.880	2.527			
Size	0.237	0.024	10.055	0.000	0.1	189	0.286	0.189	0.286			
Steel Dummy	0.300	0.127	2.364	0.024	0.0)42	0.559	0.042	0.559			
Plastic Dummy	0.245	0.144	1.697	0.099	(0.0	049)	0.539	(0.049)	0.539			
Size-Squared	(0.004)	0.001	(5.017)	0.000	(0.0	006)	(0.002)	(0.006)	(0.002)			
			Zero-Inter	cept Analysis Resul	ts Based on Adj	j. HV	V Cost -					
			Sep	arate Regressions F	or Each Compo	sitio	n					
					Cost							
			Zero-Inch System	ı	Per Foot		Footage	Total Cost				
			,	Steel		2.23	24,218,321	296,130,508				
				Cast Iron	9	9.05	1,590,820	14,403,261				
				Plastic	11	1.57	20,032,132	231,730,520				
				Total				542,264,289				
			As-Configured Sy	rstem				1,531,154,106				
		Resulting Custo	omer Percentage (or Zero-Inch Syster	m Cost/As-Cor	nfigu	red System Cost)	35.42%				

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LACLEDE GAS COMPANY

Demand Allocator

Design Day Methodology

Laclede Gas Company				Small	Large	Large		Vehicular	
Development of Demand Allocator		Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation
		Company	RS	SGS	LGS	LV	IN	VF	Transp.
R-Square			99.8%	98.2%	98.2%	87.8%		15.3%	86.6%
Heat use per DD (coefficient)			0.149	0.372	5.098	11.794			60.277
Heat use at Design Day DD	73		10.885	27.190	372.153	860.942			4,400.204
Base use at Design Day			0.458	1.471	36.566	278.679			2,885.103
Total use at Design Day			11.343	28.661	408.719	1,139.620		981.315	7,285.307
Design Day Customers		650,381	609,082	37,368	3,711	71		8	141
Design Day Use		10,612,385	6,908,621	1,071,016	1,516,756	80,913		7,851	1,027,228
Design Day Use (%)		100.00%	65.10%	10.09%	14.29%	0.76%		0.07%	9.68%

Workpapers

Laclede Gas Company												
12ME December 31, 2016												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Actual Sales (therms)												
	05 500 740	04.354.055	FO 445 005	25 024 240	16 260 127	12 100 045	0.000.000	7.005.064	0.206.754	10.054.076	24 002 140	CO FOR 002
RS	86,623,712	84,351,055	59,445,895	35,821,240	16,268,127	12,190,845	8,689,239	7,885,261	9,386,751	10,054,876	21,802,148	69,503,892
SGS	13,305,043	14,444,718	10,560,282	5,530,397	2,832,746	2,100,625	1,663,458	1,572,883	1,852,006	1,791,279	3,094,825	9,697,313
LGS	19,325,734	21,020,131	16,835,504	10,336,262	6,413,948	5,162,939	4,148,669	3,961,920	4,378,318	4,993,517	6,582,369	15,397,318
LV	975,003	1,224,984	1,139,141	872,402	726,307	650,389	589,421	554,472	645,128	615,595	685,803	1,380,926
IN	559,905	565,005	526,554	584,277	501,259	515,232	718,967	698,136	628,932	603,880	671,351	534,294
VF	243,366	239,610	232,822	260,361	258,073	260,765	285,567	257,758	296,873	297,118	275,598	285,287
Transp.	17,895,789	21,406,538	19,580,964	16,596,511	14,677,779	13,543,144	12,360,949	12,372,461	12,998,449	12,504,024	13,821,138	15,544,305
Total	138,928,552	143,252,041	108,321,162	70,001,450	41,678,239	34,423,939	28,456,270	27,302,891	30,186,457	30,860,289	46,933,232	112,343,335
Actual Customers												
	500.000	542.405	540.447	500 445	505 405	504.005	505.544	504705	500.074	507.004	544400	505.004
RS	609,082	612,486	612,447	608,445	605,486	601,825	596,641	594,726	609,874	597,381	614,133	605,094
SGS	37,368	37,744	37,817	36,882	36,876	36,544	36,298	36,067	37,587	36,209	38,133	36,959
LGS	3,711	3,720	3,705	4,280	3,670	3,664	3,653	3,643	3,657	3,631	3,623	3,687
LV	71	67	71	67	68	68	68	67	70	67	68	66
IN	20	20	20	20	20	20	23	22	21	21	21	21
VF	8	8	8	8	8	8	8	8	8	8	8	7
Transp.	141	142	143	142	141	142	141	141	141	143	141	142
	650,401	654,187	654,211	649,844	646,269	642,271	636,832	634,674	651,358	637,460	656,127	645,976
Use per customer												
RS	142	138	97	59	27	20	15	13	15	17	36	115
SGS	356	383	279	150	77	57	46	44	49	49	81	262
LGS	5,208	5,651	4,544	2,415	1,748	1,409	1,136	1,088	1,197	1,375	1,817	4,176
LV	13,732	18,283	16,044	13,021	10,681	9,565	8,668	8,276	9,216	9,188	10,085	20,923
IN	27,995	28,250	26,328	29,214	25,063	25,762	31,259	31,733	29,949	28,756	31,969	25,443
VF	30,421	29,951	29,103	32,545	32,259	32,596	35,696	32,220	37,109	37,140	34,450	40,755
Transp.	126,920	150,750	136,930	116,877	104,098	95,374	87,666	87,748	92,188	87,441	98,022	109,467
Base Use per customer												
RS	14											
SGS	45											
LGS	1,112											
LV	8,472											
IN	30,841											
VF	33,958											
Transp.	87,707											
mansp.	87,707											
Heat Use per customer	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RS	128	124	83	45	13	6	1	0	1	3	22	101
SGS	311	338	235	105	32	13	1	0	5	5	36	218
LGS	4,096	4,539	3,432	1,303	636	297	24	0	86	264	705	3,064
LV	5,261	9,812	7,572	4,549	2,209	1,093	196	0	744	716	1,614	12,451
IN	0	0	0	0	0	0	418	892	0	0	1,128	0
VF	0	0	0	0	0	0	1,738	0	3,151	3,182	492	6,797
Transp.	39,213	63,043	49,223	29,170	16,391	7,667	0	41	4,480	0	10,315	21,760
	55,215	00,040	15,225	23,270	10,031	7,007	<u> </u>	7.2	4,400	<u> </u>	10,013	22,700
Actual Billing Degree Days	856	788	564	323	107	37	-	-	-	31	179	703

RS								
SUMMARY OUTPUT								
Regression Statistics								
Multiple R	0.998957038							
R Square	0.997915164							
Adjusted R Square	-1.090909091							
Standard Error	3.127398559							
Observations	1							
ANOVA								
	df	SS	MS	F	Significance F			
Regression	12	51496.87648	4291.406373	5265.194568	#NUM!			
Residual	11	107.5868392	9.780621744					
Total	23	51604.46332						
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept							2.4596E+174	2.4596E+174
X Variable 1							0	0
X Variable 2							4.673E-307	4.673E-307
X Variable 3							5.7856E-307	5.7856E-307
X Variable 4							0	0
X Variable 5							-1.8611E-306	1.8611E-306
X Variable 6							-8.9971E-110	8.9971E-110
X Variable 7							-1.5524E-107	2.0565E-107
X Variable 8							1.3587E-232	1.3587E-232
X Variable 9							0	0
X Variable 10							0	0
X Variable 11	0	#N/A	0	1	-1.8366E-307	1.8366E-307	-1.8366E-307	1.8366E-307
X Variable 11	0.149110629	0.002054951	72.56166046	4.23317E-16	0.144587713	0.153633545	0.144587713	0.153633545
SGS								
SUMMARY OUTPUT								
Regression Statistics								
Multiple R	0.991011247							
R Square	0.982103291							
Adjusted R Square	-1.090909091							
Standard Error	23.07196264							
Observations	1							
ANOVA								
	df	SS	MS	F	Significance F			
Regression	12	321325.9201	26777.16001	603.6381512	#NUM!			
Residual	11	5855.470059	532.3154599					
Total	23	327181.3901						
-	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	coejjicients	Standard Ellol	t Stat	r-value	LOWEI 93%	оррег 33%	Lower 95.0% 0	<i>Upper 95.0%</i>
X Variable 1							0	-2.3375E-308
X Variable 1 X Variable 2							0	-2.55/5E-508 0
X Variable 3							-0.819800452	0.819800452
X Variable 5							-0.819800432	0.819800432
X Variable 5							0	0
X Variable 5 X Variable 6							-2817.261005	2817.261005
X Variable 7							-2817.261005	2817.261005
X Variable 8							-836.8610424	2116.861042
X Variable 9 X Variable 10							-1.0285E-306	1.0285E-306 -2.3305E-308
		461/6			-	-	0	
X Variable 11	0 272450777	#N/A	0	1 E 92041E 11	0 220102572	0 405936091	0 220102572	0 405935091
X Variable 12	0.372469777	0.015160122	24.56904864	5.82041E-11	0.339102573	0.405836981	0.339102573	0.405836981

LGS								
SUMMARY OUTPUT								
Regression Statistics								
Multiple R	0.990792428							
R Square	0.981669636							
Adjusted R Square	-1.090909091							
Standard Error	319.658726							
Observations	1							
ANOVA								
	df	SS	MS	F	Significance F			
Regression	12	60194954.4	5016246.2	589.0972038	#NUM!			
Residual	11	1123998.712	102181.7011					
Total	23	61318953.11						
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept							-5.3453E-308	1.4246E-307
X Variable 1							5.1853E-270	-1.3827E-269
X Variable 2							-1.5707E-306	1.7598E-306
X Variable 3							-5.345E-308	1.4246E-307
X Variable 4							-2.8859E+214	2.8859E+214
X Variable 5							-5.8467E+276	5.8467E+276
X Variable 6							1.3796E-306	1.3796E-306
X Variable 7							9.3461E-307	9.3461E-307
X Variable 8							2.50401E-81	2.50401E-81
X Variable 9							7.7397E+228	7.7397E+228
X Variable 10							5.1808E-270	-1.3815E-269
X Variable 11	0	#N/A	0	1	0	0	0	0
X Variable 12	5.097980899	0.210041312	24.27132472	6.64084E-11	4.635683088	5.560278711	4.635683088	5.560278711
IV								
SUMMARY OUTPUT								
SOWIWART GOTFOT								
Regression Statistics								
Multiple R	0.937177848							
R Square	0.878302319							
Adjusted R Square	-1.090909091							
Standard Error	2014.44544							
Observations	2014.44544							
Observations	-							
ANOVA								
	df	SS	MS	F	Significance F			
Regression	12	322155410.4	26846284.2	79.3879177	#NUM!			
Residual	11	44637894.74	4057990.431	, 3.30/31//	macivi:			
Total	23	366793305.1	-057950.431					
	23	555, 55555.1						
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	cocjjidena	- Landard Ellol	Cotat		20112. 3070	Oppc. 3576	7.4906E-101	7.4906E-101
X Variable 1							-4.3172E-270	-4.3172E-270
X Variable 2							-1.9591E-306	1.9591E-306
X Variable 3							-2.4488E-306	2.4488E-306
X Variable 4							0	0
X Variable 5							-1.0155E-306	2.7067E-306
X Variable 6							9.4566E-308	9.4566E-308
X Variable 7							1.3351E-306	1.3351E-306
X Variable 8							1.88358E-69	1.88358E-69
X Variable 9							1.2906E-306	1.2906E-306
X Variable 10							-7.957E-251	-7.957E-251
X Variable 11	0	#N/A	0	1	-3.9182E-306	3.9182E-306	-3.9182E-306	3.9182E-306
X Variable 12	11.79372166	1.323651537	8.90998977	2.31254E-06	8.880384265	14.70705905	8.880384265	14.70705905
	1250,2100	2.020031307	0.0000011	2.022572 00	0.000004200	2 57 05505	0.000004200	2/0/0330

VF								
SUMMARY OUTPUT								
Regression Statistics								
Multiple R	0.391289385							
R Square	0.153107382							
Adjusted R Square	-1.090909091							
Standard Error	2313.583693							
Observations	1							
ANOVA								
ANOVA	df	cc	146	F	Cinnificance F			
Regression	12	SS 10644638.05	MS 887053.171	1.988659686	Significance F #NUM!			
Residual	11	58879364.53	5352669.503	1.588035080	#NOIVI:			
Total	23	69524002.58	3332009.303					
Total	23	03324002.38						
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	СОСЈУКИТЕ	Standard Error	Color	, value	LOWER SOM	оррег ээлг	0	0
X Variable 1							0	0
X Variable 2	TRUE	TRUE	71402128614	5.1077E-115	1.7802E-306	1.7802E-306	1.7802E-306	1.7802E-306
X Variable 3							1.8692E-306	1.8692E-306
X Variable 4							-2.057E-306	2.057E-306
X Variable 5							-8.1966E-307	2.5108E-306
X Variable 6							0	0
X Variable 7							0	0
X Variable 8							6.379E-203	6.379E-203
X Variable 9							0	0
X Variable 10							-4.2414E-270	-4.2414E-270
X Variable 11	0	#N/A	0	1	0	0	0	0
X Variable 12	2.143796751	1.52020926	1.410198456	0.186126121	-1.20216127	5.489754772	-1.20216127	5.489754772
Transp.								
SUMMARY OUTPUT								
0 . 0 . 0								
Regression Statistics	0.930784171							
Multiple R								
R Square Adjusted R Square	0.866359174 -1.090909091							
Standard Error	10863.15705							
Observations	10803.13703							
	_							
ANOVA								
	df	SS	MS	F	Significance F			
Regression	12	8415184230	701265352.5	71.31017658	#NUM!			
Residual	11	1298089992	118008181.1					
Total	23	9713274222						
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept							65535	65535
X Variable 1							5.0847E-270	-1.3606E-269
X Variable 2							65535	65535
X Variable 3							-1.8165E-99	4.8173E-99
X Variable 4							1.5004E-99	1.5004E-99
X Variable 5							1.5004E-99	1.5004E-99
X Variable 6							-1.86316E-45	1.86316E-45
X Variable 7							2.2121E-62	2.2121E-62
X Variable 8							2.21223E-62	2.21223E-62
X Variable 9							65535	65535
X Variable 10							5.0802E-270	-1.3595E-269
X Variable 11	0	#N/A	0	2 2025 25	-1.8366E-307	1.8366E-307	-1.8366E-307	1.8366E-307
X Variable 12	60.27677015	7.137961764	8.444535309	3.892E-06	44.56622223	75.98731806	44.56622223	75.98731806

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MISSOURI GAS ENERGY

Demand Allocator

Design Day Methodology

Missouri Gas Energy				Small	Large	Large
Development of Demand Allocator		Total	Residential	General Srv	General Srv	Volume Srv
		Company	RS	SGS	LGS	LVS
R-Square			99.1%	97.7%	96.1%	82.1%
Heat use per DD (coefficient)			0.128	0.304	2.783	24.223
Heat use at Design Day DD	78		9.985	23.733	217.082	1,889.412
Base use at Design Day		_	0.420	0.346	22.777	1,580.717
Total use at Design Day			10.404	24.079	239.859	3,470.129
Design Day Customers	_	513,973	474,054	36,286	3,243	390
Design Day Use		7,937,318	4,932,288	873,745	777,935	1,353,350
Design Day Use (%)		100.00%	62.14%	11.01%	9.80%	17.05%

Laclede Gas Company; Missouri Gas Energy Case No. GR-2017-0215; GR-2017-0216 Schedule TSL-D8 Page 7 of 9

Workpapers

From MGE Test Period Data												
Actual Use												
Rate Class	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Actual Sales (therms) After Class Changes												
RS	71,604,238	63,841,452	39,393,730	25,294,385	12,205,127	8,606,340	6,110,091	5,570,736	6,676,076	7,346,461	14,287,731	50,336,262
SGS	11,831,904	11,020,856	6,578,928	3,742,658	1,867,413	1,396,002	1,112,749	1,034,069	(96,659)	977,231	(2,484,644)	6,991,056
LGS	10,814,179	13,375,427	7,317,089	5,437,259	3,400,958	2,761,575	2,215,650	2,214,447	2,395,088	2,646,026	3,555,595	8,482,014
LVS	26,420,382	32,640,790	25,759,790	23,169,838	21,065,419	18,922,980	18,438,813	19,069,347	20,423,106	18,058,584	20,190,672	22,578,943
Total	120,670,703	120,878,526	79,049,537	57,644,139	38,538,917	31,686,898	27,877,302	27,888,598	29,397,611	29,028,303	35,549,354	88,388,275
Actual Customers After Class Changes												
RS	474,054	473,363	473,111	470,648	466,676	463,555	459,418	455,535	474,466	461,938	475,622	473,129
SGS	36,286	36,449	36,846	35,872	35,200	34,281	33,364	33,346	9,706	27,172	9,797	27,323
LGS	3,243	3,407	3,358	3,334	3,298	3,245	3,201	3,197	2,931	3,050	3,602	3,290
LVS	390	389	405	390	399	396	398	383	399	401	396	400
	513,973	513,607	513,720	510,245	505,572	501,477	496,380	492,462	487,503	492,561	489,417	504,143
Use per customer												
RS	151	135	83	54	26	19	13	12	14	16	30	106
SGS	326	302	179	104	53	41	33	31	-10	36	-254	256
LGS	3,334	3,926	2,179	1,631	1,031	851	692	693	817	867	987	2,578
LVS	67,745	83,909	63,604	59,410	52,845	47,813	46,375	49,732	51,151	45,034	51,042	56,433
Base Use per customer												
RS	13											
SGS	11											
LGS	692											
LVS	48,054											
Heat Use per customer	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RS	138	122	71	41	13	6	1	0	1	3	17	94
SGS	316	292	168	94	43	30	23	20	0	25	0	245
LGS	2,642	3,234	1,486	938	339	159	0	0	125	175	295	1,885
LVS	19,691	35,856	15,551	11,356	4,791	0	0	1,678	3,097	0	2,988	8,379
Actual Billing Degree Days	1,048	871	584	380	176	49	-	-	2	85	203	773

RS								
SUMMARY OUTPUT								
Regression Statistics								
Multiple R	0.995429461							
R Square	0.990879813							
Adjusted R Square	-1.090909091							
Standard Error	6.436652699							
Observations	1							
ANOVA								
	df	SS	MS	F	Significance F			
Regression	12	49514.23383	4126.186152	1195.115585	#NUM!			
Residual	11	455.7354777	41.43049797					
Total	23	49969.9693						
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept							2.3365E-307	2.3365E-307
X Variable 1							-3.8006E-270	-3.8006E-270
X Variable 2							-2.2529E-306	2.2529E-306
X Variable 3							-8.8158E-307	8.8158E-307
X Variable 4							-1.0022E-307	2.6711E-307
X Variable 5							-2.4052E-307	6.4106E-307
X Variable 6							-7.2194E-307	3.3922E-306
X Variable 7							-2.2716E-307	6.0545E-307
X Variable 8							-1765.190098	1765.190098
X Variable 9							3.01666E-73	3.01666E-73
X Variable 10							8.367E-270	-8.367E-270
X Variable 11	0	#N/A	0	1	-4.8978E-307	4.8978E-307	-4.8978E-307	4.8978E-307
X Variable 12	0.128007709	0.003702808	34.57044381	1.42262E-12	0.119857884	0.136157534	0.119857884	0.136157534
SGS								
SUMMARY OUTPUT								
SUMMART OUTPUT								
Regression Statistics								
Multiple R	0.988556949							
R Square	0.977244842 -1.090909091							
Adjusted R Square								
Standard Error Observations	24.33511033							
Observations	1							
ANOVA								
ANOVA								
	df	SS	MS	F	Significance F			
Regression	12	279758.2142	23313.18452	472.4068737	#NUM!			
Residual	11	6514.17354	592.1975946					
Total	23	286272.3878						
	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept							1.01772E-85	1.01772E-85
X Variable 1							-3.1539E-241	-3.1539E-241
X Variable 2							24.33511033	24.33511033
X Variable 3							0.977244842	0.977244842
X Variable 4							-1.0022E-307	2.6711E-307
X Variable 5							-2.4052E-307	6.4106E-307
X Variable 6							0	0
X Variable 7							0	0
X Variable 8							6.65974E-71	6.65974E-71
X Variable 9							4.88269E-72	4.88269E-72
X Variable 10							4.7825E-270	-1.2737E-269
X Variable 11	0	#N/A	0	1	-2.2529E-306	2.2529E-306	-2.2529E-306	2.2529E-306
X Variable 12	0.30427237	0.013999239	21.7349229	2.18549E-10	0.273460254	0.335084486	0.273460254	0.335084486

Regression Statistics Multiple R 0.980304497	0 (0 270 -1.3105E-269 101 5.9883E-101 -72 5.272E-72
Regression Statistics	0 (0 270 -1.3105E-269 101 5.9883E-101 -72 5.272E-72
Multiple R 0.980304497 R Square 0.960996907 Adjusted R Square -1.090909091 Standard Error 293.866074 Observations 1 SS MS F Significance F ANOVA 12 23405316.89 1950443.074 271.0289132 #NUMI Residual 11 949929.9642 86357.26948 #NUMI Total 23 24355246.85 Upper 95% Lower 95.0 Intercept X Variable 1 4.92491 4.92491 X Variable 2 5.98381 5.272 X Variable 4 X Variable 5 X Variable 5 X Variable 6 -6.64588	0 (0 270 -1.3105E-269 101 5.9883E-101 -72 5.272E-72
Multiple R 0.980304497 R Square 0.960996907 Adjusted R Square -1.090930901 Standard Error 293.866074 Observations 1 SS MS F Significance F ANOVA df SS MS F Significance F Regression 12 23405316.89 1950443.074 271.0289132 #NUMI Residual 11 949929.9642 86357.26948 #NUMI Total 23 24355246.85 Upper 95% Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Intercept X Variable 1 4.92491 X Variable 2 5.98381 5.272 X Variable 4 5.272 X Variable 5 X Variable 6 -6.64588	0 (0 270 -1.3105E-269 101 5.9883E-101 -72 5.272E-72
Multiple R 0.980304497 R Square 0.960996907 Adjusted R Square -1.090930901 Standard Error 293.866074 Observations 1 SS MS F Significance F ANOVA df SS MS F Significance F Regression 12 23405316.89 1950443.074 271.0289132 #NUMI Residual 11 949929.9642 86357.26948 #NUMI Total 23 24355246.85 Upper 95% Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Intercept X Variable 1 4.92491 X Variable 2 5.98381 5.272 X Variable 4 5.272 X Variable 5 X Variable 6 -6.64588	0 (0 270 -1.3105E-269 101 5.9883E-101 -72 5.272E-72
Adjusted R Square -1.090909091 Standard Error 293.866074 Observations 1 ANOVA df SS MS F Significance F Regression 12 23405316.89 1950443.074 271.0289132 #NUM! Residual 11 949929.9642 86357.26948 Total 23 24355246.85 Coefficients Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 Intercept X Variable 1 X Variable 2 X Variable 3 X Variable 5 X Variable 5 X Variable 6 -6.64588	0 (0 270 -1.3105E-269 101 5.9883E-101 -72 5.272E-72
Standard Error 293.866074	0 (0 270 -1.3105E-269 101 5.9883E-101 -72 5.272E-72
ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOVA ANOV	0 (0 270 -1.3105E-269 101 5.9883E-101 -72 5.272E-72
ANOVA df SS MS F Significance F Regression 12 23405316.89 1950443.074 271.0289132 #NUMI Residual 11 949929.9642 86357.26948 Total 23 24355246.85 Coefficients Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 Intercept Intercept X Variable 1 4.92491 X Variable 2 5.9831 X Variable 3 5.272 X Variable 5 5.272 X Variable 5 5.473	0 (0 270 -1.3105E-269 101 5.9883E-101 -72 5.272E-72
df SS MS F Significance F	0 (0 270 -1.3105E-269 101 5.9883E-101 -72 5.272E-72
df SS MS F Significance F	0 (0 270 -1.3105E-269 101 5.9883E-101 -72 5.272E-72
Regression 12 23405316.89 1950443.074 271.0289132 #NUM! Residual 11 949929.9642 86357.26948	0 (0 270 -1.3105E-269 101 5.9883E-101 -72 5.272E-72
Residual 11 949929.9642 86357.26948	0 (0 270 -1.3105E-269 101 5.9883E-101 -72 5.272E-72
Total 23 24355246.85	0 (0 270 -1.3105E-269 101 5.9883E-101 -72 5.272E-72
Coefficients Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0	0 (0 270 -1.3105E-269 101 5.9883E-101 -72 5.272E-72
Intercept 4,9249t X Variable 1 4,9249t X Variable 2 5,9883t X Variable 3 5,272t X Variable 4 5,9883t X Variable 5 5,272t X Variable 5 6,6458t X Variable 6 -6,6458t	0 (0 270 -1.3105E-269 101 5.9883E-101 -72 5.272E-72
Intercept X Variable 1 4.9249t X Variable 2 5.9883t X Variable 3 5.272t X Variable 4 5.272t X Variable 5 5.272t X Variable 6 -6.6458t	0 (0 270 -1.3105E-269 101 5.9883E-101 -72 5.272E-72
X Variable 1 4.9249t X Variable 2 5.9883t X Variable 3 5.272 X Variable 4 X Variable 5 X Variable 6 -6.6458t	270 -1.3105E-269 101 5.9883E-101 -72 5.272E-72
X Variable 2 5.98838 X Variable 3 5.272 X Variable 4 X Variable 5 X Variable 6 5.262	101 5.9883E-101 -72 5.272E-72
X Variable 2 5.98838 X Variable 3 5.272 X Variable 4 X Variable 5 X Variable 6 5.262	101 5.9883E-101 -72 5.272E-72
X Variable 3 5.272 X Variable 4 5 5.272 X Variable 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	-72 5.272E-72
X Variable 4	
X Variable 5 X Variable 6 -6.64588	0 (
X Variable 6 -6.64589	0 0
	0 0
X Variable 8	0 0
X Variable 9 -5.14251	
X Variable 10 -4.08631	
X Variable 11 0 #N/A 0 1 -1.7632E-306 1.7632E-306 -1.7632E	
A Variable 12 2.783097087 0.16905209 16.46295578 4.26308E-09 2.411015945 3.155178228 2.41101	
LVS	
SUMMARY OUTPUT	
55	
Regression Statistics	
Multiple R 0.906296115	
Notifier 0.50053011 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 September 2017 S	
Standard Error 5920.638187 Observations 1	
Observations 1	
ANOVA	
ANOVA df SS MS F Significance F	
ANOVA df SS MS F Significance F Regression 12 1773054185 147754515.4 50.58071499 #NUMI	
ANOVA df SS MS F Significance F Regression 12 1773054185 147754515.4 50.58071499 #NUM! Residual 11 385593522 35053956.55	
ANOVA df SS MS F Significance F Regression 12 1773054185 147754515.4 50.58071499 #NUMI	
ANOVA df SS MS F Significance F Regression 12 1773054185 147754515.4 50.58071499 #NUM! Residual 11 385593522 35053956.55 Total 23 2158647707	
ANOVA df SS MS F Significance F Regression 12 1773054185 147754515.4 50.58071499 #NUM! Residual 11 385593522 35053956.55 Total 23 2158647707 Coefficients Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0	
ANOVA df SS MS F Significance F Regression 12 1773054185 147754515.4 50.58071499 #NUM! Residual 11 385593522 35053956.55 Total 23 2158647707 Coefficients Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0	0 0
ANOVA df SS MS F Significance F	0 0
ANOVA df SS MS F Significance F Regression 12 1773054185 147754515.4 50.58071499 #NUM! Residual 11 385593522 35053956.55 Total 23 2158647707 Coefficients Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0 Lower 95.0	0 0 0 0 306 1.0236E-306
ANOVA df SS MS F Significance F Regression 12 1773054185 147754515.4 50.58071499 #NUM! Residual 11 385593522 35053956.55 Total 23 2158647707 Coefficients Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 Intercept X Variable 1 X Variable 2 Y Variable 3 4.00544	0 (0 (306 1.0236E-306 307 4.0054E-307
ANOVA df SS MS F Significance F Regression 12 1773054185 147754515.4 50.58071499 #NUM! Residual 11 385593522 35053956.55 Total 23 2158647707 Coefficients Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 Intercept X Variable 1 X Variable 2 1.0236f X Variable 3 4.00544 X Variable 4 - 1.00228	0 (0 0 (0 306 1.0236E-306 307 4.0054E-307 307 2.6711E-307
ANOVA df SS MS F Significance F Regression 12 1773054185 147754515.4 50.58071499 #NUM! Residual 11 385593522 35053956.55 Total 23 2158647707 Coefficients Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 Intercept X Variable 1 X Variable 2 1.02361 X Variable 3 4.00541 X Variable 4 Y Variable 5 - 2.40521	0 (0 0 (1.0236E-306 306 1.0236E-306 307 4.0054E-307 307 2.6711E-307 307 6.4106E-307
ANOVA df SS MS F Significance F Regression 12 1773054185 147754515.4 50.58071499 #NUM! Residual 11 385593522 35053956.55 Total 23 2158647707 Coefficients Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 Intercept Variable 1 Variable 2 1.0366 X Variable 3 4.00544 X Variable 5 1.69126 X Variable 5 1.69126 X Variable 6 1.69126	0 (0 0 (0 306 1.0236E-306 307 4.0054E-307 307 2.6711E-307 307 6.4106E-307 306 1.6912E-306
ANOVA df SS MS F Significance F Regression 12 1773054185 147754515.4 50.58071499 #NUM! Residual 11 385593522 35053956.55 Total 23 2158647707 Coefficients Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 Intercept X Variable 1 1 1.02361 X Variable 2 1 1.02361 X Variable 3 4.00541 X Variable 5 1 1.00221 X Variable 6 1 1.69136 X Variable 6 1 1.69136 X Variable 7 9.11871	0 (0 0 (0 306 1.0236E-306 307 4.0054E-307 307 2.6711E-307 307 6.4106E-307 306 1.6912E-306
ANOVA df SS MS F Significance F Regression 12 1773054185 147754515.4 50.58071499 #NUM! Residual 11 385593522 35053956.55 Total 23 2158647707 Coefficients Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 Intercept X Variable 1 1 1.02361 X Variable 2 1 1.02361 X Variable 3 4.00541 X Variable 5 1 1.00221 X Variable 6 1 1.69136 X Variable 6 1 1.69136 X Variable 7 9.11871	0 (0 0 (0 306 1.0236E-30(3 307 4.0054E-30; 307 2.6711E-30; 307 6.4106E-30; 306 1.6912E-30(3 308 2.871E-30;
ANOVA df SS MS F Significance F Regression 12 1773054185 147754515.4 50.58071499 #NUM! Residual 11 385593522 35053956.55 Total 23 2158647707 Coefficients Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 Intercept X Variable 1	0 (0 0 (0 306 1.0236E-306 307 4.0054E-307 307 2.6711E-307 307 6.4106E-307 306 1.6912E-306 308 2.871E-307
ANOVA df SS MS F Significance F Regression 12 1773054185 147754515.4 50.58071499 #NUM! Residual 11 385593522 35053956.55 Total 23 2158647707 Coefficients Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 Intercept Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 X Variable 1 Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 X Variable 2 Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 X Variable 2 Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 X Variable 4 Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 X Variable 5 Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 X Variable 6 Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 X Variable 6 Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 X Variable 7 Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 X Variable 7 Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 X Variable 7 Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 X Variable 7 Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 X Variable 8 Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 X Variable 9 Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 X Variable 9 Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 X Variable 9 Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 X Variable 9 Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 X Variable 9 Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 X Variable 9 Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 X Variable 9 Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 X Variable 9 Standard Error t Stat P-value Lower 95% Upper 95% Upper 95% Upper 95% Upper 95% Upper 95% Upper 95% Upper 95% Upper 95% Upper 95% Upper 95% Upper 95% Upper 95% Upper 95% Upper 95% Upper 95% Upper 95% Upper 95% Upper 95% Upper 95% Upper 95% Upper 95% Upper 95% Upper 95% Upper 95% Upper 95% Upper 95% Upper 95% Uppe	0 (0 0 (1,0236E-300) 306 1.0236E-300 307 4.0054E-30; 307 2.6711E-30; 307 6.4106E-30; 308 2.871E-30; 101 1.9033E-100 307 2.3365E-30;
ANOVA df SS MS F Significance F Regression 12 1773054185 147754515.4 50.58071499 #NUMI Residual 11 385593522 35053956.55 Total 23 2158647707 Coefficients Standard Error t Stat P-value Lower 95% Upper 95% Lower 95.0 Intercept VAriable 1 VAriable 2 1.02361 X Variable 2 1.02361 X Variable 4 1.00241 X Variable 5 1.69126 X Variable 6 1.69126 X Variable 8 1.7.19261 X Variable 8 1.7.19261 X Variable 9 2.33651	0 (0 0 (1,0236E-306 306 1.0236E-306 307 4.0054E-307 307 2.6711E-307 306 6.4106E-307 308 2.871E-307 307 2.3365E-307 270 -3.8791E-277 3131 -4.4652E-133

LACLEDE GAS COMPANY

Derivation of Meters, Regulators, Meter Installation and Services Allocator

Laclede Gas Company	Cost per	Cost per	Cost per	Cost per			Small	Large	Large			
Development of Meter, Meter	Meter	Meter	Regulator	Service	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation
Installation and Service Allocator		Installation			Company	RS	SGS	LGS	LV	IN	VF	Transp.
Number of meters (Year end)												
indiniser of meters (real end)												
O0EMCO-R	\$ 64	\$ 189	\$ 19	\$ 4,748	2	2	- '	-	-	-	-	-
O-R	64	189	19	4,748	2	2	-	-	-	-	-	-
1.5M-A	989	1,295	19	4,487	38	1	33	4	-		-	-
1.5M-D	989	1,295	19	4,487	8	-	7	1	-	-	-	-
10000-R	1,967	12,531	2,691	22,138	6	-	2	4	-		-	-
1000-A	977	616	19	4,487	2,238	337	1,648	252	-	-	-	1
1000-R	977	616	19	4,487	177	14	116	47	-		-	-
10100-A	1,967	12,531	2,691	22,138	73	-	15	56	2	-	-	-
102M-D	24,323	70,538	3,510	10,790	22	-	-		-	1	-	21
10-R	64	189	19	4,748	3	3	-	-	-	-	-	-
10X30-V	24,323	70,538	3,510	10,790	1	-	-	-	-	-	-	1
11000-O	1,967	12,531	2,691	22,138	10	-	2	7	1	-	-	-
11C-A	977	616	19	4,487	70	6	56	8	-		-	-
11C-D	977	616	19	4,487	55	4	48	3	-		-	-
11M-A	1,967	12,531	2,691	22,138	4		1	3				-
11M-D	1,967	12,531	2,691	22,138	349	9	86	231	7	4	1	11
1200-A	977	616	19	4,487	225	17	167	41				-
1400-A	989	1,295	19	4,487	54	1	41	12				
1500-O	989	1,295	19	4,487	1	_	1	_	_	_	_	_
16000-O	2,710	13,849	2,925	22,138	4		1	2				1
1600-R	989	1,295	19	4,487	115	6	90	19	_	-	_	-
16M-A	2,710	13,849	2,925	22,138	4		1	3				
16M-D	2,710	13,849	2,925	22,138	189	_	12	131	20	_	1	25
175-A	64	189	19	4,748	32,191	31,242	948	1				
175-N	64	189	19	4,748	21,610	21,239	371		_	_	_	_
175-R	64	189	19	4,748	9,971	9,624	347		_		_	_
175-S	64	189	19	4,748	19,972	19,491	480	1	_	_	_	_
176-R	64	189	19	4,748	1	1	-					_
2.5IC-R	1,025	1,334	19	15,681	24		21	3	_	_		_
2000-O	995	1,295	19	15,681	50	4	41	5				_
200-R	64	189	19	4,748	13,152	12,651	499	2	_	_		_
20-R	64	189	19	4,748	1	-	1					_
225-A	64	189	19	4,748	63	58	5	_	_	_	_	_
225-R	64	189	19	4,748	76	74	2					
23000-O	6,608	35,613	3,276	22,138	1			1	_		_	
2300-A	995	1,295	19	15,681	19		10	9				
23M-D	6,608	35,613	3,276	22,138	107		4	57	13	6	1	26
240-S	6,608	189	19	4,748	30	28	2	-	15		1	-
	64	189	19	4,748	273,249	264,538	8,707	4		•		
250-A	64	189				264,538			1	-		
250IC-A			19	4,748	213	-	82 1	130	1	-		-
250-N	64	189	19	4,748	1		_		-	-	-	-
250-R	64	189	19	4,748	3,670	3,560	110	-	-	-		-
250-S	64	189	19	4,748	77,050	73,900	3,147	3	-	-		-
250T-A	64	189	19	4,748	1	1		-	-	-	-	-

Laclede Gas Company	Cost per	Cost per	Cost per	Cost per			Small	Large	Large			
Development of Meter, Meter	Meter	Meter	Regulator	Service	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation
Installation and Service Allocator		Installation			Company		SGS	LGS	LV	IN	VF	Transp.
Number of meters (Year end)												
275-R	64	189	19	4,748	169,818	163,102	6,709	7	-	-	-	-
2M-A	995	1,295	19	15,681	224	11	160	53	-	-	-	-
2M-D	995	1,295	19	15,681	280	18	200	62	-	-	-	-
3.5IC-R	1,025	1,334	19	15,681	1	-	-	1	-	-	-	-
3.5M-A	1,025	1,334	19	15,681	1	-	1	-	-	-	-	-
3000-O	1,025	1,334	19	15,681	49	3	30	16	-	-	-	-
3000-R	1,025	1,334	19	15,681	718	22	466	230	-	-	-	-
3100-A	1,025	1,334	19	15,681	184	2	129	53	-	-	-	-
340-U	147	269	19	4,748	1	1	-	-	-	-	-	-
35BIC-A	977	370	19	4,487	2	-	2	-	-	-	-	-
38000-O	7,046	37,898	3,276	22,138	2	-	-	-	-	-	-	2
38M-D	7,046	37,898	3,276	22,138	64	-	1	19	2	8	1	33
3IC-A	1,025	1,334	19	15,681	1	-	-	1	-	-	-	-
3IC-R	1,025	1,334	19	15,681	310	2	238	70	-	-	-	-
3M-A	1,025	1,334	19	15,681	376	8	192	176	-	-	-	-
3M-D	1,025	1,334	19	15,681	417	10	195	211	-	-	1	-
4.5IC-R	1,234	6,695	317	15,681	5	-	3	2	-	-	-	-
400-S	147	269	50	4,748	1,576	1,023	531	22	-	-	-	-
400T-S	147	269	50	4,748	1	-	1	-	-		-	-
415-R	147	269	50	4,748	528	371	154	3	-	-	-	-
425-A	147	269	50	4,748	23,385	16,367	6,894	124	-	-	-	
4GTS-A	6,608	35,613	3,276	22,138	1		· ·		-	1	-	
4IC-R	1,234	6,695	317	15,681	316	1	148	166	1		-	
4X12-V	7,046	37,898	3,276	22,138	10			8	2		_	
5.5M-A	1,234	6,695	317	15,681	7	-	2	5	-	-	-	
5000-O	1,234	6,695	317	15,681	16		6	10	-		-	
5000-R	1,234	6,695	317	15,681	692	9	348	332	3		_	
500IC-A	1,234	6,695	317	15,681	153	-	23	122	5	1	_	2
56000-O	10,537	59,329	3,510	10,790	2	_	-	1	_	1	_	_
56M-D	10,537	59,329	3,510	10,790	29	_	1	1		1	1	25
5A-S	977	616	19	4,487	358	17	302	39				
5B-A	64	189	19	4,748	47	37	7	3	-	_	-	_
5EMCO-R	1,967	12,531	2,691	22,138	70	-	13	54	3		_	_
5M-A	1,234	6,695	317	15,681	7		5	2			_	_
5M-D	1,234	6,695	317	15,681	588	2	158	424	2		2	_
5X15-V	6,608	35,613	2,925	22,138	10		1	9		_		_
60BIC-A	995	1,295	19	15,681	1		1		_		_	
6100-A	1,644	10,834	317	15,681	125		43	82	_		_	_
630-A	497	370	19	4,487	225	34	182	9	_	_	_	_
6X18-V	7,046	37,898	3,276	22,138	5	-	-	2	1	_	_	2
7000-O	1,644	10,834	317	15,681	22		8	13	1			
750-R	977	370	19	4,487	1,690	256	1,256	177			1	_
7M-A	1,644	10,834	317	15,681	2	-		2	_	_		_
7M-D	1,644	10,834	317	15,681	315		56	253	5			1
800-A	977	370	19	4,487	2,373	529	1,640	204				
800-A 800-D	977	370	19	4,487	2,575	2	1,640	204				
	977	370	19	4,487	141	2	109	30	•	•	-	
80BIC-A	977	370	19	4,487	141	- 2	109	-		•	-	
880SX-R	977	370	19		843	296	535	12		•		-
8C-D		59,329		4,487	843 7	296	535	2		•	-	- 4
8X24-V	10,537		3,510	10,790	2		-	2	1	-	-	2
T140-R	24,428 10,537	70,538	3,510 3,510	10,790 10,790						-	-	2
T60-R	10,537	59,329	3,510	10,790	2	-	-	-		-		2

<u>Laclede Gas Company</u>						Small		Large		Large						
Development of Meter, Meter		Total		Residential		General Srv		General Srv		Volume		Interruptible		Fuel		ansportation
Installation and Service Allocator		Company		RS		SGS		LGS		LV		IN		VF		Transp.
													H			
Meters													H			
Total Meters		661,118		618,938		37,865		4,054		70		23		9		159
Cost of Meters	\$	61,589,638	\$	42,732,889	\$	11,571,515	\$	5,419,540	\$	234,939	\$	157,122	5	\$ 33,338	\$	1,440,295
Allocation of Meters Costs		100.00%		69.38%		18.79%		8.80%		0.38%		0.26%		0.05%		2.349
Meter Installations													H			
Total Meter Installations		661,118		618,938		37,865		4,054		70		23		9		159
Cost of Meter Installations	\$	169,706,034	\$	119,267,441	\$	19,130,593	\$	22,661,656	\$	1,290,509	\$	798,490	Ş	174,314	\$	6,383,030
Allocation of Meter Installation Costs		100.00%		70.28%		11.27%		13.35%		0.76%		0.47%		0.10%		3.76%
Regulators																
Total Regulators		661,118		618,938		37,865		4,054		70		23	T	9		159
Cost of Regulators	\$	16,575,580	\$	12,086,074	\$	1,565,141	\$	2,169,827	\$	161,376	\$	70,751	5	\$ 16,350	\$	506,060
Allocation of Regulator Costs		100.00%		72.91%		9.44%		13.09%		0.97%		0.43%		0.10%		3.059
Services													H			
Number of Meters per Service				1.19		1.39		1.39		1.09		1.38		1.10		1.23
Total Services		549,091		518,624		27,323		2,925		64		17		8		129
Cost of Services	\$	2,656,341,330	\$	2,463,070,132	\$	149,899,429	\$	39,279,647	\$	1,289,202	\$	340,853	5	137,156	\$	2,324,911
Allocation of Services Costs		100.00%		92.72%		5.64%		1.48%		0.05%		0.01%		0.01%		0.099
Meter, Meter Installation and Regulator													H			
Meter, Meter Installations, and Regulator		661,118		618,938		37,865		4,054		70		23		9		159
Cost	\$	247,871,252	\$	174,086,405	\$	32,267,249	\$	30,251,024	\$	1,686,825	\$	1,026,363	Ş	224,002	\$	8,329,385
Allocation of Meter and Regulator Costs		100.00%		70.23%		13.02%		12.20%		0.68%		0.41%		0.09%		3.369
Account 385 Meter Installation Costs																
Account 385 Meters		3,201		-		940		2,004		69		23	İ	7		158
Account 385 Meter Installations Costs	\$	37,366,157	\$	-	\$	7,759,240	\$	20,963,083	\$	1,290,320	\$		Ş		\$	6,382,414
Allocation of Account 385		100.00%		0.00%		20.77%		56.10%		3.45%	_	2.14%	_	0.46%		17.089
Meter and Meter Installation (Less Acct. 385)													-			
Meter and Meter Installation Cost	\$	193,929,516	\$	162,000,330	\$	22,942,868	\$	7,118,114	\$	235,129	\$	157,122		35,042	\$	1,440,911
Allocation of Meter and Installation Costs	_	100.00%	÷	83.54%	<u> </u>	11.83%	-	3.67%	-	0.12%	<u> </u>	0.08%	1	0.02%	÷	0.74%

MISSOURI GAS ENERGY

Derivation of Meters, Regulators, Meter Installation and Services Allocator

Missouri Gas Energy	Cost per	Cost per	Cost per	Cost per			Small	Large	Large
Development of Meter, Meter	Meter	Meter	Regulator	Service	Total	Residential	General Srv	General Srv	Volume Srv
Installation and Service Allocator		Installation			Company	RS	SGS	LGS	LVS
Number of meters (Year end)									
1.5M-D	\$ 951	\$ 4,151	\$ 18	\$ 1,933	451	40	317	94	-
1000-A	939	626	18	1,933	645	103	419	122	1
1000A-S	939	626	18	1,933	95	17	59	19	-
1000-R	1,891	4,537	2,588	1,933	6	-	3	3	-
102M-D	23,388	20,858	3,375	5,257	1	-	-	-	1
11000-O	1,891	4,537	2,588	6,923	9	1	-	4	4
11M-D	1,891	4,537	2,588	6,923	469	1	53	280	135
1400-A	951	4,151	18	1,933	145	11	92	41	1
15C-D	951	4,151	18	1,933	171	10	129	31	1
16000-O	2,606	6,500	2,813	6,923	9	-	1	6	2
1600-R	951	4,151	18	1,933	12	1	7	3	1
16M-D	2,606	6,500	2,813	6,923	200	-	12	73	115
175-A	62	185	18	2,090	14,530	13,966	559	5	-
175-N	62	185	18	2,090	53,868	51,784	2,064	20	-
175-R	62	185	18	2,090	45,575	44,141	1,413	21	-
175-S	62	185	18	2,090	17,704	17,093	601	10	-
1A-S	986	4,151	18	7,348	1	1	-	-	-
2000-O	956	4,151	18	7,348	22	-	16	6	-
200-R	62	185	18	2,090	13,145	12,488	651	6	-
225-A	62	185	18	2,090	7,240	7,019	219	2	-
2300-A	956	4,151	18	7,348	70	3	35	30	2
23M-D	6,354	7,223	3,150	6,923	64	1	2	15	46
240-S	62	185	18	2,090	36	33	3	-	-
250-A	62	185	18	2,090	168,543	160,413	8,013	117	-
250-N	62	185	18	2,090	6,285	6,011	273	1	-
250-R	62	185	18	2,090	405	377	28	-	-
250-S	62	185	18	2,090	37,412	35,215	2,153	44	-
275-R	62	185	18	2,090	130,302	124,121	6,099	82	-
2M-A	956	4,151	18	7,348	1	-	-	1	-
2M-D	956	4,151	18	7,348	426	33	250	142	1
3.5M-A	986	4,151	18	7,348	1	-	1	-	-
3000-O	986	4,151	18	7,348	77	4	39	33	1
3000-R	986	4,151	18	7,348	64	3	42	18	1
310-R	141	272	18	2,090	281	261	20		-

Missouri Gas Energy	Cost per	Cost per	Cost per	Cost per			Small	Large	Large
Development of Meter, Meter	Meter	Meter	Regulator	Service	Total	Residential	General Srv	General Srv	Volume Srv
Installation and Service Allocator		Installation			Company	RS	SGS	LGS	LVS
Number of meters (Year end)									
315-R	141	272	18	2,090	382	340	42	-	-
38M-D	6,775	9,656	3,150	6,923	24	-	-	3	21
3M-A	986	4,151	18	7,348	2	-	1	1	-
3M-D	986	4,151	18	7,348	1,662	92	883	683	4
400-S	141	272	48	2,090	1,733	591	1,104	38	-
415-R	141	272	48	2,090	1,607	542	1,040	25	-
425-A	141	272	48	2,090	4,435	1,609	2,773	53	-
4A-S	141	272	48	2,090	2	1	1	-	-
4GTS-A	6,354	7,223	3,150	6,923	1	-	-	-	1
5000-A	1,187	4,495	305	7,348	24	1	3	16	4
5000-O	1,187	4,495	305	7,348	36	-	18	17	1
5000-R	1,187	4,495	305	7,348	35	2	14	18	1
56M-D	10,132	10,429	3,375	5,257	6	-	-	-	6
5A-S	939	626	18	1,933	146	25	95	25	1
5M-D	1,187	4,495	305	7,348	1,004	23	322	628	31
5X15-V	6,354	7,223	2,813	6,923	3	-	-	-	3
630-A	478	377	18	1,933	534	162	342	30	-
675-S	516	377	48	1,933	36	8	26	2	-
6GTS-A	6,775	9,656	3,150	6,923	2	-	-	-	2
7000-O	1,581	4,495	305	7,348	12	-	4	8	-
750-R	939	377	18	1,933	1,214	180	947	87	-
7M-D	1,581	4,495	305	7,348	497	2	91	365	39
800-A	939	377	18	1,933	2,982	637	2,135	209	1
800A-S	939	377	18	1,933	269	65	176	28	-
AAT-60-R	10,132	10,429	3,375	5,257	1	-	-	-	1
AAT-90-R	23,388	20,858	3,375	5,257	2	-	-	-	2
ATT-18-R	6,354	7,223	3,150	6,923	1	-	-	-	1
ORF-100X100-A	23,388	20,858	3,375	5,257	3	-	-	-	3
ORF-100X50-P	23,489	20,858	3,375	5,257	2	-	-	-	2
T140-R	23,489	20,858	3,375	5,257	7		-	-	7
T18-R	23,489	20,858	3,375	5,257	12	-	2	4	6
T230-R	46,978	20,858	3,375	5,257	2	-	-	-	2
T30-R	6,752	9,656	3,150	6,923	21	-	1	-	20
T60-R	10,132	10,429	3,150	5,257	28	-	-	-	28

Missouri Gas Energy				Small	Large	Large
Development of Meter, Meter		Total	Residential	General Srv	General Srv	Volume Srv
Installation and Service Allocator		Company	RS	SGS	LGS	LVS
Meters						
Total Meters		514,992	477,431	33,593	3,469	499
Cost per Meter (Current Customer Class)			64.87	249.51	1,130.27	4,496.72
Cost of Meters	\$	45,515,182	\$ 30,968,779	\$ 8,381,641	\$ 3,920,898	\$ 2,243,864
Allocation of Meter Costs		100.00%	68.04%	18.42%	8.61%	4.93%
Meter Installations						
Total Meter Installations		514,992	477,431	33,593	3,469	499
Cost per Meter Inst. (Current Customer C	lass)	188.27	509.80	3,340.11	6,838.70
Cost of Meter Installations	\$	122,008,849	\$ 89,883,847	\$ 17,125,633	\$ 11,586,857	\$ 3,412,511
Allocation of Meter Installation Costs		100.00%	73.67%	14.04%	9.50%	2.80%
Regulators						
Total Regulators		514,992	477,431	33,593	3,469	499
Cost per Regulator (Current Customer Cla	iss)	,	18.06	32.08	402.40	2,398.25
Cost of Regulators	\$	12,294,722	\$ 8,624,556	\$ 1,077,502	\$ 1,395,937	\$ 1,196,727
Allocation of Regulator Costs		100.00%	70.15%	8.76%	11.35%	9.73%
Services						
Number of Meters per Service			1.14	1.26	1.26	1.36
Total Services						
Cost per Services (Current Customer Class	s)					
Cost of Services	\$	959,436,664	\$ 879,233,221	\$ 62,427,363	\$ 15,305,197	\$ 2,470,883
Allocation of Services Costs		100.00%	91.64%	6.51%	1.60%	0.26%
Meter and Regulator						
Meter and Regulator		514,992	477,431	33,593	3,469	499
Cost of Meter and Regulator	\$	57,809,905	\$ 39,593,335	\$ 9,459,144	\$ 5,316,834	\$ 3,440,592
Allocation of Meter and Regulator Costs	_	100.00%	 68.49%	 16.36%	 9.20%	 5.95%

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LACLEDE GAS COMPANY

Revenue Targets

Proposed Revenue Targets

<u>Laclede Gas Company</u>			Small	Large	Large		Vehicular	
Target Revenues	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation
	Company	RS	SGS	LGS	LV	IN	VF	Transp.
Target Revenues								
Class Revenues at EROR	382,129,998	316,496,941	32,784,844	21,900,417	1,071,676	230,629	112,984	9,532,506
Current Class Revenues	324,072,654	257,599,794	25,696,089	24,484,344	1,772,234	929,531	172,904	13,417,758
Difference (\$)	58,057,344	58,897,147	7,088,755	(2,583,927)	(700,558)	(698,902)	(59,920)	(3,885,252)
Difference (%)	17.9%	22.9%	27.6%	-10.6%	-39.5%	-75.2%	-34.7%	-29.0%
Target Revenues	382,129,998	308,836,261	31,291,377	24,899,092	1,903,212	964,914	173,288	14,061,854
Current Revenues	324,072,654	257,599,794	25,696,089	24,484,344	1,772,234	929,531	172,904	13,417,758
\$ Difference	58,057,344	51,236,467	5,595,288	414,748	130,978	35,383	384	644,096
% Difference	17.9%	19.9%	21.8%	1.7%	7.4%	3.8%	0.2%	4.8%
Customers	646,634	605,635	37,040	3,720	68	21	8	142
Usage (therms)	901,742,754	488,185,483	77,590,502	132,304,153	10,059,571	7,107,794	3,193,198	183,302,053
Target Increase (\$/ Customer/ Mo.)		\$ 7.05	\$ 12.59	\$ 9.29	\$ 160.12	\$ 142.10	\$ 4.04	\$ 378.88
Target Increase (\$ per therm)		\$ 0.10	\$ 0.07	\$ 0.00	\$ 0.01	\$ 0.00	\$ 0.00	\$ 0.00

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MISSOURI GAS ENERGY

Revenue Targets

Proposed Revenue Targets

Missouri Gas Energy			Small	Large	Large
Target Revenues	Total	Residential	General Srv	General Srv	Volume Srv
	Company	RS	SGS	LGS	LVS
Target Revenues					
Class Revenues at EROR	248,544,377	198,607,571	22,522,534	12,148,685	15,265,587
Current Class Revenues	198,143,308	155,681,828	14,977,711	13,143,865	14,339,904
Difference (\$)	50,401,070	42,925,743	7,544,823	(995,179)	925,683
Difference (%)	25.4%	27.6%	50.4%	-7.6%	6.5%
Target Revenues	248,544,377	198,607,571	20,655,038	14,003,741	15,278,027
Current Revenues	198,143,308	155,681,828	14,977,711	13,143,865	14,339,904
\$ Difference	50,401,070	42,925,743	5,677,327	859,877	938,122
% Difference	25.4%	27.6%	37.9%	6.5%	6.5%
Customers	501,755	468,460	29,637	3,263	395
Usage (therms)	763,483,865	366,148,361	56,239,220	74,357,619	266,738,665
Target Increase (\$/ Customer/ Mo.)		\$ 7.64	\$ 15.96	\$ 21.96	\$ 197.69
Target Increase (\$ per therm)		\$ 0.12	\$ 0.10	\$ 0.01	\$ 0.00

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LACLEDE GAS COMPANY

Summary of Proposed Delivery Rates

Laclede Gas Company		Pre-Oct 2018	Post-Oct 2018	Small	Large	Large			
Summary of Rates		Residential	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation
		RS	RS	SGS	LGS	LV	IN	VF	Transp.
	_								
Proposed Rates									
Customer Charge (\$ per month)	\$	23.50	\$ 17.00	\$ 35.00	\$ 125.00	\$ 1,000.00	\$ 935.00	\$ 50.00	\$ 2,500.00
Block Break									36,000
Single Volumetric Charge (\$ per therm)	\$	0.28286	\$ 0.37962	\$ 0.20318	\$ 0.14625	\$ 0.02641	\$ 0.10422	\$ 0.05295	
Volume Charge/Nov-Apr (\$ per therm)									\$ 0.02533
Volume Charge/May-Oct (\$ per therm)									\$ 0.01060
Demand Charge (\$ per therm)						\$ 1.00635			\$ 0.60575
			C&I	C&I	C&I	Large			
Current		Residential	Class 1	Class 2	Class 3	Volume	Interruptible	Fuel	Transportation
Rates		RS	C1	C2	C3	LV	IN	VF	Transp.
	_								
Current Rates									
Customer Charge (\$ per month)	\$	19.50	\$ 25.50	\$ 44.29	\$ 88.57	\$ 874.78	\$ 776.36	\$ 22.09	\$ 2,069.94
Current ISRS Charges (\$ per month)	\$	3.57	\$ 4.67	\$ 8.11	\$ 16.21	\$ 160.12	\$ 142.10	\$ 4.04	\$ 378.88
Block Break		30	50	500	3,000	36,000	100,000	-	36,000
Peak Rate/ 1st Step (\$ per therm)	\$	0.91686	\$ 0.87711	\$ 0.61244	\$ 0.85663	\$ 0.02502	\$ 0.10440	\$ 0.05332	\$ 0.02509
Peak Rate/ 2nd Step (\$ per therm)	\$	-	\$ -	\$ -	\$ -	\$ 0.00701	\$ 0.08083	\$ 0.05332	\$ 0.01050
Off-Peak Rate/ 1st Step (\$ per therm)	\$	0.31290	\$ 0.33832	\$ 0.15306	\$ 0.15444	\$ 0.02502	\$ 0.10440	\$ 0.05332	\$ 0.02509
Off-Peak Rate/ 2nd Step (\$ per therm)	\$	0.15297	\$ 0.11492	\$ 0.12421	\$ 0.12457	\$ 0.00701	\$ 0.08083	\$ 0.05332	\$ 0.01050
Demand Charge (\$ per therm)					\$ -	\$ 0.95000	\$ -		\$ 0.60000

Residential Rate Design (Pre-October 2018): Proposed Rate Increase

Laclede Gas Company				
Residential Rate Design				
	_			
Revenues	w/o ISRS	w/ ISRS		
Target Revenues	308,836,261	308,836,261		
Current Revenues (w/o and w/ ISRS)	257,599,794	283,545,198		
\$ Difference	51,236,467	25,291,063		
% Difference	19.9%			
70 Difference	15.570	0.570		
	Total Use	Peak Use		Off-Peak Us
Annual Usage (therms)	488,185,483	418,102,112		70,083,37
Number of Bills	7,267,620			
Average Annual Use (Therms)	806			
Residential Rate Design	Rate	Units		Revenues
		BF Adjustment	\$	308,876,25
Proposed Rates				
Customer Charge	\$ 23.50	7,267,620	\$	170,789,07
Consumption Charge	\$ 0.28286	488,185,483		138,087,18
Revenue at Proposed Rates			\$	308,876,25
Current Rates (w/o ISRS)				
Customer Charge	\$ 19.50	7,267,620	\$	141,718,59
Nov-Apr (First 30 therms)	\$ 0.91686	104,191,903		95,529,38
Nov-Apr (Over 30 therms)	-	313,910,209		-
May-Oct (First 30 therms)	0.31290	60,012,560		18,777,93
May-Oct (Over 30 therms)	0.15297	10,070,811		1,540,53
			s	257,566,44
Revenue at Current Rates				

Residential Bill Impact Analysis (Pre-October 2018)

Bill	Impact Ana	alysis - RS Rate											
					Annual Bill	(w)	o PGA)			Annual Bil	l (w	/ PGA)	
	Annual	Cumulative	Cumulative	Proposed	Current		Difference	Difference	Proposed	Current		Difference	Difference
	Use	Bills	Use	Annual Bill	Annual Bill		(\$)	(%)	Annual Bill	Annual Bill		(\$)	(%)
	226	5.1%	1.1%	\$ 346	\$ 430	\$	(84)	-19.6%	\$ 454	\$ 509	\$	(54)	-10.7%
	376	14.8%	5.7%	\$ 388	\$ 457	\$	(68)	-14.9%	\$ 568	\$ 606	\$	(38)	-6.3%
	476	27.0%	13.5%	\$ 417	\$ 463	\$	(47)	-10.1%	\$ 644	\$ 664	\$	(20)	-3.0%
	525	34.5%	19.1%	\$ 431	\$ 465	\$	(35)	-7.5%	\$ 681	\$ 691	\$	(10)	-1.4%
	725	64.1%	46.1%	\$ 487	\$ 474	\$	13	2.6%	\$ 833	\$ 804	\$	29	3.7%
	824	75.0%	58.4%	\$ 515	\$ 478	\$	37	7.7%	\$ 909	\$ 858	\$	50	5.9%
	974	85.7%	72.3%	\$ 558	\$ 485	\$	73	15.1%	\$ 1,023	\$ 942	\$	81	8.6%
	1,247	94.7%	86.5%	\$ 635	\$ 494	\$	140	28.4%	\$ 1,230	\$ 1,093	\$	138	12.6%
	1,448	96.9%	90.9%	\$ 691	\$ 501	\$	191	38.1%	\$ 1,383	\$ 1,203	\$	180	15.0%
	1,848	98.7%	95.2%	\$ 805	\$ 511	\$	293	57.4%	\$ 1,687	\$ 1,418	\$	269	19.0%

Residential Rate Design (Post-October 2018): Proposed Rate Increase

Laclede Gas Company				
Residential Rate Design				
Revenues	w/o ISRS	w/ ISRS		
Target Revenues	308,836,261	308,836,261		
Current Revenues (w/o and w/ ISRS)	257,599,794	283,545,198		
\$ Difference	51,236,467	25,291,063		
% Difference	19.9%	8.9%		
	Total Use	Peak Use		Off-Peak Use
Annual Usage (therms)	488,185,483	418,102,112		70,083,371
Number of Bills	7,267,620			
Average Annual Use (Therms)	806			
Residential Rate Design	Rate	Units		Revenues
		BF Adjustment	\$	308,876,255
Proposed Rates				
Customer Charge	\$ 17.00	7,267,620	\$	123,549,540
Consumption Charge	\$ 0.37962	488,185,483		185,326,715
Revenue at Proposed Rates			\$	308,876,255
Current Rates (w/o ISRS)				
Customer Charge	\$ 19.50	7,267,620	\$	141,718,590
Nov-Apr (First 30 therms)	\$ 0.91686	104,191,903		95,529,388
Nov-Apr (Over 30 therms)	-	313,910,209		-
May-Oct (First 30 therms)	0.31290	60,012,560		18,777,930
May-Oct (Over 30 therms)	0.15297	10,070,811		1,540,532
Parameter 1			_	057.555.455
Revenue at Current Rates		DE A II .	\$	257,566,440
		BF Adjustment		0.999871

Residential Bill Impact Analysis (Post-October 2018)

impact And	alysis - RS Rate			Annual Bill	(w/	o PGA)			Annual Bil	l (w	/ PGA)	
Annual	Cumulative	Cumulative	Proposed	Current		Difference	Difference	Proposed	Current		Difference	Difference
Use	Bills	Use	Annual Bill	Annual Bill		(\$)	(%)	Annual Bill	Annual Bill		(\$)	(%)
226	5.1%	1.1%	\$ 290	\$ 430	\$	(141)	-32.6%	\$ 398	\$ 509	\$	(110)	-21.7%
376	14.8%	5.7%	\$ 347	\$ 457	\$	(110)	-24.0%	\$ 526	\$ 606	\$	(80)	-13.1%
476	27.0%	13.5%	\$ 385	\$ 463	\$	(79)	-17.0%	\$ 612	\$ 664	\$	(52)	-7.8%
525	34.5%	19.1%	\$ 403	\$ 465	\$	(62)	-13.3%	\$ 654	\$ 691	\$	(37)	-5.3%
725	64.1%	46.1%	\$ 479	\$ 474	\$	5	1.0%	\$ 825	\$ 804	\$	22	2.7%
824	75.0%	58.4%	\$ 517	\$ 478	\$	39	8.1%	\$ 911	\$ 858	\$	52	6.1%
974	85.7%	72.3%	\$ 574	\$ 485	\$	89	18.4%	\$ 1,039	\$ 942	\$	97	10.3%
1,247	94.7%	86.5%	\$ 677	\$ 494	\$	183	37.1%	\$ 1,273	\$ 1,093	\$	180	16.5%
1,448	96.9%	90.9%	\$ 754	\$ 501	\$	253	50.5%	\$ 1,445	\$ 1,203	\$	242	20.2%
1,848	98.7%	95.2%	\$ 905	\$ 511	\$	394	77.1%	\$ 1,788	\$ 1,418	\$	370	26.1%

SGS Rate Design: Proposed Rate Increase

Revenues	w/o ISRS	w/ ISRS		
	,	,		
Target Revenues	31,291,377	31,291,377		
Current Revenues (w/o and w/ ISRS)	25,696,089	27,986,097		
\$ Difference	5,595,288	3,305,279		
% Difference	21.8%	11.8%		
	Total Use	Peak Use		Off-Peak Us
Usage (therms)	77,590,502	66,013,877		11,576,62
Number of Bills	444,484			
Average Annual Use (Therms)	2,095			
Small General Service Rate Design	Rate	Units		Revenues
Small deficience service make pengin		BF Adjustment	s	31,321,90
Proposed Rates		Di Adjustinent	_	01,021,50
Customer Charge	\$ 35.00	444,484	s	15,556,94
Consumption Charge	\$ 0.20318	77,590,502	Ť	15,764,96
	 0.20020	,220,202		25,700,700
Revenue at Proposed Rates	\$ 0.20318		\$	31,321,90
Current C-1 Rates (w/o ISRS)				
Customer Charge	\$ 25.50	382,197	\$	9,746,01
Nov-Apr (First 50 therms)	\$ 0.87711	7,785,289		6,828,55
Nov-Apr (Over 50 therms)	-	31,144,053		-
May-Oct (First 50 therms)	0.33832	2,547,700		861,93
May-Oct (Over 50 therms)	0.11492	2,180,094		250,53
			_	47.507.04
Revenue at Current Rates			\$	17,687,04
Current C-2 Rates (w/o ISRS)				
Customer Charge	\$ 44.29	62,287	s	2,758,70
Nov-Apr (First 500 therms)	\$ 0.61244	6,952,412	Ť	4,257,93
Nov-Apr (Over 500 therms)	\$ -	20,132,123		-,,
May-Oct (First 500 therms)	\$ 0.15306	4,043,930		618,96
May-Oct (Over 500 therms)	\$ 0.12421	2,804,901		348,39
Revenue at Current Rates			\$	7,983,99
Total Revenues at Current Rates				25,671,04
		BF Adjustment		0.99902

SGS Rate Design: Bill Impact Analysis

Bill Impact Ana	alysis - Current	C1 Rate											
					Annual Bill	(w/	o PGA)			Annual Bil	l (v	v/ PGA)	
Annual	Cumulative	Cumulative	Proposed		Current		Difference	Difference	Proposed	Current		Difference	Difference
Use	Bills	Use	Annual Bill	ı	Annual Bill		(\$)	(%)	Annual Bill	Annual Bill		(\$)	(%)
			•		•					•			
50	6%	0%	\$ 430	\$	403	\$	27	6.7%	\$ 454	\$ 417	\$	37	8.9%
200	16%	1%	\$ 461	\$	525	\$	(65)	-12.3%	\$ 556	\$ 579	\$	(23)	-3.9%
500	34%	5%	\$ 522	\$	619	\$	(97)	-15.7%	\$ 760	\$ 802	\$	(42)	-5.2%
1,000	54%	13%	\$ 623	\$	661	\$	(38)	-5.8%	\$ 1,101	\$ 1,096	\$	4	0.4%
1,750	68%	23%	\$ 776	\$	688	\$	88	12.8%	\$ 1,611	\$ 1,514	\$	98	6.4%
2,500	76%	32%	\$ 928	\$	709	\$	219	30.8%	\$ 2,122	\$ 1,924	\$	198	10.3%
3,500	83%	42%	\$ 1,131	\$	734	\$	397	54.1%	\$ 2,803	\$ 2,469	\$	334	13.5%
4,500	87%	51%	\$ 1,334	\$	747	\$	587	78.6%	\$ 3,484	\$ 3,002	\$	482	16.0%

Note: Current Annual Bill includes Infrastructure System Replacement Surcharge (ISRS)

Bill Impact Ana	alysis - Current	C2 Rate											
					Annual Bill	(w/	o PGA)			Annual Bil	I (w	v/ PGA)	
Annual	Cumulative	Cumulative	Propose	ı	Current		Difference	Difference	Proposed	Current		Difference	Difference
Use	Bills	Use	Annual Bi	I	Annual Bill		(\$)	(%)	Annual Bill	Annual Bill		(\$)	(%)
5,000	89%	56%	\$ 1,436	\$	2,481	\$	(1,045)	-42.1%	\$ 3,824	\$ 4,604	\$	(780)	-16.9%
5,500	90%	60%	\$ 1,537	\$	2,541	\$	(1,004)	-39.5%	\$ 4,165	\$ 4,916	\$	(751)	-15.3%
6,000	92%	65%	\$ 1,639	\$	2,575	\$	(936)	-36.4%	\$ 4,505	\$ 5,207	\$	(702)	-13.5%
6,500	93%	69%	\$ 1,741	\$	2,610	\$	(869)	-33.3%	\$ 4,846	\$ 5,500	\$	(654)	-11.9%
7,000	94%	73%	\$ 1,842	\$	2,644	\$	(802)	-30.3%	\$ 5,186	\$ 5,792	\$	(606)	-10.5%
7,500	95%	77%	\$ 1,944	\$	2,679	\$	(735)	-27.4%	\$ 5,526	\$ 6,084	\$	(557)	-9.2%
8,000	96%	80%	\$ 2,045	\$	2,714	\$	(668)	-24.6%	\$ 5,867	\$ 6,378	\$	(511)	-8.0%
9,000	98%	88%	\$ 2,249	\$	2,745	\$	(496)	-18.1%	\$ 6,548	\$ 6,936	\$	(388)	-5.6%

LGS Rate Design: Proposed Rate Increase

Revenues		w/o ISRS	w/ ISRS	
Target Revenues		24,899,092	24,899,092	
Current Revenues (w/o and w/ ISRS)		24,484,344	24,899,092	
\$ Difference		414,748	-	
% Difference		1.7%	0.0%	
		Total Use	Peak Use	Off-Peak Us
Usage (therms)		132,304,153	102,707,932	29,596,22
Number of Bills		44,644		
Average Annual Use (Therms)		35,562		
Large General Service Rate Design		Rate	Units	Revenues
			BF Adjustment	\$ 24,929,72
Proposed Rates				
Customer Charge	\$	125.00	44,644	\$ 5,580,50
Consumption Charge	\$	0.14625	132,304,153	19,349,22
Revenue at Proposed Rates	\$	0.14625		\$ 24,929,72
Current C-2 Rates (w/o ISRS)				
Customer Charge	\$	44.29	38,140	\$ 1,689,20
Nov-Apr (First 500 therms)	S	0.61244	16,159,255	9,896,57
Nov-Apr (Over 500 therms)		-	46,792,409	
May-Oct (First 500 therms)		0.15306	9,399,170	1,438,63
May-Oct (Over 500 therms)		0.12421	6,519,336	809,76
Revenue at Current Rates				\$ 13,834,18
Current C-3 Rates (w/o ISRS)				
Customer Charge	\$	88.57	6,504	\$ 576,09
Nov-Apr (First 3000 therms)	\$	0.85663	9,501,419	8,139,20
Nov-Apr (Over 3000 therms)	\$	-	30,254,849	-
May-Oct (First 3000 therms)	\$	0.15444	6,727,454	1,038,98
May-Oct (Over 3000 therms)	\$	0.12457	6,950,261	865,79
Revenue at Current Rates				\$ 10,620,07
Total Revenues at Current Rates				24,454,25
			BF Adjustment	0.99877

LGS Rate Design: Bill Impact Analysis

Bill Impact Ana	alysis - Current	C2 Rate												
					Annual Bill	(w/	o PGA)				Annual Bil	I (w	ı/ PGA)	
Annual	Cumulative	Cumulative		Proposed	Current		Difference	Difference	Proposed		Current		Difference	Difference
Use	Bills	Use	1	Annual Bill	Annual Bill		(\$)	(%)	Annual Bill	-	Annual Bill		(\$)	(%)
				·							·			
10,000	1%	0%	\$	2,962	\$ 2,776	\$	187	6.7%	\$ 7,739	\$	7,495	\$	244	3.3%
12,500	23%	9%	\$	3,328	\$ 2,851	\$	477	16.7%	\$ 9,299	\$	8,889	\$	410	4.6%
15,000	38%	16%	\$	3,694	\$ 2,924	\$	770	26.3%	\$ 10,859	\$	10,280	\$	579	5.6%
17,500	48%	21%	\$	4,059	\$ 2,992	\$	1,067	35.7%	\$ 12,419	\$	11,668	\$	750	6.4%
20,000	56%	26%	\$	4,425	\$ 3,055	\$	1,369	44.8%	\$ 13,978	\$	13,050	\$	929	7.1%
25,000	67%	35%	\$	5,156	\$ 3,181	\$	1,975	62.1%	\$ 17,098	\$	15,813	\$	1,285	8.1%
30,000	74%	42%	\$	5,887	\$ 3,307	\$	2,581	78.0%	\$ 20,218	\$	18,577	\$	1,641	8.8%
35,000	79%	47%	\$	6,619	\$ 3,432	\$	3,186	92.8%	\$ 23,337	\$	21,340	\$	1,997	9.4%
45,000	85%	55%	\$	8,081	\$ 3,684	\$	4,397	119.4%	\$ 29,576	\$	26,866	\$	2,710	10.1%

Note: Current Annual Bill includes Infrastructure System Replacement Surcharge (ISRS)

Bill Impact Ana	alysis - Current	C3 Rate											
					Annual Bill	(w/	o PGA)			Annual Bil	l (w	/ PGA)	
Annual	Cumulative	Cumulative	Proposed		Current		Difference	Difference	Proposed	Current		Difference	Difference
Use	Bills	Use	Annual Bill	ı	Annual Bill		(\$)	(%)	Annual Bill	Annual Bill		(\$)	(%)
·													
50,000	87%	58%	\$ 8,812	\$	18,634	\$	(9,822)	-52.7%	\$ 32,696	\$ 40,820	\$	(8,124)	-19.9%
55,000	89%	61%	\$ 9,544	\$	18,830	\$	(9,286)	-49.3%	\$ 35,815	\$ 43,747	\$	(7,932)	-18.1%
60,000	90%	64%	\$ 10,275	\$	19,020	\$	(8,745)	-46.0%	\$ 38,935	\$ 46,669	\$	(7,734)	-16.6%
70,000	92%	69%	\$ 11,737	\$	19,384	\$	(7,646)	-39.4%	\$ 45,174	\$ 52,495	\$	(7,321)	-13.9%
85,000	94%	74%	\$ 13,931	\$	19,896	\$	(5,965)	-30.0%	\$ 54,533	\$ 61,203	\$	(6,670)	-10.9%
100,000	96%	78%	\$ 16,125	\$	20,372	\$	(4,247)	-20.8%	\$ 63,892	\$ 69,873	\$	(5,981)	-8.6%
150,000	98%	87%	\$ 23,437	\$	21,951	\$	1,486	6.8%	\$ 95,088	\$ 98,765	\$	(3,677)	-3.7%
200,000	99%	93%	\$ 30,750	\$	23,530	\$	7,220	30.7%	\$ 126,284	\$ 127,661	\$	(1,377)	-1.1%

LV Rate Design: Proposed Rate Increase

Laclede Gas Company				
Large Volume Rate Design				
Revenues	w/o ISRS	w/ ISRS		Deman
Target Revenues	1,903,212	1,903,212		
Current Revenues (w/o and w/ ISRS)	1,772,234	1,903,212		
\$ Difference	130,978	-		
% Difference	7.4%	0.0%		
	Total Use	Peak Use		Off-Peak Us
Annual Usage (therms)	10,059,571			
First 36000 therms	10,012,562	6,231,250		3,781,31
Over 36000 therms	47,009	47,009		-
Number of Bills	818			
Average Annual Use (Therms)	147,573			
Large Volume Rate Design	Rate	Units		Revenues
		BF Adjustment	\$	1,920,46
Proposed Rates				
Customer Charge	\$ 1,000.00	818	\$	818,00
Consumption Charge	\$ 0.02641	10,059,571		265,72
Demand Charge	\$ 1.00635	831,468		836,74
Revenue at Proposed Rates			\$	1,920,46
Current Rates (w/o ISRS)				
Customer Charge	\$ 874.78	818	\$	715,57
First 36000 therms	\$ 0.02502	10,012,562		250,51
Over 36000 therms	\$ 0.00701	47,009		33
Demand Charge	0.95000	831,468		789,89
Revenue at Current Rates			s	1,756,30
Revenue at Current Rates				

LV Rate Design: Bill Impact Analysis

Bil	l Impact Ana	alysis - Current	LV Customer	s										
						Annual Bill	(w)	o PGA)			Annual Bill	l (w	/ PGA)	
	Annual	Cumulative	Cumulative		Proposed	Current		Difference	Difference	Proposed	Current		Difference	Difference
	Use	Bills	Use		Annual Bill	Annual Bill		(\$)	(%)	Annual Bill	Annual Bill		(\$)	(%)
	55,000	6%	1%	\$	18,028	\$ 18,114	\$	(86)	-0.5%	\$ 44,300	\$ 44,385	\$	(86)	-0.2%
	80,000	15%	5%	\$	20,768	\$ 20,702	\$	65	0.3%	\$ 58,981	\$ 58,916	\$	65	0.1%
	100,000	32%	15%	\$	22,959	\$ 22,773	\$	187	0.8%	\$ 70,726	\$ 70,540	\$	187	0.3%
	125,000	41%	22%	\$	25,699	\$ 25,361	\$	338	1.3%	\$ 85,408	\$ 85,070	\$	338	0.4%
	150,000	57%	36%	\$	28,439	\$ 27,950	\$	489	1.7%	\$ 100,090	\$ 99,601	\$	489	0.5%
	175,000	71%	51%	\$	31,179	\$ 30,539	\$	640	2.1%	\$ 114,771	\$ 114,131	\$	640	0.6%
	200,000	75%	56%	\$	33,919	\$ 33,127	\$	792	2.4%	\$ 129,453	\$ 128,661	\$	792	0.6%
	250,000	88%	75%	\$	39,399	\$ 38,304	\$	1,094	2.9%	\$ 158,816	\$ 157,722	\$	1,094	0.7%
	300,000	94%	86%	\$	44,878	\$ 43,378	\$	1,500	3.5%	\$ 188,179	\$ 186,679	\$	1,500	0.8%
	350,000	99%	96%	\$	50,358	\$ 48,257	\$	2,101	4.4%	\$ 217,542	\$ 215,441	\$	2,101	1.0%

IN Rate Design: Proposed Rate Increase

Laclede Gas Company				
Interruptible Rate Design				
Revenues	w/o ISRS	w/ ISRS		
nevenues	W/0 15N3	W/ ISRS		
Target Revenues	964,914	964,914		
Current Revenues (w/o and w/ ISRS)	929,531	964,914		
\$ Difference	35,383	-		
% Difference	3.8%	0.0%		
	Total Use	Peak Use		Off-Peak Use
Annual Usage (therms)	7,107,794			
First 100000 therms	6,507,794	3,085,014		1,622,566
Over 100000 therms	600,000	303,603		149,978
Number of Bills	249			
Average Annual Use (Therms)	342,544			
Interruptible Rate Design	Rate	Units		Revenues
		BF Adjustment	\$	973,613
Proposed Rates				
Customer Charge	\$ 935.00	249	\$	232,815
Consumption Charge	\$ 0.10422	7,107,794		740,798
Paramat Paramat Pata			_	070.640
Revenue at Proposed Rates			\$	973,613
Current Rates (w/o ISRS)				
Customer Charge	\$ 776.36	249	\$	193,314
First 100000 therms	\$ 0.10440	6,507,794		679,414
Over 100000 therms	\$ 0.08083	600,000		48,498
Revenue at Current Rates			\$	921,225
		BF Adjustment		0.991065

IN Rate Design: Bill Impact Analysis

Bill Impact - Cu	urrent IN Custo	omers														
		Ann	ual	Bill (w/o P	GA)				Anı	nua	l Bill (w/ PG	iA)				
Annual	Cumulative	Cumulative		Proposed		Current	ı	Difference	Difference		Proposed		Current	[Difference	Difference
Use	Bills	Use		Annual Bill	1	Annual Bill		(\$)	(%)		Annual Bill	1	Annual Bill		(\$)	(%)
50,000			\$	16,431	\$	16,242	\$	190	1.2%	\$	31,687	\$	31,497	\$	190	0.6%
100,000			\$	21,642	\$	21,461	\$	181	0.8%	\$	52,153	\$	51,972	\$	181	0.3%
150,000			\$	26,854	\$	26,682	\$	172	0.6%	\$	72,620	\$	72,448	\$	172	0.2%
200,000			\$	32,065	\$	31,901	\$	163	0.5%	\$	93,087	\$	92,923	\$	163	0.2%
250,000			\$	37,276	\$	37,122	\$	154	0.4%	\$	113,553	\$	113,399	\$	154	0.1%
275,000			\$	39,881	\$	39,732	\$	150	0.4%	\$	123,787	\$	123,637	\$	150	0.1%
300,000			\$	42,487	\$	42,341	\$	146	0.3%	\$	134,020	\$	133,874	\$	146	0.1%
350,000			\$	47,698	\$	47,562	\$	137	0.3%	\$	154,487	\$	154,350	\$	137	0.1%
400,000			\$	52,909	\$	52,781	\$	128	0.2%	\$	174,953	\$	174,825	\$	128	0.1%
450,000			\$	58,121	\$	58,002	\$	119	0.2%	\$	195,420	\$	195,301	\$	119	0.1%

VF Rate Design: Proposed Rate Increase

Laclede Gas Company				
Vehicular Fuel Rate Design				
Revenues	w/o ISRS	w/ ISRS		
Target Revenues	173,288	173,288		
Current Revenues (w/o and w/ ISRS)	172,904	173,288		
\$ Difference	384	-		
% Difference	0.2%	0.0%		
	Total Use	Peak Use		Off-Peak Use
Annual Usage (therms)	3,193,198	1,537,044		1,656,154
Number of Bills	95			
Average Annual Use (Therms)	403,351			
Vehicular Fuel Rate Design	Rate	Units		Revenues
		BF Adjustment	\$	173,836
Proposed Rates		,	Ė	•
Customer Charge	\$ 50.00	95	\$	4,750
Consumption Charge	\$ 0.05295	3,193,198		169,086
Revenue at Proposed Rates			\$	173,836
Current Rates (w/o ISRS)				
Customer Charge	\$ 22.09	95	s	2.099
Consumption Charge	\$ 0.05332	3,193,198	Ĺ	170,261
Revenue at Current Rates				172,360
		BF Adjustment		0.996851

VF Rate Design: Bill Impact Analysis

Bill Impact Ana	alysis - VF Cust	omers										
				Annual Bill	(w,	o PGA)			Annual Bil	l (w	ı/ PGA)	
Annual	Cumulative	Cumulative	Proposed	Current		Difference	Difference	Proposed	Current		Difference	Difference
Use	Bills	Use	Annual Bill	Annual Bill		(\$)	(%)	Annual Bill	Annual Bill		(\$)	(%)
25,000	25%	1%	\$ 1,924	\$ 1,647	\$	277	16.8%	\$ 12,390	\$ 12,113	\$	277	2.3%
100,000	38%	3%	\$ 5,895	\$ 5,646	\$	250	4.4%	\$ 47,761	\$ 47,511	\$	250	0.5%
200,000	50%	7%	\$ 11,190	\$ 10,978	\$	213	1.9%	\$ 94,922	\$ 94,709	\$	213	0.2%
500,000	63%	15%	\$ 27,076	\$ 26,974	\$	102	0.4%	\$ 236,404	\$ 236,301	\$	102	0.0%
1,000,000	88%	54%	\$ 53,552	\$ 53,634	\$	(82)	-0.2%	\$ 472,208	\$ 472,289	\$	(82)	0.0%
2,000,000	100%	100%	\$ 106,504	\$ 106,954	\$	(450)	-0.4%	\$ 943,815	\$ 944,265	\$	(450)	0.0%

TR Rate Design: Proposed Rate Increase

Laclede Gas Company				
Transportation Rate Design				
Revenues	w/o ISRS	w/ ISRS		
Target Revenues	14,061,854	14,061,854		
Current Revenues (w/o and w/ ISRS)	13,417,758	14,061,854		
\$ Difference	644,096	-		
% Difference	4.8%	0.0%		
	Total Use	Peak Use		Off-Peak Use
Annual Usage (therms)	183,302,053			
First 36000 therms	51,712,161	27,695,823		24,016,338
Over 36000 therms	131,589,892	77,149,423		54,440,469
Number of Bills	1,700			
Average Annual Use (Therms)	928,870			
Transportation Rate Design	Rate	Units		Revenues
		BF Adjustment	\$	14,154,748
Proposed Rates				
Customer Charge	\$ 2,500.00	1,700	\$	4,250,000
First 36000 therms	\$ 0.02533	51,712,161		1,309,882
Over 36000 therms	\$ 0.01060	131,589,892		1,394,925
Reservation Charge	\$ 0.60575	11,886,084		7,199,941
Revenue at Proposed Rates	\$ 0.01476		\$	14,154,748
Current Rates (w/o ISRS)				
Customer Charge	\$ 2,069.94	1,700	\$	3,518,898
First 36000 therms	\$ 0.02509	51,712,161	Ė	1,297,458
Over 36000 therms	0.01050	131,589,892		1,381,694
Reservation Charge	0.60000	11,886,084		7,131,650
Revenue at Current Rates				13,329,700
		BF Adjustment		0.993437

TR Rate Design: Bill Impact Analysis

Bill Impact Analys	is - TR Custom	ers											
				Annual Bill	(w,	/o PGA)				Annual Bil	l (w	ı/ PGA)	
Annual	Cumulative	Cumulative	Proposed	Current		Difference	Difference	Proposed		Current		Difference	Difference
Use	Bills	Use	Annual Bill	Annual Bill		(\$)	(%)	Annual Bill	1	Annual Bill		(\$)	(%)
250,000	5%	1%	\$ 46,152	\$ 45,385	\$	767	1.7%	\$ 68,197	\$	67,430	\$	767	1.1%
500,000	44%	11%	\$ 61,200	\$ 60,290	\$	910	1.5%	105,290		104,380	\$	910	0.9%
750,000	58%	18%	\$ 73,773	\$ 72,744	\$	1,029	1.4%	139,908		138,879	\$	1,029	0.7%
1,000,000	69%	25%	\$ 86,243	\$ 85,095	\$	1,148	1.3%	174,423		173,275	\$	1,148	0.7%
1,500,000	82%	38%	\$ 111,183	\$ 109,799	\$	1,384	1.3%	243,453		242,069	\$	1,384	0.6%
2,000,000	86%	44%	\$ 136,123	\$ 134,502	\$	1,621	1.2%	312,483		310,862	\$	1,621	0.5%
2,500,000	89%	47%	\$ 161,062	\$ 159,205	\$	1,857	1.2%	381,512		379,655	\$	1,857	0.5%
3,000,000	91%	52%	\$ 186,002	\$ 183,908	\$	2,094	1.1%	450,542		448,448	\$	2,094	0.5%
5,000,000	95%	63%	\$ 285,761	\$ 282,721	\$	3,040	1.1%	726,661		723,621	\$	3,040	0.4%
15,000,000	99%	81%	\$ 784,558	\$ 776,787	\$	7,771	1.0%	2,107,258	2	2,099,487	\$	7,771	0.4%

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Basic Customer Costs

Basic Customer Costs			Small	Large	Large		Vehicular	
	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation
	Company	RS	SGS	LGS	LV	IN	VF	Transp.
Basic Customer Costs								
Plant								
376.1 - Mains - Steel	87,536,489	81,986,329	5,014,243	503,631	9,228	2,809	1,072	19,178
376.2 - Mains - Cast Iron	8,177,699	7,659,201	468,433	47,049	862	262	100	1,792
376.3 - Mains - Plastic	171,442,578	160,572,439	9,820,530	986,375	18,073	5,501	2,099	37,560
380.1 - Services - Steel	38,730,897	35,912,898	2,185,615	572,719	18,797	4,970	2,000	33,898
380.2 - Services - Plastic	645,762,615	598,777,948	36,440,892	9,548,972	313,408	82,862	33,343	565,191
381 - Meters	129,541,012	108,212,959	15,325,374	4,754,757	157,061	104,954	23,407	962,499
383 - House Regulators	25,568,099	18,642,965	2,414,255	3,346,994	248,925	109,135	25,220	780,606
385 - Commercial & Ind Meas & Reg Eq	14,480,417	-	3,006,920	8,123,773	500,035	309,437	66,891	2,473,362
Total	1,121,239,806	1,011,764,739	74,676,261	27,884,268	1,266,389	619,931	154,132	4,874,086
Accumulated Depreciation								
376.1 - Mains - Steel	(52,422,907)	(49,099,087)	(3,002,876)	(301,609)	(5,526)	(1,682)	(642)	(11,485)
376.2 - Mains - Cast Iron	(745,873)	(698,582)	(42,725)	(4,291)	(79)	(24)	(9)	(163)
376.3 - Mains - Plastic	(29,657,825)	(27,777,401)	(1,698,852)	(170,633)	(3,126)	(952)	(363)	(6,498)
380.1 - Services - Steel	(36,075,778)	(33,450,962)	(2,035,785)	(533,457)	(17,509)	(4,629)	(1,863)	(31,575)
380.2 - Services - Plastic	(245,081,235)	(227,249,512)	(13,830,127)	(3,624,046)	(118,945)	(31,448)	(12,654)	(214,503)
381 - Meters	(30,286,296)	(25,299,862)	(3,583,026)	(1,111,648)	(36,720)	(24,538)	(5,473)	(225,029)
383 - House Regulators	(11,032,284)	(8,044,183)	(1,041,718)	(1,444,182)	(107,408)	(47,090)	(10,882)	(336,821)
385 - Commercial & Ind Meas & Reg Eq	(5,778,276)	-	(1,199,883)	(3,241,716)	(199,534)	(123,478)	(26,692)	(986,972)
Total	(411,080,474)	(371,619,589)	(26,434,991)	(10,431,582)	(488,848)	(233,841)	(58,578)	(1,813,045)
Net income before taxes & interest								
Net Plant	710,159,332	640,145,150	48,241,270	17,452,686	777,541	386,090	95,554	3,061,041
Net Income after taxes	54,682,269	\$ 49,291,177	\$ 3,714,578	\$ 1,343,857	\$ 59,871	\$ 29,729	\$ 7,358	
Add: Income Taxes	20,089,070	18,108,501	1,364,655	493,704	21,995	10,922	2,703	86,591
Net income before taxes & interest	\$ 74,771,338	\$ 67,399,677	\$ 5,079,232	\$ 1,837,560	\$ 81,866	\$ 40,651	\$ 10,061	\$ 322,291

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Basic Customer Costs			Small	Large	Large		Vehicular	
	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation
	Company	RS	SGS	LGS	LV	IN	VF	Transp.
Basic Customer Costs								
O&M Expenses								
874 - Mains and Service Expenses	6,658,916	6,191,911	377,359	81,579	2,522	675	270	4,602
876 - Measuring and Reg Station Exp-Ind	155,837	-	32,360	87,427	5,381	3,330	720	26,618
878 - Meter and House Regulator Exp.	14,896,146	10,446,990	2,503,486	1,446,325	75,527	43,426	9,469	370,922
879 - Customer Installation Expenses	2,371,255	1,666,490	267,306	316,645	18,032	11,157	2,436	89,188
880 - Other Expenses	1,676,190	1,274,110	221,373	134,471	7,062	4,078	898	34,198
902 - Meter reading expense	8,680,331	8,129,963	497,224	49,941	915	279	106	1,902
903 - Customer records & collections	19,065,392	17,831,316	1,150,236	78,789	1,444	439	168	3,000
909 - Info & Inst Advertising	98,614	92,361	5,649	567	10	3	1	22
913 - Advertising	138,699	129,905	7,945	798	15	4	2	30
916 - Misc Sales Expense	<u> </u>							
Total	53,741,378	45,763,047	5,062,938	2,196,543	110,907	63,392	14,069	530,481
Depreciation Expense								
380.1 - Services - Steel	2,025,626	1,878,245	114,308	29,953	983	260	105	1,773
380.2 - Services - Plastic	24,216,098	22,454,173	1,366,533	358,086	11,753	3,107	1,250	21,195
381 - Meters	3,070,122	2,564,647	363,211	112,688	3,722	2,487	555	22,811
383 - House Regulators	511,362	372,859	48,285	66,940	4,978	2,183	504	15,612
385 - Commercial & Ind Meas & Reg Eq	470,614		97,725	264,023	16,251	10,057	2,174	80,384
Total	30,293,821	27,269,924	1,990,062	831,690	37,688	18,094	4,588	141,775
Basic customer-related costs	158,806,538	\$ 140,432,648	\$ 12,132,233	\$ 4,865,794	\$ 230,461	\$ 122,136	\$ 28,718	\$ 994,548
Number of customers	646,634	605,635	37,040	3,720	68	21	8	142
Monthly basic cost per customer	\$ 20.47		\$ 27.30	\$ 108.99	\$ 281.74	\$ 490.51	\$ 302.30	

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Fully Allocated Customer Costs

			Small	Large		Large		,	/ehicular		
	Total	Residential	General Srv	General Srv		Volume	Interruptible		Fuel		Transportation
	Company	RS	SGS	LGS		LV	IN		VF		Transp.
Fully Allocated Customer Costs											
Rate Base	\$ 822,793,916	\$ 737,578,014	\$ 58,124,472	\$ 21,472,600	\$	976,770	\$ 499,962	\$	120,973	\$	4,021,125
Net Income after taxes	63,355,132	56,793,507	4,475,584	1,653,390		75,211	38,497		9,315		309,627
Add: Income Taxes	 23,275,290	 20,864,693	 1,644,232	 607,419	_	27,631	 14,143		3,422	_	113,750
Net income before taxes & interest	\$ 86,630,422	\$ 77,658,200	\$ 6,119,816	\$ 2,260,810	\$	102,842	\$ 52,640	\$	12,737	\$	423,377
Add: O&M	149,861,435	129,256,272	13,678,297	5,260,167		258,258	143,825		32,212		1,232,403
Add: Depreciation	42,843,652	38,746,206	2,784,578	1,059,037		47,322	22,724		5,758		178,027
Add: Taxes other than income	15,835,187	14,151,541	1,140,186	428,803		19,906	10,146		2,441		82,164
Add: Interest on deposits	114,944	80,593	31,164	3,130		57	-		-		-
Required Customer Revenues	\$ 295,285,639	\$ 259,892,812	\$ 23,754,041	\$ 9,011,947	\$	428,385	\$ 229,335	\$	53,148	\$	1,915,971
Number of Customers	 646,634	605,635	 37,040	3,720	_	68	21		8		142
Monthly cost per customer	\$ 38.05	\$ 35.76	\$ 53.44	\$ 201.86	\$	523.70	\$ 921.02	\$	559.45	\$	1,127.04

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MISSOURI GAS ENERGY

Summary of Proposed Delivery Rates

Missouri Gas Energy Summary of Rates		Pre-Oct 2018 Residential	Post-Oct 2018 Residential	Small General Srv	 Large General Srv	Large Volume Srv
		RS	RS	SGS	LGS	LVS
Proposed Rates						
Customer Charge (\$ per month)	\$	25.50	\$ 20.00	\$ 40.00	\$ 125.00	\$ 1,275.00
Volume Charge/All Year (\$ per therm)		0.15055	0.23500	0.11169		
Volume Charge/Nov-Mar (\$ per therm)					0.14819	
Volume Charge/Apr-Oct (\$ per therm)					0.08541	
1st 30,000 therm Volume Charge/Nov-Mar (\$ per therm)						0.04485
Over 30,000 therm Volume Charge/Nov-Mar (\$ per therm)						0.03520
1st 30,000 therm Volume Charge/Apr-Oct (\$ per therm)						0.02837
Over 30,000 therm Volume Charge/Apr-Oct (\$ per therm)						0.01872
	_					
Current Rates						
Customer Charge (\$ per month)	\$	23.00		\$ 34.00	\$ 115.40	\$ 904.56
Current ISRS Charges (\$ per month)	\$	1.97		\$ 2.92	\$ 9.90	\$ 77.60
Volume Charge/All Year (\$ per therm)		0.07380		0.05430		
Volume Charge/Nov-Mar (\$ per therm)					0.13268	
Volume Charge/Apr-Oct (\$ per therm)					0.07647	
1st 30,000 therm Volume Charge/Nov-Mar (\$ per therm)						0.05636
Over 30,000 therm Volume Charge/Nov-Mar (\$ per therm)						0.04424
1st 30,000 therm Volume Charge/Apr-Oct (\$ per therm)						0.03565
Over 30,000 therm Volume Charge/Apr-Oct (\$ per therm)						0.02352

Residential Rate Design (Pre-October 2018): Proposed Rate Increase

Missouri Gas Energy				
Residential Rate Design				
Revenues	w/o ISRS	w/ ISRS		
Target Revenues	198,607,571	198,607,571		
Current Revenues (w/o and w/ ISRS)	155,681,828	166,756,215		
\$ Difference	42,925,743	31,851,356		
% Difference	27.6%	19.1%		
	 Total Use	Peak Use	_	Off-Peak Use
Usage (Therms)	366,148,361	283,004,373		83,143,988
Number of Bills	5,621,516	2,839,927		2,781,589
Average Annual Use (Therms)	782			
Residential Rate Design	Rate	Units		Revenues
		BF Adjustment	\$	198,473,765
Proposed Rates				
Customer Charge	\$ 25.50	5,621,516	\$	143,348,664
Volume Charge	0.15055	366,148,361		55,125,101
Revenue at Proposed Rates			\$	198,473,765
Current Rates (w/o ISRS)				
Customer Charge	\$ 23.00	5,621,516	\$	129,294,874
oustonier onarge				
Volume Charge (Per Therm)	0.07235	366,148,361		26,491,911
_	0.07235	366,148,361		26,491,911
_	0.07235	366,148,361	\$	26,491,911 155,786,785

Residential Rate Design (Pre-October 2018): Bill Impact Analysis

	Residential F	Rate Design										
				Annual Bill	(w/o PGA)			Annual Bill	l (w/ PGA)			
Annual	Cumulative	Cumulative	Proposed	Current	Difference	Difference	Proposed	Current	Difference	Difference		
Use	Bills	Use	Annual Bill	Annual Bill	(\$)	(%)	Annual Bill	Annual Bill	(\$)	(%)		
227	6%	1%	\$ 340	\$ 316	\$ 24	8%	\$ 452	\$ 428	\$ 24	6%		
327	13%	5%	355	323	32	10%	517	485	32	7%		
426	25%	12%	370	330	40	12%	581	541	40	7%		
575	49%	31%	393	341	51	15%	677	626	51	8%		
675	64%	46%	408	348	59	17%	742	683	59	9%		
775	76%	59%	423	356	67	19%	806	739	67	9%		
825	80%	64%	430	359	71	20%	838	767	71	9%		
924	87%	73%	445	367	79	21%	903	824	79	10%		
974	89%	77%	453	370	83	22%	935	852	83	10%		
1,147	95%	86%	479	383	96	25%	1,046	950	96	10%		

Landlor	d Customers 1	Transferred fro	om SGS							
				Annual Bill	(w/o PGA)			Annual Bil	l (w/ PGA)	
Annual	Cumulative	Cumulative	Proposed	Current	Difference	Difference	Proposed	Current	Difference	Difference
Use	Bills	Use	Annual Bill	Annual Bill	(\$)	(%)	Annual Bill	Annual Bill	(\$)	(%)
227			\$ 340	\$ 455	\$ (115)	-25%	\$ 452	\$ 567	\$ (115)	-20%
327			355	460	(105)	-23%	517	622	(105)	-17%
426			370	466	(96)	-21%	581	677	(96)	-14%
476			378	468	(91)	-19%	613	704	(91)	-13%
575			393	474	(81)	-17%	677	758	(81)	-11%
625			400	476	(76)	-16%	710	786	(76)	-10%
675			408	479	(71)	-15%	742	813	(71)	-9%
775			423	484	(62)	-13%	806	868	(62)	-7%
924			445	492	(47)	-10%	903	950	(47)	-5%
1,147			479	504	(25)	-5%	1,046	1,072	(25)	-2%

Residential Rate Design (Post-October 2018): Proposed Rate Increase

Missouri Gas Energy				
Residential Rate Design				
Revenues	w/o ISRS	w/ ISRS		
Target Revenues	198,607,571	198,607,571		
Current Revenues (w/o and w/ ISRS)	155,681,828	166,756,215		
\$ Difference	42,925,743	31,851,356		
% Difference	27.6%	19.1%		
	 Total Use	Peak Use	_	Off-Peak Use
Usage (Therms)	366,148,361	283,004,373		83,143,988
Number of Bills	5,621,516	2,839,927		2,781,589
Average Annual Use (Therms)	782			
Residential Rate Design	Rate	Units		Revenues
		BF Adjustment	\$	198,473,765
Proposed Rates				
Customer Charge	\$ 20.00	5,621,516	\$	112,430,325
Volume Charge	0.23500	366,148,361		86,043,440
Revenue at Proposed Rates			\$	198,473,765
Current Rates (w/o ISRS)				
Customer Charge	\$ 23.00	5,621,516	\$	129,294,874
Volume Charge (Per Therm)	0.07235	366,148,361		26,491,911
Revenue at Current Rates			\$	155,786,785
		BF Adjustment		1.000674

Residential Bill Impact Analysis (Post-October 2018)

	Residential F	Rate Design								
				Annual Bill	(w/o PGA)			Annual Bil	l (w/ PGA)	
Annual	Cumulative	Cumulative	Proposed	Current	Difference	Difference	Proposed	Current	Difference	Difference
Use	Bills	Use	Annual Bill	Annual Bill	(\$)	(%)	Annual Bill	Annual Bill	(\$)	(%)
227	6%	1%	\$ 293	\$ 316	\$ (23)	-7%	\$ 406	\$ 428	\$ (23)	-5%
327	13%	5%	317	323	(7)	-2%	478	485	(7)	-1%
426	25%	12%	340	330	10	3%	551	541	10	2%
575	49%	31%	375	341	34	10%	660	626	34	5%
675	64%	46%	399	348	50	14%	733	683	50	7%
775	76%	59%	422	356	66	19%	806	739	66	9%
825	80%	64%	434	359	74	21%	842	767	74	10%
924	87%	73%	457	367	91	25%	915	824	91	11%
974	89%	77%	469	370	99	27%	951	852	99	12%
1,147	95%	86%	510	383	127	33%	1,077	950	127	13%

Landlor	d Customers T	ransferred fro	om SGS							
				Annual Bill	(w/o PGA)			Annual Bil	l (w/ PGA)	
Annual	Cumulative	Cumulative	Proposed	Current	Difference	Difference	Proposed	Current	Difference	Difference
Use	Bills	Use	Annual Bill	Annual Bill	(\$)	(%)	Annual Bill	Annual Bill	(\$)	(%)
227			\$ 293	\$ 455	\$ (162)	-36%	\$ 406	\$ 567	\$ (162)	-29%
327			317	460	(144)	-31%	478	622	(144)	-23%
426			340	466	(126)	-27%	551	677	(126)	-19%
476			352	468	(117)	-25%	587	704	(117)	-17%
575			375	474	(98)	-21%	660	758	(98)	-13%
625			387	476	(89)	-19%	696	786	(89)	-11%
675			399	479	(80)	-17%	733	813	(80)	-10%
775			422	484	(62)	-13%	806	868	(62)	-7%
924			457	492	(35)	-7%	915	950	(35)	-4%
1,147			510	504	5	1%	1,077	1,072	5	1%

SGS Rate Design: Proposed Rate Increase

Missouri Gas Energy			
Small General Service Rate Design			
Revenues	w/o ISRS	w/ ISRS	
Target Revenues	20,655,038	20,655,038	
Current Revenues (w/o and w/ ISRS)	14,977,711	16,016,186	
\$ Difference	5,677,327	4,638,853	
% Difference	37.9%	29.0%	
	Total Use	Peak Use	Off-Peak Use
Usage (therms)	56,239,220	43,644,991	12,594,229
Number of Bills	355,642	182,573	173,069
Average Annual Use (Therms)	1,898		
Small General Service Rate Design	Rate	Units	Revenues
		BF Adjustment	\$ 20,507,128
Proposed Rates			
Customer Charge	\$ 40.00	355,642	\$ 14,225,680
Volume Charge	\$ 0.11169	56,239,220	6,281,447
Revenue at Proposed Rates			\$ 20,507,128
Current Rates (w/o ISRS)			
Customer Charge	\$ 34.00	355,642	\$ 12,091,828
Volume Charge (Per Therm)	\$ 0.05324	56,239,220	2,993,911
-			-
Revenue at Current Rates			\$ 15,085,740
		BF Adjustment	1.007213

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SGS Bill Impact Analysis

Sma	all General Ser	vice Rate Des	ign							
				Annual Bill	(w/o PGA)			Annual Bill	(w/ PGA)	
Annual	Cumulative	Cumulative	Proposed	Current	Difference	Difference	Proposed	Current	Difference	Difference
Use	Bills	Use	Annual Bill	Annual Bill	(\$)	(%)	Annual Bill	Annual Bill	(\$)	(%)
100	6%	0%	\$ 491	\$ 448	\$ 43	10%	\$ 541	\$ 498	\$ 43	9%
350	20%	2%	519	462	57	12%	692	635	57	9%
750	43%	9%	564	483	81	17%	935	854	81	9%
1,500	65%	22%	648	523	125	24%	1,390	1,265	125	10%
2,000	72%	30%	703	550	154	28%	1,693	1,539	154	10%
3,500	84%	48%	871	629	242	38%	2,603	2,362	242	10%
5,000	91%	63%	1,038	709	329	46%	3,513	3,184	329	10%
6,500	95%	76%	1,206	789	417	53%	4,423	4,006	417	10%
7,500	97%	84%	1,318	842	475	56%	5,030	4,554	475	10%
10,000	100%	100%	1,597	975	622	64%	6,546	5,925	622	10%

LGS Rate Design: Proposed Rate Increase

Missouri Gas Energy					
Large General Service Rate Design					
Revenues		w/o ISRS	w/ ISRS		
Target Revenues		14,003,741	14,003,741		
Current Revenues (w/o and w/ ISRS)		13,143,865	13,531,516		
\$ Difference		859,877	472,225		
% Difference		6.5%	3.5%		
		Total Use	Peak Use		Off-Peak Use
Usage (therms)		74,357,619	49,525,779		24,831,840
Number of Bills		39,157			
Average Annual Use (Therms)		22,788	66.6%		
Large General Service Rate Design		Rate	Units		Revenues
			BF Adjustment	\$	14,354,620
Proposed Rates					
Customer Charge	\$	125.00	39,157	\$	4,894,593
Volume Charge (Nov-Mar)	\$	0.14819	49,525,779		7,339,175
Volume Charge (Apr-Oct)	\$	0.08541	24,831,840	_	2,120,853
Revenue at Proposed Rates				\$	14,354,620
Current Rates (w/o ISRS)					
Customer Charge	\$	115.40	39,157	\$	4,518,688
customer charge	Ÿ				
Volume Charge (Nov-Mar) (Per Therm)	٠	0.1301	49,525,779		6,442,236
	,	0.1301 0.0750	49,525,779 24,831,840		
Volume Charge (Nov-Mar) (Per Therm)	7			\$	6,442,236 1,861,658 12,822,581

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LGS Bill Impact Analysis

	Larg	e General Ser	vice Rate Des	ign											
ı					Annual Bill	(w/o PGA)		Annual Bill (w/ PGA)							
ı	Annual	Cumulative	Cumulative	Proposed	Current	Difference	Difference	Proposed	Current	Difference	Difference				
	Use	Bills	Use	Annual Bill	Annual Bill	(\$)	(%)	Annual Bill	Annual Bill	(\$)	(%)				
	10,500	6%	3%	\$ 2,836	\$ 2,676	\$ 160	6%	\$ 8,033	\$ 7,873	\$ 160	2%				
	12,500	26%	13%	3,090	2,900	191	7%	9,277	9,086	191	2%				
	15,000	43%	22%	3,408	3,179	230	7%	10,832	10,603	230	2%				
	17,500	54%	31%	3,726	3,458	268	8%	12,388	12,119	268	2%				
	20,000	63%	38%	4,044	3,737	307	8%	13,943	13,636	307	2%				
	25,000	74%	48%	4,681	4,295	385	9%	17,054	16,668	385	2%				
	50,000	94%	77%	7,861	7,087	774	11%	32,607	31,833	774	2%				
	75,000	98%	86%	11,042	9,879	1,163	12%	48,161	46,998	1,163	2%				
	125,000	99%	93%	17,403	15,463	1,940	13%	79,268	77,328	1,940	3%				
	250,000	100%	98%	33,306	29,422	3,883	13%	157,036	153,152	3,883	3%				

LV Rate Design: Proposed Rate Increase

Missouri Gas Energy					
Large Volume Rate Design					
Revenues		w/o ISRS	w/ ISRS		
To cook Decrees	-	15 270 027	45.070.007		
Target Revenues		15,278,027	15,278,027		
Current Revenues (w/o and w/ ISRS)	_	14,339,904	14,799,403		
\$ Difference		938,122	478,623		
% Difference		6.5%	3.2%		
		Total Use	Peak Use		Off-Peak Use
Usage (therms)		266,738,665	129,720,490		137,018,176
Number of Bills		4,745			
Average Annual Use (Therms)		674,522			
Large Volume Rate Design		Rate	Units		Revenues
			BF Adjustment	\$	14,890,350
Proposed Rates					
Customer Charge	\$	1,275.00	4,745	\$	6,050,360
Additional Meter Charge	\$	1,275.00	660		841,500
Additional Meter Charge	\$	259.43	516		133,866
First 30,000 therms (Nov-Mar)	\$	0.04485	37,706,755		1,691,021
Over 30,000 therms (Nov-Mar)	\$	0.03520	92,013,735		3,239,117
First 30,000 therms (Apr-Oct)	\$	0.02837	38,349,803		1,087,881
Over 30,000 therms (Apr-Oct)	\$	0.01872	98,668,373		1,846,606
Revenue at Proposed Rates				\$	14,890,350
Current Rates (w/o ISRS)	4_			_	
Customer Charge	\$	904.56	4,745	\$	4,292,481
Additional Meter Charge	\$	904.56	660		597,010
Additional Meter Charge	\$	259.43	516		133,866
First 30,000 therms (Nov-Mar)	\$	0.05525	37,706,755		2,083,483
Over 30,000 therms (Nov-Mar)	\$	0.04337	92,013,735		3,990,870
First 30,000 therms (Apr-Oct)	\$	0.03495	38,349,803		1,340,363
Over 30,000 therms (Apr-Oct)	\$	0.02306	98,668,373		2,275,177
Revenue at Current Rates				\$	14,713,249
			BF Adjustment		1.026035

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LV Bill Impact Analysis

		Large Volume I	Rate Design														
	Annual Bill (w/o PGA)									Annual Bill (w/ PGA)							
	Annual	Cumulative	Cumulative	Proposed		Current		Difference	Difference		Proposed		Current		Difference	Difference	
	Use	Bills	Use	Annual Bill		Annual Bill		(\$)	(%)		Annual Bill		Annual Bill		(\$)	(%)	
	30,000	4%	0%	\$ 16,387	\$	13,126	\$	3,262	25%	\$	31,235	\$	27,973	\$	3,262	12%	
	50,000	12%	1%	17,112		14,019		3,093	22%		41,858		38,765		3,093	8%	
	75,000	24%	2%	18,019		15,136		2,883	19%		55,138		52,255		2,883	6%	
	182,500	49%	6%	21,916		19,937		1,979	10%		112,239		110,260		1,979	2%	
	250,000	57%	8%	24,357		22,945		1,412	6%		148,087		146,675		1,412	1%	
	375,000	66%	12%	28,570		28,136		434	2%		214,165		213,731		434	0%	
	675,000	78%	21%	36,730		38,189		(1,459)	-4%		370,801		372,260		(1,459)	0%	
	5,000,000	98%	67%	151,782		179,944		(28,161)	-16%		2,626,382		2,654,544		(28,161)	-1%	
15	5,000,000	99%	84%	417,799		507,700		(89,900)	-18%		7,841,599		7,931,500		(89,900)	-1%	
27	7,600,000	100%	100%	752,981		920,672		(167,691)	-18%		14,412,773		14,580,464		(167,691)	-1%	

LGS/LV Migration Bill Impact Analysis

LV Use Allocation	1													
				Annual Bill (w/o PGA)				Annual Bill (w/ PGA)						
Annual	Cumulative	Cumulative	Proposed	Proposed		Difference	Difference	Proposed		Proposed		Difference	Difference	
Use	Bills	Use	LV Bill	LGS Bill		(\$)	(%)	LV Bill		LGS Bill		(\$)	(%)	
75,000	24%	2%	\$ 18,019	\$ 10,277	\$	7,742	75%	\$ 55,138	\$	47,396	\$	7,742	16%	
100,000			\$ 18,925	\$ 13,163		5,762	44%	68,417		62,655		5,762	9%	
125,000			\$ 19,831	\$ 16,049		3,783	24%	81,696		77,914		3,783	5%	
150,000			\$ 20,737	\$ 18,934		1,803	10%	94,975		93,172		1,803	2%	
182,500	49%	6%	\$ 21,916	\$ 22,687		(771)	-3%	112,239		113,009		(771)	-1%	
200,000			\$ 22,550	\$ 24,707		(2,157)	-9%	121,534		123,691		(2,157)	-2%	
250,000	57%	8%	\$ 24,357	\$ 30,478		(6,122)	-20%	148,087		154,208		(6,122)	-4%	
300,000			\$ 26,110	\$ 36,250		(10,140)	-28%	174,586		184,726		(10,140)	-5%	
325,000			\$ 26,953	\$ 39,136		(12,184)	-31%	187,802		199,985		(12,184)	-6%	
350,000			\$ 27,778	\$ 42,022		(14,244)	-34%	201,000		215,244		(14,244)	-7%	
375,000	66%	12%	\$ 28,570	\$ 44,908		(16,338)	-36%	214,165		230,503		(16,338)	-7%	

	LGS Use Allocatio	n (Lower load fa	ctor than LV)													
		_	Anr	nual	Bill (w/o PG	iA)	A) Annual Bill (۱)			
	Annual	Cumulative	Cumulative		Proposed		Proposed		Difference	Difference		Proposed		Proposed	Difference	Difference
	Use	Bills	Use	1	LV Bill		LGS Bill		(\$)	(%)		LV Bill		LGS Bill	(\$)	(%)
	75,000			\$	18,282	\$	11,279	\$	7,003	62%	\$	55,401	\$	48,398	\$ 7,003	14%
	100,000			\$	19,276	\$	14,499		4,777	33%		68,768		63,991	4,777	7%
	125,000			\$	20,270	\$	17,720		2,550	14%		82,135		79,585	2,550	3%
	162,500			\$	21,761	\$	22,549		(789)	-3%		102,185		102,974	(789)	-1%
	182,500			\$	22,544	\$	25,126		(2,582)	-10%		112,867		115,448	(2,582)	-2%
	200,000			\$	23,199	\$	27,380		(4,181)	-15%		122,183		126,364	(4,181)	-3%
	250,000			\$	24,945	\$	33,820		(8,875)	-26%		148,675		157,550	(8,875)	-6%
	300,000			\$	26,642	\$	40,260		(13,618)	-34%		175,118		188,736	(13,618)	-7%
	325,000			\$	27,488	\$	43,480		(15,992)	-37%		188,337		204,329	(15,992)	-8%
	350,000			\$	28,304	\$	46,700		(18,397)	-39%		201,526		219,922	(18,397)	-8%
1	375,000			\$	29,109	\$	49,921		(20,812)	-42%		214,704		235,516	(20,812)	-9%

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Workpapers

Basic Customer Costs

Basic Customer Costs		-	Small	Large	Large
	Total	Residential	General Srv	General Srv	Volume Srv
	Company	RS	SGS	LGS	LVS
Basic Customer Costs					
Plant					
376 - Mains	197,613,574	184,500,378	11,672,311	1,285,140	155,745
380 - Services	399,602,056	366,197,599	26,000,781	6,374,562	1,029,114
381 - Meters	40,249,691	27,386,110	7,411,999	3,467,303	1,984,279
382 - Meter installation	94,813,508	69,849,055	13,308,390	9,004,188	2,651,875
383 - House regulators	15,936,615	11,179,286	1,396,676	1,809,435	1,551,217
385 - Industrial Meas & Reg stations	1,004,461				1,004,461
Total	749,219,904	659,112,428	59,790,156	21,940,627	8,376,692
Accumulated Depreciation					
376 - Mains	(66,161,738)	(61,771,393)	(3,907,932)	(430,269)	(52,144)
380 - Services	(217,100,229)	(198,951,886)	(14,125,992)	(3,463,242)	
381 - Meters	(5,606,851)	(3,814,932)	(1,032,504)	(483,001)	
382 - Meter installation	(37,046,542)	(27,292,166)	(5,199,996)	(3,518,212)	
383 - House regulators	(5,439,223)	(3,815,530)	(476,690)	(617,567)	
385 - Industrial Meas & Reg stations	(252,432)		-	_	(252,432)
Total	(331,607,016)	(295,645,907)	(24,743,114)	(8,512,292)	(2,705,703)
Net income before taxes & interest					
Net Plant	417,612,888	363,466,521	35,047,042	13,428,336	5,670,989
Net Income after taxes	32,156,192	\$ 27,986,922			
Add: Income Taxes	11,893,978	10,351,842	998,170	382,451	161,515
Net income before taxes & interest	\$ 44,050,170	\$ 38,338,764	\$ 3,696,792	\$ 1,416,432	\$ 598,181

Basic Customer Costs			Small	Large	Large
	Total	Residential	General Srv	General Srv	Volume Srv
	Company	RS	SGS	LGS	LVS
Basic Customer Costs					
O&M Expenses					
874 - Mains & services expense	2,868,634	2,678,278	169,440	18,656	2,261
876 - Measurement & Reg - Industrial	-	-	-	-	-
878 - Meter and House Regulator	2,143,852	1,468,300	350,788	197,172	127,593
879 - Customer installation	939,433	692,080	131,862	89,215	26,275
887 - Maintenance of Mains	6,209,626	5,797,569	366,780	40,383	4,894
902 - Meter reading expense	1,976,539	1,845,381	116,747	12,854	1,558
903 - Customer records & collections	12,561,118	11,585,112	869,265	98,428	8,314
909 - Info & Inst Advertising	38,699	36,131	2,286	252	30
913 - Advertising	-	-	-	-	-
916 - Misc Sales Expense	5,500	3,008	2,244	247	2
Total	26,743,402	24,105,858	2,009,411	457,207	170,927
Depreciation Expense					
376 - Mains	3,517,522	3,284,107	207,767	22,875	2,772
380 - Services	10,709,335	9,814,096	696,821	170,838	27,580
381 - Meters	1,151,141	783,243	211,983	99,165	56,750
382 - Meter installation	2,711,666	1,997,683	380,620	257,520	75,844
383 - House regulators	388,853	272,774	34,079	44,150	37,850
385 - Industrial Meas & Reg stations	33,449				33,449
	18,511,966	16,151,902	1,531,270	594,549	234,245
Basic customer-related costs	89,305,538	\$ 78,596,524	\$ 7,237,474	\$ 2,468,188	\$ 1,003,353
Number of customers	501,755	468,460	29,637	3,263	395
Monthly basic cost per customer	\$ 14.83	\$ 13.98	\$ 20.35	\$ 63.03	\$ 211.44

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Workpapers

Fully Allocated Customer Costs

	Total		Residential		Small General Srv	Large General Srv	Large Volume Srv
	Company		RS		SGS	LGS	LVS
Fully Allocated Customer Costs							
Rate Base	\$ 484,054,271	\$	424,482,270	\$	38,808,347	\$ 14,611,984	\$ 6,151,670
Net Income after taxes	37,272,179		32,685,135		2,988,243	1,125,123	473,679
Add: Income Taxes	13,786,286		12,089,624		1,105,295	416,162	175,205
Net income before taxes & interest	\$ 51,058,465	\$	44,774,758	\$	4,093,538	\$ 1,541,285	\$ 648,884
Add: O&M	77,128,011		67,883,261		6,450,577	1,759,420	1,034,753
Add: Depreciation	25,047,974		22,049,771		1,996,661	724,111	277,430
Add: Taxes other than income	15,781,126		13,922,805		1,252,799	432,252	173,270
Add: Interest on deposits	226,207		172,506		47,801	5,263	638
Required Customer Revenues	\$ 169,241,782	\$	148,803,101	\$	13,841,376	\$ 4,462,331	\$ 2,134,974
Number of Customers	501,755	_	468,460	_	29,637	 3,263	395
Monthly cost per customer	\$ 28.11	\$	26.47	\$	38.92	\$ 113.96	\$ 449.91
Required Total Revenues	249,808,866		199,692,757		22,618,866	12,223,997	15,273,245

BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF MISSOURI

In the Matter of Laclede Gas Company's Request to Increase its Revenues for Gas Service	,	File No.	GR-2017-0215
In the Matter of Laclede Gas Company d/b/a Missouri Gas Energy's Request to Increase its Revenues for Gas Service	,	File No.	GR-2017-0216
	<u>A F</u>	FIDAV	TT
STATE OF MISSOURI)	aa
CITY OF ST. LOUIS)	SS.

Timothy S. Lyons, of lawful age, being first duly sworn, deposes and states:

- 1. My name is Timothy S. Lyons. My business address is 1900 West Park Road, Suite 250, Westborough, MA 01581 and I am a Partner at ScottMadden Inc..
- 2. Attached hereto and made a part hereof for all purposes is my direct testimony on behalf of Laclede Gas Company and MGE.
- 3. I hereby swear and affirm that my answers contained in the attached testimony to the questions therein propounded are true and correct to the best of my knowledge and belief.

Timothy S. Lyons

Subscribed and sworn to before me this 29th day of March, 2017.

Marcia a. Spangler Notary Public

MARCIA A. SPANGLER
Notary Public - Notary Seal
STATE OF MISSOURI
St. Louis County
My Commission Expires: Sept. 24, 2018
Commission # 14630361