FILED
December 27, 2017
Data Center
Missouri Public
Service Commission

Exhibit No:

010

Class Cost of Service, Rate Design

Issue: Witness:

Timothy S. Lyons Direct Testimony

Type of Exhibit: 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

Laclade Exhibit No 10

Date 12-15-17 Reporter A.F.

File No GR-2017-0215, GR-2017-0314

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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
- 4 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
- 11 1985 at Boston Gas Company, eventually becoming Director of Rates and Revenue
- 12 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
- 15 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.
- 17 Sussex was acquired by ScottMadden in 2016.
- 18 Q. 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.

1 Q. HAVE YOU PREVIOUSLY PROVIDED TESTIMONY BEFORE A

2 REGULATORY COMMISSION?

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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?

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

II. OVERVIEW AND CURRENT RATE STRUCTURE

Q. PLEASE DESCRIBE LAC'S CUSTOMER BASE.

A. 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.

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&P") 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)
Account		1st 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	1st 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)
		1st 3000 therms: \$0.85663
		Over 3000 therms: \$0.00000
		Consumption charge (May-Oct)
		1st 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	1st 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

WEATHER ON CUSTOMER BILLS AND LAC REVENUES?

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

A. A significant portion of LAC's cost of service is recovered on the basis of customer 1 usage (or per therm) charges that reflect usage at the time rate are established (i.e., rates 2 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, 4 5 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. 7 There are many causes for variations in usage, including the impact of weather, energy

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- 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-thannormal 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 nonweather 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.

O. WHY IS IT IMPORTANT TO MITIGATE THE IMPACT OF WEATHER ON 20 CUSTOMER BILLS AND LAC REVENUES?? 21

A. It is important to mitigate the impact of weather on customer bills and LAC revenues to 22 reduce volatility in customer bills and utility revenues. The source of the volatility is that 23

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
- 2 customer conservation and installation of energy efficiency measures.³
- A third approach has been to implement creative rate designs, such as LAC's block rate
- 4 structure. LAC's rate design mitigates the impact of weather on customer bills and utility
- 5 revenues by recovering peak period distribution revenues in the customer charge and
- 6 head block.

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7 Q. WHAT ARE THE COMPANY'S CONCERNS REGARDING LAC'S CURRENT

8 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

21 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.ceel.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.

11 Q. IN WHAT WAY DOES LAC'S PGA DIFFER FROM MORE TRADITIONAL 12 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.

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

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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
- 3 Q. IS THE COMPANY PROPOSING ANY SPECIFIC CHANGES TO LAC'S
- 4 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
- 7 rate classes in a manner that maintains the underlying cost differences in serving different
- 8 types of customers.
- 9 Q. WHAT IS THE COMPANY'S PROPOSAL REGARDING LAC'S NEW C&I
- 10 RATE CLASSES?
- 11 A. LAC proposes to create two C&I rate classes, consistent with MGE's C&I rate classes:
- 12 Small General Service (SGS) and Large General Service (LGS). The SGS rate class
- includes those customers with annual usage of 10,000 therms or less while the LGS
- includes those customers with annual usage greater than 10,000 therms. The Company
- believes that the proposed changes will simplify LAC's rate structure, while meeting the
- 16 Company's objective of providing more consistent rate treatment across the LAC and
- MGE systems to minimize customer confusion. Importantly, the proposed changes
- maintain underlying cost differences in serving different types of customers.
- 19 Q. PLEASE DESCRIBE LAC'S USAGE PROFILES FOR EACH RATE CLASS.
- 20 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
- 23 605,635 customers using approximately 488.2 million therms annually.

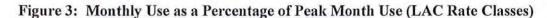
⁴ Berg et. al., The 2016 State Energy Efficiency Scorecard (2016), pg. 45, http://aceee.org/research-report/ul606.

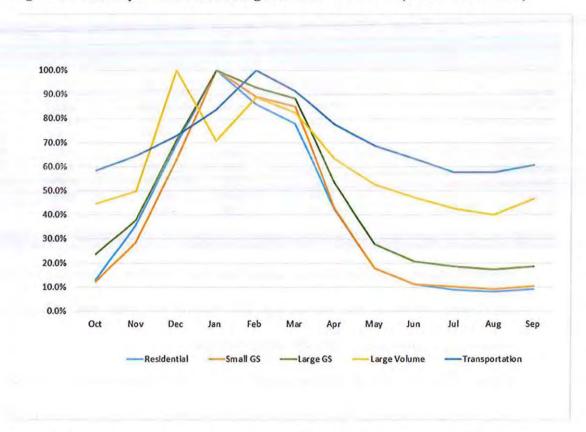
Test Year	Number of	% of	Annual	% of	Use per
Customers and Usage	Customers	Customers	Ușe	Use	Customer
Residential	605,635	93.6%	488,185,483	54.1%	806
Small General Service	37,040	5.7%	77,590,502	8.6%	2,095
Large General Service	3,720	0.6%	132,304,153	14.7%	35,562
Large Volume	68	0.0%	10,059,571	1.1%	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.





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

Figure 4: Current Major MGE Rate Classes⁶

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): All therms: \$0.13268 Consumption charge (Apr-Oct):		
		All therms: \$0.07647		
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		

3 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
 5 Small General Service rate classes.
- 6 Q. IS THE COMPANY PROPOSING ANY CHANGES TO MGE'S EXISTING RATE

7 CLASSES?

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.

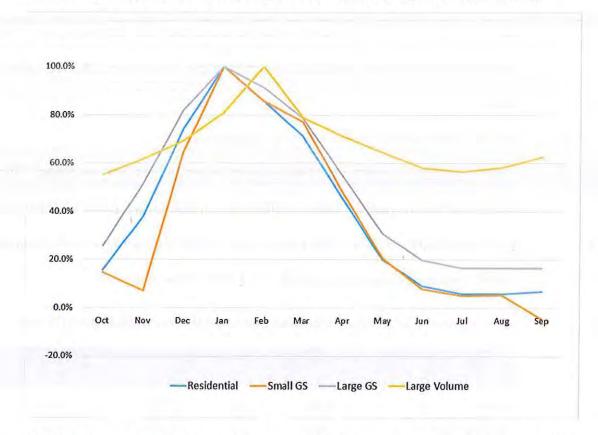
Figure 5: Test Year Customers and Annual Usage (MGE Rate Classes)

Test Year Customers and Usage	Number of Customers	% of Customers	Annual Use	% of Use	Use per Customer
customers and osage	Costoniers	Customers	use.	Osia	customer
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.

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III. ALLOCATED COST OF SERVICE STUDY

- 9 Q. PLEASE DESCRIBE THE PURPOSE OF AN ALLOCATED COST OF SERVICE
 10 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 O. PLEASE DESCRIBE THE APPROACH USED TO DEVELOP THE COSS.

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7 A. The approach used to develop the COSS in this testimony consisted of three steps: (1)
8 functionalization, or cost assignment into functional categories, largely related to
9 production, transmission and distribution; (2) classification, or cost assignment according
10 to whether costs are related to serving peak demands, customer service requirements, or
11 energy demands; and (3) allocation, or cost assignment to rate classes consistent with the
12 functionalization and classification steps described above.

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

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

16 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?

20 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?

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.

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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:

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Figure 7: LAC and MGE Customer Classes

Laclede Gas Company	Miss
Residential (RS)	Resid
Small General Service (SGS)	Smal
Large General Service (LGS)	Large
Large Volume Service (LV)	Large
Vehicular Fuel (VF)	
Interruptible (IN)	7
Transportation (TR)	

Missouri Gas Energy
Residential (RS)
Small General Service (SGS)
Large General Service (LGS)
Large Volume Service (LV)

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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.

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

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

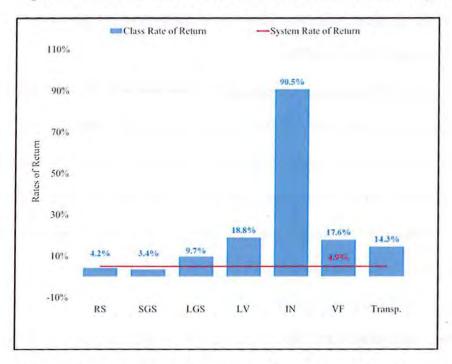


Figure 8 shows that the Residential, and Small General Service customer classes earn a ROR lower than LAC's system ROR. Specifically, the Residential and Small General Service classes earn a ROR of 4.2 percent and 3.4 percent, respectively, all of which are below the system ROR of 4.9 percent. The Large 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 above the system ROR of 4.9 percent.
- It is important to note that the COSS produces a significantly higher rate of return for
- 4 customers in the Interruptible rate class, which is attributable to significantly less
- 5 demand-related costs allocated to the Interruptible rate class because of LAC's ability to
- 6 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
- 8 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
- 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
- the class, at existing rates, is recovering more than its fully allocated share of such costs.
- As discussed below, the results of the COSS were used as a guide to establish revenue
- targets that move LAC's rates in aggregate closer to equalized rates of return and help to
- 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.



Figure 9: LAC Revenue Requirement by Rate Class

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
 11 shows the calculated ROR for each customer class as compared to the overall or system
 12 ROR based on current rates.

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

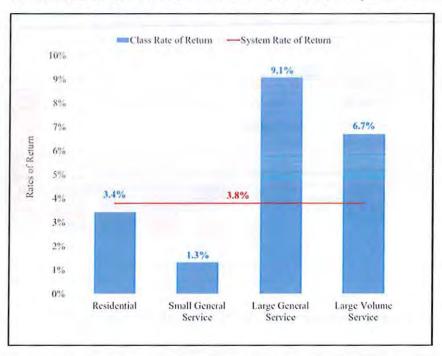
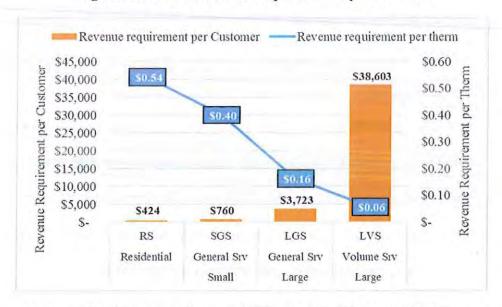


Figure 10 shows that the LGS and LVS rate classes earn a ROR higher than MGE's system ROR. Specifically, the LGS and LVS rate classes earn a ROR of 9.1 percent and 6.7 percent, respectively, all of which are above the system ROR of 3.8 percent. The Residential and SGS rate classes earn a ROR of 3.4 percent 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?

A. 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



A.

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:
8		• Production – costs associated with the gas supply, interstate pipeline
9		transportation capacity, and upstream storage facilities;
10		• Storage – costs associated with on-system storage facilities;
11		• Transmission – costs associated with high pressure facilities that deliver gas to
12		distribution facilities;
13		• Distribution – costs associated with delivering natural gas to customers, including
14		distribution main facilities and services, meters and regulators.
15		Production costs are generally recovered through the PGA while the transmission and
16		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:
20		Customer-related – costs associated with providing customer access to the natural
21		gas system as well as providing on-going customer services, including meter
22		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.

Α.

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.

theoretical main of zero-inch diameter to the customer function, and allocate the remaining costs associated with mains to demand"¹³

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The zero-intercept method as applied to the electric system is described in the NARUC electric manual.¹⁴

"The minimum-intercept method seeks to identify that portion of plant related to a hypothetical no-load or zero-intercept situation....The technique is related to installed cost to current carrying capacity or demand rating, creating a curve for various sizes of the equipment involved, using regression techniques, and extend the curve to a no-load intercept. The cost related to the zero-intercept is the customer component." 15

The classification of distribution mains was based on a regression analysis that measures the relationship between the cost per foot of mains in the system and the size of the mains. The analysis was based on historical cost data of various sizes and compositions of distribution mains, adjusted to current costs utilizing the Handy-Whitman Index of Public Utility Construction Costs ("Handy-Whitman").

Q. HOW WAS THE ESTIMATED COST OF A ZERO-INCH MAIN DETERMINED?

A. The estimated cost of a zero-inch main was determined by using a zero value for the size variable 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 system comprised of zero-inch mains. The customer-related portion of distribution mains was calculated as the ratio of the cost of a zero-inch mains system to the total cost of the mains system.

Q. PLEASE DISCUSS THE RESULTS OF THE ZERO-INCH ANALYSES.

¹³ NARUC Gas Distribution Rate Design Manual. Pg. 22-23

¹⁴ NARUC Electric Utility Cost Allocation Manual. Pg. 92.

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.

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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

Acet.	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 ExpGeneral (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.

A. 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. 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

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.

7 Q. PLEASE DESCRIBE THE PROCESS TO DEVELOP THE DEMAND 8 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.

Q. PLEASE DESCRIBE THE PROCESS USED TO DEVELOP THE SPECIAL 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 reco	ords.							•		

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- 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 literature 18 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.

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.

A.

¹⁸ NARUC Gas Distribution Rate Design Manual. Pg. 26

1 A. The process used to allocate O&M expenses to customer classes is included in Schedules
2 TSL-D5 and TSL-D6. As discussed earlier, special studies were conducted to develop
3 allocators that are based on actual assignment of data to customer classes.

- 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.

A.

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

developing customer and consumption charges based on test year bills and usage. In

First, rates were designed to recover the overall cost of service. This was done by

- addition, rates were designed to be fair and equitable. This was done by setting revenue
- 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
- rate design reduces that deficiency. Another rate design objective is to maintain pricing
- stability by minimizing the impact of changes in rates on customers. This objective was
- considered during both the setting of revenue targets, and again in reviewing the impact
- of proposed rates on customers' bills at various usage levels within customer classes.
- 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
- in Residential and SGS customer charges, as well as elimination of LAC's complicated
- block break structure for both base rates and PGA.
- 20 Q. PLEASE DESCRIBE HOW THE PROPOSED RATE DESIGN INCREASES
- 21 CONSISTENCY BETWEEN LAC AND MGE RATE STRUCTURES.
- 22 A. The proposed rate design increases consistency between LAC and MGE's rate structures
- in the following ways:

 Similarity in residential cu 	ustomer charges;
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- Similarity in residential consumption charges (\$ per therm for all customer
 usage);
- Consistent treatment of landlords; and

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- Similarity in General Service classifications.
- In addition, the Company proposes to assess MGE consumption on a "per therm" basis rather than the current "per cef" 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 requirement to be recovered from base rates. The next step was to set revenue targets for each rate class based on the results of the COSS, as shown on Schedule TSL-D10. Rates within each customer class were then designed to recover the revenue requirements based on test year customer and usage data.

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

To determine the total revenue requirement for each operating unit, I relied on information from the overall cost of service presented in the testimony and accounting schedules of Laclede witness Noack. As shown on Schedule TSL-D5, LAC's total revenue requirement was then reduced by revenues related to the Street Lighting and Propane customer classes and other revenues to calculate revenue requirements. Schedule 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.
- 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.
- Q. IN GENERAL, HOW DID YOU DETERMINE THE APPROPRIATE RATE
 DESIGN WITHIN EACH RATE CLASS?
- A. The proposed rates were designed to recover 100 percent of the proposed revenue 10 11 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 12 13 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 14 15 earlier, the customer charges were designed to be meaningfully lower in alignment with 16 the Company's RSM proposal. The charges were also designed to increase consistency 17 between LAC's and MGE's Residential and SGS rate classes, respectively. 18 Once customer charge levels were established, the remaining revenue requirement for 19 each class was recovered via the consumption charges, as shown in Schedules TSL-D11 20 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,

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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. LAC RATE DESIGN AND BILL IMPACT ANALYSES

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.

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

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

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.

The rate design process was an iterative process that balanced several rate design

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

considerations, including revenue recovery, fairness, and bill continuity.

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 reflects when the RSM would be implemented.

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

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 invest of systems are customer hills and utility researces.

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.

Interruptible Service

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.

<u>Transportation</u>

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.

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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 The range of annual usage represents a distribution across the rate classes. The proposed 9 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

15 Q. DOES THE COMPANY HAVE ANY CONCERNS RELATED TO THE 16 PROPOSED LAC RATE DESIGN?

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.

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- 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.

1	This involved	evaluating	the o	existing	customer	charges	by	rate	class,	current	ISRS
2	charges, and co	mparing tho	se an	nounts to	the result	s of the (COS	S.			

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.

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A.

Q. HAVE YOU EXAMINED THE IMPACT OF THE PROPOSED CHANGE IN 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.

1 Q. DOES THE COMPANY HAVE ANY CONCERNS RELATED TO THE

PROPOSED MGE RATE DESIGN?

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A.

Yes. The Company has two concerns. The first concern is related to the impact of A. 3 weather on customer bills and utility revenues. As discussed earlier, the proposed rate 4 design assumes adoption of the RSM, which addresses the Company's concerns related 5 to the impact of weather on customer bills and utility revenues. To the extent that the 6 RSM is not adopted, then the Company would need to revise the proposed rate design in 7 a manner that mitigates the impact of weather on customer bills and utility revenues, 8 consistent with the current rate design. Such revision would include higher customer 10 charges. The Company believes that the proposed RSM or some form of revenue 11 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

1		recognizes the potential customer impacts associated with each of these solutions as well
2		as other alternatives. Rather than make a specific proposal in this filing, the Company
3		proposes to establish a process with the parties in this proceeding on approaches that
4		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
8		because it:
9		• Stabilizes the non-gas portion of customer bills, minimizing variations with
10		weather and/or other changes in use;
11		• Provides the Company with a more stable stream of revenues and helps prevent
12		an over-collection and under-collection of costs as actual use varies from test year
13		use due to weather and/other changes in customer use;
14		Helps ensure recovery of fixed costs;
15		 Addresses the relative large bills paid by low-use customers;
16		• Eliminates the Company's financial disincentive to promote energy efficiency
17		measures; and
18		• Simplifies the PGA rate by eliminating the head block/ tail block rate design,
19		helping to reduce the over/ under collection of gas costs based on variations in
20		usage.

DOES THIS COMPLETE YOUR DIRECT TESTIMONY?

Q.

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.

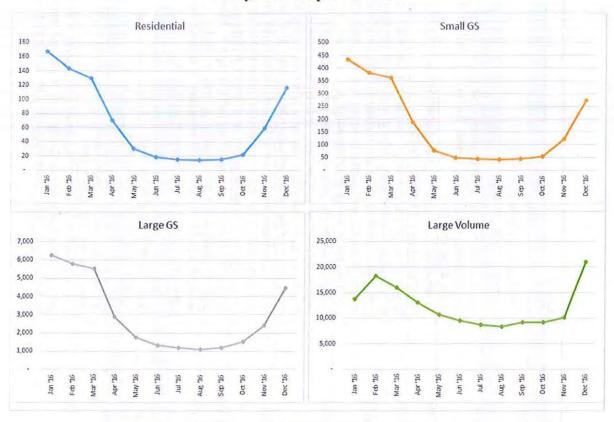
Sponsor	Date	Docket No.	Subject					
Regulatory Commission of Alaska								
ENSTAR Natural Gas Company	06/16	Docket No. U-16-066	Adopted testimony and sponsored lead-lag study.					
Connecticut Public Utilities Regulator	y Authority	/						
Yankee Gas Company		Docket No. 13-06-02	Sponsored report and 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 general rate case proceeding. The testimony includes proposal for new comm classes.					
Maine Public Utilities Commission								
Northern Utilities, Inc. d/b/a Unitil Gas 06/15 Limited		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	nission							
Liberty Utilities d/b/a Granite State Electric Company	04/16	Docket No. DE 16-383	Adopted testimony and sponsored lead-lag study.					

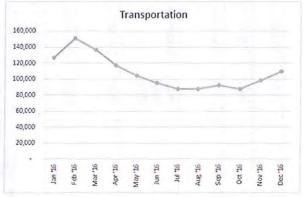
Sponsor	nsor Date Docket No.		Subject
New Jersey Board of Public Utilities			
Pivotal Utility Holdings, Inc. d/b/a Elizabethtown Gas Company	8/16	GR16090826	Sponsored testimony for lead-lag study
Rhode Island Public Utilities Commis	sion		
Providence Gas Company	01/96	Docket No. 2076	Sponsored testimony 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; Missouri Gas Energy Case No. GR-2017-0215; GR-2017-0216 Schedule TSL-D2 Page 1 of 2

LACLEDE GAS COMPANY

Analysis of Use per Customer

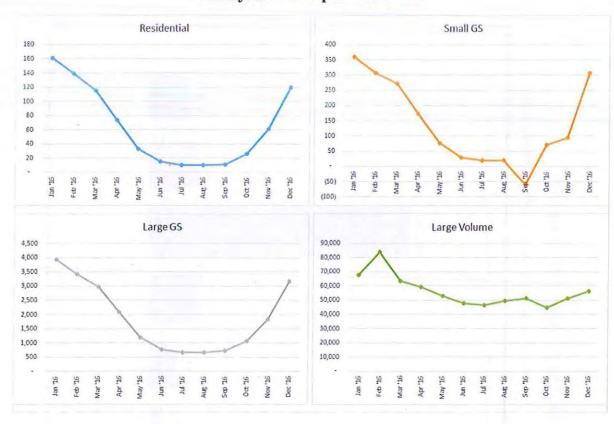




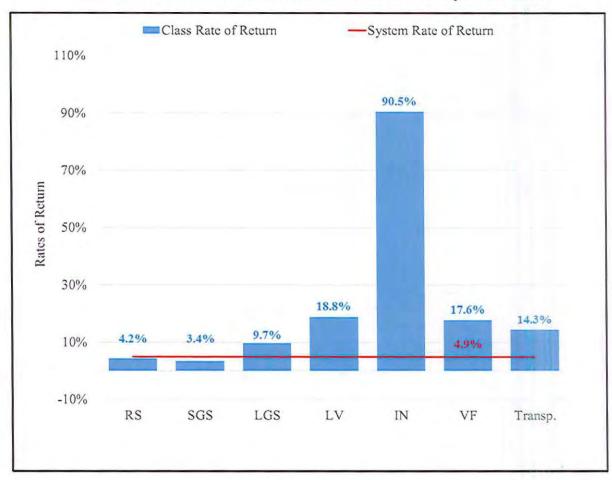
Laclede Gas Company; Missouri Gas Energy Case No. GR-2017-0215; GR-2017-0216 Schedule TSL-D2 Page 2 of 2

MISSOURI GAS ENERGY

Analysis of Use per Customer



COSS Results (Laclede Gas Company)

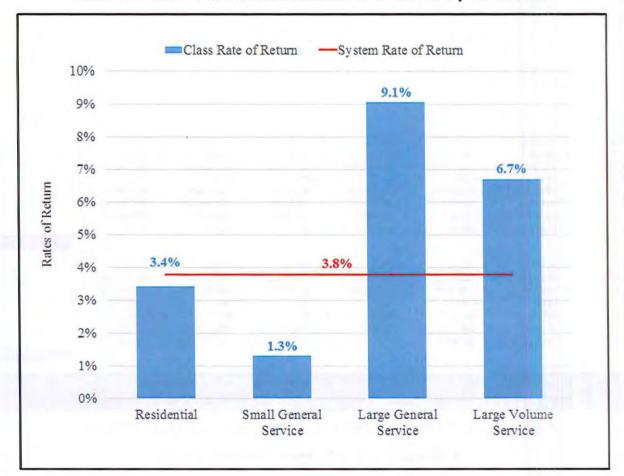


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COSS Results (Laclede Gas Company)

Ladede Gas Company				Small		Large		Large				Vehicular		
COSS Summary	Total	Residential		General Srv		General Srv		Volume		Interruptible		Fuel		Transportation
	Company	RS		SGS		LGS		LV		1N		VF		Transp.
Current Delivery Service Rates									-					
Rate base	1,231,687,251	1,009,181,043	1	00,315,016		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%	á	3.42%		9.73%		18.77%		90.54%		17.63%		14.27%
Relative rate of return	100%	869	6	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%	7.7009	6	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%	22.59	6	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	S	0.0914	S	(0.0195)	S	(0.0696)	S	(0.0983)	S	(0.0188)	S	(0.0212)

COSS Results (Missouri Gas Energy)



Laclede Gas Company, Missouri Gas Energy Case No. GR-2017-0215; GR-2017-0216 Schedule TSL-D3 Page 4 of 4

COSS Results (Missouri Gas Energy)

Missouri Gas Energy	****		Was also seed of		Small		Large	Large
COSS Summary	Total		Residential		General Srv		General Srv	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 Installations¹ 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	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.
	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		

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

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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.			

There are no Production and Storage Expenses for MGE
 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 [LAC Only]	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.		
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)	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.			
	Cost of Service: Payroll Taxes		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	1	
	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.

For LAC, the meter allocator (C3_meters) also includes costs of meter installation as Account 381 meters includes Account 382 meter installations.
 MGE only as LAC Account 382 is included in Account 381

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Allocator	Allocation of:	Allocator Derivation	Rationale
C7_metregcus9	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.

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_inteus [For MGE: C14_inteus]	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 taker in the prior cost of service study.

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.

D4_nonTranspSales allocator is derived for LAC only as MGE does not have any Production and Storage expenses
 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.

A	С	D		E	F	G	Н	1	J
1 Laclede Gas Company			-	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%	i	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	ements	1						
25 Rate Class	Class ROR	Overall ROR	3						
26									
27 RS	4.17%	4.86%							
28 SGS	3.42%	4.86%	6						
29 LGS	9.73%	4.86%							
30 LV	18.77%	4.86%	6						
31 IN	90.54%	4.86%							
32 VF	17.63%	4.86%	6						
33 Transp.	14.27%	4.86%	6						
34									

	A		C		D		E		F		G		Н		1		J
35	Laclede Gas Company						Small		Large		targe				Vehicular		
36	COSS Summary		Total		Residential		General Srv		General Srv		Volume		Interruptible		Fuel		ransportation
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%
42	EROR Revenues	\$		\$	320,687,969	\$	33,202,907	\$	22,298,766	\$	1,100,510	\$	245,752	\$		\$	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
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 52	Less: Other Revenues	_	5,217,736	_	4,147,489	_	413,720	_	394,210	-	28,534	-	14,966	_	2,784	_	216,033
53 54	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
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	s	316,496,941	s	32,784,844	s	21.900.417	5	1,071,676	5	230,629	s	112,984	s	9,532,506

A	ВС	D	E	F	G	H)
Laclede Gas Company			5mall	Large	Large	(A)	Vehicular	
Development of Rate of Return	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation
	Company	R.S	SGS	LGS		IN		Transp.
Rate Base	ľ.							
Gas Plant in Service								
- Demand	558,139,389	366,846,965	56,921,641	80,232,395	4,145,443	5,745	380,002	49,607,198
- 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
- Commodity	- C							
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
less: Depreciation & Amortization								
- Demand	(201,624,995)	(134,365,751)	(20,875,323)	(29,226,594)	(1,439,549)	(5,102)	(119,950)	(15,592,726)
- Customer	(463,727,884)	(419,164,448)	(29,931,094)	(11,719,765)	(547,179)	(262,375)	(65,677)	(2,037,347)
- Commodity					-	•	•	
Total	(665,352,880)	(553,530,199)	(50,806,417)	(40,946,358)	(1,986,729)	(267,477)	(185,627)	(17,630,073)
Add: CWIP							San S	2000
- Demand	10,508,959	6,841,292	1,060,578	1,501,974	80,124	•	7,774	1,017,217
- Customer	23,395,719	21,116,092	1,556,918	579,222	26,285	12,864	3,199	101,139
- Commodity		*				*	*	
Total	33,904,678	27,957,384	2,617,496	2,081,196	106,409	12,864	10,973	1,118,356
Net Utility Plant in Service								
- Demand	257 022 252	220 222 505	27 405 005	50 507 775	2 705 040	***	257.025	25 024 500
- Customer	367,023,353	239,322,505	37,106,896	52,507,775	2,786,018	643	267,826 107,425	35,031,689 3,435,364
- Commodity	802,233,557	723,444,501	54,315,014	19,622,425	875,103	433,726	107,425	3,433,304
Total	1,169,256,909	962,767,006	91,421,910	72,130,200	3,661,121	434,369	375,251	38,467,053
1000	1,105,250,505	302,707,000	31,421,310	72,230,200	5,001,121	434,303	3/3,232	38,407,033
Additions to Rate Base								
- Demand	104,755,546	73,853,675	11,531,399	15,717,723	620,834	9,287	24,341	2,998,288
- Customer	168,354,706	146,669,087	14,528,720	5,511,235	264,470	144,794	33,095	1,203,305
- Commodity	1,552,069	777,605	123,555	210,288	15.945	11,194	5.039	408,443
Total	274,662,320	221,300,367	26,183,674	21,439,246	901,249	165,274	62,474	4,610,035
1	2003	- American Control	- Salarotot :		G. T. C.	2000		a perception
Reductions to Rate Base								
- Demand	(64,437,632)	(42,350,756)	(6,571,307)	(9,262,628)	(478,658)	(660)	(43,890)	(5,729,733
- Customer	(147,794,346)	(132,535,574)	(10,719,252)	(3,661,060)	(162,803)	(78,558)	(19,546)	(617,544
- Commodity								
Total	(212,231,978)	(174,886,330)	(17,290,568)	(12,923,687)	(641,461)	(79,218)	(63,436)	(6,347,277
Rate Base								
- Demand	407,341,266	270,825,424	42,066,988	58,962,871	2,928,194	9,270	248,276	32,300,243
- Customer	822,793,916	737,578,014	58,124,472	21,472,600	976,770	499,962	120,973	4,021,125
- Commodity	1,552,069	777,605	123,555	210,288	15,945	11,194	5,039	408,443
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

A	ВС		D	E	F	G	Н	1	J
1 Laclede Gas Company				Small	Large	Large		Vehicular	
2 Development of Rate of Return		Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation
3 Plant Section 10 Sec		ompany	RS RS	SGS	LG5	LV	IN	VF	Transp.
4									
48 Return Calculation									
49 Customer sales	324	072,654	257,599,794	25,696,089	24,484,344	1,772,234	929,531	172,904	13,417,758
50 Add: Street Lamps, LPG		54,773	43,538	4,343	4,138	300	157	29	2,268
51 Add: Other revenues	5	217,736	4,147,489	413,720	394,210	28,534	14,966	2,784	216,033
52									
53 Total	329	,345,163	261,747,283	26,109,809	24,878,554	1,800,768	944,497	175,688	13,633,791
54									
55 less:									
0&M Expense									
57 - Demand	29	,183,408	19,405,225	3,014,223	4,224,618	209,714	668	17,766	2,311,194
58 - Customer		,861,435	129,256,272	13,678,297	5,260,167	258,258	143,825	32,212	1,232,403
59 - Commodity		.777,315	890,456	141,487	240,806	18,259	12,818	5,770	467,719
60 Total		,822,158	149,551,953	16,834,007	9,725,592	486,231	157,311	55,748	4,011,316
51									
Depreciation and Amortization Expense									
63 - Demand	12	,026,210	7,897,731	1,225,351	1,727,881	89,533	113	8,251	1,077,351
64 - Customer		,843,652	38,746,206	2,784,578	1,059,037	47,322	22,724	5,758	178,027
- Commodity	-		-			•		*	
56 Total	54	,869,862	45,643,937	4,009,929	2,786,918	136,854	22,836	14,009	1,255,378
67	-	,,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-//				***************************************
58 Taxes other than income									
69 - Demand	-	,036,126	3,972,508	516,466	868,371	44,670	71	4,061	529,979
70 - Customer		,835,187	14,151,541	1,140,186	428,803	19,906	10,146	2,441	82,164
71 - Commodity		42,200	21,142	3,359	5,718	434	304	137	11,105
72 Taxes other than income	21	,913,512	18,145,191	1,760,012	1,302,892	65,009	10,521	6,639	623,248
73		,,				0.50	7.000		2.00
74 Interest on customer deposits		114,944	80,593	31,164	3,130	57		14	
75						-			
76 Income taxes	11	,713,656	5,253,336	50,180	3,214,039	376,993	282,777	33,332	2,502,999
77 Total Operating Expenses	269	,434,132	219,675,010	22,685,291	17,032,571	1,065,146	473,445	109,728	8,392,94
78		, 10 1,202	225,075,020	22,000,232	,,,			2200	
79 Net Operating Income	50	,911,031	42,072,273	3,424,518	7,845,983	735,622	471,052	65,960	5,240,849
80	5.	,511,051	42,012,213	3,424,510	7,043,303	755,022	471,002	03,500	2,2,10,01.
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	2.93
84		1.000	0.037	0,702	2,000	3.037	10.000	5,015	4133

A	В	C	D	E	F	G	Н		1
1 Laciede Gas Company				5mall	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 10		1,169,256,909	962,767,006	91,421,910	72,130,200	3,661,121	434,369	375,251	38,467,053
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 19		274,662,320	221,300,367	26,183,674	21,439,246	901,249	165,274	62,474	4,610,035
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		(4,354,823)	(3,053,380)	(1,180,682)	(118,588)	(2,173)			
23 Customer Advances		(1,020,828)	(859,643)	(72,067)	(54,487)	(2,714)	(71)	(266)	(31,581
24 Total 25		(212,231,978)	(174,886,330)	(17,290,568)	(12,923,687)	(641,461)	(79,218)	(63,436)	(6,347,277
26 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
28 Return Calculation 29 Delivery Revenues				424444	41111111				
		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 31 Add: Other revenues		54,773 5,217,736	43,538 4,147,489	4,343 413,720	4,138 394,210	300 28,534	157 14,966	29 2,784	2,268
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		323,343,103	201,/90,021	20,114,152	24,662,692	1,801,067	344,034	1/3,/1/	13,636,036
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		14000 400 31	55,009	10,521	6,639	023,248
39 Income taxes		11,713,656	5,253,336	31,154 50,180	3,130 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	8,392,94
41 42 Net Operating Income		59,911,031	42,115,812	3,428,861	7,850,121	735,922	471,209	65,989	5,243,11
44 Rate of return		4.864%	4.173%	3.418%	9.734%	18.769%	90.543%	17.631%	14.275
45 Relative rate of return		1.000	0.858	0.703	2.001	3.859	18.614	3.625	2.93

	A	В		C		D		E		F		G		Н		1		J
1 Laclede Gas Co								Small		Large		Lorge				Vehicular		
2 Summary of R				Total		Residential		General Srv		General Srv		Volume		interruptible		Fuel		Transportation
3				Company		RS		SGS		LGS		LV		IN		VF		Transp.
4																		
46																		
47 Derivation of I	Required Revenues																	
48 Net Income aff	er taxes	₹.	\$	94,839,918	\$	77,706,940	\$	7,724,256	\$	6,209,723	\$	301,910	\$	40,073	\$		\$	2,828,195
49 Add: Income 1	axes		-	34,842,112		28,547,831	_	2,837,723	_	2,281,317	_	110,915	_	14,722	-	10,588	-	1,039,017
	fore taxes & Interest		\$	129,682,031	\$	106,254,771	\$	10,561,979	\$	8,491,040	\$	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		486,231		157,311		55,748		4,011,316
53 Add: Deprecia	tion			54,869,862		46,643,937		4,009,929		2,786,918		136,854		22,836		14,009		1,255,378
	ner than income			21,913,512		18,145,191		1,760,012		1,302,892		65,009		10,521		6,639		623,248
	on customer deposits		-	114,944		80,593	_	31,164	_	3,130	_	57	_	200000	_	2000	-	1500000000
56 Net Revenue F	equirement			386,037,507		319,558,035		33,085,918		22,220,197		1,096,632		244,886		115,389		9,716,450
57	12.000000000000000000000000000000000000							****		70.550		3,878		866		408		34,357
	True-up Estimate		_	1,365,000		1,129,934	-	116,989	_	78,569	_		_		-		_	
59 Total Revenue	Requirement		\$	387,402,507	\$	320,687,969	\$	33,202,907	\$	22,298,766	\$	1,100,510	\$	245,752	\$	115,797	\$	9,750,807
60																		
61 Demand-Rela	red				7			112725		65 3 37 734		0000 801		1		242.224		22 222 24
62 Rate Base			\$	407,341,266	\$	270,825,424	\$	42,066,988	\$	58,962,871	\$	2,928,194	\$	9,270 714	\$	248,276 19,117	\$	32,300,24 2,487,11
63 Net Income af				31,365,277 11,522,917		20,853,558 7,661,141		3,239,158 1,189,996		4,540,141 1,667,949		225,471 82,833		262		7,023		913,71
64 Add: Income			-		-		-		_		-		-	976	-	26,141		3,400,83
	efore taxes & interest		\$	42,888,195	\$	28,514,699	5	4,429,154	\$	6,208,090	\$	308,304	>	976	>	20,141	2	3,400,63
66								0.044.000		4 224 540		209,714		668		17,766		2,311,194
67 Add: O&M	. Vice			29,183,408		19,405,225		3,014,223		4,224,618		89,533		113		8,251		1,077,35
68 Add: Depreci				12,026,210		7,897,731		1,225,351		1,727,881		44,670		71		4,061		529,979
	her than income			6,036,126		3,972,508		616,466		868,371		44,670		/-		4,002		525,575
70 71			_				_		_		_		_					
the state of the state of	ALT BOTTOM TO		\$	90,133,939	à	59,790,162		9,285,195	•	13,028,960	ė	652,220		1,827	\$	56,218	4	7,319,350
73 Required Den	and Revenues		>	90,133,939	\$	39,790,162	3	9,203,193	3	13,028,300	2	032,220	7	1,027	-	50,220		7,525,55
74								Small		Large	-	Large	-			Vehicular		1
75				Total		Residential		General Srv		General Srv		Volume		Interruptible		Fuel		Transportation
76				Company		RS		SGS		LGS		I.V		IN		VP		Transp
77			-															
	d Customer Costs																	
79 Rate Base	o canonic coso		\$	822,793,916	\$	737,578,014	Ś	58,124,472	S	21,472,600	S	976,770	\$	499,962	\$	120,973	\$	4,021,12
80 Net Income a	fter taver			63,355,132	*	56,793,507		4,475,584		1,653,390		75,211		38,497		9,315		309,62
81 Add: Income				23,275,290		20,864,693		1,644,232		607,419		27,631	_	14,143		3,422	_	113,75
	efore taxes & Interest		S	86,630,422	\$	77,658,200	s	6,119,816	Ś	2,260,810	\$	102,842	\$	52,640	\$	12,737	\$	423,37
83	are a miles				•	***********		24111145574										
84 Add: O&M				149,861,435		129,256,272		13,678,297		5,260,167		258,258		143,825		32,212		1,232,40
85 Add: Deprec	ation			42,843,652		38,746,206		2,784,578		1,059,037		47,322		22,724		5,758		178,02
The second state of the second	ther than income			15,835,187		14,151,541		1,140,186		428,803		19,906		10,146		2,441		82,16
87 Add: Interes				114,944		80,593		31,164		3,130		57						-
88	20027																	
89 Required Cus	tomer Revenues		\$	295,285,639	\$	259,892,812	\$	23,754,041	\$	9,011,947	\$	428,385	\$	229,335	\$	53,148	\$	1,915,97
90																		
91 Number of C	ustomers			646,634		605,635	_	37,040	_	3,720		68	_	21	_	8	_	14
92 Monthly cost	per customer		\$	38.05	\$	35.76	\$	53,44	\$	201.86	\$	523.70	\$	921.02	\$	559.45	\$	1,127.0
93	North Statement		7-															
94 Required Tot	al Revenues			385,419,578		319,682,974		33,039,236		22,040,907		1,080,606		231,162		109,367		9,235,32
95																		

	A	В		С	D	E		F	G	н			J
1	Laclede Gas Company					Small		Large	Large			Vehicular	
2	Summary of Rate of Return			Total	Residential	General Srv		General Srv	Volume	Interrupt	ble	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	Interrupt	ible	Fuel	Transportation
98				Company	RS	565		LGS	tV		IN	VF	Transp.
99													
100	Basic Customer Costs												
101	Plant												
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	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			645,762,615	598,777,948	36,440,892		9,548,972	313,408	82,	862	33,343	565,191
107	381 - Meters			129,541,012	108,212,959	15,325,374		4,754,757	157,061	104,	954	23,407	962,499
108	383 - House Regulators			25,568,099	18,642,965	2,414,255		3,346,994	248,925	109,	135	25,220	780,606
109	385 - Commercial & Ind Meas & Reg Eq			14,480,417		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													
112	Accumulated Depreciation						12						
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)	(163)
115	376.3 - Mains - Plastic			(29,657,825)	(27,777,401)	(1,698,852))	(170,633)	(3,126)	952)	(363)	(6,498)
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		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)	(336,821
120	385 - Commercial & Ind Meas & Reg Eq			(5,778,276)		(1,199,883	2.0	(3,241,716)	(199,534		100	(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				AGGIST STATES		***************************************		***************************************					
123	Net income before taxes & interest												
124	Net Plant			710,159,332	640,145,150	48,241,270	F	17,452,686	777,541	386	,090	95,554	3,061,041
125	Net Income after taxes			54,682,269 \$				DOM: INCOME.	\$ 59,871		729 5	2.75	
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													
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	879 - Customer Installation Expenses			2,371,255	1,666,490	267,306		316,645	18,032		,157	2,436	89,188
134	880 - Other Expenses			1,676,190	1,274,110	221,373	3	134,471	7,062		,078	898	34,198
135	902 - Meter reading expense			8,680,331	8,129,963	497,224		49,941	919		279	106	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	10		3	1	22
138	913 - Advertising			138,699	129,905	7,945		798	15		4	2	30
139					-	.,545			-				
140	Total		100	53,741,378	45,763,047	5,062,938	-	2,196,543	110,907	69	,392	14,069	530,481
141				20,1-12,0	10,, 00,047	5,002,000		2,220,343	220,507	0.	,	2-,005	220,402

	A	В	С	D	E	F	G	Н	1		J
_	Laclede Gas Company Summary of Rate of Return		Total Company	Residential RS	Small General Srv SGS	Large General Srv LGS	Large Volume LV	interruptible IN	Vehicula Fuc V		Transportation Transp.
4 142	Depreciation Expense										
143	380.1 - Services - Steel		2,025,626	1,878,245	114,308	29,953	983	260	10		1,773
144	380.2 - Services - Plastic		24,216,098	22,454,173	1,366,533	358,086	11,753	3,107	1,25		21,195
145	381 - Meters		3,070,122	2,564,647	363,211	112,688	3,722	2,487	55		22,811
146 147	383 - House Regulators 385 - Commercial & Ind Meas & Reg Eq		511,362 470,614	372,859	48,285 97,725	66,940 264,023	4,978 16,251	2,183 10,057	50 2,17		15,612 80,384
	Total		30,293,821	27,269,924	1,990,062	831,690	37,688	18,094	4,58	8	141,775
149 150 151		_	158,806,538 646,634	\$ 140,432,648 605,635	\$ 12,132,233 37,040	\$ 4,865,794 3,720	\$ 230,461 68	\$ 122,136 21	\$ 28,71	8 \$	994,548 142
152 153	- 4 (P) - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	\$	20.47	\$ 19.32	\$ 27.30	\$ 108.99	\$ 281.74	\$ 490.51	\$ 302.3	0 \$	585.03

A	В	C	D	E	F	G	H	1	1	K
Laclede Gas Company				Small	Large	Large		Vehicular	100000	
Allocation of Gross Plant	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classificatio
	Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
Intangible Plant		1222							_	1
301 - Organization Costs		2,501								NINTPLT
- Demand	Plant Nonint_D	775	505	78	111	6	0	1	74	31%
- Customer	Plant Nonint_C	1,726	1,558	115	43	2	1	0	7	69%
- Commodity		2504		*	***	•			•	0%
Total		2,501	2,063	193	154	8	1	1	82	
302 - Franchise and Consents		8,484								NINTPLT
- Demand	Plant Nonint_D	2,630	1,714	266	376	20	0	2	252	31%
- Customer	Plant Nonint_C	5,855	5,284	390	145	7	3	1	25	69%
- Commodity	T ILLINGTON IN CO	5,055	5,204	330	245				23	0%
Total		8,484	6,998	655	521	27	3	3	278	070
		78000	7,000	7,57	200				2/0	
303 - Misc. Intangible Plant										
- Demand		•					9			
- Customer										
- Commodity				- 4						
Total							•			
		39.335								
Total Intangible Plant		10,986								
- Demand		3,405	2,219	344	487	26	0	2	327	
- Customer		7,581	6,842	504	188	9	4	1	33	
- Commodity	-	*						-		
Total		10,986	9,061	848	675	34	4	4	360	
Production Plant										
304 - Land & Land Rights-Mfg Gas		119,929								DLM
- Demand	Plant GasInvDem	119,929	87,271	13,663	18,353	625	15	2	- 1	100%
- Customer	Tibile Gasilivoelii	-	57,271	-	10,333	025			(Q)	0%
- Commodity										0%
Total		119,929	87,271	13,663	18,353	625	15	2		
Total 305 - Structures & Improvements-Mfg Gas					24,000	-	-	-		
305 - Structures & Improvements-Míg Gas		1,869,054								DEM
- Demand	Plant GasInvDem	1,869,054	1,360,086	212,930	286,023	9,745	235	36		100%
- Customer - Commodity										0%
- Commodity				4				•	1.	0%
Total		1,869,054	1,360,086	212,930	286,023	9,745	235	36	10	
207. Oak Day Faul		450.045								
307 - Other Power Equipment		159,016	rients.	42.46	444	220		1,23		DEM
- Demand	Plant GasInvDem	159,016	115,713	18,116	24,334	829	20	3	-	100%
- Customer - Commodity		-								0%
		150.015	115.715	10115	24.224		*			0%
Total 311 - Propane Equipment-Gas Ops		159,016	115,713	18,116	24,334	829	20	3		
311 - Propane Equipment-Gas Ops		4,749,845						,	r	DEM
- Demand	Plant GasInvDem	4,749,845	3,456,399	E41 121	726 972	24.764	598	92		100%
- Customer	Plant Gasinvoem	4,749,845	3,456,399	541,121	726,872	24,764	598	92		0%
- Commodity							- 3			0%
										U/8

A	В	C	D	E	F	G	Н	2	1	K
Laclede Gas Company				Small	Large	Large		Vehicular		
Allocation of Gross Plant	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classificatio
	Factor	Company	R5	5G5	LGS	LV	IN	VF	Transpi	Factor
311.1 - Propane Storage Cavern-Gas Ops		4,829,688								DEM
- Demand	Plant GasInvDem	4,829,688	3,514,500	550,217	739,090	25,180	608	93	•	100%
- Customer							4		4.0	0%
- Commodity					- 4		-		3.0	0%
Total		4,829,688	3,514,500	550,217	739,090	- 25,180	608	93		
Total Production Plant		11,727,532								
- Demand		11,727,532	8,533,968	1,336,046	1,794,672	61,143	1,476	227		
- Customer		•	•	*		*	•			
- Commodity Total	-						•			
Total		11,727,532	8,533,968	1,336,046	1,794,672	61,143	1,476	227		
Underground Storage Plant 350.1 - Land		1,201,600							Ī	DEM
			074 200	100 001	102.000	C 3/C	151	23		100%
- Demand - Customer	Plant GasinvDem	1,201,600	874,388	136,891	183,882	6,265	151	23		0%
- Customer					*					0%
- Commodity		1 201 500	074 200	136,891	183,882	6,265	151	23		070
Total 350.2 - Rights of Way		1,201,600	874,388	136,891	103,002	0,203	131	23		
350.2 - Rights of Way		778,418								DEM
- Demand	Plant GasinvDem	778,418	566,444	88,680	119,122	4,058	98	15		100%
- Demand - Customer	Plant Gasinvbern	778,418	300,444	-	115,122	-,030		-		0%
- Commodity								- 1		0%
- Commodity Total	4	778,418	566,444	88,680	119,122	4,058	98	15		
Total		770,410	300,444	00,000		.,,,,,				
351.2 - Compression Station Structure		612,741								DEM
351.2 - Compression Station Structure - Demand	Plant GasInvDem	612,741	445,884	69,806	93,768	3,195	77	12	- 1	100%
- Customer	-	-		2,6		4				0%
- Commodity					14.			4		0%
Total		612,741	445,884	69,806	93,768	3,195	77	12		
351.4 - Other Structures		1,009,838								DEM
- Demand	Plant GasInvDem	1,009,838	734,846	115,045	154,536	5,265	127	20		100%
- Customer					-					0%
- Commodity				¥.		-				0%
Total		1,009,838	734,846	115,045	154,536	5,265	127	20		
352 - Wells										0000
		6,090,514								DEM
- Demand	Plant GasInvDem	6,090,514	4,431,985	693,855	932,035	31,754	767	118		100%
- Customer				-			•			0%
- Commodity						10.00				0%
Total		6,090,514	4,431,985	693,855	932,035	31,754	767	118		
		2.055.422							- 1	DEM
352.1 - Storage Leaseholds & Rights		2,055,422	علىد فعاورو	201.000		11.411	200	40		
- Demand	Plant GasinvDem	2,055,422	1,495,703	234,162	314,542	10,716	259	40	3.4	100%
- Customer					112		•	*	*	0%
- Commodity		* ***	* ***	204.452	754542	10.715	259	40		0%
2 Total 3		2,055,422	1,495,703	234,162	314,542	10,716	259	40		
4 352.2 - Reservoirs		245,023								DEM
			179 200	27,914	37,496	1,277	31	5		100%
	Plant GasInvDem	245,023	178,300	27,914	37,496	1,277	31			0%
Customer								2		0%
OZ - Commodity DB Total		*	170.000	27.011	27.400	1,277	31	5		578
		245,023	178,300	27,914	37,496	1,211	21	3	-	

A	В	C	D	E	F	G	Н	1	J	K
Laclede Gas Company				Small	Large	Large		Vehicular		1
Allocation of Gross Plant	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
The state of the s	Factor	Company	R5	565	LGS	-tv	IN	VF	Transp.	Factor
352.3 - Non-Recoverable Natural Gas		6,503,628								DEM
- Demand	Plant GasinvDern	6,503,628	4,732,603	740,919	995,254	33,908	819	126		100%
- Customer		-								0%
- Commodity		*	0 000 000			*	-			0%
Total		6,503,628	4,732,603	740,919	995,254	33,908	819	126		
352.4 - Welis - Oil & Vent Gas		1,932,818								DEM
- Demand	Plant GasinvDem	1,932,818	1,406,486	220,194	295,780	10,077	243	37		100%
- Customer	r idire dusinvoeni	1,552,616	1,400,400	-	255,700	20,077	-7-		21	0%
- Commodity			-							0%
Total		1,932,818	1,406,486	220,194	295,780	10,077	243	37		
						0.0431.0				
353 - Lines		2,876,382								DEM
- Demand	Plant GasInvDem	2,876,382	2,093,105	327,689	440,175	14,996	362	56		100%
- Customer										0%
- Commodity		*							*	0%
Total		2,876,382	2,093,105	327,689	440,175	14,996	362	56	•	
354 - Compressor Station Equipment		2,747,710								DEM
- Demand			4 000 475	242.020	***	14 225	246	53		100%
- Customer	Plant GasInvDem	2,747,710	1,999,472	313,030	420,484	14,326	346	33		0%
- Commodity										0%
Total		2,747,710	1,999,472	313,030	420,484	14,326	346	53	-	0,0
			4			F. 197.				
355 - Measuring & Regulating Equipment		2,247,516								DEM
- Demand	Plant GasinvDem	2,247,516	1,635,488	256,046	343,939	11,718	283	43		100%
- Customer										0%
- Commodity										0%
Total		2,247,516	1,635,488	256,046	343,939	11,718	283	43		
255 Buildentles Ferriesses		222.242								DELA
356 - Purification Equipment		233,042	nata March	4.7	0.000	12/20	Sec			DEM
- Demand	Plant GasinvDem	233,042	169,582	26,549	35,663	1,215	29	5	-	100%
- Customer			•	-						0%
- Commodity Total		233,042	169,582	26,549	35,663	1,215	29	5		0%
Total		233,042	109,582	20,349	33,003	1,215	23	5		
357 - Other Equipment		66,896						1.2	Г	DEM
- Demand	Plant GasinvDem	66,896	48,679	7,621	10,237	349	8	1	- 1	100%
- Customer - Commodity			-	-	-		*	1.		0%
- Commodity	1									0%
Total		66,896	48,679	7,621	10,237	349	8	1		
Total Underground Storage Plant		28,601,549			1.000	22412441	1000	422		
- Demand		28,601,549	20,812,964	3,258,400	4,376,913	149,119	3,600	553	-	
- Customer - Commodity		-								
	-	00 504 545	20.012.05	2 252 402	4 275 042	140.110		553		
Total		28,601,549	20,812,964	3,258,400	4,376,913	149,119	3,600	553		

A	В	C	D	E	F	G	H		J	K
aclede Gas Company				Small	Large	Large		Vehicular		The State of
Allocation of Gross Plant	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
	Factor	Company	RS.	5GS	LGS	LV	IN	VF	Transp.	Factor
Other Storage Equipment										
60 - Land & Land Rights		50,654								DEM
- Demand	Plant GasinvDem	50,654	36,860	5,771	7,752	264	6	1		100%
- Customer	Plant GasinvDelli	30,034	30,000	3,771	7,732	204				0%
- Commodity										0%
otal		50,654	36,860	5,771	7,752	264	6	1		
									_	
61 - Structures & Improvements		107,233								DEM
- Demand	Plant GasinvDem	107,233	78,032	12,216	16,410	559	13	2		100%
- Customer		•		•		•		~		0%
- Commodity				10.000				-		0%
fotal		107,233	78,032	12,216	16,410	559	13	2		
362 - Gas Holders		659,027								DEM
- Demand	Plant GasinvDem	659,027	479,565	75,079	100,851	3,436	83	13		100%
- Customer	i in it dominatelli	555,027	479,303	-	100,851	5,430	-			0%
- Commodity			4							0%
Total		659,027	479,565	75,079	100,851	3,436	.83	13		
									1/2	
363.3 - Compressor Equipment		338,616								DEM
- Demand	Plant GasinvDem	338,616	246,406	38,576	51,819	1,765	43	7	*	100%
- Customer					•	*				0%
- Commodity		-	245.405	20.575	-	. 200			-	0%
Total		338,616	246,406	38,576	51,819	1,765	43	7		
Total Other Storage Equipment		1,155,529								
- Demand		1,155,529	840,863	131,642	176,831	6,025	145	22		
- Customer		-,,	-	-		-				
- Commodity										
Total	-	1,155,529	840,863	131,642	176,831	6,025	145	22	*	
Transmission Plant									_	
365.2 - Rights-of-Way		41,153	20.27	77.65	205-05	630		95	2232	DEM
- Demand	D2_Demand	41,153	26,790	4,153	5,882	314		30	3,983	100%
- Customer										0%
- Commodity Total		41,153	26,790	4,153	5,882	314		30	3,983	070
		42,200	20,750	7,200	5,002			30	5,505	
367 - Mains		2,013,840							To the state of th	DEM
- Demand	D2_Demand	2,013,840	1,311,002	203,239	287,824	15,354		1,490	194,930	100%
- Customer										0%
- Commodity			•							0%
Total		2,013,840	1,311,002	203,239	287,824	15,354		1,490	194,930	
271 - Other equipment		0.054								DEM
371 - Other equipment	00.0	9,654	6.005	274	4 505	~.		-	024	
- Demand	D2_Demand	9,654	6,285	974	1,380	74		7	934	100%
- Customer - Commodity										0%
Total		9,654	6,285	974	1,380	74		7	934	UA
1530		2,02,	0,200		2,000	4.7				
Total Transmission Plant		2,064,647								
- Demand		2,064,647	1,344,077	208,367	295,086	15,742	20	1,527	199,848	
- Customer		-							-	
- Commodity	_	19				20				
Total		2,064,647	1,344,077	208,367	295,086	15,742		1,527	199,848	

В	C	D	E	F	G	Н	1	J	K
			Small	Large	Large		Vehicular		
Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classificatio
Factor	Company	RS	565	LGS	LV	IN	VF	Transp.	Factor
	2 040 444								DIS376-375
Plant 276 270 D		1 244 660	102.056	272 261	14 577		1 414	105.067	63%
						36			37%
7 min_570-575_C	2,220,433	1,050,547	04,042	0,455				277	0%
	3,040,444	2,301,616	257,598	279,754	14,696	36	1,428	185,314	
									DIS376-37
			928,141	1,314,418				890,195	63%
Plant_376-379_C	5,428,209	5,084,039	310,937	31,231	572	174	66	1,189	37%
	44 504 005				70.004				0%
	14,624,886	11,0/1,040	1,239,078	1,345,649	70,691	1/4	6,870	891,384	
	230,736,646								DISMAIN
D2 Demand		93.222.745	14.451.948	20,466,623	1.091.815		105,932	13.861.093	62%
				Carlot Apolitic	7. 1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.		4.75,5,70%	The Control of the Co	38%
		-	4.74		-				0%
	230,736,646	175,209,075	19,466,191	20,970,254	1,101,043	2,809	107,004	13,880,271	
	40.000.000							_	
			1000						DISMAIN
The state of the s						*			62%
C1_customers	8,177,699	7,659,201	468,433	47,049	862	262	100	1,792	38%
	21 555 524	16 369 112	1 010 541	1 050 051	102.950	262	0.006	1 206 701	0%
	21,333,324	10,300,113	1,010,341	1,939,031	102,860	202	9,990	1,230,701	
	451,903,950							П	DISMAIN
D2_Demand	280,461,373	182,579,263	28,304,531	40,084,433	2,138,349		207,471	27,147,325	62%
C1_customers	171,442,578	160,572,439	9,820,530	986,375	18,073	5,501	2,099	37,560	38%
			and Application			¥			0%
	451,903,950	343,151,703	38,125,061	41,070,808	2,156,422	5,501	209,570	27,184,885	
	12 742 510								DEM
Do Downed	10 to	2 205 000	1 205 002		07.150		0.407	1 222 512	
D2_Demand	12,743,518	6,295,980		1,021,344			9,427	1,233,512	100%
	1.0	2						3	0%
	12,743,518	8,295.980	1,286.093	1,821,344	97.162		9,427	1,233,512	W. rd
		receipters.	Secretor p		20,420		3.4		
	2,844,287								DEM
D2_Demand	2,844,287	1,851,620	287,049	406,515	21,686		2,104	275,313	100%
		•							0%
	2011.007	4 000 000		*****				-	0%
	2,844,287	1,851,620	287,049	406,515	21,686		2,104	2/5,313	
	38,730,897								CUS
									0%
C6 services	38,730.897						2,000	33,898	100%
		23,450,4042		*					0%
	38,730,897	35,912,898	2,185,615	572,719	18,797	4,970	2,000	33,898	
		110000000000000000000000000000000000000	200000			4.00		700	
	645,762,615								CUS
									0%
Control of the Contro									
C6_services	645,762,615	598,777,948	36,440,892	9,548,972	313,408	82,862	33,343	565,191	100%
	Plant_376-379_D Plant_376-379_C Plant_376-379_C Plant_376-379_C D2_Demand C1_customers D2_Demand C1_customers D2_Demand C1_customers	3,040,444 Plant_376-379_D 1,911,945 Plant_376-379_C 1,128,499 3,040,444 Plant_376-379_C 1,128,499 3,040,444 14,624,886 Plant_376-379_D 9,196,678 Plant_376-379_C 5,428,209 14,624,886 230,736,646 D2_Demand 143,200,157 C1_customers 87,536,489 230,736,646 21,555,524 21,555,524 21,555,524 21,555,524 451,903,950 D2_Demand 280,461,373 C1_customers 171,442,578 12,743,518 D2_Demand 12,743,518 D2_Demand 2,844,287 D2_Demand 2,844,287 D2_Demand 2,844,287 C6_services 38,730,897 C6_services 38,730,897	3,040,444 Residential Re	Allocation Factor Total Company Residential General Srv SGS	Allocation Total Residential General Srv General	Allocation Total Residential General Sty General Sty Company	Similar Large La	Allocation Total Residential General Srv General Srv Column Interruptible General Srv Column Company RS Column Company RS Column Company Column Col	Allocation Total Residential General Srv. Ge

A	В	C	D	E	F	G	Н	1	1	K
laciede Gas Company				Small	Large	Large		Vehicular		A 100
Allocation of Gross Plant	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classificatio
	Factor	Company	RS	SGS	LGS	tv	IN	VF	Transp.	Factor
201 Mater		120 541 012								-
381 - Meters		129,541,012								cus
- Demand - Customer	C2	100 541 010	*********		. 254 252	457.004	*****	-	-	0%
- Commodity	C3_meters	129,541,012	108,212,959	15,325,374	4,754,757	157,061	104,954	23,407	962,499	100%
Total		129,541,012	108,212,959	15,325,374	4,754,757	157,061	104,954	23,407	962,499	U%
Total		123,341,012	100,212,333	13,023,374	4,134,131	137,001	104,554	23,407	302,433	
383 - House Regulators		25,568,099								CUS
- Demand			400							0%
- Customer	C5_Regcus	25,568,099	18,642,965	2,414,255	3,346,994	248,925	109,135	25,220	780,606	100%
- Commodity										0%
Total		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		14 490 417							_	2000
		14,480,417								CUS
- Demand	C14 205-11	14 490 417	(1)	3 006 030	0 122 772	-	300 437	66 901	2 472 262	0%
- Customer - Commodity	C14_385cus	14,480,417		3,006,920	8,123,773	500,035	309,437	66,891	2,473,362	100%
Total		14,480,417		3,006,920	8,123,773	500,035	309,437	66,891	2,473,362	0%
		14,400,417		5,000,520	0,123,773	500,055	303,437	00,031	2,475,502	
386 - Other Property - Customer Premises		22,975								CUS
- Demand				+					- 1	0%
- Customer	C1_customers	22,975	21,519	1,316	132	2	1	0	5	100%
- Commodity								-		0%
Total		22,975	21,519	1,316	132	2	1	0	5	
and the second of the second o									_	
387 - Other Equipment		406,070								cus
- Demand	2010		•		100			•	3.0	0%
- Customer	Plant_374-386_C	406,070	366,504	27,023	10,053	456	223	56	1,755	100%
- Commodity		405.070		***	*****	*	-			0%
Total		406,070	366,504	27,023	10,053	456	223	56	1,755	
Total Distribution Plant		1,591,961,341								
- Demand	-	463,735,782	301,890,191	46,800,826	66,278,596	3,535,706		343,049	44,887,414	
- Customer		1,128,225,559	1,018,293,747	75,080,179	27,932,177	1,267,539	620,365	154,268	4,877,283	
- Commodity			-,,,-	-	-		-	-	*	
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	
		A Second Manager Confession		Sales Devoted and	2.45.25.65.05	AND AND BOTH ST	4-500-3			
General Plant									100	
389 - Land		10,089								PTD PLAN
- Demand	PTD_D	3,129	2,057	319	450	23	0	2	278	31%
- Customer	PTD_C	6,960	6,281	463	172	8	4	1	30	69%
- Commodity		*		•			*	• -	•	0%
Total		10,089	8,338	782	622	31	4	3	308	
390 - Structures & Improvements		3,031,255								PID PLAN
- Demand	PTD_D	940,202	617,964	95,886	135,154	6,983	10	640	83,565	31%
- Customer								286		69%
- Commodity	PTD_C	2,091,053	1,887,306	139,154	51,769	2,349	1,150	286	9,040	0%
Total		3,031,255	2,505,270	235,040	186,923	9,332	1,159	926	92,604	076
		2,402,233	AJSOS,ET U	233,040	100,525	2,222	4,443	320	24,004	
391 - Furniture & Fixtures		4,008,541								PTD PLAN
- Demand	PTD_D	1,243,326	817,198	126,800	178,728	9,234	13	847	110,506	31%
- Demand - Customer	PTD_C	2,765,215	2,495,779	184,017	68,460	3,107	1,520	378	11,954	69%
- Commodity				- 4			1			0%
Total		4,008,541	3,312,977	310,817	247,188	12,341	1,533	1,225	122,460	

A	В	c	D	E	F	G	Н	1	J	K
Laclede Gas Company				Small	Large	Large		Vehicular		- 1
Allocation of Gress Plant	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
	Factor	Company	RS	565	LGS			Vi	Transp.	Factor
										20000
391.1 - Data Processing Systems		12,891,697								PTD PLAN
- Demand	PTD_D	3,998,608	2,628,156	407,797	574,799	29,699	41	2,722	355,394	31%
- Customer	PTD_C	8,893,089	8,026,566	591,810	220,172	9,991	4,890	1,216	38,445	69%
- Commodity					-					0%
Total		12,891,697	10,654,722	999,606	794,971	39,690	4,931	3,938	393,839	
			V/40/- 4/30/	2444	0.24.48.				3578673	
391.2 - Mechanical Office Equipment		30,559								PTD PLAN
- Demand	PTD_D	9,479	6,230	967	1,363	70	0	6	842	31%
- Customer	PTD_C	21,081	19,027	1,403	522	24	12	3	91	69%
- Commodity										0%
Total		30,559	25,257	2,370	1,884	94	12	9	934	
Control of the second				940.50	S Part MC					
391.3 - Data Processing Software	A	34,308,318								PTD PLAN
- Demand	PTD_D	10,641,384	6,994,238	1,085,258	1,529,696	79,036	110	7,245	945,801	31%
- Customer	PTD_C	23,666,934	21,360,880	1,574,967	585,937	26,589	13,013	3,236	102,311	69%
- Commodity			4444							0%
Total		34,308,318	28,355,118	2,660,224	2,115,633	105,626	13,123	10,481	1,048,113	
391.4 - Data Processing Systems - Demand										
391.4 - Data Processing Systems		329,979							1	PTD PLAN
- Demand	PTD_D	102,349	67,271	10,438	14,713	760	1	70	9,097	31%
- Customer	PTD_C	227,630	205,450	15,148	5,636	256	125	31	984	69%
- Commodity										0%
Total		329,979	272,721	25,586	20,348	1,016	126	101	10,081	
									-	
- Commodity Total 391.5 - Enterprise Software-EIMS		49,116,594								PTD PLAN
- Demand	PTD_D	15,234,455	10,013,115	1,553,680	2,189,949	113,150	157	10,372	1,354,031	31%
- Customer - Commodity	PTD_C	33,882,138	30,580,737	2,254,759	838,841	38,066	18,630	4,633	146,471	69%
- Commodity						•				0%
Total		49,116,594	40,593,853	3,808,440	3,028,790	151,216	18,787	15,005	1,500,503	
392.1 - Transportation Eq - Automobiles		2 022 251								PTD PLAN
		2,932,261	6300000	50/202	7,000,000	- 224		1272	1000	
	PTD_D	909,497	597,783	92,755	130,740	6,755	9	619	80,836	31%
- Customer	PTD_C	2,022,764	1,825,670	134,609	50,079	2,273	1,112	277	8,744	69%
- Commodity				******	******	0.000		896		0%
Total		2,932,261	2,423,453	227,364	180,819	9,028	1,122	896	89,580	
0 392.2 - Transportation Eq - Trucks		16,547,461								PTD PLA
- Demand	OTO D	5,132,513	2 272 425	523,437	737,797	38,120	53	3,494	456,175	31%
	PTD_D		3,373,435	The second second				1,561	456,175	69%
- Customer - Commodity	PTD_C	11,414,948	10,302,701	759,632	282,607	12,824	6,277	1,561	49,346	0%
- Commodity Total		16,547,461	13,676,136	1,283,070	1,020,404	50,945	6,329	5,055	505,522	0%
Total		10,347,401	13,070,130	1,203,070	1,020,404	30,343	0,525	3,033	303,34.2	
393 - Stores Equipment		332,530								PID PLA
- Demand	PTD_D	103,141	67,791	10,519	14,826	766	1	70	9,167	31%
- Customer	PTD_C	229,390	207,038	15,265	5,679	258	126	31	992	69%
- Commodity	1.0_0	and posts	201,000	20,200	3,013	230	-	-	332	0%
- Commodity Total		332,530	274,829	25,784	20,506	1,024	127	102	10,159	0.70
1		554,050	27-7,023	20,104	20,000	2,024		202	20,200	
394 - Tools, Shop & Garage Equipment		14,615,834							F	PTD PLA
- Demand	PTD_D	4,533,382	2,979,645	462,335	651,673	33,671	47	3,086	402,925	31%
- Customer	PTD_C	10,082,452	9,100,040	670,958	249,618	11,327	5,544	1,379	43,586	69%
- Commodity	1.5_0	20,002,432	5,100,040	0,0,550	243,040	44,041	2,244	2,073	43,300	0%
6 Total		14,615,834	12,079,686	1,133,294	901,290	44,998	5,591	4,465	446,511	376

A	В	C	D	E	F	G	Н	1	J	K
Laclede Gas Company				Small	Large	Large		Vehicular		
Allocation of Gross Plant	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
	Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
395 - Laboratory Equipment		306,723							p	PTD PLANT
- Demand	PTD_D	95,136	62,530	9,702	13,676	707	1	65	8,456	31%
- Customer	PTD_C	211,587	190,970	14,081	5,238	238	116	29	915	69%
- Demand - Customer - Commodity Total 396 - Power Operated Equipment		30000000		SUMME.	- 17.12.					0%
Total		306,723	253,500	23,783	18,914	944	117	94	9,370	
396 - Power Operated Equipment	_	22,349,910								PTD PLANT
- Demand	PTD_D	6,932,254	4,556,347	706,983	996,510	51,488	71	4,720	616,136	31%
- Demand - Customer - Commodity	PTD_C	15,417,656	13,915,394	1,026,001	381,704	17,321	8,478	2,108	66,650	69%
- Commodity Total				200,000	*					0%
Total		22,349,910	18,471,740	1,732,984	1,378,214	68,809	8,549	6,828	682,786	
397.0 - Communication Equipment	_	1,237,715								cus
- Demand				7				4		0%
- Customer	PTD_C	1,237,715	1,117,115	82,366	30,643	1,391	681	169	5,351	100%
- Commodity Total										0%
Total		1,237,715	1,117,115	82,366	30,643	1,391	681	169	5,351	
398 - Miscellaneous Equipment		3,134,059								PTD PLAN
- Demand	PTD_D	972,089	638,922	99,138	139,738	7,220	10	662	86,399	31%
- Customer	PTD_C	2,161,970	1,951,313	143,873	53,525	2,429	1,189	296	9,346	69%
- Commodity	7.10_0	-	411-013-1	275	-					0%
- Customer - Commodity Total		3,134,059	2,590,235	243,011	193,263	9,649	1,199	957	95,745	
Total Total General Plant		165,183,526								
- Demand		50,850,943	33,422,682	5,186,015	7,309,810	377,683	523	34,621	4,519,609	
- Customer		114,332,582	103,192,268	7,608,506	2,830,602	128,450	62,867	15,633	494,256	
- Commodity Total		A STATE OF THE STA	10 4 5 4 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5							
Total		165,183,526	136,614,950	12,794,521	10,140,413	506,133	63,390	50,255	5,013,865	
Total Utility Plant	_	1,800,705,111								
- Demand		558,139,389	366,846,965	56,921,641	80,232,395	4,145,443	5,745	380,002	49,607,198	
- 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	
- Commodity										
2 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	1	1	K
Laclede Gas Company				Small	Large	Large		Vehicular		
Allocation of Accumulated Depreciation	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
	Factor	Company	R5	565	LGS	LV .			Transp.	Factor
Intangible Plant										
301 - Organization Costs										NINTPLT
- Demand	Plant Nonint_D				100		4			31%
- Customer	Plant Nonint_C									69%
- Commodity										0%
Total				*						
302 - Franchise and Consents										NINTPLT
- Demand	Plant Nonint_D								+	31%
- Customer	Plant Nonint_C									69%
- Commodity										0%
Total										
303 - Misc. Intangible Plant										
- Demand			14						¥.	
- Customer										
- Commodity										
Total	_								-	
Total Intangible Plant										
- Demand										
- Customer										
- Commodity										
Total	-	9								
Production Plant										
304 - Land & Land Rights-Mfg Gas										DEM
- Demand	Plant GaslnvDem									100%
- Customer										0%
- Commodity		2								0%
Total										
305 - Structures & Improvements-Mfg Gas		(912,862)							Г	DEM
- Demand	Plant GasinvDem	(912,862)	(664,278)	(103,997)	(139,696)	(4,759)	(115)	(18)	- 1	100%
- Customer	riunt Gusintvoorn	(512,002)	-	(105,557)	(133,030)	(4,755)	(225)	(10)		0%
- Commodity						-				0%
Total		(912,862)	(664,278)	(103,997)	(139,696)	(4,759)	(115)	(18)		0.0
1000		(522,002)	(004,270)	(203,337)	(255,050)	(4,733)	(225)	(20)		
307 - Other Power Equipment		(175,292)							ſ	DEM
- Demand	Plant GasinvDem	(175,292)	(127,558)	(19,970)	(26,825)	(914)	(22)	(3)		100%
- Customer	riant ousnivoein	(173,232)	(127,556)	- (15,570)	(20,023)	(314)	(22)	(3)	2	0%
- Commodity									31	0%
Total		(175,292)	(127,558)	(19,970)	(26,825)	(914)	(22)	(3)		070
Total .		(113,232)	(121,556)	(13,570)	(20,023)	(344)	(2.2.)	(3)		
311 - Propane Equipment-Gas Ops		(3,302,598)							ı	DEM
- Demand	Plant GasinvDem	(3,302,598)	(2,403,256)	(376,245)	(505,399)	(17,219)	(416)	(64)		100%
- Customer	A STATE OF THE STA		(2,403,256)	(3/6,245)	(505,399)	(17,219)	(416)	(64)	5	0%
- Customer - Commodity									0	0%
Total		(2 202 500)	(2.402.257)	/27C 24C\	(coc age)	(17,219)	(416)	(64)		070
Total		(3,302,598)	(2,403,256)	(376,245)	(505,399)	(17,219)	(470)	(64)		

A	В	C	D	E	F	G	Н	1	J	K
Laclede Gas Company				Small	Large	Large		Vehicular		
Allocation of Accumulated Depreciation	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
	Factor	Company	RS.	SGS	LGS	LV	IN	VF	Transp.	Factor
The state of the s		SESSIMATE AND ADDRESS OF THE PARTY OF THE PA								
311.1 - Propane Storage Cavern-Gas Ops		(5,287,916)								DEM
- Demand	Plant GasInvDem	(5,287,916)	(3,847,946)	(602,420)	(809,213)	(27,569)	(666)	(102)		100%
- Customer								-	*	0%
- Commodity Total	•	*	*	*		-		11111		0%
Total		(5,287,916)	(3,847,946)	(602,420)	(809,213)	(27,569)	(666)	(102)	*1	
Total Production Plant		(9,678,669)								
- Demand	-		(7,043,037)	(1,102,632)	(1,481,133)	(50,461)	(1,218)	(187)		
- Demand - Customer		(9,678,669)	(7,043,037)	(1,102,632)	(1,401,133)		(1,210)	(187)		
- Commodity										
Total	_	(9,678,669)	(7,043,037)	(1,102,632)	(1,481,133)	(50,461)	(1,218)	(187)	-	
1000		(5,0,0,005)	(1,045,051)	(1,102,002)	(1,401,135)	(50,401)	(2,220)	(120.)		
Underground Storage Plant										
350.1 - Land										DEM
- Demand	Plant GasInvDem					1.4				100%
- Customer						-				0%
- Commodity Total 350.2 - Rights of Way				4					+)	0%
Total		-		×		0				
		Marie Very							_	
		(772,160)							-	DEM
- Demand - Customer	Plant GasInvDem	(772,160)	(561,891)	(87,968)	(118,164)	(4,026)	(97)	(15)		100%
									* 1	0%
- Commodity			*	******	****		· ·	-	- 1	0%
Total		(772,160)	(561,891)	(87,968)	(118,164)	(4,026)	(97)	(15)	*	
351.2 - Compression Station Structure		(788,268)								DEM
351.2 - Compression Station Structure - Demand	Plant GasinvDem	(788,268)	(573,612)	(89,803)	(120,629)	(4,110)	(99)	(15)		100%
- Customer - Commodity	Figure Gasinvibeni	(700,200)	(373,012)	(05,005)	(120,023)	(4,210)	(33)	(40)		0%
- Commodity										0%
Total		(788,268)	(573,612)	(89,803)	(120,629)	(4,110)	(99)	(15)		
1		103.74-33.34	V	1,			*****			
351.4 - Other Structures		(993,167)								DEM
- Demand - Customer	Plant GasInvDem	(993,167)	(722,714)	(113,145)	(151,985)	(5,178)	(125)	(19)		100%
- Customer	-					1.0				0%
- Commodity								-		0%
Total		(993,167)	(722,714)	(113,145)	(151,985)	(5,178)	(125)	(19)		
352 - Wells		(0.454.000)								6714
		(6,451,938)								DEM
- Demand - Customer	Plant GasInvDem	(6,451,938)	(4,694,989)	(735,030)	(987,344)	(33,638)	(812)	(125)		100%
- Customer - Commodity	*			-					1	0%
- Commodity Total	*	(6,451,938)	(4,694,989)	(735,030)	(987,344)	(33,638)	(812)	(125)	-	078
- Total		(0,431,530)	(4,034,363)	(755,050)	(307,344)	(33,036)	(012)	(123)	-	
352.1 - Storage Leaseholds & Rights		(2,050,552)							T.	DEM
- Demand	Plant GasInvDem	(2,050,552)	(1,492,159)	(233,607)	(313,797)	(10,691)	(258)	(40)		100%
- Customer	r mant Gusmivoeni	(2,050,552)	(1,452,155)	(200,007)	1020,1011	(10,031)	-	(10)		0%
1 - Commodity		-								0%
2 Total		(2,050,552)	(1,492,159)	(233,607)	(313,797)	(10,691)	(258)	(40)		
3		100000000	A	422-42-14	ATTENDED !	A-16-1-16	1000			
4 352.2 - Reservoirs		(203,408)								DEM
- Demand	Plant GasInvDem	(203,408)	(148,018)	(23,173)	(31,128)	(1,061)	(26)	(4)		100%
6 - Customer		+								0%
7 - Commodity							4		9	0%
08 Total		(203,408)	(148,018)	(23,173)	(31,128)	(1,061)	(26)	(4)		

A	В	C	D	E	F	G	Н	1	1	K
Laclede Gas Company				Small	Large	Large		Vehicular		
Allocation of Accumulated Depreciation	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classificatio
	Factor	Company	R5	SGS	LGS	LV	IN.	VF	Transp.	Factor
Marie St. W		and back that								
352.3 - Non-Recoverable Natural Gas		(2,852,233)								DEM
- Demand	Plant GasinvDem	(2,852,233)	(2,075,531)	(324,938)	(436,479)	(14,871)	(359)	(55)		100%
- Customer							•			0%
- Commodity	•	(0.000.000)	/n and saa)	(004.000)	(405 470)	(4.4.074)	(0.50)	ires.	•	0%
Total		(2,852,233)	(2,075,531)	(324,938)	(436,479)	(14,871)	(359)	(55)		
352.4 - Wells - Oil & Vent Gas		(572,923)								DEM
- Demand	Plant GasInvDem	(572,923)	(416,908)	(65,270)	(87,675)	(2,987)	(72)	(11)		100%
- Customer	- iunic dusinivociti	-	(420,500)	,00,2,0,	(0,,0,0)	,,,,,,		-		0%
- Commodity										0%
Total		(572,923)	(416,908)	(65,270)	(87,675)	(2,987)	(72)	(11)		
				4.150.05		***************************************	1,000			
353 - Lines		(2,558,386)								DEM
- Demand	Plant GasInvDem	(2,558,386)	(1,861,703)	(291,461)	(391,511)	(13,339)	(322)	(49)		100%
- Customer	-					-	,			0%
- Commodity	•			-						0%
Total		(2,558,386)	(1,861,703)	(291,461)	(391,511)	(13,339)	(322)	(49)		
354 - Compressor Station Equipment		(2,533,298)							г	DEM
- Demand	Plant GasInvDem	(2,533,298)	(4 042 447)	(200 002)	(387,672)	(13,208)	(319)	(49)		100%
- Customer	Plant Gasinvoem	(2,533,298)	(1,843,447)	(288,603)	(387,672)	(13,208)	(319)	(45)	2.1	0%
- Customer - Commodity										0%
Total		(2,533,298)	(1,843,447)	(288,603)	(387,672)	(13,208)	(319)	(49)	-	
355 - Measuring & Regulating Equipment		1-1-1-1	,-,-,-,	,	,,	1-1-1-1-1	a. a. c.	0.31		
355 - Measuring & Regulating Equipment		(2,209,556)								DEM
- Demand - Customer - Commodity	Plant GasInvDem	(2,209,556)	(1,607,864)	(251,721)	(338,130)	(11,520)	(278)	(43)	9	100%
- Customer	-									0%
- Commodity								-	*	0%
Total		(2,209,556)	(1,607,864)	(251,721)	(338,130)	(11,520)	(278)	(43)		
		(250 500)								DEM
356 - Purification Equipment - Demand		(250,680)					200	(41)		
- Demand	Plant GasInvDem	(250,680)	(182,416)	(28,558)	(38,362)	(1,307)	(32)	(5)		100%
- Customer - Commodity			-		1				3.1	0%
Total		(250,680)	(182,416)	(28,558)	(38,362)	(1,307)	(32)	(5)		070
Total		(230,000)	(102,410)	(20,000)	(30,302)	(2,507)	(52)	1-1		
- Customer - Commodity Total 357 - Other Equipment		(42,803)								DEM
- Demand	Plant GasInvDem	(42,803)	(31,147)	(4,876)	(6,550)	(223)	(5)	(1)		100%
- Customer	100000000000000000000000000000000000000				,					0%
- Commodity				4		(4)	19	41		0%
Total		(42,803)	(31,147)	(4,876)	(6,550)	(223)	(5)	(1)		
		V-2-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-								
Total Underground Storage Plant	_	(22,279,370)					21.00.00			
- Demand		(22,279,370)	(16,212,399)	(2,538,153)	(3,409,426)	(116,157)	(2,804)	(431)		
- Customer										
- Commodity	-			4 500 10C1	to 440 4457	************	(0.007)	4000	-	
Total		(22,279,370)	(16,212,399)	(2,538,153)	(3,409,426)	(116,157)	(2,804)	(431)		

A	В	C	D	E	F	G	Н	1.	j	K
aclede Gas Company				Small	Large	Large		Vehicular		
Allocation of Accumulated Depreciation	Allocation	Total	Residential	General Srv	General Srv	Volume	interruptible	Fuel	Transportation	Classification
	Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
Other Storage Equipment										
360 - Land & Land Rights										DEM
- Demand	Plant GasinvDem									100%
- Customer	- I will dusting the								2	0%
- Commodity		-			-				-	0%
otal										
ar an anatan										
861 - Structures & Improvements		(343,322)	101000000	iliana.	V. 150.00	0.000	4.00			DEM
- Demand	Plant GasInvDem	(343,322)	(249,831)	(39,113)	(52,539)	(1,790)	(43)	(7)		100%
- Customer - Commodity										0%
otal		(343,322)	(249,831)	(39,113)	(52,539)	(1,790)	(43)	(7)		070
		4	1	(0-)/	(5-25-57)	1-0.5-1	1.57			
62 - Gas Holders		(5,851,325)								DEM
- Demand	Plant GasInvDem	(5,851,325)	(4,257,931)	(666,606)	(895,432)	(30,507)	(737)	(113)		100%
- Customer	-						*			0%
- Commodity		- If and and	(4 252 224)	rees east	(005 400)	(20 502)	(707)	(442)		0%
Total		(5,851,325)	(4,257,931)	(666,606)	(895,432)	(30,507)	(737)	(113)	*	
863.3 - Compressor Equipment		(523,423)							F	DEM
- Demand	Plant GasinvDem	(523,423)	(380,888)	(59,630)	(80,100)	(2,729)	(66)	(10)	4.	100%
- Customer										0%
- Commodity	- 1								-	0%
Total		(523,423)	(380,888)	(59,630)	(80,100)	(2,729)	(66)	(10)	•	
Fatal Other Steeres - Facilities		(C 710 070)								
Total Other Storage Equipment		(6,718,070)	(4 000 550)	(705.240)	/a and amal	(ac oacl	(846)	(130)		
- Demand - Customer		(6,718,070)	(4,888,650)	(765,349)	(1,028,070)	(35,026)	(846)	(130)		
- Commodity										
Total	_	(6,718,070)								
23.00		10.00								
Transmission Plant										
365.2 - Rights-of-Way										DEM
- Demand	D2_Demand	•		•	*		•			100%
- Customer - Commodity			•		-	-				0%
- Commodity Total			-		-		-			U/II
1000										
367 - Mains		(1,980,146)								DEM
- Demand	D2_Demand	(1,980,146)	(1,289,068)	(199,839)	(283,009)	(15,097)		(1,465)	(191,669)	100%
- Customer	•	•	•							0%
- Commodity		4 444 444	4 000 000		(800 000)	Ar som	*	40.4001	404 500	0%
Total		(1,980,146)	(1,289,068)	(199,839)	(283,009)	(15,097)		(1,465)	(191,669)	
371 - Other equipment		64,156							1	DEM
- Demand	D2_Demand	64,156	41,765	6,475	9,169	489		47	6,210	100%
- Customer	-	-	-	-		+				0%
- Commodity		*					-4			0%
Total		64,156	41,765	6,475	9,169	489	1	47	6,210	
Total Transmission Plant	_	(1,915,991)			Zano	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			lane and	
- Demand		(1,915,991)	(1,247,303)	(193,364)	(273,840)	(14,608)	-	(1,417)	(185,459)	
- Customer - Commodity										
- COMMODILY			•	-	-	-5	-	(1,417)	(185,459)	

A	В	C	D	E	F	G	Н	1	J	K
Laclede Gas Company				Small	Large	Large		Vehicular		
Allocation of Accumulated Depreciation	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Faiel	Transportation	Classificatio
	Factor	Company	R5	5GS	LGS	1V	IN	VF	Transp.	Factor
Distribution Plant									_	
374 - Land & Land Rights		(19,361)		20.00		254.0		444		DIS376-37
- Demand	Plant_376-379_D	(12,175)	(7,926)	(1,229)	(1,740)	(93)	*	(9)	(1,178)	63%
- Customer	Plant_376-379_C	(7,186)	(6,730)	(412)	(41)	(1)	(0)	(0)	(2)	37%
- Commodity Total	(*	(19,361)	(24 CFC)	(1,640)	(1,781)	(94)	(0)	(9)	(1,180)	0%
otal		(19,361)	(14,656)	(1,640)	(1,781)	(94)	(0)	(9)	(1,180)	
375 - Structures & Improvements		(1,693,135)								DIS376-37
- Demand	Plant_376-379_D	(1,064,707)	(693,120)	(107,452)	(152,171)	(8,118)		(788)	(103,059)	63%
- Customer	Plant_376-379_C	(628,428)	(588,583)	(35,997)	(3,616)	(66)	(20)	(8)	(138)	37%
- Commodity		,,,,,,,	,,,,,,,,	1	,-,,		-			0%
Total		(1,693,135)	(1,281,703)	(143,449)	(155,787)	(8,184)	(20)	(795)	(103,196)	
			4.000000	4	100 20 20 1	34.5			140/06/200	
376.1 - Mains - Steel		(138,181,069)								DISMAIN
- Demand	D2_Demand	(85,758,162)	(55,828,230)	(8,654,827)	(12,256,830)	(653,854)		(63,440)	(8,300,981)	62%
- Customer	C1_customers	(52,422,907)	(49,099,087)	(3,002,876)	(301,609)	(5,526)	(1,682)	(642)	(11,485)	38%
- Commodity									-	0%
Total		(138,181,069)	(104,927,317)	(11,657,702)	(12,558,439)	(659,381)	(1,682)	(64,081)	(8,312,466)	
376.2 - Mains - Cast Iron		(1,966,041)								DISMAIN
			(201 201)	********	(*********	(0.000)		(000)	(222.205)	
- Demand - Customer	D2_Demand	(1,220,167)	(794,324)	(123,141)	(174,390)	(9,303)	(24)	(903)	(118,106)	62% 38%
- Commodity	C1_customers	(745,873)	(698,582)	(42,725)	(4,291)	(79)	(24)	(9)	(163)	0%
Total	-	(1,966,041)	(1,492,906)	(165,866)	(178,682)	(9,382)	(24)	(912)	(118,270)	078
1000		(1,500,041)	(2,452,500)	(203,000)	(270,002)	15,502)	12.5)	(322)	(220,270)	
376.3 - Mains - Plastic		(78,174,794)								DISMAIN
- Demand	D2_Demand	(48,516,969)	(31,584,358)	(4,896,396)	(6,934,200)	(369,913)		(35,890)	(4,696,211)	62%
- Customer	C1_customers	(29,657,825)	(27,777,401)	(1,698,852)	(170,633)	(3,126)	(952)	(363)	(6,498)	38%
- Commodity	*								-	0%
Total		(78,174,794)	(59,361,760)	(6,595,248)	(7,104,833)	(373,039)	(952)	(36,254)	(4,702,709)	
									-	
378 - Meas. & Reg. Station - General		(851,327)								DEM
- Demand	D2_Demand	(851,327)	(554,211)	(85,917)	(121,674)	(6,491)		(630)	(82,404)	100%
- Customer								•		0%
- Commodity Total		(051 222)	/EEA 2111	/0E 0171	(121 574)	(6,491)		(630)	(82,404)	0%
Total		(851,327)	(554,211)	(85,917)	(121,674)	(6,491)		(630)	(82,404)	
379 - Meas. & Reg. Station - City Gate		(876,089)								DEM
- Demand	D2_Demand	(876,089)	(570,331)	(88,416)	(125,213)	(6,680)		(648)	(84,801)	100%
- Customer		(0.0,000)		(00),120)		,-,,,		*		0%
- Commodity			22			- X				0%
Total		(876,089)	(570,331)	(88,416)	(125,213)	(6,680)		(648)	(84,801)	
Land to the second		***								
380.1 - Services - Steel		(36,075,778)								cus
- Demand	(4)	7	46531.51			1.00	20.000		*	0%
- Customer	C6_services	(36,075,778)	(33,450,962)	(2,035,785)	(533,457)	(17,509)	(4,629)	(1,863)	(31,575)	100%
- Commodity		/DC 075 770)	(22.450.053)	10 00F 70F	/500 AFN	(47 500)	(4.520)	11 000	/25 5751	0%
Total		(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)							T.	cus
- Demand		(m. 1.,002)200		-			-		7.	0%
- Customer	C6_services	(245,081,235)	(227,249,512)	(13,830,127)	(3,624,046)	(118,945)	(31,448)	(12,654)	(214,503)	100%
- Commodity	CO_SCIVICOS	(2-0,001,200)	(221)242)244	(20,000,127)	(3,024,040)	(220,545)	(34)440)	(12,05-4)	(22-,505)	0%
Total		(245,081,235)	(227,249,512)	(13,830,127)	(3,624,046)	(118,945)	(31,448)	(12,654)	(214,503)	4,0

A	В	C	D	E	F	G	Н	1	1	K
Laclede Gas Company		4.7		Small	Large	Large		Vehicular		
Allocation of Accumulated Depreciation	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classificatio
	Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
La Article		10.011.00.000							_	
381 - Meters		(30,286,296)								CUS
- Demand	*			*				2		0%
- Customer	C3_meters	(30,286,296)	(25,299,862)	(3,583,026)	(1,111,648)	(36,720)	(24,538)	(5,473)	(225,029)	100%
- Commodity								•	•	0%
Total		(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)								CUS
- Demand - Customer	CC Passes	(11 022 204)	(0.044.402)	(2.042.740)		(407.400)	(47 000)	(10 000)	(225 224)	0%
	C5_Regcus	(11,032,284)	(8,044,183)	(1,041,718)	(1,444,182)	(107,408)	(47,090)	(10,882)	(336,821)	100%
- Commodity Total		(44 000 004)	(0.044.400)	(2.042.740)	(2.444.402)		(47 000)	(10.000)	(225,024)	0%
Total		(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)								CUS
- Demand		(5). (5)					2		. 7	0%
- Customer	C14_385cus	(5,778,276)	7.	(1,199,883)	(3,241,716)	(199,534)	(123,478)	(26,692)	(986,972)	100%
- Commodity	021_00000	(5,7,70,270)		(2,23,003)	1012-11/101	(233,334)	(200)410)	(20,052)	(300,312)	0%
Total		(5,778,276)		(1,199,883)	(3,241,716)	(199,534)	(123,478)	(26,692)	(986,972)	076
		127		Autonos Santa	1-1	(1	And Street	1-1-2/-1-1	
386 - Other Property - Customer Premises		(166,416)								CUS
- Demand				-		(4)	4.			0%
- Customer	C1_customers	(166,416)	(155,865)	(9,533)	(957)	(18)	(5)	(2)	(36)	100%
- Commodity										0%
Total		(166,416)	(155,865)	(9,533)	(957)	(18)	(5)	(2)	(36)	
									_	
387 - Other Equipment		(391,291)								CUS
- Demand				4			*			0%
- Customer	Plant_374-386_C	(391,291)	(353,164)	(26,039)	(9,687)	(440)	(215)	(54)	(1,692)	100%
- Commodity				•		•	•		•	0%
Total		(391,291)	(353,164)	(26,039)	(9,687)	(440)	(215)	(54)	(1,692)	
Total Distribution Plant		(550,573,392)								
- Demand			(00 000 500)	(42.057.227)	(10.755.010)	(2.054.454)		(102 207)	(42 205 742)	
- Customer		(138,299,597)	(90,032,500)	(13,957,377)	(19,766,219)	(1,054,451)		(102,307)	(13,386,742)	
- Commodity		(412,273,795)	(372,723,932)	(26,506,972)	(10,445,884)	(489,372)	(234,082)	(58,642)	(1,814,912)	
Total	-	(550,573,392)	(462,756,432)	(40,464,349)	(30,212,103)	(1,543,823)	(234,082)	(160,949)	(15,201,654)	
		(350,373,332)	(402,130,432)	(ברכורטרוטר)	(30,212,103)	(2,545,625)	(234,002)	(200,543)	(20,202,00-4)	
General Plant										
389 - Land		н.								PTD PLAN
- Demand	PTD_D			*:	1.0			4	-	31%
- Customer	PTD_C						-			69%
- Commodity		2	4	2		*		*		0%
Total				4			- 1			
390 - Structures & Improvements		(464,679)								PTD PLAN
- Demand	PTD_D	(144,129)	(94,731)	(14,699)	(20,719)	(1,070)	(1)	(88)	(12,810)	31%
- Customer	PTD_C	(320,550)	(289,316)	(21,332)	(7,936)	(360)	(176)	(44)	(1,386)	69%
- Commodity							•			0%
Total		(464,679)	(384,048)	(36,031)	(28,655)	(1,431)	(178)	(142)	(14,196)	
391 - Furniture & Fixtures		2,401,812							200,000	PTD PLAN
- Demand	PTD_D	744,968	489,644	75,975	107,089	5,533	8	507	66,212	31%
- Customer	PTD_C	1,656,844	1,495,405	110,258	41,020	1,861	911	227	7,162	69%
- Commodity Total					1.		-	(*)		0%
		2,401,812	1,985,048	186,234	148,108	7,394	919	734	73,375	

A	В	C	D	E	F	G	Н	1	1	K
Laclede Gas Company				Small	Large	Large		Vehicular		
Allocation of Accumulated Depreciation	Allocation	Total	Residential	General Srv	General Sev	Volume	Interruptible	Falei	Transportation	Classificatio
	Fector	Company	RS	565	LGS	ίν	IN	VF	Transp	Factor
									_	
391.1 - Data Processing Systems		(11,644,788)							1	PTD PLANT
- Demand	PTD_D	(3,611,855)	(2,373,955)	(368,354)	(519,203)	(26,826)	(37)	(2,459)	(321,020)	31%
- Customer	PTD_C	(8,032,933)	(7,250,222)	(534,569)	(198,876)	(9,025)	(4,417)	(1,098)	(34,726)	69%
- Commodity									- 8	0%
Total		(11,644,788)	(9,624,177)	(902,922)	(718,079)	(35,851)	(4,454)	(3,557)	(355,746)	
391.2 - Mechanical Office Equipment		241,580								PTD PLAN
			40.240	7.642	10 771	****			5 550	31%
- Demand	PTD_D	74,931	49,249	7,642	10,771	557	1	51	6,660	
- Customer	PTD_C	166,649	150,411	11,090	4,126	187	92	23	720	69%
- Commodity Total		241 500	100 001	10 700	14,897	744	92	74	7,380	0%
Total		241,580	199,661	18,732	14,897	744	92	/4	7,380	
391.3 - Data Processing Software		(27,947,380)								PTD PLAN
- Demand	PTD_D	(8,668,417)	(5,697,470)	(884,045)	(1,246,083)	(64,383)	(89)	(5,902)	(770,445)	31%
- Customer	PTD_C	(19,278,963)	(17,400,463)	(1,282,960)	(477,301)	(21,660)	(10,601)	(2,636)	(83,342)	69%
- Commodity	110_0	(15,270,503)	(17,400,403)	(1,202,300)	(477,501)	(22,000)	(10,001)	(2,030)	(05,542)	0%
Total		(27,947,380)	(23,097,934)	(2,167,005)	(1,723,384)	(86,042)	(10,690)	(8,538)	(853,787)	070
, 734		(21)511,000)	(25)537,5537	(2,20, ,000)	(2), 20,00 1	(00)0.10)	120,000	(0,000)	100000	
391.4 - Data Processing Systems		903,381								PTD PLAN
- Demand	PTD_D	280,201	184,167	28,576	40,279	2,081	3	191	24,904	31%
- Customer	PTD_C	623,180	562,458	41,471	15,428	700	343	85	2,694	69%
- Commodity					*				200	0%
Total		903,381	746,625	70,047	55,707	2,781	346	276	27,598	
									_	
391.5 - Enterprise Software-EIMS		(11,890,202)							2	PTD PLAN
- Demand	PTD_D	(3,687,975)	(2,423,987)	(376,117)	(530,145)	(27,392)	(38)	(2,511)	(327,786)	31%
- Customer	PTD_C	(8,202,228)	(7,403,021)	(545,835)	(203,068)	(9,215)	(4,510)	(1,122)	(35,458)	69%
- Demand - Customer - Commodity Total										0%
Total		(11,890,202)	(9,827,007)	(921,952)	(733,213)	(36,607)	(4,548)	(3,632)	(363,243)	
392.1 - Transportation Eq - Automobiles		(1,817,056)								PTD PLAN
	- AVD D		(226.422)	(FT 470)	(04.047)	14 4001	101	(204)	/50 0001	31%
- Demand	PTD_D	(563,595)	(370,433)	(57,478)	(81,017)	(4,186)	(6)	(384)	(50,092)	69%
- Customer - Commodity	PTD_C	(1,253,461)	(1,131,327)	(83,414)	(31,033)	(1,408)	(689)	(171)	(5,419)	0%
- Commodity Total		(1,817,056)	(1,501,760)	(140,892)	(112,049)	(5,594)	(695)	(555)	(55,511)	0%
Total		(1,817,036)	(1,501,760)	(140,892)	(112,049)	(3,334)	(033)	(333)	(33,311)	
392.2 - Transportation Eq - Trucks		(5,203,901)							To the second	PTD PLAN
- Demand	PTD_D	(1,614,090)	(1,060,889)	(164,612)	(232,025)	(11,988)	(17)	(1,099)	(143,460)	31%
- Demand - Customer	PTD_C	(3,589,811)	(3,240,028)	(238,892)	(88,875)	(4,033)	(1,974)	(491)	(15,519)	69%
- Commodity	110_0	(5,505,011)	(3,240,020)	(200,032)	(00,075)	(4,033)	(4)-1-4)	(432)	(25,525)	0%
Total		(5,203,901)	(4,300,917)	(403,504)	(320,900)	(16,021)	(1,991)	(1,590)	(158,978)	-/-
		1-1-001-0-1	() - solvan ((.25)551)	1-2010001	120,000	1-11	1-11	,	
393 - Stores Equipment		(260,864)								PTD PLAN
- Demand	PTD_D	(80,912)	(53,181)	(8,252)	(11,631)	(601)	(1)	(55)	(7,191)	31%
- Customer	PTD_C	(179,952)	(162,418)	(11,975)	(4,455)	(202)	(99)	(25)	(778)	69%
- Commodity		of the same					1		14.1	0%
Total		(260,864)	(215,598)	(20,227)	(16,086)	(803)	(100)	(80)	(7,969)	
		40 440 4641								
		(3,323,099)								PTD PLAN
	PTD_D	(1,030,723)	(677,461)	(105,118)	(148,166)	(7,655)	(11)	(702)	(91,610)	31%
- Customer	PTD_C	(2,292,376)	(2,069,012)	(152,551)	(56,754)	(2,575)	(1,260)	(313)	(9,910)	69%
- Commodity Total										0%
5 Total		(3,323,099)	(2,746,472)	(257,669)	(204,920)	(10,231)	(1,271)	(1,015)	(101,520)	

A	В	C	D	E	F	G	Н	1	J	K
Laclede Gas Company Allocation of Accumulated Depreciation	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
395 - Laboratory Equipment		(150,649)								PTD PLANT
- Demand - Customer - Commodity	PTD_D PTD_C	(46,727) (103,922)	(30,712) (93,796)	(4,765) (6,916)	(6,717) (2,573)	(347) (117)	(0) (57)	(32) (14)	(4,153) (449)	31% 69% 0%
Total		(150,649)	(124,508)	(11,681)	(9,290)	(464)	(58)	(46)	(4,602)	
		(14,246,526)								PTD PLAN
396 - Power Operated Equipment - Demand - Customer - Commodity Total	PTD_D PTD_C	(4,418,834) (9,827,693)	(2,904,357) (8,870,104)	(450,653) (654,005)	(635,206) (243,310)	(32,820) (11,041)	(45) (5,404)	(3,009) (1,344)	(392,744) (42,485)	31% 69% 0%
B Total		(14,246,526)	(11,774,461)	(1,104,658)	(878,517)	(43,861)	(5,449)	(4,352)	(435,229)	
397.0 - Communication Equipment		(894,175)								cus
- Demand - Customer - Commodity	PTD_C	(894,175)	(807,048)	(59,505)	(22,138)	(1,005)	(492)	(122)	(3,865)	0% 100% 0%
- Commodity Total		(894,175)	(807,048)	(59,505)	(22,138)	(1,005)	(492)	(122)	(3,865)	
398 - Miscellaneous Equipment		109,158	10 300			300.003				PTD PLAN
7 - Demand B - Customer - Commodity	PTD_D PTD_C	33,858 75,301	22,253 67,964	3,453 5,011	4,867 1,864	251 85	0 41	23 10	3,009 326	31% 69% 0%
0 Total 1		109,158	90,217	8,464	6,731	336	42	33	3,335	
2 Total General Plant		(74,187,388)								
3 - Demand 4 - Customer 5 - Commodity		(22,733,299) (51,454,089)	(14,941,863) (46,440,516)	(2,318,447) (3,424,122)	(3,267,906) (1,273,881)	(168,846) (57,808)	(234) (28,293)	(15,478) (7,036)	(2,020,525) (222,434)	
6 Total 7		(74,187,388)	(61,382,379)	(5,742,570)	(4,541,787)	(226,654)	(28,527)	(22,513)	(2,242,960)	
Total Utility Plant		(665,352,880)								
9 - Demand 0 - Customer 1 - Commodity		(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) (65,677)	(15,592,726) (2,037,347)	
12 Total		(665,352,880)	(553,530,199)	(50.806.417)	(40,946,358)	(1,986,729)	(267,477)	(185,627)	(17,630,073)	

В	C	D	E	F	G	Н	1	1	K
			Small	Large	Large		Vehicular		13.7
Allocation	Total	Residential				Interruptible		Transportation	Classificatio
									Factor
	Company								-
_	559 130 390	366 846 965	56 921 641	90 737 305	4 145 443	5 745	380 003	49 607 198	
			T. 11 T. S.						
	1,242,303,722	1,121,492,037	02,003,103	30,762,367	1,595,996	663,237	109,903	3,311,312	
	1 000 705 111	1 400 220 022	120 610 920	110 005 363	E E 41 441	500 002	E40 005	EA 079 760	
	1,000,703,111	1,400,333,022	133,010,030	110,555,562	3,341,441	000,362	343,303	34,376,763	
_	(201 524 005)	(424.255.254)	(20 075 222)	(20 225 504)	(2 420 F40)	(F 100)	(110 000)	(AT 500 705)	
	(463,727,884)	(419,164,448)	(29,931,094)	(11,/19,/65)	(547,179)	(262,375)	(65,677)	(2,037,347)	
		***********	Was 1100 1100			*	****	***************************************	
	(665,352,880)	(553,530,199)	(50,806,417)	(40,946,358)	(1,986,729)	(267,477)	(185,627)	(17,630,073)	
_	49.0001444			228035	10000000		100 T 100 M	At bullets	
	G. 2010 St G. C. Y.		N. 26 (F. 161) F. (F. 162)				200 PM C		
	778,837,838	702,328,409	52,758,096	19,043,202	848,818	420,862	104,226	3,334,225	
	1,135,352,231	934,809,622	88,804,414	70,049,004	3,554,712	421,505	364,278	37,348,697	
	33,904,678								NINTPLT
D2_Demand	10,508,959	6,841,292	1,060,578	1,501,974	80,124		7,774	1,017,217	31%
Plant Dist_C	23,395,719	21,116,092	1,556,918	579,222	26,285	12,864	3,199	101,139	69%
									0%
	33,904,678	27.957.384	2.617.496	2.081.196	106,409	12.864	10.973	1.118.356	
	226-27627			The state of the s					
	367.023.353	239.322.505	37.106.896	52.507.775	2.786.018	643	267.826	35.031.689	
		, 25,,502		23,022,122	0,5,200	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2417124	-,,	
	1 160 256 000	962 767 006	91 421 910	72 120 200	2 661 121	131 360	275 251	29 467 052	
	1,103,230,303	302,707,000	31,421,310	72,130,200	3,001,121	434,303	3/3,232	38,407,033	
	4.422.930								TOTPLT
Black Total D		001 057	120.012	107.000	10.102	122	022	121 846	31%
			277.75						69%
Plant_lotal_C	3,052,016	2,754,635		/5,561		1,6/8	41/	13,194	
		*		200 500		4.000	* 000	400.040	0%
	4,422,930	3,655,692	342,915	272,629	13,611	1,692	1,351	135,040	
	69 077 170								DEM
		of all and	2000	obasi las		242			
Plant GasinvDem		49,538,844					5,85	7	100%
						*			0%
					4	-	+	3	0%
	68,077,170	49,538,844	7,755,618	10,417,892	354,931	8,569	1,316		
	11,259,456								NONTOTOI
OPEXPDEM	1,968,662	1,309,043	203,334	284,985	14,147	45	1,198	155,909	17%
OPEXPCUS	9,205,888	7,940,127	840,249	323,129	15,865	8,835	1,979	75,706	82%
OPEXPCOM	84,906	42,539	6,759	11,504	872	612	276	22,344	1%
OPEXPLOIVI									
	Plant_Total_D Plant_Total_C Plant GasInvDem OPEXPDEM OPEXPCUS	Allocation Factor S58,139,389 1,242,565,722 1,800,705,111 (201,624,995) (463,727,884) (665,352,880) 356,514,393 778,837,838 1,135,352,231 33,904,678 D2_Demand Plant Dist_C 33,904,678 33,904,678 33,904,678 367,023,353 802,233,557 1,169,256,909 4,422,930 Plant_Total_D Plant_Total_C 3,052,016 4,422,930 Plant_Total_C 3,052,016 4,422,930 Plant_Total_C 3,052,016 1,370,914 Plant_Total_C 3,052,016 4,422,930 68,077,170 Plant GasinvDem 68,077,170 11,259,456 OPEXPDEM 1,968,662 9,205,888	Allocation Total Residential R5	Allocation Factor Company Rasidential General Srv SCS Separation	Allocation Factor Company Residential General Sty General Sty 105 Section Section	Allocation Factor Factor Allocation Factor Factor Allocation Factor Company Residential Company Residential Company Residential Company Sos Los Company Sos Los Company Sos Los Sos Los Company Sos Los Sos Los Company Sos Los Sos Los Company Sos Los Sos Los Sos Los Sos Los L	Allocation Total Rasidential General Sco General Sco Company Rasidential General Sco Company Company Rasidential General Sco Company Compa	Allocation Factor Company Residential General Str. General Str. General Str. Volume Interruptible East Valuation East East	Allocation Total Residential General Stor General Stor Volume Interruptible Factor Transportation Transpo

		A	В	C	D	E	F	G	Н	1	1	K
mulation Financing / Enemy Wine	ġ	de Gas Company				5mall	Large	Large		Vehicular		
Insulation Financing / Energy Wise	į	ation of Rate Base	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classificatio
- Demand			Factor	Company	R5	SGS	LGS	LV		VF	Transp.	Factor
Demand												
- Customer OPERICUS 1,525,500 1,315,759 139,238 53,546 2,629 1,464 Commodity OPERICUM 1,670 7,649 1,120 1,306 1,450 1,451 1,573 1,461 1,4670 1,46	-											NONTOTOIPE
- Commodity OPERCOM 14.070 7.049 1.120 1.906 145 101 Total 1,865,805 1,539,730 174,052 102,677 5,118 1,573 - Demand OPERCOM 3,787,139 2,518,222 391,157 548,230 27,215 87 - Commodity OPERCOM 163,348 81,832 13,003 22,130 1,678 1,178 Total OPERCOM 163,348 81,832 13,003 22,130 1,678 1,178 - Commodity OPERCOM 163,348 81,832 13,003 22,130 1,678 1,178 - Commodity OPERCOM 163,348 81,832 13,003 22,130 1,678 1,178 - Total OPERCOM 163,348 81,832 13,003 22,130 1,678 1,178 - Demand EXP_Non-A&C_D 26,835,600 17,785,332 2,761,774 3,876,975 194,674 518 - Customer EXP_Non-A&C_D 26,835,600 10,770,349 4,074,456 194,687 105,347 - Commodity EXP Non-A&C_D 153,687,092 - Demand EXP_Non-A&C_D 153,687,092 - Demand EXP_Non-A&C_D 153,687,092 127,996,185 13,626,399 8,111,885 401,527 115,407 - Demand EXP_Non-A&C_D										199	25,836	17%
Total 1,865,806 1,539,730 174,052 102,677 5,118 1,573										328	12,545	82%
Cach Working Capital 21,659,955 2,518,222 391,157 548,230 27,215 37 57,096 6,000 6			OPEXPCOM							46	3,703	1%
Dersand Customer Commodity Commo	1			1,865,806	1,539,730	174,052	102,677	5,118	1,573	572	42,084	
Dersand Customer Commodity Commo	1	Working Capital		21 659 955								NONTOTOIP
- Customer OPERCOM 16,334 81,322 13,003 22,130 16,78 1,178			OPEXPDEM		2 518 222	391 157	548 230	27 215	97	2,305	299,924	17%
- Commodity										3,807	145,636	82%
Total										530	42,983	1%
Prepaid Fension / OPEB Assets 153,687,092 26,835,060 17,785,332 2,761,774 3,876,975 194,674 518 194,677 105,347 10			OPEXPCOIVI							6,642	488,543	1.76
Prepaid Pension / OPEB Assets 153,687,092 - Demand EXP_Non-A&G_D 226,835,060 17,785,332 2,761,774 3,876,975 194,674 518 105,775 105,	91			21,659,955	17,874,575	2,020,556	1,191,966	59,412	18,261	5,642	488,543	
Prepaid Pension / OPEB Assets 153,687,092 - Demand EXP_Non-A&G_D 226,835,060 17,785,332 2,761,774 3,876,975 194,674 518 105,775 105,	e	er Regulatory Assets										
Demand			_									
Customer EXP_Non-A&G_C 125,667,763 109,1619,520 10,770,349 4,074,856 194,687 105,347 105	2	aid Pension / OPEB Assets		153,687,092								NONAGOP
- Commodity EXP_Non-A&G_E 1,184,269 593,333 94,276 150,455 12,167 8,541		- Demand	EXP_Non-A&G_D	26,835,060	17,785,332	2,761,774	3,876,975	194,674	518	16,885	2,198,902	17%
Commodity		- Customer	EXP Non-A&G C	125,667,763	109,619,520	10,770,349	4,074,456	194.687	106.347	24,392	878,014	82%
Total		- Commodity								3,845	311,653	1%
- Demand	1	ı								45,121	3,388,568	
- Customer EXP_Non-A&G_C EXP_Non-A&G_E				4634001456	0.000	100000000000000000000000000000000000000		1000	524,021	104,000	2407.46.75	
- Customer - Commodity				-								NONAGOP
Commodity EXP_Non-A&G_E		- Demand	EXP_Non-A&G_D						,	*		17%
Leasehold Improvements		- Customer	EXP_Non-A&G_C	-		9	4.1			1.4	+	82%
Leasehold Improvements		- Commodity	EXP_Non-A&G_E									1%
- Demand	3	d			•							
- Demand				444444							_	
- Customer	54											NONAGOP
Commodity		- Demand		293,584	194,577	30,215			6	185	24,057	17%
Total		- Customer	EXP_Non-A&G_C	1,374,845	1,199,272	117,831	44,576	2,130	1,163	267	9,606	82%
Low Income Program Net of Amortization		- Commodity	EXP_Non-A&G_E	12,956	6,491	1,031	1,755	133		42	3,410	1%
- Demand	3	al		1,681,386	1,400,341	149,077	88,747	4,393	1,263	494	37,072	
- Demand				*****							-	NONAGOR
- Customer EXP_Non-A&G_C 32,980 28,768 2,827 1,069 51 28 - Commodity EXP_Non-A&G_E 311 156 25 42 3 2 Total 40,333 33,592 3,576 2,129 105 30 Red Tag Program 28,429 - Demand EXP_Non-A&G_C 23,246 20,278 1,992 754 36 20 - Customer EXP_Non-A&G_C 21,246 20,278 1,992 754 36 20 - Commodity EXP_Non-A&G_C 21,246 20,278 1,992 754 36 20 - Total 28,429 23,677 2,521 1,501 74 21 Initial Energy Efficiency Asset Net of Amortization 300,667 - Demand EXP_Non-A&G_C 245,851 214,455 21,071 7,971 381 208 - Commodity EXP_Non-A&G_C 245,851 214,455 21,071 7,971 381 208 - Commodity EXP_Non-A&G_C 23,377 1,161 184 314 24 17	_											THE REAL PROPERTY.
- Commodity										4	577	17%
Total 40,333 33,592 3,576 2,129 105 30 Red Tag Program 28,429 - Demand EXP_Non-A&G_D 4,964 3,290 511 717 36 0 - Customer EXP_Non-A&G_C 23,246 20,278 1,992 754 36 20 - Commodity EXP_Non-A&G_E 219 110 17 30 2 2 Total 28,429 23,677 2,521 1,501 74 21 Initial Energy Efficiency Asset Net of Amortization 300,667 - Demand EXP_Non-A&G_D 52,499 34,794 5,403 7,585 381 1 - Customer EXP_Non-A&G_C 245,851 214,455 21,071 7,971 381 208 - Commodity EXP_Non-A&G_E 2,317 1,161 184 314 24 17										6	230	82%
Red Tag Program 28,429		The state of the s	EXP_Non-A&G_E							1	82	1%
- Demand	a	ai		40,333	33,592	3,576	2,129	105	30	12	889	
- Demand	v	Tag Program		28.429							-	NONAGO
- Customer EXP_Non-A&G_C 23,246 20,278 1,992 754 36 20 - Commodity EXP_Non-A&G_E 219 110 17 30 2 2 2			EVO Non ASC D		2 200		717	20	6		407	The second second
- Commodity EXP Non-A&G E 219 110 17 30 2 2 Total 28,429 23,677 2,521 1,501 74 21 Initial Energy Efficiency Asset Net of Amortization 300,667 - Demand EXP_Non-A&G_D 52,499 34,794 5,403 7,585 381 1 - Customer EXP_Non-A&G_C 245,851 214,455 21,071 7,971 381 208 - Commodity EXP_Non-A&G_E 2,317 1,161 184 314 24 17										3 5	407 162	17%
Total 28,429 23,677 2,521 1,501 74 21 Initial Energy Efficiency Asset Net of Amortization 300,667										1		82%
Initial Energy Efficiency Asset Net of Amortization 300,667			EXP_Non-A&G_E							8	58 627	1%
Initial Energy Efficiency Asset Net of Amortization 300,667	d	31		26,429	23,0//	2,521	1,501	74	21	8	02/	
- Demand EXP_Non-A&G_D 52,499 34,794 5,403 7,585 381 1 - Customer EXP_Non-A&G_C 245,851 214,455 21,071 7,971 381 208 - Commodity EXP_Non-A&G_E 2,317 1,161 184 314 24 17	i	al Energy Efficiency Asset Net of Amortizati	ion	300,667							F	NONAGOR
- Customer EXP_Non-A&G_C 245,851 214,455 21,071 7,971 381 208 - Commodity EXP_Non-A&G_E 2,317 1,161 184 314 24 17					34.794	5.403	7.585	381	1	33	4,302	17%
-Commodity EXP Non-A&G E 2,317 1,161 184 314 24 17										48	1,718	82%
										8	610	1%
Total 300,667 250,410 26,658 15,870 786 226	,	The state of the s	CAT HOIL-HOO E	300,667	250,410	26,658	15,870	786	226	88	6,629	A 70

A	В	С	D	E	F	G	Н	1	1	K
Laciede Gas Company				Small	Large	Large		Vehicular		
Allocation of Rate Base	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classificati
	Factor	Company	85	5G5	LGS	LV	IN	VF	Transp.	Factor
Energy Efficiency Program	~ 	11,639,096							Section 1	NONAGOPE
- Demand	EXP_Non-A&G_D	2,032,284	1,346,926	209,156	293,613	14,743	39	1,279	166,528	17%
- 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%
- Commodity	EXP_Non-A&G_E	89,688	44,935	7,140	12,152	921	647	291	23,602	1%
Total		11,639,096	9,693,613	1,031,960	614,333	30,409	8,740	3,417	256,624	
Total Other Regulatory Assets										
- Demand	_	29,225,433	19,369,588	3,007,784	4,222,322	212,015	565	18,389	2,394,772	
- Customer		136,861,810	119,384,046	11,729,734	4,437,394	212,029	115,820	26,564	956,224	
- Commodity		1,289,759	646,185	102,674	174,748	13,250	9,302	4,187	339,413	
Total	·	167,377,003	139,399,818	14,840,191	8,834,464	437,294	125,687	49,140	3,690,410	
otal		167,377,003	139,399,616	14,840,191	8,834,464	437,294	125,687	49,140	3,690,410	
Total Additions to Utility Plant										
- Demand		104,755,546	73,853,675	11,531,399	15,717,723	620,834	9,287	24,341	2,998,288	
- Customer		168,354,706	146,669,087	14,528,720	5,511,235	264,470	144,794	33,095	1,203,305	
- Commodity		1,552,069	777,605	123,555	210,288	15,945	11,194	5,039	408,443	
Total		274,662,320	221,300,367	26,183,674	21,439,246	901,249	165,274	62,474	4,610,035	
0.700		,,		20/200/01	***	202,2.13	200/21		7,020,033	
Reductions to Utility Plant						4				
Accumulated Deferred Income Taxes		(206,856,327)							1	TOTPL
- 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%
- 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%
- Commodity						,	20.2	100		0%
Total		(206,856,327)	(170,973,307)	(16,037,820)	(12,750,612)	(636,574)	(79,147)	(63,170)	(6,315,696)	
Other Regulatory Liabilities										
- Demand		-	(*)				+		+	
- Customer		-								
- Commodity		-					- 14			
Total				-				*		
									_	
Customer Deposits		(4,354,823)								cus
- Demand	2-1-1		X 2 - 1 - 1		1.14.1	****				0%
- Customer	C2_depcus	(4,354,823)	(3,053,380)	(1,180,682)	(118,588)	(2,173)				100%
- Commodity		**********	*	*	1140 000		-			0%
Total		(4,354,823)	(3,053,380)	(1,180,682)	(118,588)	(2,173)				
Customer Advances		(1,020,828)								MAINS
- Demand	D2 D		(200 145)	(00 400)	/AF 0275	(0.440)		inner	(24 000)	
- Customer	D2_Demand	(321,268)	(209,145)	(32,423)	(45,917)	(2,449)	(771)	(238)	(31,097)	31%
	Plant_MainsSrv_C	(699,560)	(650,498)	(39,644)	(8,570)	(265)	(71)	(28)	(483)	69%
- Commodity Total		(1,020,828)	(859,643)	(72,067)	(54,487)	(2,714)	(71)	(266)	(31,581)	0%
, sour		(1,020,828)	(659,643)	(72,067)	(34,487)	(2,714)	(11)	(200)	(31,381)	
Total Deductions										
- Demand	_	(64,437,632)	(42,350,756)	(6,571,307)	(9,262,628)	(478,658)	(660)	(43,890)	(5,729,733)	
- Customer		(147,794,346)	(132,535,574)	(10,719,262)	(3,661,060)	(162,803)	(78,558)	(19,546)	(617,544)	
- Commodity		(441), 54(540)	(202,000,014)	(10), 13,2021	(2)001,000)	(202,003)	(10,00)	(15)540)	(01/1044)	
Total	-	(212,231,978)	(174,886,330)	(17,290,568)	(12,923,687)	(641,461)	(79,218)	(63,436)	(6,347,277)	
0.000		//	121 -10001001	(21,120,100)	(majornion)	(-14,104)	() mineral	(00),100)	(alougher 1)	
Total Rate Base										
- Demand		407,341,266	270,825,424	42,066,988	58,962,871	2,928,194	9,270	248,276	32,300,243	
- Customer		822,793,916	737,578,014	58,124,472	21,472,600	976,770	499,962	120,973	4,021,125	
- Customer - Commodity		1,552,069	777,605	123,555	210,288	15,945	11,194	5,039	408,443	
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	

A	В	C	D	E	F	G	Н		J	K
Laclede Gas Company				Small	Large	Large		Vehicular		
Allocation of O&M Expenses	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classificatio
	Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
Production Expense										
Manufactured Gas Production Expense		06 504								DEM
710 - Operation Supervisor & Engine.		86,504	2012.00				20		-	
- Demand	Plant GasinvDem	86,504	62,948	9,855	13,238	451	11	2		100%
- Customer - Commodity										0%
Total		86,504	62,948	9,855	13,238	451	11	2		0%
Total		00,504	02,540	3,033	15,250	452				
712 - Other Power Expenses		138								DEM
- Demand	Plant GasinvDem	138	100	16	21	1	0	0		100%
- Customer	100000000000000000000000000000000000000		-		-					0%
- Commodity									-	0%
Total		138	100	16	21	1	0	0		
		2004							-	
717 - LPG Expenses		2,927								DEM
- Demand	Plant GasinvDem	2,927	2,130	333	448	15	0	0		100%
- Customer - Commodity Total					•		*		*	0%
- Commodity			****	*	*				* 1	0%
Total		2,927	2,130	333	448	15	0	0	,	
723 - Fuel for LPG Process		1,276								COM
- Demand		-		_						0%
- Customer										0%
- Commodity	D4 NonTranspSales	1,276	867	138	235	18	13	6		100%
Total		1,276	867	138	235	18	13	6		1
728 - LPG		(111,248)								COM
- Demand		•				-			* /	0%
- Customer	Annual Control			200	•				-	0%
- Commodity Total	D4_NonTranspSales	(111,248)	(75,594)	(12,015)	(20,487)	(1,558)	(1,101)	(494)	•	100%
Total		(111,248)	(75,594)	(12,015)	(20,487)	(1,558)	(1,101)	(494)		
735 - Miscellaneous Production Expenses		80,275							1	DEM
- Demand	Plant GasinvDem	80,275	58,415	9,145	12,285	419	10	2		100%
- Customer	Plant Gasinvidem	80,275	56,415	9,145	12,265	419				0%
- Commodity										0%
Total		80,275	58,415	9,145	12,285	419	10	2		
740 - Maintenance Supervision & Engine.		18,969								DEM
- Demand	Plant GasInvDem	18,969	13,804	2,161	2,903	99	2	0	· ·	100%
- Customer									* 1	0%
- Commodity										0%
Total		18,969	13,804	2,161	2,903	99	2	0		
741 - Maintenance of Structures & Impr.		5,498								DEM
	Disab Controlle		4.004	ene	944	20	4	0	- 1	100%
- Demand - Customer	Plant GasinvDem	5,498	4,001	626	841	29	1	0		0%
								- 5		0%
- Commodity										

A	В	C	D	E	F	G	н	1	1	K
Luclede Gas Company				Small	Large	Large		Vehicular	1 1 1 1 1 1 1	
Allocation of O&M Expenses	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
	Factor	Company	RS	565	LGS	LV	IN	VF	Transp	Factor
		44 1478								
742 - Maintenance of Production Eq.		78,661								DEM
- Demand - Customer	Plant GasinvDem	78,661	57,240	8,961	12,038	410	10	2		100%
- Customer						*		•		0%
- Commodity Total		-	•		•					0%
Total		78,661	57,240	8,961	12,038	410	10	2		
Total Manufactured Gas Production Exp.		163,000								
- Demand	_	272,972	198,638	31,098	41,773	1,423	34	5		
- Demand - Customer - Commodity		212,312	130,030	31,090	44,773	1,423	-			
- Commodity		(109,972)	(74.727)	(11,877)	(20,252)	(1,540)	(1,088)	(489)		
Total	-	163,000	123,911	19,221	21,521	(117)	(1,054)	(484)		
1000		103,000	123,311	25,222	22,522	(227)	(2,054)	(101)		
Purchased Gas Expense										
804 - Purchased Gas Expense		(4,269,876)								COM
- Demand										0%
- Customer										0%
- Commodity	D4_NonTranspSales	(4,269,876)	(2,901,411)	(461,140)	(786,317)	(59,787)	(42,243)	(18,978)		100%
Total		(4,269,876)	(2,901,411)	(461,140)	(786,317)	(59,787)	(42,243)	(18,978)		
808.1 - Gas Withdrawn From Stor Debit		4,038,366								COM
- Demand			9		•		*	•		0%
- Customer					40.5					0%
- Commodity	D4_NonTranspSales	4,038,366	2,744,098	436,137	743,684	56,545	39,953	17,949	•	100%
Total		4,038,366	2,744,098	436,137	743,684	56,545	39,953	17,949		
810 - Gas Used for Comp. St. Fuel - Credit		(63,447)							1	COM
- Demand			(-)			2.				0%
- Customer										0%
- Commodity	D4 NonTranspSales	(63,447)	(43,112)	(6,852)	(11,684)	(888)	(628)	(282)		100%
Total		(63,447)	(43,112)	(6,852)	(11,684)	(888)	(628)	(282)	100	
			4-3-0-26	1000	7000	7,111	-4-0-4	- 1		
812 - Gas Used for Other Util. Ops Credit		(133,306)								COM
- Demand						-				0%
- Customer		4.15	200			•	- 97	20	•	0%
- Commodity Total	D4_NonTranspSales	(133,306)	(90,582)	(14,397)	(24,549)	(1,867)	(1,319)	(592)		100%
Total		(133,306)	(90,582)	(14,397)	(24,549)	(1,867)	(1,319)	(592)		
Total Natural Gas Purchases		(428,262)								
- Demand	-7 / -								-2-	
- Customer										
- Commodity		(428,262)	(291,007)	(46,252)	(78,866)	(5,997)	(4.237)	(1,903)		
Total	-	(428,262)	(291,007)	(46,252)	(78,866)	(5,997)	(4,237)	(1,903)		
Total		(420,202)	(231,007)	(40,232)	(70,000)	(3,337)	(4,23/)	(1,503)		
Total Production Expenses		(265,263)								
- Demand		272,972	198,638	31,098	41,773	1,423	34	5	4	
1 - Customer			-		-	-	4			
- Commodity		(538,235)	(365,734)	(58,129)	(99,118)	(7,536)	(5,325)	(2,392)		
3 Total	_	(265,263)	(167,096)	(27,030)	(57,345)	(6,113)	(5,291)	(2,387)		
4		Acres Acres 4			4-20-01-01		40.00	9/6/2019		

A	В	C	D	E	F	G	Н	1	1	K
Laclede Gas Company			T. 7 (1) T. 7	Small	Large	Large		Vehicular		
Allocation of O&M Expenses	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classificatio
	Factor	Company	RS	SGS	LGS	tV	IN	VF	Transp.	Factor
	v.									
Natural Gas Storage Expenses									4.	
814 - Operation Supervisor & Engineering		261,518								DEM
- Demand	Plant GasinvDem	261,518	190,303	29,793	40,020	1,363	33	5	* 1	100%
- Customer										0%
- Commodity		-								0%
Total		261,518	190,303	29,793	40,020	1,363	33	5		
815 - Maps and Records									_	
		57,853								DEM
- Demand	Plant GasInvDem	57,853	42,099	6,591	8,853	302	7	1		100%
- Customer						-				0%
- Commodity Total			*	****		*	-		-	0%
Total		57,853	42,099	6,591	8,853	302	7	1	-	
816 - Wells Expenses		359,840								DEM
- Demand	Plant GasInvDem	359,840	261,851	40,994	55,067	1,876	45	7		100%
- Customer	Flant Gasinvoem	359,840	261,851	40,994	55,067	1,8/6	45	,		0%
- Customer - Commodity		-				- 1				0%
Total		359,840	261,851	40,994	55,067	1,876	45	7	-	17.78
Total		333,040	201,031	40,334	33,007	1,070	*			
817 - Line Expenses		13,694								DEM
- Demand	Plant GasInvDem	13,694	9,965	1,560	2,096	71	2	0		100%
- Customer										0%
- Commodity										0%
Total .		13,694	9,965	1,560	2,096	71	2	0		
9										
818 - Compressor Station Expenses		112,122								DEM
- Demand	Plant GasinvDem	112,122	81,590	12,773	17,158	585	14	2		100%
- Customer										0%
- Commodity										0%
4 Total		112,122	81,590	12,773	17,158	585	14	2		
									_	
6 819 - Compressor Station Fuel & Power		65,942								COM
- Demand										0%
- Customer								7		0%
- Commodity	D4_NonTranspSales	65,942	44,808	7,122	12,144	923	652	293	-	100%
0 Total		65,942	44,808	7,122	12,144	923	652	293		
7		*****								0000
2 820 - Measuring & Reg. Station Expenses		518,161		22.00	100000		122	200		DEM
- Demand	Plant GasInvDem	518,161	377,059	59,031	79,294	2,702	65	10		100%
4 - Customer - Commodity		*								0%
		*****	****		70.004	2702				0%
6 Total 7		518,161	377,059	59,031	79,294	2,702	65	10		
8 821 - Purification Expenses		106,554							r	DLM
	Diset Carter Day		77 570	10.120	16 306	556	13	2		100%
9 - Demand 0 - Customer	Plant GasinvDem	106,554	77,538	12,139	16,306	556				0%
				•						0%
- Commodity Total		106,554	77,538	12,139	16,306	556	13	2		070
3 1001		100,334	11,338	12,139	10,500	330	72	2	Triming to the first	
4 823 - Gas Losses		6,883							ı	COM
5 - Demand		-		2					100	0%
- Customer										0%
	D4_NonTranspSales	6,883	4,677	743	1,268	96	68	31		100%
- Commodity										

A	В	С	D	E	F	G	H	1	J	K
Laclede Gas Company				Small	Large	Large		Vehicular		
Allocation of O&M Expenses	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
	Factor	Company	RS	565	LGS	LV	IN	VF	Transp.	Factor
824 - Other Expenses		237,850					-		-	DEM
- Demand	Plant GasinvDem	237,850	173,081	27,097	36,398	1,240	30	S		100%
- Customer - Commodity					•	•				0%
- Commodity Total 825 - Storage Well Royalities		237,850	173,081	27,097	36,398	1,240	30	5	- :	U/II
		25,7020	270,002	2.,00	20,000	2,210				
825 - Storage Well Royalities		99,907								COM
- Demand		14.		•				2	-	0%
- Demand - Customer - Commodity			•			•		-		0%
- Commodity	D4_NonTranspSales	99,907	67,887	10,790	18,398	1,399	988	444		100%
Total		99,907	67,887	10,790	18,398	1,399	988	444		
830 - Maintenance Supervision & Engine.		30,457								DEM
- Demand	Plant GasInvDem	30,457	22,163	3,470	4,661	159	4	1		100%
- Customer	Train Comment	-	-	5,470	4,001	-				0%
- Commodity Total				4	•		G.			0%
Total		30,457	22,163	3,470	4,661	159	4	1		
Linear State of the Control of the C		No. 200							_	
831 - Maintenance of Structures & Impr.		207,692	- File 1885							DEM
- Demand - Customer	Plant GasinvDem	207,692	151,134	23,661	31,783	1,083	26	4	•	100%
- Customer - Commodity					-		7	-	-	0%
		207,692	151,134	23,661	31,783	1,083	26	4		0%
Total		207,032	131,134	23,001	31,763	1,083	2.0	*		
832 - Maintenance of Reservoirs & Wells		200,399								DEM
- Demand	Plant GasInvDern	200,399	145,828	22,830	30,667	1,045	25	4		100%
- Customer			-			4	-	*	-	0%
- Commodity		-		•			•			0%
Total		200,399	145,828	22,830	30,667	1,045	25	4		
833 - Maintenance of Lines		180,532								DEM
- Demand	Plant GasinvDem	180,532	131,370	20,567	27,627	941	23	3		100%
- Customer		-		-					4	0%
- Commodity										0%
Total		180,532	131,370	20,567	27,627	941	23	3	1.0	
		10000								
834 - Maintenance of Compr. Station Eq Demand		308,876	400 404	2000	(val. bas	57454	120			DEM
- Demand - Customer	Plant GasinvDem	308,876	224,765	35,188	47,267	1,610	39	6		100%
- Customer - Commodity						-				0%
Total		308,876	224,765	35,188	47,267	1,610	39	6	-	U%
		200,070	227,103	55,255	47,207	2,020		-		
835 - Maint. of Measuring & Reg. St. Exp.		44,832							I	DEM
- Demand	Plant GasInvDem	44,832	32,623	5,107	6,861	234	6	1		100%
- Customer						-	-	(4)		0%
- Commodity		*				*	•			0%
Total		44,832	32,623	5,107	6,861	234	6	1		
836 - Maintenance of Purification Eq.		51,568							r	DEM
- Demand	Plant GasinvDem	51,568	37,525	5,875	7,891	269	6	1		100%
- Customer	riant dasinybent	-	31,323	5,015	7,091	203				0%
- Commodity										0%
2 Total		51,568	37,525	5,875	7,891	269	6	1		

A	В	C	D	E	F	G	H	1	1	K
Laclede Gas Company				Small	Large	Large		Vehicular		
Allocation of O&M Expenses	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classificatio
	Factor	Company	RS RS	SGS	LGS	LV	IN	VF	Transp.	Factor
										DEM
837 - Maintenance of Other Equipment		244,982	22222			4 077		-		
- Demand - Customer	Plant GasInvDem	244,982	178,270	27,909	37,490	1,277	31	5		100%
- Customer - Commodity								-		0%
Total		244,982	178,270	27,909	37,490	1,277	31	5	-	074
		211,502	210,210	2.,505	57,150	4,4	2.0			
840 - Operation Supervisor & Engineering		20,870								DEM
- Demand	Plant GasinvDem	20,870	15,187	2,378	3,194	109	3	0		100%
- Customer				9-7		-			•	0%
- Commodity						*			•	0%
Total		20,870	15,187	2,378	3,194	109	3	0		
841 - Operation Labor & Expenses		6,068								DEM
- Demand	Plant GasInvDem	6,068	4,416	691	929	32	1	0		100%
- Customer	Plant Gasinvidem	5,068	4,416	697	929	. 32			3	0%
- Commodity										0%
Total		6,068	4,416	691	929	32	1	0	- 1	
									_	
842.1 - Fuel		9,497								COM
- Demand				*	*	(*)		145	,	0%
- Customer		100		1.00			•	8		0% 100%
- Commodity	D5_NonTranspDem	9,497	6,845	1,061	1,503 1,503	80 80	-	8		100%
Total		9,497	6,845	1,001	1,505	80				
843.2 - Maintenance of Str. & Impr.		69,195								DEM
- Demand	Plant GasinvDem	69,195	50,352	7,883	10,589	361	9	1		100%
- Customer	1			9.0		*			*	0%
- Commodity	100		٥					- 4 -		0%
Total		69,195	50,352	7,883	10,589	361	9	1		
Tablika al Cariffonia Formania		2 215 201								
Total Natural Gas Storage Expenses	_	3,215,291	2 227 440	245 520	454.151	15.012	202	59		
- Demand - Customer		3,033,062	2,207,118	345,538	464,151	15,813	382	39		
- Commodity		182,230	124,218	19,716	33,312	2,499	1,709	776		
Total	_	3,215,291	2,331,337	365,254	497,464	18,312	2,091	834		
			-4242-5	2076-207	,	1000				
Distribution Expenses										
Operations Expenses									_	
870 - Operation, Supervision and Engine.		4,914,668						Residence	97.55	EXP871-8
- Demand	EXP_871-880_D	666,159	433,667	67,230	95,210	5,079	0.053	493	64,481 82,630	14% 82%
- Customer	EXP_871-880_C EXP_871-880_E	4,050,025 198,483	3,078,516 107,455	534,884 17,079	324,911 29,122	17,063 2,214	9,853 1,565	2,169 703	40,347	4%
- Commodity Total	EXP 8/1-880 E	4,914,668	3,619,638	619,192	449,242	24,357	1,363	3,364	187,457	470
1000		4,514,008	3,013,038	013,132	443,242	24,537	22,720	5,504	201,101	
871 - Distribution and Load Dispatching		1,180,217								COM
- Demand										0%
- Customer		-	- P.				1		*	0%
- Commodity	D1_sales	1,180,217	638,946	101,552	173,162	13,166	9,303	4,179	239,909	100%
2 Total		1,180,217	638,946	101,552	173,162	13,166	9,303	4,179	239,909	

A	В	С	D	E	F	G	Н	1)	K
Laclede Gas Company				Small	Large	Large		Vehicular	-	
Allocation of O&M Expenses	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classificatio
	Factor	Company	RS	SGS	LGS	LV	IN	VF	Transp.	Factor
Odorant Expense (Acct. 874 reduced by Odor	ant Europea (as Tast Vans)	103,590								COM
- Demand	ant Expense for (est rear)	103,330	-	4.			4.0			0%
- Customer									2.1	0%
- Commodity	D1 sales	103,590	56,082	8,913	15,199	1,156	817	367	21,057	100%
Total		103,590	56,082	8,913	15,199	1,156	817	367	21,057	
									400	
874 - Mains and Service Expenses		9,716,981								MAINSVC
- Demand	Plant_MainsSrv_D	3,058,065	1,990,788	308,624	437,068	23,316		2,262	296,006	31%
- Customer - Commodity	Plant_MainsSrv_C	6,658,916	6,191,911	377,359	81,579	2,522	675	270	4,602	69%
Total		0.716.001	9 192 600		E10 C47	20 927	675	2,532	300,608	0%
Total		9,716,981	8,182,699	685,983	518,647	25,837	6/5	2,532	300,608	
875 - Distributing Regulating Station Exp.		792,828								DEM
- Demand	D2_Demand	792,828	516,128	80,013	113,314	6,045		586	76,742	100%
- Customer				-		*	+			0%
- Commodity			-						-	0%
Total		792,828	516,128	80,013	113,314	6,045	•	586	76,742	
Total 876 - Measuring and Reg Station Exp-ind		155,837							-	CUS
- Demand - Customer - Commodity	C14_385cus	155,837		77.750	07.427	5,381	3,330	770	20.010	100%
- Commodity	C14_365cus	155,657		32,360	87,427	5,381	3,330	720	26,618	0%
Total		155,837		32,360	87,427	5,381	3,330	720	26,618	076
		22,001		32,500	5.,,	3,502	5,556		20,020	
877 - Measuring and Reg Station Exp-CG		110,205								DEM
877 - Measuring and Reg Station Exp-CG - Demand - Customer - Commodity	D2_Demand	110,205	71,743	11,122	15,751	840		82	10,667	100%
- Customer										0%
- Commodity				111111	1000	*		•		0%
Total		110,205	71,743	11,122	15,751	840		82	10,667	
Total 878 - Meter and House Regulator Exp.		14,896,146								CUS
- Demand		-		2		4		4		0%
- Customer	C7_Metregcus	14,896,146	10,446,990	2,503,486	1,446,325	75,527	43,426	9,469	370,922	100%
- Commodity							1820			0%
Total		14,896,146	10,446,990	2,503,486	1,446,325	75,527	43,426	9,469	370,922	
4									_	
879 - Customer Installation Expenses		2,371,255								cus
- Demand		2 224 255			*****				-	0%
- Customer - Commodity	C4_Metincus	2,371,255	1,666,490	267,306	316,645	18,032	11,157	2,436	89,188	100%
Total		2,371,255	1,666,490	267,306	316,645	18,032	11,157	2,436	89,188	078
879 - Customer Installation Expenses - Demand - Customer - Commodity Total 880 - Other Expenses		2,212,200	2,000,450	201,000	210,043	10,032	24,447	2,400	05,100	
880 - Other Expenses		2,034,041								EXP871-87
- Demand	EXP_871-879_D	275,704	179,482	27,824	39,405	2,102		204	26,687	14%
- Customer	EXP_871-879_C	1,676,190	1,274,110	221,373	134,471	7,062	4,078	898	34,198	82%
- Commodity	EXP_871-879_E	82,147	44,473	7,068	12,053	916	648	291	16,698	4%
Total		2,034,041	1,498,065	256,266	185,928	10,081	4,725	1,392	77,583	
1 2 881 - Rents										
						-	-			
- Demand		1.0	4						140	
							*	- :		

A	В	C	D	E	F	G	н		1	K
Laclede Gas Company				Small	Large	Large		Vehicular		
Allocation of O&M Expenses	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
	Factor	Company	RS	565	LGS	LV	IN .	VF	Transp.	Factor
Total Operations Expenses		36,275,765								
- Demand			2 424 222	107.000		3.30 (0)				
- Customer		4,902,961 29,808,368	3,191,808 22,658,017	494,813	700,747	37,382	2.00	3,627	474,583	
- Commodity		1,564,437	846,955	3,936,768 134,612	2,391,358 229,535	125,587 17,452	72,519	15,961	608,157	
P Total	_	36,275,765	26,696,780	4,566,193	3,321,640	180,422	12,331 84,850	5,540 25,128	318,011	
				1,500,250	3,322,040	100,422	44,030	25,128	1,400,752	
Maintenance Expense										
885 - Maintenance Sup. and Engine.		2,740,753								EXP887-893
- Demand - Customer	EXP_887-893_D	962,790	626,773	97,166	137,605	7,341		712	93,194	35%
	EXP_887-893_C	1,777,963	1,538,978	154,243	65,417	3,142	1,689	389	14,105	65%
					- 1					0%
Total 886 - Maintenance of Str. and Impr.	9	2,740,753	2,165,750	251,409	203,022	10,483	1,689	1,101	107,299	
886 - Maintenance of Str. and Impr.		810,702								
- Demand	EXP_887-893_D	284,789	195 306	20.744	40 700			20.		EXP887-89.
- Customer	EXP_887-893_C	525,913	185,396	28,741	40,703	2,171		211	27,566	35%
- Commodity	ENT_007-035_C	323,313	455,222	45,624	19,350	930	500	115	4,172	65%
Total		810,702	640,619	74,366	60,053	3,101	500	326	24 700	0%
			010,025	14,500	00,033	3,101	300	326	31,738	
887 - Maintenance of Mains		8,162,916								PLT376MAIN
- Demand - Customer	D2_Demand	5,066,082	3,298,000	511,276	724,061	38,626		3,748	490,373	62%
- Customer	C1_customers	3,096,834	2,900,482	177,392	17,817	326	99	38	678	38%
- Commodity										0%
Total		8,162,916	6,198,482	688,668	741,878	38,952	99	3,786	491,051	0,5
- Commodity Total - - - - - - - - - - - - - - - - - - -		enn ene							3910 245	
- Demand		673,931								DEM
- Customer	D2_Demand	673,931	438,727	68,014	96,320	5,138		499	65,233	100%
- Commodity					•		-			0%
Total		673,931	438,727	50.014					4	0%
- Commodity Total 30 890 - Maint. of Meas. and Reg. Eq-Ind		6/3,931	438,727	68,014	96,320	5,138		499	65,233	
890 - Maint. of Meas. and Reg. Eq-Ind		60,228								CUS
- Demand - Customer - Commodity					2			-		
- Customer	C14_385cus	60,228		12,507	33,789	2,080	1,287	278		0% 100%
- Commodity				22,001	55,765	2,000	1,207	2/6	10,287	0%
Total		60,228		12,507	33,789	2,080	1,287	278	10,287	U28
Total Total 891 - Maint. of Meas. and Reg. Eq-CG									25,007	
		34,503								DEM
- Demand	D2_Demand	34,503	22,461	3,482	4,931	263	-	26	3,340	100%
- Customer			-			-			2.7	0%
- Customer - Commodity Total		24 502	22.101	4 142	-	- 190		14	- 1	0%
1		34,503	22,461	3,482	4,931	263		26	3,340	
892 - Maintenance of Services		4,715,313							-	cus
- Demand		4,715,515				- 2				
- Customer - Commodity	C6_services	4,715,313	4,372,234	266,089	69,726	2,288	-	242		0%
- Commodity		.,, 15,515	7,3,2,234	200,009	09,720	2,288	605	243	4,127	100%
Total		4,715,313	4,372,234	266,089	69,726	2,288	605	243	4,127	0%
		47-5340-02		2.50,003	03,720	2,200	603	243	4,127	
893 - Maint, of Meters and House Reg.		2,791,294								CUS
- Demand			100			4	4			0%
B - Demand 9 - Customer	C7_Metregcus	2,791,294	1,957,595	469,112	271,018	14,152	8,137	1,774	69,505	100%
	The second secon			1073.000	and the same of	Christian Control	2422	1961/6	,	0%
Commodity Total										

A	В	C	D	E	F	G	Н		J	K
Lacinde Gas Company Allocation of O&M Expenses	Allocation	Total	Residential	Small General Srv	Large General Srv	Large Volume	Interruptible	Vehicular Fuel	Transportation	Classificatio
	Factor	Company	RS	SGS	Les	LV		VF	Transp	Factor
894 - Maintenance of Other Equipment		356,692								
- Demand	EXP_887-893_D	125,301	81,570	12,646	17,908			065	Jan est	EXP887-89
- Customer	EXP_887-893_C	231,391	200,288	20,074	8,514	955 409	220	93	12,129	35%
- Commodity			200,200	20,074	0,514	409	220	51	1,836	65% 0%
Total		356,692	281,859	32,719	26,422	1,364	220	143	13,964	U7a
Total Maintenance Expense		20 245 220							71411	
- Demand		20,346,332								
- Customer		7,147,397 13,198,935	4,652,928	721,325	1,021,529	54,495	-	5,287	691,834	
- Commodity		13,130,333	11,424,799	1,145,040	485,630	23,328	12,537	2,889	104,710	
Total	-	20,346,332	16,077,727	1,866,365	1,507,159	77,823	12,537	0.176	700 544	
				2,000,303	1,507,155	11,023	12,557	8,176	796,544	
Total Distribution O&M Expenses		56,622,097								
- Demand		12,050,358	7,844,736	1,216,138	1,722,276	91,877		8,914	1,166,417	
- Customer		43,007,302	34,082,817	5,081,808	2,876,989	148,915	85,056	18,850	712,868	
- Commodity Total	-	1,564,437	846,955	134,612	229,535	17,452	12,331	5,540	318,011	
Total		56,622,097	42,774,508	6,432,558	4,828,799	258,244	97,387	33,304	2,197,296	
Customer Account Expense										
901 - Supervision										
- Demand			1,2		10.0					
- Customer					1.6					
- Commodity										
Total									00	
902 - Meter reading expense		8,680,331								
- Demand		0,000,331								cus
- Customer	C1_customers	8,680,331	8,129,963	407 224	40.041	-	-	1		0%
- Commodity	ez_customers	3,000,331	5,129,963	497,224	49,941	915	279	106	1,902	100%
Total		8,680,331	8,129,963	497,224	49,941	915	279	106	1,902	0%
					34.0	323	2.0	100	1,302	
903 - Customer records & collections		19,065,392								CUS
- Demand	20.00	•	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7.15				100		0%
- Customer - Commodity	C11_903cus	19,065,392	17,831,316	1,150,236	78,789	1,444	439	168	3,000	100%
Total		19,065,392	17,831,316	1 150 225	70.700	110			•	0%
		19,063,392	17,831,316	1,150,236	78,789	1,444	439	168	3,000	
904 - Uncollectible expense		8,059,990								CUS
- Demand		.012					1961	12.	- 1	0%
- Customer	C12_904cus	8,059,990	7,511,056	548,934	0.0					100%
- Commodity					- 4					0%
Total		8,059,990	7,511,056	548,934			19	7	4	
905 - Miscellaneous Customer Service		119,381							-	
- Demand		113,361		44						cus
- Customer	EXP_902-904_C	119,381	111,601	7,323	429	8	2	1	16	0%
- Commodity				.,5	-			1	16	100%
Total		119,381	111,601	7,323	429	8	2	1	16	U/a
Total Customar Assault		22.21.41.22.		1904.0					40	
Total Customer Account Expenses		35,925,094								
- Demand		and the		1000						
- Customer - Commodity		35,925,094	33,583,936	2,203,718	129,160	2,367	720	275	4,918	
- Commodity Total	_	35,925,094	22 502 025	2 200 200						
A CONTRACTOR OF THE PARTY OF TH		33,323,034	33,583,936	2,203,718	129,160	2,367	720	275	4,918	

A	В	C	D	E	F	G	н		1	К
Laclede Gas Company Allocation of O&M Expenses	Allocation	Total	Residential	Small General Srv	Large General Srv	Large Volume	Interruptible	Vehicular		The state of
	Factor	Company	RS	SGS	LGS	LV	IN	Fuel VF	Transportation Transp.	Classificatio Factor
									110/18/21	10000
Customer Service & Informational Expense 907 - Supervision										
- Demand	_									
- Customer		1	(5)			- 10		1.0		
- Commodity		_	-				- 1		•	
Total		14				0.0				
908 - Customer Assistance		4.574.110								
- Demand		4,674,118	2							CUS
- Customer	C9_Residcus	4,674,118	4,674,118				2		•	0%
- Commodity		-	-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							100%
Total		4,674,118	4,674,118	-						0%
909 - Info & Inst Advertising		00.515								
- Demand		98,614								CUS
- Customer	C1_customers	98,614	92,361	5,649	567	- 10	*		*.	0%
- Commodity	ox_costonicis	-	92,301	5,649	567	10	3	1	22	100%
Total		98,614	92,361	5,649	567	10	3	1	22	0%
Total Customer Service Expenses		0.666							***	
- Demand	-	4,772,732								
- Customer		4,772,732	4,766,479	5,649	-	-		9	•	
- Commodity		-	4,766,479	5,649	567	10	3	1	22	
Total		4,772,732	4,766,479	5,649	567	10	3	1	22	
						-	7		22	
Sales & Advertising Expense 911 - Supervision		328,536								
- Demand		328,336			4					CUS
- Customer	EXP_912-913_C	328,536	132,100	178,479	17,926	9	3	1	-	0%
- Commodity				-	-	-			18	100%
Total		328,536	132,100	178,479	17,926	9	3	1	18	078
912 - Demonstration and selling		1 215 970								
- Demand		1,215,870								CUS
- Customer	C13_912cus	1,215,870	414,750	727,931	73,113	22	7	3	45	0%
- Commodity		*		,	, 3,113	-		3	45	100%
Total		1,215,870	414,750	727,931	73,113	22	7	3	45	U/m
913 - Advertising		138,699								
- Demand		138,699								cus
- Customer	C1_customers	138,699	129,905	7,945	798	15	4	2	- 30	0%
- Commodity			-	1,545	750	-			30	100%
Total		138,699	129,905	7,945	798	15	4	2	30	070
916 - Misc Sales Expense										
- Demand	_									
- Customer			-	2	_			2		
- Commodity		12			7			*		
Total	- 1				+	2	- 4			
Total Sales Expense		1 602 105								
- Demand	_	1,683,105								
- Customer		1,683,105	676,755	014 254	01 020	-		*		
- Commodity		2,003,103	0/0,/33	914,354	91,838	45	14	.5	94	
Total	-	1,683,105	676,755	914,354	91,838	45	14	5	94	

Α	В	C	D	E	F	G	Н	1	J	K
Laclede Gas Company				Small	Large	Large	- Carlon	Vehicular		
Allocation of O&M Expenses	Allocation	Total	Residential	General Srv	General Stv	Volume	Interruptible	Fuel	Transportation	Classification
	Factor	Company	R5	5GS	LGS	LV	IN	VF	Transp.	Factor
Administrative & General Expense										
Operations										
920 - A&G Salaries	_	20,728,266							-	
- Demand	EXP_Non-A&G_D	3,619,330	2,398,764	372,489	F22.000		-	0.000	Secure	NONAGOPE
- Customer	EXP_Non-A&G_C	16,949,210	14,784,733	1,452,631	522,900 549,535	26,256	70	2,277	296,573	17%
- Commodity	EXP Non-A&G E	159,726	80,025	12,715	21,641	26,258 1,641	14,343	3,290 519	118,420	82%
Total		20,728,266	17,263,521	1,837,836	1,094,076	54,155	15,565	6,086	42,034 457,027	1%
11.11.01.00		1001010000	2012-2012-201	2,251,555	2,054,070	34,233	13,303	5,000	457,027	
921 - Office supplies		1,325,382								NONAGOPE
- Demand	EXP_Non-A&G_D	231,423	153,379	23,817	33,435	1,679	4	146	18,963	17%
- Customer	EXP_Non-A&G_C	1,083,746	945,348	92,882	35,138	1,679	917	210	7,572	82%
- Commodity	EXP_Non-A&G_E	10,213	5,117	813	1,384	105	74	33	2,688	1%
Total		1,325,382	1,103,843	117,513	69,956	3,463	995	389	29,223	
922 - Administrative Expense Transfer		(12,025,514)							_	
- Demand	EXP_Non-A&G D			44.2.4.4	140000	6.35500				NONAGOPE
- Customer	EXP_Non-A&G_D	(2,099,756) (9,833,093)	(1,391,644)	(216,100)	(303,361)	(15,233)	(41)	(1,321)	(172,057)	17%
- Commodity	EXP Non-A&G E	(92,665)	(8,577,370) (46,426)	(842,745)	(318,813)	(15,234)	(8,321)	(1,909)	(68,702)	82%
Total	LXI_HOII-AGO_L	(12,025,514)	(10,015,441)	(7,377)	(12,555) (634,729)	(952)	(668)	(301)	(24,386)	1%
		(22,020,024)	(10,015,441)	(1,000,221)	(034,723)	(31,418)	(9,030)	(3,531)	(265,144)	
923 - Outside services employed		10,302,849								NONAGOPE
- Demand	EXP_Non-A&G_D	1,798,964	1,192,290	185,143	259,904	13,051	35	1,132	147,410	17%
- 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%
- Commodity	EXP_Non-A&G_E	79,391	39,776	6,320	10,757	816	573	258	20,893	1%
Total		10,302,849	8,580,720	913,484	543,803	26,918	7,737	3,025	227,162	
924 - Property insurance		662 700								
- Demand		663,789	058100	24-515						TOTPLT
- Customer	Plant_Total_D Plant_Total_C	205,745	135,230	20,983	29,576	1,528	2	140	18,287	31%
- Commodity	Plant_rotal_C	458,044	413,413	30,481	11,340	515	252	63	1,980	69%
Total		663,789	548,643	51,464	40,916	2,043	**	7	-	0%
		003,703	340,043	31,464	40,916	2,043	254	203	20,267	
925 - Injuries and damages		6,254,665								NONAGOPE
- Demand	EXP_Non-A&G_D	1,092,117	723,817	112,397	157,783	7,923	21	687	89,490	17%
- Customer	EXP_Non-A&G_C	5,114,351	4,461,230	438,325	165,820	7,923	4,328	993	35,733	82%
- Commodity	EXP_Non-A&G_E	48,197	24,147	3,837	6,530	495	348	156	12,683	1%
Total		6,254,665	5,209,193	554,559	330,133	16,341	4,697	1,836	137,906	
926 - Employed pensions & benefits		25 515 042							_	
- Demand	EXP Non-A&G D	36,516,843		222.272	1001.000	1000				NONAGOPE
- Customer	EXP_Non-A&G_D EXP_Non-A&G_C	6,376,148	4,225,886	656,212	921,189	46,255	123	4,012	522,470	17%
- Commodity	EXP_Non-A&G_C EXP_Non-A&G_E	29,859,306 281,388	26,046,161 140,979	2,559,090 22,400	968,112	46,259	25,269	5,796	208,621	82%
Total	EAT HOIL-MAKE E	36,516,843	30,413,027		38,125	2,891	2,029	914	74,050	1%
		30,210,043	30,413,027	3,237,702	1,927,426	95,405	27,421	10,721	805,141	
928 - Regulatory commission expense		2,022,110								CUS
- Demand		•					.2.	2		0%
- Customer	D3_totalrevenues	2,022,110	1,607,340	160,335	152,774	11,058	5,800	1,079	83,723	100%
- Commodity	Alexandra (a)						-,	-,5,5	03,723	0%
Total		2,022,110	1,607,340	160,335	152,774	11,058	5,800	1,079	83,723	

A	В	C	D	E	F	G	н	1	- 1	K
Laciede Gus Company				Small	Large	Large		Vehicular.		
Allocation of O&M Expenses	Allocation	Total	Residential	General Srv	General Srv	Volume	interruptible	Fuel	Transportation	Classification
	Factor	Company	R5	5G5	LGS	LV	IN		Transp.	Factor
930 - Misc. General Expenses		3,127,102							-	NONAGOPE
- Demand	EXP Non-A&G D	546,018	361,882	56,194	78,886	3,961	11	244		
- Customer	EXP_Non-A&G_C	2,556,987	2,230,450	219,146	82,904	3,961		344	44,741	17%
- Commodity	EXP Non-A&G E	24,097	12,073	1,918	3,265	248	2,164 174	496 78	17,865	82%
Total	LAT NON-AUG_C	3,127,102	2,604,405	277,259	165,054	8,170	2,348	918	6,341 68,948	1%
		3,127,102	2,004,405	211,233	105,054	0,170	2,340	318	00,948	
931 - Rents		2,148,699								PTD PLANT
- Demand	Plant Dist_D	666,460	433,863	67,260	95,253	5,081		493	64,510	31%
- Customer	Plant Dist C	1,482,239	1,337,813	98,639	36,697	1,665	815	203	6,408	69%
- Commodity	V		****		*			-		0%
Total	,	2,148,699	1,771,676	165,899	131,949	6,747	815	696	70,918	
4.74										
Total Operations Expenses		71,064,191								
- Demand		12,436,450	8,233,467	1,278,396	1,795,564	90,502	225	7,909	1,030,387	
- Customer		58,117,394	50,597,772	4,930,807	1,956,649	97,136	52,696	11,855	470,480	
- Commodity		510,346	255,690	40,627	69,146	5,243	3,681	1,657	134,303	
Total	_	71,064,191	59,086,928	6,249,830	3,821,359	192,881	56,602	21,422	1,635,169	
Maintenance 932 - Maintenance of general plant		200 270							_	
		208,378	44640	4.157	0.000					GENPLT
- Demand - Customer	Plant_Gen_D	64,148	42,162	6,542	9,221	476	1	44	5,701	31%
- Commodity	Plant_Gen_C	144,230	130,176	9,598	3,571	162	79	20	624	69%
Total		208,378	172,339	*****	40.700	· ·	-	7		0%
Total		208,378	1/2,339	16,140	12,792	638	80	63	6,325	
Payroll Adjustment										
Payroll Adjustment		7,596,534								NONAGOPE
- Demand	EXP_Non-A&G_D	1,326,419	879,104	136,511	191,633	9,622	26	835	108,689	17%
- Customer - Commodity	EXP_Non-A&G_C	6,211,579	5,418,337	532,363	201,395	9,623	5,257	1,206	43,399	82%
- Commodity	EXP_Non-A&G_E	58,537	29,328	4,660	7,931	601	422	190	15,405	1%
Total		7,596,534	6,326,768	673,533	400,959	19,847	5,704	2,230	167,492	
Total A&G Expense		78,869,102								
- Demand		13,827,017	9,154,733	1,421,449	1,996,419	100 501	252	0.700	4 444 777	
- Customer		64,473,203	56,146,285			100,601		8,788	1,144,777	
- Customer - Commodity		568,883	285,017	5,472,768 45,287	2,161,614 77,077	106,921 5,844	58,032	13,081	514,502	
Total	-	78,869,102	65,586,035	6,939,504	4,235,110	213,366	4,103 62,386	1,847	149,707	
10.01		70,003,102	02,200,032	0,333,304	4,233,110	213,500	02,380	23,715	1,808,986	
Total O&M Expense		180,822,158								
- Demand		29,183,408	19,405,225	3,014,223	4,224,618	209,714	668	17,766	2,311,194	
- Customer		149,861,435	129,256,272	13,678,297	5,260,167	258,258	143,825	32,212	1,232,403	
- Commodity		1,777,315	890,456	141,487	240,806	18,259	12,818	5,770	467,719	
Total		180,822,158	149,551,953	16,834,007	9,725,592	486,231	157,311	55,748	4,011,316	

A	В	C	D	E	F	G	H		1	K
Laclede Gas Company				Small	Large	Large		Vehicular		
Allocation of Depreciation and	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
Amortization	Factor	Company	RS	SGS	LGS	LV	IN	VE	Transp.	Factor
Intangible Plant										
301 - Organization Costs										NINTPLT
- Demand	Plant Nonint_D			5					- 1	31%
- Customer	Plant Nonint_C					•				69%
- Commodity										0%
Total										
Lacarate										
302 - Franchise and Consents										NINTPLT
- Demand	Plant Nonint_D			*		-				31%
- Customer	Plant Nonint_C	*							-	69%
- Commodity	•	*	*						-	0%
Total				·*·	*				4.	
202 Miss Intensible Pines										
303 - Misc. Intangible Plant										
- Demand				-						
- Customer										
- Commodity	_	-		-	•				•	
Total							*			
Total laborathic Black										
Total Intangible Plant		-								
- Demand		•					*.			
- Customer					•		*			
- Commodity	_					-		•		
Total						•	1.7			
Production Plant										DEM
304 - Land & Land Rights-Mfg Gas										
- Demand	Plant GasinvDem			•		2				100%
- Customer		-		•			*			0%
- Commodity		•		-			-	-	-	0%
Total			*		,		7.		17	
305 - Structures & Improvements-Mfg Gas		31,213								DEM
- Demand	Plant GasinvDem		22.712	2555	4 777	163	4	1		100%
- Customer	Flant Gasinvoem	31,213	22,713	3,556	4,777	163			12	0%
- Demand - Customer - Commodity Total										0%
Total		31,213	22,713	3,556	4,777	163	4	1		078
Total		31,213	22,715	3,330	4,///	105		*		
307 - Other Power Equipment		5,566								DEM
- Demand	Plant GasInvDem	5,566	4,050	634	852	29	1	0		100%
- Customer	riant Gasinvoen	3,300	4,030							0%
- Commodity Total 311 - Propane Equipment-Gas Ops										0%
Total		5,566	4,050	634	852	29	1	0		
		-,			75.60	100		-		
311 - Propane Equipment-Gas Ops		176,219								DEM
- Demand	Plant GasinvDem	176,219	128,232	20,076	26,967	919	22	3		100%
- Demand - Customer	- and Gashivacin		120,252	20,070	20,50					0%
- Commodity Total										0%
a sommony					26,967	919	22	3		

A	В	c	D	E	F	G	Н	1	J	K
Liclede Gas Company				Small	Large	Large		Vehicular		
Allocation of Depreciation and Amortization	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classificatio
Amortization	Factor	Company	RS	SGS	LGS	LV	IN .	VF	Transp.	Factor
311.1 - Propane Storage Cavern-Gas Ops		53,610							-	DEM
311.1 - Propane Storage Cavern-Gas Ops - Demand	Plant GasInvDem	53,610	39,011	6,107	8,204	280	7	1		100%
- Demand - Customer - Commodity			-	150	-					0%
- Commodity		•							-	0%
Total		53,610	39,011	6,107	8,204	280	7	1		
Total Production Plant		266,608								
- Demand	_	266,608	194,007	30,373	40,799	1,390	34	5		
- Demand - Customer - Commodity				-	-	-				
- Commodity	_			-		186			4	
Total		266,608	194,007	30,373	40,799	1,390	34	5	2.	
Underground Storage Plant 350.1 - Land									-	DEM
	Plant GaslnvDem		4.1	19.40	12	-4			-	100%
- Customer	Tiante Gashiva Citi								2	0%
- Commodity			4			- 1				0%
Total				4			4		(+)	
- Demand - Customer - Commodity Total 350.2 - Rights of Way									2	
										DEM
- Demand - Customer	Plant GasInvDem		*						-	100%
- Commodity				•		-	*			0%
Total	Ti I				- :					0%
Total 351.2 - Compression Station Structure						100				
351.2 - Compression Station Structure - Demand		20,404		*						DEM
- Demand	Plant GasinvDem	20,404	14,848	2,325	3,122	106	3	0		100%
- Customer	2.	•	*		1.5				*	0%
- Commodity	H .	20.00	•	* W. C.			-			0%
- Customer - Commodity Total 351.4 - Other Structures		20,404	14,848	2,325	3,122	106	3	0		
351.4 - Other Structures		22,014							E	DEM
- Demand	Plant GasInvDem	22,014	16,020	2,508	3,369	115	3	0		100%
- Customer		-	*		-					0%
- Customer - Commodity	4.0									0%
Total 352 - Wells		22,014	16,020	2,508	3,369	115	3	0		
352 - Wells		74,304							-	
- Demand	Plant GasinvDem			0.455						DEM
- Customer	Plant Gasinvoem	74,304	54,070	8,465	11,371	387	9	(1)	1	100%
- Commodity									- 1	0%
Total		74,304	54,070	8,465	11,371	387	9	1		
352.1 - Storage Leaseholds & Rights									1	
352.1 - Storage Leaseholds & Rights										DEM
- Demand - Customer	Plant GasinvDem	•		*	-					100%
- Customer - Commodity		*	•		•				*	0%
- Commodity Total			- 1	-		-		- :		0%
			1.4						1	
352.2 - Reservoirs		2,989							T	DEM
- Demand	Plant GasInvDem	2,989	2,175	341	457	16	0	0		100%
- Customer			•	120						0%
- Commodity					•					0%
Total		2,989	2,175	341	457	16	0	0		

A	В	C	D	E	F	G	Н	1)	K
Laclede Gas Company				Small	Large	Large		Vehicular		
Allocation of Depreciation and	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classificatio
Amortization	Factor	Company	R\$	SGS	LGS	LV	IN	VF	Transp.	Factor
and the second s		20000							1	
352.3 - Non-Recoverable Natural Gas		72,190								DEM
- Demand	Plant GasInvDem	72,190	52,532	8,224	11,047	376	9	1		100%
- Customer	*					•				0%
- Commodity Total		70.400	-	*	* *	376	9	1	•	0%
iotai		72,190	52,532	8,224	11,047	3/6	9	1		
352.4 - Wells - Oil & Vent Gas		23,580							T	DEM
- Demand	Plant GasInvDem	23,580	17,159	2,686	3,609	123	3	0		100%
- Customer	- Indicassinisein	-	-	2,000	-					0%
- Commodity										0%
Total		23,580	17,159	2,686	3,609	123	3	0		
			20 K22 E							
353 - Lines		33,654								DEM
- Demand	Plant GasInvDem	33,654	24,489	3,834	5,150	175	4	1	-	100%
- Customer	-						-	-		0%
- Commodity						•	-			0%
Total		33,654	24,489	3,834	5,150	175	4	1		
354 - Compressor Station Equipment		33,522							1	DEM
- Demand	Plant GasinvDem	33,522	24,394	3,819	5,130	175	4	1		100%
- Customer	Plant Gasinybern	33,322	24,394	3,819	5,130	1/3				0%
- Commodity										0%
Total		33,522	24,394	3,819	5,130	175	4	1		
			7.0		-,					
355 - Measuring & Regulating Equipment		40,231								DEM
- Demand	Plant GasinvDem	40,231	29,275	4,583	6,157	210	5	1		100%
- Customer	*		•					1.6		0%
- Commodity	4	- · k				9.1				0%
Total		40,231	29,275	4,583	6,157	210	5	1		
356 - Purification Equipment		5,546								DEM
	Diant CaslauDer		4.025	can	940	20				
- Demand - Customer	Plant GasinvDem	5,546	4,036	632	849	29	1	0		100%
- Costoner - Commodity										0%
Total		5,546	4,036	632	849	29	1	0	- 4	0,0
105550		5,5 .0	,,,,,,		2.13					
357 - Other Equipment		3,044								DEM
- Demand	Plant GasInvDem	3,044	2,215	347	466	16	0	0		100%
- Customer	*	-		-			-		-	0%
- Commodity				•		- 2			- 1	0%
Total		3,044	2,215	347	466	16	0	0		
Total Underground Storage Plant		221 470								
	_	331,479	***			1 444	45	12.7		
- Demand		331,479	241,213	37,763	50,727	1,728	42	6		
- Customer - Commodity			•	•				- •		
- Commodity Total	-	331,479	241,213	37,763	50,727	1,728	42	- 6	-	-7
Total		331,479	241,213	37,703	50,727	1,728	42	6		

A	В	C	D	E	F	G	Н	1	1	K
Laclede Gas Company				Small	Large	Large		Vehicular		100
Allocation of Depreciation and	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
Amortization	Factor	Company	RS	565	LGS	LV	-IN	VF	Transp.	Factor
Other Storage Equipment 360 - Land & Land Rights										DEM
- Demand	Plant GasInvDem					14			- 1	100%
- Customer	Flant Gashivothi	2			2					0%
- Commodity										0%
Total	*			•	•					
									_	
361 - Structures & Improvements									2	DEM
- Demand	Plant GasInvDem	•		•					-	100%
- Customer	-			•						0%
- Commodity Total	*	•				-			-	0%
Total									-5	
362 - Gas Holders										DEM
- Demand	Plant GasinvDem									100%
- Customer				-						0%
- Commodity							-			0%
Total				**		,			-	
363.3 - Compressor Equipment										DEM
	Block Scales Borns									100%
- Demand - Customer	Plant GasInvDem		•							0%
- Commodity										0%
Total										- 470
Total Other Storage Equipment										
- Demand				-		-	-			
- Customer						(5)				
- Commodity						-				
Total							-	•		
Transmission Plant	-									
365.2 - Rights-of-Way										DEM
- Demand	D2_Demand						-			100%
- Customer									1.4	0%
- Commodity										0%
Total			•		•		*			
367 - Mains		28,999								DEM
- Demand	D2_Demand	28,999	18,878	2,927	4,145	221		21	2,807	100%
- Customer	D2_Demand	28,999	10,070	2,321	4,145	- 221	5	-	2,807	0%
- Commodity										0%
Total		28,999	18,878	2,927	4,145	221		21	2,807	
371 - Other equipment		225								DEM
- Demand	D2_Demand	225	146	23	32	2	*	0	22	100%
- Customer		3	•		*				-	0%
- Commodity	-	225	146	23	32	2		0	22	.0%
Total		225	146	23	32	2		0	22	
Total Transmission Plant		29,224								
- Demand		29,224	19,025	2,949	4,177	223		22	2,829	
- Customer										
- Commodity	-				4					
Total	_	29,224	19,025	2,949	4,177	223		22	2,829	

	В	С	D	E	F	G	H		J	K
aclede Gas Company Allocation of Depreciation and Amortization	Allocation Factor	Total Company	Residential RS	Small General Srv SGS	Large General Srv LGS	Large Volume LV	Interruptible	Vehicular Fuel VF	Transportation Transp.	Classification Factor

A	В	C	D	E	F	G	Н	4	1	K
Laclede Gas Company				Small	Large	Large		Vehicular		
Allocation of Depreciation and Amortization	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
Amortization	Factor	Company	R5	SGS	LGS	LV	IN	VF	Transp.	Factor
Name and the particular of the										
Distribution Expense 374 - Land & Land Rights										0.60.76.00
- Demand	Plant_376-379_D		.17						-	DIS376-379
- Customer	Plant_376-379_C						1.0			63% 37%
- Commodity					-		3			0%
Total		•		120		- 1		-		020
275 5										
375 - Structures & Improvements		435,714								DIS376-379
- Demand - Customer	Plant_376-379_D	273,993	178,369	27,652	39,160	2,089		203	26,521	63%
- Customer - Commodity	Plant_376-379_C	161,721	151,467	9,264	930	17	5	2	35	37%
Total		435,714	220 025	20000		2111		-	•	0%
Total		435,714	329,835	36,915	40,090	2,106	5	205	26,557	
376.1 - Mains - Steel		3,322,608								DISMAIN
- Demand	D2_Demand	2,062,082	1,342,408	208,108	294,719	15,722		1,525	199,600	62%
- Customer	C1_customers	1,260,525	1,180,603	72,205	7,252	133	40	1,525	276	38%
- Commodity		*	i i i i i i i i i i i i i i i i i i i	*		*				0%
Total		3,322,608	2,523,011	280,313	301,972	15,855	40	1,541	199,876	
376.2 - Mains - Cast Iron									_	
		713,488								DISMAIN
- Demand - Customer	D2_Demand	442,806	288,265	44,689	63,287	3,376		328	42,862	62%
- Commodity	C1_customers	270,682	253,520	15,505	1,557	29	9	3	59	38%
- Commodity Total	-	713,488	541,785	60,194	CA DAT	2 405	•			0%
1000		715,466	341,/83	60,194	64,845	3,405	9	331	42,921	
376.3 - Mains - Plastic		7,094,892							T T	DISMAIN
- Demand	D2_Demand	4,403,244	2,866,494	444,381	629,326	33,572	4	3,257	426,213	62%
- Customer	C1_customers	2,691,648	2,520,987	154,182	15,486	284	86	33	590	38%
- Commodity Total									4	0%
Total 378 - Meas. & Reg. Station - General		7,094,892	5,387,482	598,563	644,812	33,856	86	3,290	426,803	
378 - Meas. & Reg. Station - General		472.704							_	
- Demand	22.2	472,784			2000	63.5			The second	DEM
- Customer	D2_Demand	472,784	307,781	47,714	67,572	3,605	•	350	45,763	100%
- Commodity					-	•			-	0%
- Commodity Total		472,784	307,781	47,714	67,572	3,605		350	AE 769	0%
			551,702		07,572	3,003		330	45,763	
379 - Meas. & Reg. Station - City Gate		105,523								DEM
- Demand	D2_Demand	105,523	68,695	10,650	15,082	805		78	10,214	100%
- Customer	*	•				3		- 20		0%
- Commodity			*				4			0%
Total		105,523	68,695	10,650	15,082	805		78	10,214	
380.1 - Services - Steel		2,025,626							-	2002
- Demand										CUS
- Customer	C6_services	2,025,626	1,878,245	114,308	20.052	-	200	-	. 222	0%
- Commodity	CO_Services	2,023,020	1,070,243	114,308	29,953	983	260	105	1,773	100%
Total		2,025,626	1,878,245	114,308	29,953	983	260	105	1,773	U76
380.2 - Services - Plastic		CACHELOS.	Petropolis	22.,000	25,555	303	200	103	1,773	
380.2 - Services - Plastic		24,216,098								CUS
- Demand	11.05							100		0%
- Customer	C6_services	24,216,098	22,454,173	1,366,533	358,086	11,753	3,107	1,250	21,195	100%
- Customer - Commodity Total		-				-		- 1		0%
Total		24,216,098	22,454,173	1,366,533	358,086	11,753	3,107	1,250	21,195	

A	В	C	D	E	F	G	Н	1	J	K
Laclede Gas Company	The second second			Small	Large	Large		Vehicular		10.00
Allocation of Depreciation and	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
Amortization	Factor	Company	RS	SGS	LGS	1V	IN	VF	Transp.	Factor
		and the second								
381 - Meters		3,070,122								cus
- Demand	* 1	The same of the sa		•		*	2		•	0%
- Customer	C3_meters	3,070,122	2,564,647	363,211	112,688	3,722	2,487	555	22,811	100%
- Commodity	•	•	•				-	*	*	0%
Total		3,070,122	2,564,647	363,211	112,688	3,722	2,487	555	22,811	
383 - House Regulators		511,362								CUS
- Demand		511,502								0%
- Customer	CS_Regcus	511,362	372,859	48,285	66,940	4,978	2,183	504	15,612	100%
- Commodity	C5_Regcus	511,362	3/2,839	48,285	66,340	4,376	2,103	304	15,612	0%
Total	-	511,362	372,859	48,285	66,940	4,978	2,183	504	15,612	078
rotal		311,362	3/2,039	40,203	00,540	4,370	2,203	504	15,012	
385 - Commercial & Ind Meas & Reg Eq		470,614								CUS
- Demand									-	0%
- Customer	C14 385cus	470,614		97,725	264,023	16,251	10,057	2,174	80,384	100%
- Commodity										0%
Total		470,614		97,725	264,023	16,251	10,057	2,174	80,384	
				2000000	And Department	2000		1300		Lane and
386 - Other Property - Customer Premises		1,640								CUS
- Demand	-	-					-		9	0%
- Customer	C1_customers	1,640	1,536	94	9	0	0	0	0	100%
- Commodity					¥					0%
Total		1,640	1,536	94	9	0	0	0	0	
									_	1/
387 - Other Equipment		11,289								CUS
- Demand	-	-		•				•	*	0%
- Customer	Plant_374-386_C	11,289	10,189	751	279	13	6	2	49	100%
- Commodity						*		•		0%
Total		11,289	10,189	751	279	13	6	2	49	
Total Distribution Plant		42,451,760								
	_		C 052 011	702 102	1 100 145	CO 1 CO	-	E 741	751 172	
- Demand		7,760,433	5,052,011	783,193	1,109,146	59,169	18,241	5,741 4,643	751,173 142,785	
- Customer - Commodity		34,691,327	31,388,226	2,242,064	857,205	38,163	10,241	4,043	142,763	
Total		42,451,760	36,440,238	3,025,257	1,966,351	97,332	18,241	10,384	893,958	
Total		42,431,760	30,440,238	3,023,237	1,500,331	31,332	10,241	10,504	033,330	
General Plant Expense										
389 - Land									Г	PTD PLA
- Demand	PTD_D		12.							31%
- Customer	PTD_C									69%
- Commodity					*					0%
Total				(*)						
390 - Structures & Improvements		17,099								PTD PLA
- Demand	PTD_D	5,304	3,486	541	762	39	0	4	471	31%
- Customer	PTD_C	11,795	10,646	785	292	13	6	2	51	69%
- Commodity	C/									0%
Total		17,099	14,132	1,326	1,054	53	7	5	522	
		999-200	-							
391 - Furniture & Fixtures		133,484							900	PTD PLA
- Demand	PTD_D	41,403	27,213	4,222	5,952	308	0	28	3,680	31%
- Customer	PTD_C	92,082	83,109	6,128	2,280	103	51	13	398	69%
- Commodity									-	0%
Total		133,484	110,322	10,350	8,231	411	51	41	4,078	

A	В	C	D	E	F -	G	Н	1	1	K
aclede Gas Company				Small	Large	Large		Vehicular		10.0
Allocation of Depreciation and	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
Amortization	Factor	Company	R5	SGS	LGS	LV	IN	VF	Transp	Factor
391.1 - Data Processing Systems		2,578,339								DEP BUTE
The second secon	272.2		cor cos	01.550	*****	5040		***	74 070	PTD PLAN
- Demand	PTD_D	799,722	525,631	81,559	114,960	5,940	8	544	71,079	31%
- Customer - Commodity	PTD_C	1,778,618	1,605,313	118,362	44,034	1,998	978	243	7,689	69%
Total	-	2,578,339	2,130,944	199,921	158,994	7,938	986	788	78,768	U7a
		2,510,555	2,230,344	133,321	130,334	7,330	300	700	70,700	
391.2 - Mechanical Office Equipment		3,056								PTD PLAN
- Demand	PTD_D	948	623	97	136	7	0	1	84	31%
- Customer	PTD_C	2,108	1,903	140	52	2	1	0	9	69%
- Commodity									-	0%
Total		3,056	2,526	237	188	9	1	1	93	
									-	
391.3 - Data Processing Software		<u> </u>								PTD PLAN
- Demand	PTD_D		•		•				-	31%
- Customer - Commodity	PTD_C				*				-	69%
- Commodity Total	-		-		-		- :	<u>:</u>	-	0%
iotai								-		
391.4 - Data Processing Systems		32,998								PTD PLAN
- Demand	PTD_D	10,235	6,727	1,044	1,471	76	0	7	910	31%
- Customer	PTD_C	22,763	20,545	1,515	564	26	13	3	98	69%
- Commodity										0%
Total		32,998	27,272	2,559	2,035	102	13	10	1,008	
and a service and the service and									_	
391.5 - Enterprise Software-EIMS		<u>-</u>								PTD PLAN
- Demand	PTD_D				*			*		31%
- Customer	PTD_C		•		•					69%
- Commodity Total	*		-	-	-					U%
Total								-		
392.1 - Transportation Eq - Automobiles		415,501								PTD PLAT
- Demand	PTD_D	128,876	84,706	13,143	18,526	957	1	88	11,454	31%
- Customer	PTD_C	286,626	258,697	19,074	7,096	322	158	39	1,239	69%
- Commodity									-	0%
Total		415,501	343,403	32,217	25,622	1,279	159	127	12,693	
202.2 T		4 252 553							-	PTD PLAN
392.2 - Transportation Eq - Trucks	-	1,353,582			*****				27.575	TINES HE STATE
- Demand	PTD_D	419,840	275,947	42,817	60,352	3,118	4	286	37,315	31%
- Customer - Commodity	PTD_C	933,743	842,761	62,138	23,117	1,049	513	128	4,037	69%
- Commodity Total	•	1,353,582	1,118,708	104,955	83,469	4,167	518	414	41,352	U%
		4,000,002	1,110,700	104,555	65,465	4,107	510	-24	44,332	
393 - Stores Equipment		7,382								PTD PLA
- Demand	PTD_D	2,290	1,505	234	329	17	0	2	204	31%
- Customer	PTD_C	5,092	4,596	339	126	6	3	1	22	69%
- Commodity		L. W.					+			0%
Total		7,382	6,101	572	455	23	3	2	226	
204 - Tools Shop & Garrer Faultanest		204 205								PTD PLA
394 - Tools, Shop & Garage Equipment	DTD D	384,396	70.055	*****	47.400	000	-		10.507	
- Demand	PTD_D	119,228	78,365	12,159	17,139	886	146	81 36	10,597	31%
- Customer	PTD_C	265,168	239,331	17,646	6,565	298	146	36	1,146	69%
- Commodity										

A	В	C	D	E	F	G	Н		1	K
Laclede Gas Company			The state of the s	Small	Large	Lorge	100	Vehicular		
Allocation of Depreciation and	Allocation	Total	Residential	General Srv	General Srv	Volume	interruptible	Fuel	Transportation	Classification
Amortization	Factor	Company	R5	SGS	LGS	LV	IN	VF	Transp.	Factor
395 - Laboratory Equipment		10,950								PTD PLAN
- Demand	PTD_D	3,396	2,232	346	488	25	0	2	302	31%
- Customer	PTD_C	7,554	6,818	503	187	8	4	1	33	69%
- Commodity	P10_C	7,554	0,010	303	10/	۰	4	1	33	0%
- commonly Fotal	-	10,950	9,050	849	675	34	4	3	335	U76
396 - Power Operated Equipment		1,546,614								PTD PLAN
- Demand	PTD_D	479,712	315,299	48,923	68,958	3,563	5	327	42,637	31%
- Customer	PTD_C					1,199	587	146	4,612	69%
- Customer - Commodity	PID_C	1,066,902	962,945	70,999	26,414	1,199		146	4,612	
and the second s					00.000		*	170	47.040	0%
Total		1,546,614	1,278,244	119,923	95,372	4,762	592	472	47,249	
897.0 - Communication Equipment		61,886								CUS
- Demand										0%
- Customer	PTD_C	61,886	55,856	4,118	1,532	70	34	8	268	100%
- Commodity			-							0%
Fotal		61,886	55,856	4,118	1,532	70	34	8	268	
398 - Miscellaneous Equipment		108,125								PTD PLAN
- Demand	PTD_D	33,537	22,043	3,420	4,821	249	0	23	2,981	31%
- Customer	PTD_C	74,588	67,320	4,964	1,847	84	41	10	322	69%
- Commodity			. ,		-	-				0%
Total		108,125	89,363	8,384	6,668	333	41	33	3,303	
Total General Plant		6,653,413								
- Demand	-	2,044,489	1,343,777	208,506	293,895	15,185	21	1,392	181,713	
- Customer		4,608,924	4,159,841	306,711	114,106	5,178	2,534	630	19,924	
- Commodity		-	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-					200	
Total	_	6,653,413	5,503,617	515,217	408,001	20,363	2,555	2,022	201,637	
		and the same of			- Contour				Photo By	
Less: Depreciation Charged to Clearing										
Depreciation Charged to Clearing	6	(1,129,993)								TOTPLY
- Demand	Plant_Total_D	(350,248)	(230,207)	(35,720)	(50,348)	(2,601)	(4)	(238)	(31,130)	31.00%
- Customer	Plant_Total_C	(779,745)	(703,768)	(51,890)	(19,305)	(876)	(429)	(107)	(3,371)	69.00%
- Commodity										0.00%
Total		(1,129,993)	(933,975)	(87,610)	(69,653)	(3,477)	(432)	(345)	(34,501)	
Add: Amortization										
352.1 - Storage Leaseholds & Rights		406							Г	DEM
- Demand	Plant GasinvDem	406	295	46	62	2	0	0		100%
- Customer	100000 50000000000000000000000000000000						4			0%
- Commodity										0%
Total		406	295	46	62	2	0	0		370
		400								

A	В	C	D	E	F	G	Н			K
Laclede Gas Company				Small	Large	Large		Vehicular		
Allocation of Depreciation and	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classificatio
Amortization	Factor	Company	R5	SGS	LGS	LV	IN	VF	Transp.	Factor
390 - Structures & Improvements		126,256					1000	7		
- Demand			20000	2.55	3.465					PTD PLANT
- Customer	PTD_D	39,161	25,739	3,994	5,629	291	0	27	3,481	31%
- Commodity	PTD_C	87,095	78,609	5,796	2,156	98	48	12	377	69%
- Commodity Total			•		*	*				0%
Total		126,256	104,348	9,790	7,786	389	48	39	3,857	
391.3 - Data Processing Software		2,233,323								PTD PLAN
- Demand	PTD_D	692,708	455,295	70,646	99,577	5,145	7	472	61,568	31%
- Customer	PTD_C	1,540,615	1,390,501	102,524	38,142	1,731	847	211	6,660	69%
- Commodity					,	2,702		211	0,000	0%
Total		2,233,323	1,845,796	173,169	137,719	6,876	854	682	68,228	076
				0,0,000	34.7.34	0,0.0	054	502	00,220	
91.5 - Enterprise Software-EIMS		3,438,162								PTD PLAN
- Demand	PTD_D	1,066,412	700,918	108,758	153,296	7,921	11	726	94,782	31%
- Customer	· PTD_C	2,371,750	2,140,652	157,833	58,719	2,665	1,304	324	10,253	69%
- Commodity	*				7-10-71	-	2,50 *	524	10,255	0%
Total		3,438,162	2,841,570	266,591	212,015	10,585	1,315	1,050	105,035	070
Other Leased Property		469,224								PID PLAN
- Demand	PTD_D	145,539	95,658	14,843	20,921	1.001				In the state of the
- Customer	PTD_C	323,685	292,146	21,540	8,014	1,081	1	99	12,935	31%
- Commodity	1.0_0	323,003	232,140	21,340	8,014	364	178	44	1,399	69%
otal		469,224	387,804	36,383	28,935	1,445	179	143	14,335	0%
Total Amortization						12622		2.0	24,555	
		6,267,370								
- Demand		1,944,225	1,277,905	198,286	279,486	14,439	20	1,323	172,766	
- Customer		4,323,145	3,901,907	287,693	107,031	4,857	2,377	591	18,689	
- Commodity	_			0						
Total		6,267,370	5,179,812	485,979	386,516	19,296	2,397	1,915	191,455	
Total Depreciation and Amortization	_	54,869,862								
- Demand		12,026,210	7,897,731	1,225,351	1,727,881	89,533	113	8,251	1,077,351	
- Customer		42,843,652	38,746,206	2,784,578	1,059,037	47,322	22,724	5,758	178,027	
- Commodity			-		-	.,,		5,756	170,027	
Total		54,869,862	46,643,937	4.009,929	2,786,918	136,854	22.836	14,009	1.255,378	

A	В	C	D	E	F	G	H	1	J	K
Laclede Gas Company			The second second	Small	Large	Large		Vehicular		
Allocation of Taxes Other Than Income	Allocation	Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation	Classification
	Factor	Company	R5	SGS	LGS	iV	IN .	VF	Transp	Factor
Ad Valorem		16,317,372								TOTPLT
- Demand	Plant_Total_D	5,057,668	3,324,241	515,804	727,038	37,565	52	3,443	449,523	31%
- Customer	Plant_Total_C	11,259,705	10,162,584	749,301	278,763	12,650	6,191	1,540	48,675	69%
- Commodity			72/62/18			-	0,252	1,540	40,075	0%
Total	9	16,317,372	13,486,825	1,265,105	1,005,802	50,215	6,243	4,983	498,199	U78
Payroll		5,281,239							-	NONTOTOTPE
- Demand	EXP_TTotal_D	923,399	611,787	94,998	133,380	6,705	17	583	75,928	17%
- Customer	EXP_TTotal_C	4,318,014	3,764,494	368,890	141,597	6,847	3,732	851	31,604	82%
- 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	176
Gross Receipts										
- Demand	_									
- Customer										
- Commodity										
Total		100			· /	-				
Other		314,901								NONTOTOIPE
- Demand	EXP_TTotal_D	55,059	36,479	5,664	7,953	400	1	25	4.500	
- Customer	EXP_TTotal_C	257,468	224,463	21,996	8,443	408	223	35 51	4,527	17%
- Commodity	EXP TTotal E	2,375	1,190	189	322	24	17	8	1,884	82%
Total		314,901	262,132	27,849	16,718	832	241	93	7,037	1%
Total Taxes Other Than Income								-	3,-0	
- Demand	-	6,036,126	3,972,508	616,466	868,371	44,670	71	4,061	529,979	
- Customer		15,835,187	14,151,541	1,140,186	428,803	19,906	10,146	2,441	82,164	
- Commodity		42,200	21,142	3,359	5,718	434	304	137	11,105	
Total		21,913,512	18,145,191	1,760,012	1,302,892	65,009	10,521	6,639	623,248	

	A	В	C	D	E	F	G	н		1
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	R5	SGS	LGS	LV	IN	VF	Transportation Transp.
4										Transp.
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			10006-0046000	0.0000000000000000000000000000000000000	016000000	2 1/002/032	1,001,007	344,034	1/3,/1/	13,030,038
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	10,521	0,033	025,240
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				25 Andres 2		20,020,002	000,252	130,000	70,330	3,003,342
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				,,	5,415,040	11,004,101	1,112,515	755,966	99,322	7,746,116
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									0,002	055,751
21	Net Income Before Taxes		30,513,290	13,684,588	130,714	8,372,357	982,043	736,615	05 000	
22			5.765.77		250,724	0,572,557	362,043	/30,013	86,828	6,520,144
23	State Taxable Income		30,513,290	13,684,588	130,714	8,372,357	982,043	736,615	05 000	
24	Kansas City Income Tax	0.16%	50,255	22,539	215	13,789	1,617	1,213	86,828 143	6,520,144 10,739
25								2,220		10,733
26	State Taxable Income		30,513,290	13,684,588	130,714	8,372,357	982,043	736,615	86,828	5.500.444
27	Missouri State Income Tax	5.19%	1,583,945	710,367	6,785	434,609	50,978	38,238	4,507	6,520,144 338,461
28								30,230	4,507	556,401
29	Federal Taxable Income		30,513,290	13,684,588	130,714	8,372,357	982,043	726.645	06.000	
30	Federal Income Tax	33.03%	10,079,455	4,520,430	43,179	2,765,641	324,398	736,615 243,326	86,828 28,682	5,520,144 2,153,799
31								210,020	20,002	2,133,733
32	Total Income Tax		11,713,656	5,253,336	50,180	3,214,039	376,993	200 777	2,023	2.2250.7
33			22,720,000	5,255,550	30,180	3,214,039	3/0,993	282,777	33,332	2,502,999
34										
35	State Income Tax		1,634,200	732,905	7,001	448,398	50 505		1.000	932.00
36	Federal Income Tax		10,079,455	4,520,430	43,179	2,765,641	52,595 324,398	39,451 243,326	4,650 28,682	349,199
37	Calculated Income Tax		11,713,656	5,253,336	50,180	T			-	2,153,799
38			11,/13,030	3,233,330	50,180	3,214,039	376,993	282,777	33,332	2,502,999
39	Actual Income Taxes		11,713,656	E 252 226	50 400	2 24 4 222		210 223	62/200	2.22.20.00
40			11,/15,036	5,253,336	50,180	3,214,039	376,993	282,777	33,332	2,502,999

A	В	C	D	E	F	G	H	1	1
Laciede Gas Company				Small	Large	Large		Vehicular	
Summary of Allocators		Total	Residential	General Srv	General Srv	Volume	Interruptible	Fuel	Transportation
	Description	Company	RS	SGS	LGS	ĹV	IN	VF	Transp
External Allocators									
	_								
C1_customers	1	100.00%	93.66%	5.73%	0.58%	0.01%	0.00%	0.00%	0.029
C2_depcus		100.00%	70.11%	27.11%	2.72%	0.05%	0.00%	0.00%	0.009
C3_meters		100.00%	83.54%	11.83%	3.67%	0.12%	0.08%	0.02%	0.749
0 C4_Metincus		100.00%	70.28%	11.27%	13.35%	0.76%	0.47%	0.10%	3.769
1 C5_Regcus		100.00%	72.91%	9,44%	13.09%	0.97%	0.43%	0.10%	3.059
2 C6_services		100.00%	92.72%	5.64%	1.48%	0.05%	0.01%	0.01%	0.099
C7_Metregcus		100.00%	70.13%	16.81%	9.71%	0.51%	0.29%	0.06%	2.49
4 C8_Nonlycus		100.00%	93.67%	5.73%	0.58%	0.00%	0.00%	0.00%	0.029
5 C9_Residcus	1	100.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00
6 C10_LgLvcus	1	100.00%	0.00%	0.00%	97.67%	1.79%	0.54%	0.00%	0.00
7 C11_903cus	1	100.00%	93,53%	6.03%	0.41%	0.01%	0.00%	0.00%	0.02
8 C12_904cus		100.00%	93.19%	6.81%	0.00%	0.00%	0.00%	0.00%	0.00
9 C13_912cus		100.00%	34.11%	59.87%	6.01%	0.00%	0.00%	0.00%	0.00
0 C14_385cus	- 1	100.00%	0.00%	20.77%	56.10%	3.45%	2.14%	0.46%	17.08
1 C15_Intcus		100.00%	70.11%	27.11%	2.72%	0.05%	0.00%	0.00%	0.00
2 D1_sales		100.00%	54.14%	8.60%	14.67%	1.12%	0.79%	0.35%	20.33
3 D2_Demand	1	100.00%	65.10%	10.09%	14.29%	0.76%	0.00%	0.07%	9.68
4 D3_totalrevenues		100.00%	79.49%	7.93%	7.56%	0.55%	0.29%	0.05%	4.14
5 D4_NonTranspSales		100.00%	67.95%	10.80%	18.42%	1.40%	0.99%	0.44%	0.00
6 D5_NonTranspDem		100.00%	72.08%	11.17%	15.82%	0.84%	0.00%	0.08%	0.00
7 Plant GasinvDem		100.00%	72.77%	11.39%	15.30%	0.52%	0.01%	0.00%	0.00
8					2010010	0.52,70	0.0174	0.00%	0.00
9 Internal Allocators									
0									
1 Plant_Total_D	1	100.00%	65.73%	10.20%	14.37%	0.74%	0.00%	0.07%	3.899
Plant_Total_C	1	100.00%	90.26%	6.65%	2.48%	0.11%	0.05%	0.01%	0.439
3							0,057	0.0276	0,43,
PTD_D PTD_C		100.00%	65.73%	10.20%	14.37%	0.74%	0.00%	0.07%	8.899
5 PTD_C	1	100.00%	90.26%	6.65%	2.48%	0.11%	0.05%	0.01%	0.439
6						0.2270	0,0570	0.0179	0.43
7 Plant_Gen_D		100.00%	65.73%	10,20%	14.37%	0.74%	0.00%	0.07%	8.89
B Plant_Gen_C		100.00%	90.26%	6.65%	2.48%	0.11%	0.05%	0.01%	0,439
9					27.000	0.2270	0.0370	0.0178	0,43
Plant Dist_D	Г	100.00%	65.10%	10.09%	14.29%	0.76%	0.00%	0.07%	9.68
1 Plant Dist_C	1	100.00%	90.26%	6.65%	2.48%	0.11%	0.05%	0.01%	0.43
2				0.007	2.11079	0.1470	0.0370	0.01%	0.43
3 Plant Nonint_D	Г	100.00%	65.16%	10.10%	14.30%	0.76%	0.00%	0.07%	9.60
4 Plant Nonint_C		100.00%	90.26%	6.65%	2.48%	0.11%	0.05%	0.01%	
5				0,0270	2.40/0	0.1170	0.0376	0,01%	0.43
6 Plant_374-386_C	Г	100.00%	90.26%	6.65%	2.48%	0.11%	0.05%	0.01%	0.43
7			2012.070	0.0378	2,40/8	0.11%	0.05%	0,01%	0.43
8 Plant_376-379_D	Г	100.00%	65.10%	10.09%	14.29%	0.76%	0.00%	0.0707	
9 Plant 376-379 C		100.00%	93.66%	5.73%	0.58%	0.01%	0.00%	0.07%	9.68
0		200.0070	33.00%	3.13/1	U.Jo/6	0.01%	0.00%	0.00%	0.02
1 Plant_MainsSrv_D	Г	100.00%	65.10%	10.09%	14.29%	0.76%	0.00%	0.6500	72
2 Plant_MainsSrv_C		100.00%	92.99%	5.67%	1.23%	0.76%		0.07%	9.68
3		200.0078	32.33/8	J.07/h	1.7.370	0.04%	0.01%	0.00%	0.07
4 Rate Base_Total	г	100.00%	81.93%	8.14%	6.55%	0.32%			
5		200,0070	04.3370	0.74%	0.33%	0.32%	0.04%	0.03%	2.989

	A	8	C		D		E		F		G	Н				J
1	Laclode Gas Company						Small		Large	7	Large		-115	15	Vehicular	
2	Summary of Allocators		Total		Residential		General Srv		General Srv		Volume	interrup	tible		Fuel	Transportation
3		Description	Company		RS		SGS		LGS		LV		IN		VE	Transp.
4	OPEXPDEM	1	100.00%		66.49%				A S Value		15.25.20					
7	OPEXPCUS		100.00%		86.25%		10.33% 9.13%		14.48%		0.72%		0.00%		0.06%	7.929
8	OPEXPCOM		100.00%		50.10%		7.96%		3.51% 13.55%		0.17% 1.03%		0.10% 0.72%		0.02%	0.829
9			200,000		30.1070	_	7.5070		13.3376		1,0376		u. 1270		0.32%	26.329
0	EXP_871-880_D		100.00%		65.10%		10.09%		14.29%		0.76%		0.00%		0.07%	9.689
51	EXP_871-880_C		100.00%		76.01%		13.21%		8.02%		0.42%		0.24%		0.05%	2.049
52	EXP_871-880_E	1	100.00%		54.14%	_	8.60%		14.67%		1.12%		0.79%		0.35%	20.339
4	EXP_871-879_D	1	100.00%		65.10%	-	10.09%		14,29%		0.7694		2 2001			0.00
55	EXP_871-879_C		100.00%		76.01%		13.21%		8.02%		0.76%		0.00%		0.07%	9.689
6	EXP_871-879_E		100.00%		54.14%		8.60%		14.67%		1.12%		0.24% 0.79%		0.05%	2.049
57		4	200,0270		54.2478		6.0078	_	14,0778		1,1276		0.75%		U.3578	20.337
8	EXP_887-893_D		100.00%		65.10%		10.09%		14.29%		0.76%		0.00%		0.07%	9.689
70	EXP_887-893_C		100.00%		86.56%		8.58%		3.68%		0.18%		0.09%		0.02%	0.799
71	EXP_902-904_C	ı	100.00%		93.48%				12 2 2 2 2 2		2-1012					
72	54.7502-304_C	1	100.00%	_	93.48%	_	6.13%	_	0.36%	_	0.01%	_	0.00%	_	0.00%	0.019
73	EXP_912-913_C		100.00%	-	40.21%		54.33%		5.46%		0.00%		0.00%		0.00%	0.019
74	EXP_Non-A&G_D	r					Un also.									
76	EXP_Non-A&G_C		100.00%		66.28%		10.29%		14.45%		0.73%		0.00%		0.06%	8.199
77	EXP_Non-A&G_E		100.00% 100.00%		87.23% 50.10%		8.57%		3.24%		0.15%		0.08%		0.02%	0.709
78	Dir _Hon-Auto_c	1	100.00%		50.10%		7.96%	_	13.55%	_	1.03%		0.72%	_	0.32%	26.325
79	EXP_TTotal_D		100.00%		66.25%		10.29%		14.44%		0.73%		0.00%		0.06%	8.229
30	EXP_TTotal_C		100.00%		87.18%		8.54%		3.28%		0.16%		0.09%		0.02%	0.735
31	EXP_TTotal_E	- 1	100.00%		50.10%	_	7.96%	_	13.55%		1.03%		0.72%		0.32%	26,329
33	Derivation External Allocators															
34	C1_customers_INPUT		646,634		605,635	_	37,040		3,720		68		21		8	142
35			100.00%		93.66%		5.73%		0.58%		0.01%		0.00%		0.00%	0.029
36 37	C2_depcus_INPUT		(6,210,983)	\$	(4,354,825)	5	(1,683,925)		(200 204)		(0.000)					
38			100.00%	-	70.11%	2	27.11%	\$	(169,134) 2.72%	\$	(3,099)	\$	0.00%	>	0.00%	3 -
39			100.00%		70.1170		27.1170		2.1276		0.05%		0.00%		0.00%	0.009
90.	C3_meters_INPUT		193,929,516	\$	162,000,330	5	22,942,868	\$	7,118,114	\$	235,129	\$ 15	7,122	\$	35,042	\$ 1,440,911
92			100.00%		83.54%		11.83%		3.67%		0.12%		0.08%		0.02%	0.749
33	C4_Metincus_INPUT		169,706,034	\$	119,267,441	\$	19,130,593	\$	22,661,656	e	1,290,509	\$ 79	8,490	\$	174,314	\$ 6,383,030
94			100.00%	-	70.28%	-	11.27%		13.35%	-	0.76%		0.47%	_	0.10%	3,76
95			210,211						25.5570		0.7070		0.477		0.10%	3.70.
96	C5_Regcus_INPUT		16,575,580	\$	12,086,074	\$	1,565,141	\$	2,169,827	\$	161,376	\$ 7	0,751	\$	16,350	\$ 506,060
97 98			100.00%		72.91%		9.44%		13.09%		0.97%		0.43%		0.10%	3.05
99	C6_services_INPUT		2,656,341,330	\$	2,463,070,132	\$	149,899,429	\$	39,279,647	s	1,289,202	\$ 34	0,853	•	137,156	\$ 2,324,911
00	Some of the American		100.00%		92.72%		5.64%	_	1.48%	_	0.05%	-	0.01%	-	0.01%	0.09
01	er til		12271 521070	640												0.00
02	C7_Metregcus_INPUT		78,165,218	\$	54,818,964	\$		\$	7,589,368	\$		-	7,873	_	49,688	\$ 1,946,354
04			100.00%		70.13%		16.81%		9.71%		0.51%		0.29%		0.06%	2.49
05	C8_Nonlvcus_INPUT		646,545		605,635		37,040		3,720						8	147
06	A Company of the Company		100,00%		93.67%		5.73%		0.58%		0.00%		0.00%		0.00%	0.02
07 08	CO Paridous INDUIT		***													-10%
09	C9_Residcus_INPUT		605,635	-	605,635											
10	(100.00%		100.00%		0.00%		0.00%		0.00%		0.00%	5	0.00%	0.00

	A	В	C		D		E	F		G		Н		1		36
	Laclede Gas Company Summary of Allocators	Description	Total Company		Residential AS		Small General Srv SGS	Large General Srv LGS		Large Volume LV		Interruptible		Vehicular Fuel VF		Transportation Transp.
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%
114	C11_903cus_INPUT		17,549,574	\$	16,413,614	\$	1,058,785	\$ 72,525	\$	1,329	\$	405	\$	154	s	2,762
115			100.00%		93.53%		6.03%	0.41%		0.01%		0.00%		0.00%		0.02%
117	C12_904cus_INPUT		8,290,949	5	7,726,285	\$	564,664	\$	\$		s		\$		s	
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	5	29	\$	9	\$	3	S	60
121 122			100.00%		34.11%		59.87%	6.01%		0.00%		0.00%		0.00%		0.00%
123	C14_385cus_INPUT		37,366,157	\$		\$	7,759,240	\$ 20,963,083	\$	1,290,320	\$	798,490	\$	172,610	s	6,382,414
124			100.00%		0.00%		20.77%	56.10%		3.45%		2.14%		0.46%		17.08%
126	C15_Intcus_INPUT		295,022	\$	206,854	\$	79,986	\$ 8,034	\$	147	\$		5		s	
127 128			100.00%		70.11%		27.11%	2.72%		0.05%		0.00%		0.00%		0.00%
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
130 131			100.00%		54.14%		8.60%	14.67%	F	1.12%		0.79%		0.35%		20.33%
132	D2_demand_INPUT		100.00%		65.10%		10.09%	14.29%		0.76%		0.00%		0.07%		9.68%
133 134			100.00%		65.10%		10.09%	14.29%		0.76%		0.00%		0.07%		9.68%
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
136 137			100.00%		79.49%		7.93%	7.56%		0.55%		0.29%		0.05%		4.14%
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		
139 140			100.00%		67.95%		10.80%	18.42%		1.40%		0.99%		0.44%		
	D5_NonTranspDem_INPUT	_	90% 100%		65,10% 72,08%		10.09% 11.17%	14.29% 15.82%		0.76% 0.84%		0.00%		0.07%		
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%

A	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	СОМ	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	COM		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					

Missouri Gas Energy Cost of Service Study 12 Months Ending December 31, 2016

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	Α		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	-1								
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									- 65	
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	eguir	rements					
25	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										

Missouri Gas Energy Cost of Service Study 12 Months Ending December 31, 2016

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	Α		C	D		E		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										0.00,000
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	Ś	(995,179)	5	925,683
43	% Difference		25.24%	27.36%		49.98%	-	-7.51%	~	6.40%
44						3.0.0		7.0270		0.4070
45	Derivation of Delivery Revenues	1.1								
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	S	14,977,711	S	13,143,865	\$	14,339,904
51			75/2/4/27			- 1,- 1 1, 1 - 2	*	10,110,000	~	14,555,504
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		9					-			110,000
56	Delivery Revenues at EROR	\$	248,544,377	\$ 198,607,571	\$	22,522,534	\$	12,148,685	\$	15,265,587

Missouri Gas Energy Cost of Service Study 12 Months Ending December 31, 2016

	A	В	C	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					303	103	EVS
5	Rate Base	1					
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		-	-	-	24,520,004	5,252,002
10	Total		1,306,312,356	1,040,218,343	116,344,176	66,857,891	82,891,946
11				31.10.00		00,007,001	02,052,540
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		7141.2014.004		-	(-,,,	(2,525,2,5)
16	Total		(505,380,920)	(412,945,170)	(42,583,233)	(22,951,684)	(26,900,833)
17				10-36-00-60-51	() – / – – / – – /	(111/111/11/11/11	(20,500,055)
18	Add: CWIP						
19	- Demand		11,633,225	7,228,943	1,280,593	1,140,169	1,983,520
20	- Customer		23,552,791	20,729,289	1,876,067	685,867	261,569
21	- Commodity		÷	-			
22	Total		35,186,016	27,958,231	3,156,661	1,826,036	2,245,088
23					34.21.76.76.7	* (4-3)	
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							
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 34	- 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							

Missouri Gas Energy Cost of Service Study 12 Months Ending December 31, 2016

	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							
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	No.				2004202-0000	377623342553	
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						201602
66	Total		36,653,506	29,261,506	3,274,206	1,861,566	2,256,228
67			2.445.00.455.0	6 miles Marie			-,,
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					138-27 (6 x 4 14 1	2.000	
74	Interest on customer deposits		226,207	172,506	47,801	5,263	638
75						3,475	
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			Example Eq.	SEEKS WEEK	- //	-//	20,0,250
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%	9.06%	6.70%
83	Relative rate of return		1.000	0.905	0.349	2.391	1.766

	A	В	C	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				Share Posts	ti afersa fea e	10// 02/210	50,250,201
11	Add:						
12	Materials and Supplies		5,004,239	3,984,883	445,693	256,120	317,544
13	Net Cost of Removal		-		-	-	517,544
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	Cash Working Capital		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			7-2-7-3	55,255,155	,,111,545	3,204,003	3,113,004
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)	(1,808,908)
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)	
26			(220,230,570)	(32,243,474)	(11,244,112)	(3,730,374)	(6,960,315)
27	Rate Base		792,519,685	618,157,423	72,784,240	AE 106 A72	EC 201 FF0
28	The same was		, 52,515,065	010,137,423	12,184,240	45,186,472	56,391,550

	A	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							
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	=		•		,,	10,2 10,10 1	14,455,025
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				2020,020,030	- //	2,232,302	10,077,250
43	Net Operating Income		30,045,198	21,210,088	962,616	4,096,123	3,776,371
44				//	002,020	+,050,125	3,770,371
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	4						1.700

	A	В		C		D	E		F	G
1	Missouri Gas Energy	100					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 52	Net income before taxes & interest		\$	83,595,664	\$	65,203,782	\$ 7,677,345	\$	4,766,308	\$ 5,948,230
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 58	Net Revenue Requirement			249,995,780		199,746,348	22,630,454		12,247,046	15,371,933
59	Add: Changes/ True-up Estimate			120,000		95,880	10,863		5,879	7,379
60 61	Total Revenue Requirement		\$	250,115,780	\$	199,842,228	\$ 22,641,317	\$	12,252,925	\$ 15,379,312 38.689
62	Demand-Related									9,4,4,4,
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 67	Net income before taxes & interest		\$	32,531,906	\$	20,426,485	\$ 3,583,417	\$	3,224,508	\$ 5,297,497
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				C 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
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 77	Monthly cost per customer		\$	13.38	\$	9.05	\$ 24.68	\$	198.22	\$ 2,768.64
78				1 2 1		*	Small		Large	Large
79 80				Total		Residential	General Srv		General Srv	Volume Srv
81				Company		RS	SGS		LGS	LVS

	A	В	С	D	E	17.11	F	G
2 3	Missouri Gas Energy Summary of Rate of Return		Total Company	Residential RS	Small General Srv SGS		Large General Srv LGS	Large Volume Srv LVS
82	Fully Allocated Customer Costs				No.			
83 84 85	Rate Base Net Income after taxes Add: Income Taxes		\$ 484,054,271 37,272,179 13,786,286	\$ 424,482,270 32,685,135 12,089,624	\$ 38,808,347 2,988,243 1,105,295	\$	14,611,984 1,125,123 416,162	\$ 6,151,670 473,679 175,205
86 87	Net income before taxes & interest		\$ 51,058,465	\$ 44,774,758	\$ 4,093,538	\$	1,541,285	\$ 648,884
88 89 90	Add: O&M Add: Depreciation Add: Taxes other than income		77,128,011 25,047,974	67,883,261 22,049,771	6,450,577 1,996,661		1,759,420 724,111	1,034,753 277,430
91 92	Add: Interest on deposits		15,781,126 226,207	13,922,805 172,506	1,252,799 47,801		432,252 5,263	173,270 638
93 94	Required Customer Revenues		\$ 169,241,782	\$ 148,803,101	\$ 13,841,376	\$	4,462,331	\$ 2,134,974
95	Number of Customers		501,755	468,460	29,637		3,263	395
96 97	Monthly cost per customer		\$ 28.11	\$ 26.47	\$ 38.92	\$	113.96	\$ 449.91
98 99	Required Total Revenues		249,808,866	199,692,757	22,618,866		12,223,997	15,273,245

	A	В	· C	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							0.13,3,0,0,0,0
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)
121 122	Total		(331,607,016)	(295,645,907)	(24,743,114)	(8,512,292)	(2,705,703)

	Α	В		C		D		E	1-000	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					7						
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										-4,5-4,5-6	*	555,252
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				-				-				
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	A. A. C.							2,000,122		137,237		170,527
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						- 1,250		33,449
149				18,511,966	-	16,151,902		1,531,270		594,549	-	234,245
150				900 C D TO TO TO TO TO				_,,_,		33 1,3 13		254,245
151	Basic customer-related costs			89,305,538	\$	78,596,524	Ś	7,237,474	S	2,468,188	\$	1,003,353
152	Number of customers			501,755	•	468,460	~	29,637	~	3,263	4	395
153	Monthly basic cost per customer		\$	14.83	\$	13.98	\$		\$	63.03	\$	211.44
154									8			

	A	В	C	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						- Alexander		
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				4		-	0%
10	Total		15,600	12,422	1,390	799	990	
11							2,212	
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						-	0%
22 23 24	Total		773,929	642,678	58,767	28,447	44,037	
23	Second Second Second							
24	Total Intangible Plant							
25	- Demand		265,605	165,048	29,238	26,032	45,287	
26	- Customer		537,747	501,059	32,149	3,922	617	
27	- Commodity				-			
28	Total	_	803,352	666,107	61,387	29,954	45,904	
29							, , , , , , , , , , , , , , , , , , , ,	
30	Production Plant							
31	304 - Land & land rights							
32	- Demand							
33	- Customer		-					
34	- Commodity		-					
35	Total		4	· P	-		-	
36								

	Α	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			- Control of the Control					ractor
37	305 - Structures & improvements							
38	- Demand		14					
39	- Customer		- 2					
40	- Commodity		-					
41	Total	_		2				
42								
43	311 - LPG equipment							
44	- Demand		-					
45	- Customer		7 -					
16	- 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		16	4		_	2	
57	- Customer		-					
58 59	- Commodity		-			-	-	
59	Total	-	-		140		-	
60								
61	Transmission Plant							
62	365.0 - T&D: Land and Land Rights		-					
63	- Demand			163	4.5	-	_	
64	- Customer							
65	- Commodity		-					
66	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		Company	10	303	LCS	LVS	Factor
68 365.1 - Land and Land Rights							
- Demand	-		1.2				
70 - Customer		-				-	
- Commodity							
72 Total	-						
73							
74 365.2 - Rights-of-Way							
75 - Demand							
76 - Customer		4					
77 - Commodity							
78 Total	_			-			
79				-	11.7	•	
80 366.1 - Compressor station structures							
B1 - Demand	-						
B2 - Customer			5.7	-			
- Commodity							
84 Total	-		-	-			
Total Total		-		-		•	
86 367.1 - Mains							
B7 - Demand							
88 - Customer		2		-	7	-	
- Commodity							
90 Total	-						
91		7		7		-	
92 368 - Compressor Station Equipment		-					
93 - Demand							
94 - Customer							
95 - Commodity							
95 - Commodity 96 Total	-						
97			7			*	
98 369 - Measuring and Reg. Sta. Equipment							
99 - Demand							
00 - Customer			*	•		-	
01 - Commodity							
O2 Total	-						
03		-				1 1 1	

A	В	C	D	E	F	G	Н
1 Missouri Gas Energy				Small	Large		н
2 Allocation of Gross Plant	Allocation	Total	Residential	General Srv		Large	et
3	Factor	Company	RS	SGS	General Srv	Volume Srv	Classification
4	-3.10	Company	10	363	LGS	LVS	Factor
04 370 - Communication Equipment		40					
05 - Demand							
06 - Customer							
07 - Commodity		-					
08 Total	0	4					
09				-	•	-	
10 371 - Other equipment							
11 - Demand	-						
12 - Customer							
13 - Commodity							
14 Total	-	-					
15			-	-		*	
16 Total Transmission Plant							
17 - Demand							
18 - Customer				-	-	-	
19 - Commodity		•		-		-	
20 Total	· ·	-	-	•	*		
21		-	-	-	7	*	
22 Distribution Plant							
23 374.1 - Land		476,088					
24 - Demand	Plant_376-379_D	313,361	104 724	24 405		27 147	DIS376-379
25 - Customer	Plant_376-379_C	162,727	194,724	34,495	30,712	53,430	66%
26 - Commodity	Flant_3/0-3/9_C	102,727	151,928	9,612	1,058	128	34%
27 Total		476,088	246.652	44.407	-		0%
28		4/0,088	346,653	44,107	31,771	53,558	
29 374.2 - Land Rights		2,835,349				_	
30 - Demand	Plant_376-379_D		1 150 500	207	222.000	of the same	DIS376-379
- Customer	Plant_376-379_C	1,866,227	1,159,683	205,436	182,908	318,201	66%
32 - Commodity	Fidit_5/6-5/9_C	969,122	904,813	57,242	6,302	764	34%
33 Total		2 025 240	2 054 405	200 000	14.50	11.00	0%
34		2,835,349	2,064,496	262,678	189,211	318,964	
35 375 - Structures and improvements		12,605,882				-	****
36 - Demand	Plant 276 270 p			-200100	960.001	A Manager	DIS376-379
- Customer	Plant_376-379_D	8,297,194	5,155,917	913,361	813,206	1,414,711	66%
- Customer - Commodity	Plant_376-379_C	4,308,689	4,022,774	254,498	28,021	3,396	34%
							0%
39 Total 40		12,605,882	9,178,690	1,167,859	841,226	1,418,106	

A	В	C	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	. 400,000					LVS	ractor
41 376 - Mains		557,987,758					DISMAIN
42 - Demand	D2_Demand	360,374,185	223,938,275	39,670,233	35,320,180	61,445,497	65%
43 - Customer	C1_customers	197,613,574	184,500,378	11,672,311	1,285,140		
- Commodity		-	-	-	1,203,140	155,745	35%
45 Total		557,987,758	408,438,653	51,342,544	36,605,320		0%
46		337,307,730	400,438,033	31,342,344	56,605,520	61,601,242	
47 376.1 - Mains steel							
48 - Demand							
49 - Customer			-		-	-	
50 - Commodity	y's						
51 Total	-						
52		-	-				
53 376.2 - Mains plastic							
54 - Demand	-						
55 - Customer		-	4.54	-	0.0		
56 - Commodity		-					
57 Total	_	-					
58		-		*			
59 377 - Compressor station equipment							
60 - Demand							
		-					
		-					
63 Total 64					•		
65 378 - Measurement & equip: Gen		*****				_	
		14,249,406	1000000				DEM
	D2_Demand	14,249,406	8,854,650	1,568,584	1,396,581	2,429,591	100%
	1/1						0%
- Commodity		•				-	0%
69 Total		14,249,406	8,854,650	1,568,584	1,396,581	2,429,591	
70							
71 379 - Measurement & equip: CG		5,918,676					DEM
72 - Demand	D2_Demand	5,918,676	3,677,894	651,532	580,088	1,009,162	100%
73 - Customer				1.0	4	-	0%
74 - Commodity			-			-	0%
75 Total		5,918,676	3,677,894				

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							
77 380 - Services		399,602,056				T.	CUS
78 - Demand	1/1			175		100	0%
79 - Customer	C6_services	399,602,056	366,197,599	26,000,781	6,374,562	1,029,114	100%
80 - Commodity			*	-	-		0%
81 Total		399,602,056	366,197,599	26,000,781	6,374,562	1,029,114	
82							
83 381 - Meters		40,249,691					CUS
- Demand			4	-	4,	-	0%
85 - Customer	C3_meters	40,249,691	27,386,110	7,411,999	3,467,303	1,984,279	100%
66 - Commodity					-	-,,	0%
87 Total		40,249,691	27,386,110	7,411,999	3,467,303	1,984,279	0,0
88				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-, ,	2,501,275	
89 382 - Meter installation		94,813,508					CUS
- Demand		•	4		20		0%
- Customer	C4_Metincus	94,813,508	69,849,055	13,308,390	9,004,188	2,651,875	100%
92 - Commodity				•		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0%
93 Total		94,813,508	69,849,055	13,308,390	9,004,188	2,651,875	070
94			757 51 24 22 20	,	-,,,	1,002,070	
95 383 - House regulators		15,936,615					CUS
96 - Demand		-	÷)	2	-		0%
97 - Customer	C5_Regcus	15,936,615	11,179,286	1,396,676	1,809,435	1,551,217	100%
98 - Commodity			-	-//-	2,000,100	1,551,217	0%
99 Total		15,936,615	11,179,286	1,396,676	1,809,435	1,551,217	070
00		,		4,555,575	2,005,435	1,231,217	
01 384 - House regulators Installations							
02 - Demand	7						
O3 - Customer							
04 - Commodity							
05 Total	-	190	ně.		- 2		
06							
07 385 - Industrial Meas & Reg stations		1,004,461					CUS
08 - Demand		(4)	-	4			0%
09 - Customer	C10 Lvcus	1,004,461		-		1,004,461	100%
10 - Commodity		-				1,004,401	0%
11 Total		1,004,461				1,004,461	070
12		-,,				1,004,401	

	A	В	С	D	E	F	G	н
	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							5/3	ractor
213	386 - Other property on customer premises							
14	- Demand							
15	- Customer		ž.					
16	- Commodity		4					
17	Total		-	-				
18					7	-		
19	387 - Other distribution equip.		4					
20	- Demand							
21	- Customer				1	-	-	
22	- Commodity				-	3	-	
23	Total	4.	-					
24				-	-	-		
25	Total Distribution Plant							
26	- Demand		391,019,049	242,981,143	12.012.610	20 222 575		
27	- Customer				43,043,640	38,323,675	66,670,591	
28	- Commodity		754,660,441	664,191,944	60,111,509	21,976,009	8,380,979	
29	Total		1,145,679,490	007 172 006	100 155 110			
230			1,145,679,490	907,173,086	103,155,149	60,299,684	75,051,570	
31	General Plant							
32	389 - Land & land rights		1,058,065				_	2008-100-100
33	- Demand	Plant Dist_D	361,116	224 200	100.000	4444		DISPLT
34	- Customer	Plant Dist_C	Particular Service Ser	224,399	39,752	35,393	61,572	34%
35	- Commodity	Flatt Dist_C	696,949	613,399	55,515	20,295	7,740	66%
36	Total		1.050.005				•	0%
37			1,058,065	837,798	95,266	55,688	69,312	
38	390.1 - Structures & improvements		878,378				-	
39	- Demand	Plant Dist_D		100 201	22.000			DISPLT
40	- Customer	Plant Dist_D	299,790	186,291	33,001	29,382	51,116	34%
41	- Commodity	Flant Dist_C	578,589	509,228	46,087	16,849	6,426	66%
42	Total		070 270	505.546		2	-	0%
43	,		878,378	695,519	79,088	46,231	57,541	
44	390.2 - General Improvements							
45	- Demand							
46	- Customer		7					
47	- Customer - Commodity		-					
/		1	•					
48	Total			14				

	A	В	C	D	E	F	G	Н
	lissouri Gas Energy				Small	Large	Large	-1-
	Allocation of Gross Plant	Allocation	Total	Residential	General Srv	General Srv	Volume Srv	Classification
3		Factor	Company	RS	SGS	Les	LVS	Factor
4	and the second of the second of							
	91 - Office Furniture and Equipment		8,218,464				1	DISPLT
51	- Demand	Plant Dist_D	2,804,952	1,743,011	308,771	274,913	478,258	34%
52	- Customer	Plant Dist_C	5,413,512	4,764,542	431,206	157,644	60,120	66%
53	- Commodity					-	-	0%
	otal		8,218,464	6,507,553	739,977	432,556	538,378	
55								
	91.5 - Enterprise Software-EIMS		67,787,723					DISPLT
57	- Demand	Plant Dist_D	23,135,869	14,376,742	2,546,812	2,267,541	3,944,775	34%
58	- Customer	Plant Dist_C	44,651,854	39,299,001	3,556,686	1,300,280	495,887	66%
59	- Commodity					-,,		0%
	otal		67,787,723	53,675,743	6,103,498	3,567,820	4,440,662	070
61						-,,	,,,,,,,,,,	
	92.1 - Transp. Equip. Cars & Small Trucks		5,650,033				T.	DISPLT
63	- Demand	Plant Dist_D	1,928,350	1,198,286	212,274	188,997	328,793	34%
64	- Customer	Plant Dist_C	3,721,684	3,275,529	296,446	108,377	41,332	66%
65	- Commodity	10.00		•	,	200,077	1,552	0%
	otal		5,650,033	4,473,815	508,720	297,374	370,124	070
67			15 4 C (7) A 5 7 (8 C)		510,120	231,37.4	370,124	
	92.2 - Transp. Equip. Heavy Trucks		15,294,221					DISPLT
69	- Demand	Plant Dist_D	5,219,899	3,243,671	574,610	511,601	890,017	34%
70	- Customer	Plant Dist_C	10,074,321	8,866,614	802,457	293,368	111,882	66%
71	- Commodity			_ 0000000000000000000000000000000000000		-	111,001	0%
	otal		15,294,221	12,110,285	1,377,067	804,969	1,001,899	070
73			The second second		-,,	50,,505	2,002,033	
	93 - Stores Equipment		664,474					DISPLT
75	- Demand	Plant Dist_D	226,784	140,925	24,965	22,227	38,668	34%
76	- Customer	Plant Dist_C	437,689	385,219	34,864	12,746	4,861	66%
77	- Commodity	000100000000000000000000000000000000000	-	,		12,7,40	4,501	0%
	otal		664,474	526,144	59,828	34,973	43,529	070
79				/	30,020	54,575		
80 3	394 - Tools		8,946,227					DISPLT
81	- Demand	Plant Dist_D	3,053,336	1,897,358	336,113	299,257	520,608	34%
82	- Customer	Plant Dist_C	5,892,890	5,186,452	469,391	171,603	65,444	66%
83	- Commodity	11/2011/2020	-	-	403,331	1/1,003	05,444	0%
	otal		8,946,227	7,083,810	805,504	470,860	586,053	U%
85			0,5 ,0,22/	7,000,010	005,504	470,000	300,033	