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First-of-Month Demand Charges
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LACLEDE GAS COMPANY

GR-2007-0____

DIRECT TESTIMONY

OF

GEORGE E. GODAT

DECEMBER 2006

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DIRECT TESTIMONY OF GEORGE E. GODAT

1
2 Q. What is your name and address?

3 A. My name is George E. Godat, and my business address is 3950 Forest Park
4 Boulevard, St. Louis, Missouri 63108.

5 Q. By whom are you employed and in what capacity?

6 A. I am employed by Laclede Gas Company ("Laclede" or "Company") in the
7 position of Director of Gas Supply. As Director of Gas Supply, I am responsible
8 for directing most of the day-to-day gas supply purchasing, sales and risk
9 management functions for Laclede Gas Company.

10 Q. Please describe your work experience prior to assuming your present position.

11 A. I joined Laclede in January of 1992 as an Engineer in the Distribution/Design
12 department. I was promoted to Distribution Engineer in 1994 where I was
13 responsible for the Engineering Department of Laclede's Missouri Natural
14 Division. I was promoted to the position of Gas Supply Administrator in the Gas
15 Supply Department in 1996 and to Senior Gas Supply Administrator in 1998. I
16 became Manager of Energy Services in October 2001, and was promoted to my
17 current position in October 2003.

18 Q. What is your education background?

19 A. I graduated from the University of Missouri Rolla in 1991, where I received a
20 Bachelor of Science degree in Mechanical Engineering.

21 Q. Have you previously testified before any regulatory bodies?

22 A. Yes. I have previously filed testimony before this Commission, most recently in
23 Case No. GR-2004-0273.

1 **PURPOSE OF TESTIMONY**

2 Q. What is the purpose of your testimony?

3 A. The purpose of my testimony is twofold: (i) to support improvements to the
4 Company's Gas Supply Incentive Plan ("GSIP" or "Plan") for the benefit of both
5 the Company and its customers; and (ii) to bring more structure and certainty to
6 the gas supply procurement process by establishing a method for determining an
7 acceptable level of demand charges to be paid for the right to purchase gas at a
8 first-of-month ("FOM") price.

9 **CHANGES TO THE GAS SUPPLY INCENTIVE PLAN**

10 Q. What changes do you propose to improve the Plan?

11 A. The two changes that the Company proposes to make to the Plan consist of (i)
12 removing the Plan's price band, which currently restrains the Company's
13 incentive to reduce upward price volatility for customers; and (ii) maintaining the
14 incentive amount at a flat 10% for all savings achieved under the Plan. Both of
15 these changes will remove restraints and free the Plan to operate as it was
16 intended, that is, to effectively motivate the Company to reduce gas costs at all
17 times, especially when such costs are at their highest and customers need for price
18 relief is at its greatest.

19 Q. Please provide some background on the Plan and the price band.

20 A. The current GSIP was established at the conclusion of the Company's 2002 rate
21 case, GR-2002-356. It permits the Company to earn an incentive award if the cost
22 of the Company's physical gas purchases, adjusted by gains and losses from
23 financial hedging, are below a benchmark index. If Laclede can generate savings

1 by bringing these net costs in below the benchmark, it is eligible to receive 10%
2 of the first \$50 million in savings, and 1% thereafter. In 2002, the GSIP
3 originally featured a pricing band of \$3 to \$5 per MMBtu (Million British thermal
4 units), such that Laclede was only rewarded, and thus incented, if the benchmark
5 was above \$3, and Laclede's net costs were below \$5. Thus, as actual gas prices,
6 represented by the benchmark index, rose above \$5 per MMBtu, the incentive
7 increasingly weakened.

8 Q. What was the theory behind the price band?

9 A. My understanding of the theory is that, for the low end of the price band (\$3), an
10 incentive award was not considered necessary because there was presumably little
11 marginal value to be achieved in the way of savings when gas prices were already
12 so low. For the high end of the price band (then \$5), the theory assumed that an
13 incentive award was not appropriate because at such prices it was presumably too
14 painful for customers to pay an incentive award and simultaneously bear the cost
15 of the higher commodity price.

16 Q. What happened with the 2002 version of the Plan?

17 A. The first year of the Plan was successful, as the Company achieved significant
18 savings below the benchmark and received an incentive award as a result of its
19 efforts. Due to the upward migration of gas prices soon after the Plan began,
20 however, it quickly became apparent that, with the \$3-5 price band, the Plan
21 would cease to operate as an incentive. This, in fact, was the case for both the
22 winters of 2003-04 and 2004-05.

23 Q. What happened then?

1 A. An attempt was made to address this shortcoming in Laclede's 2005 rate case,
2 GR-2005-0284. In that case, both the bandwidth and the ceiling of the price band
3 were increased, from the aforementioned \$3-\$5 per MMBtu, to \$4-\$7.50 per
4 MMBtu, respectively. However, continued increases in gas costs once again
5 priced the Plan out of the market, and undermined its usefulness as an incentive.

6 Q. Do you agree with the price band approach?

7 A. No. I disagree with the price band because it appears that the price band is based
8 on the theory that the incentive performance can be separated from the incentive
9 award. Incentive programs are structured around the basic theory of rewarding
10 performance. Program designers should not expect to encourage the performance
11 without the reward, nor to pay the reward without receiving the performance. It
12 should be obvious that encouraging efforts to reduce the effect of upward pressure
13 on gas prices is most crucial when those prices are high and that this is exactly the
14 wrong time to remove incentives that have been specifically designed to do just
15 that.

16 Q. Is that why you are proposing to remove the price band?

17 A. Yes, the parties to Laclede's two most recent rate cases agreed that an incentive
18 plan on overall gas commodity prices was appropriate as a means of encouraging
19 the Company's efforts to outperform a benchmark price for the benefit of its
20 customers. This is especially important to customers, since gas prices constitute
21 more than 70% of their bills. Given this consideration, it follows that one should
22 always want the reduction of these costs to be at the forefront of Laclede's
23 portfolio planning, regardless of the price level of the underlying commodity.

1 However, the price band reduces or entirely eliminates this incentive under certain
2 circumstances to the disadvantage of customers.

3 Q. How does the price band disadvantage customers?

4 A. First, the price band causes opportunity losses for customers. It eliminates any
5 extra incentive to reduce gas commodity costs at levels outside the band, which is
6 counter-productive to an incentive program that should optimize price reduction
7 at any price level. Since customers will retain the vast majority (at least 90%) of
8 any savings achieved under the Plan they should affirmatively want Laclede to
9 have this extra incentive whether gas prices are \$5, \$10 or \$20 per MMBtu. If
10 Laclede can generate a savings of 20 cents per MMBtu, customers will always be
11 better off, regardless of whether the 20 cent savings resulted in gas costs being
12 \$2.80 instead of \$3.00, or \$9.80 instead of \$10.00.

13 Q. Please continue.

14 A. Second, as discussed above, under the current Plan, the price band only creates an
15 incentive when gas costs are within or near the band. As prices increase above
16 the band, the incentive increasingly fades, just when the customers need for price
17 relief is greatest.

18 Q. Are the same considerations true when prices are below the band?

19 A. While it may be less critical to reduce prices when they are already low, the
20 savings from doing so are still meaningful. Indeed, an extra cost reduction should
21 always be welcome regardless of whether prices are already low.

22 Q. Turning to your second proposed change, why does Laclede believe that the
23 Commission should change the incentive award to a flat 10%?

1 A. At the outset, a flat 10% incentive makes more sense than providing a 10%
2 incentive for the first \$50 million saved, and then basically eliminating any extra
3 incentive for Laclede to generate savings above that arbitrary level by having the
4 percentage that may be retained plummet to 1%. In fact, in order to maximize the
5 savings that customers may enjoy, it makes more sense to increase the incentive
6 for savings above a given level. However, for purposes of this testimony, Laclede
7 is not proposing an increase above the 10% level.

8 Q. Would the sharing mechanisms proposed by Laclede in this case also limit the
9 amount it might collect under the Plan?

10 A. Yes. Laclede proposes to include Plan earnings with the other earnings subject to
11 the sharing mechanisms set forth in the Company's Regulatory Compact proposal
12 in this case. To the extent that Laclede's earnings otherwise exceed its authorized
13 rate of return, the sharing mechanisms will dilute the amounts Laclede would
14 otherwise retain under the Plan. Dilution of a 10% incentive level can still
15 provide the desired motivation. However, if an award level is already at 1%, as
16 provided in the current Plan, further dilution will certainly eradicate any
17 meaningful incentive.

18

19 **ESTABLISHING AN ACCEPTABLE LEVEL OF FOM DEMAND CHARGES**

20 Q. Why does Laclede want to establish a method for determining an acceptable level
21 of FOM demand charges?

22 A. For the reasons set forth below, Laclede believes that FOM pricing provides
23 valuable protection to customers from intra-month price spikes caused by real or

1 perceived pressures on supply and demand and other benefits in the form of off-
2 system sales revenues. However, criticisms leveled by Staff have created
3 uncertainty regarding an appropriate level of demand charges to pay for the right
4 to buy gas at an FOM price. Therefore, Laclede seeks to establish guidelines
5 constituting an acceptable level, or safe harbor, for FOM charges.

6 Q. What is FOM pricing?

7 A. FOM pricing means that Laclede is entitled to purchase gas for an entire month at
8 the price established at the first day of the month. Laclede's gas purchasing
9 portfolio consists of three basic types of purchasing options, based on the
10 Company's flexibility in making a purchase commitment. These include
11 "Baseload" "Swing" and "Combination" purchase arrangements. The Company
12 is required to make purchase Baseload gas in uniform daily amounts through the
13 month, so it carries the least flexibility. With Swing supplies, however, the
14 Company has the right, but not the obligation, to buy whatever amount of such
15 supplies it needs on any given day. Accordingly, Swing supplies have the most
16 flexibility. In between these two is "Combination," or "Combo" gas, in which the
17 Company need not commit to a particular daily level, but must meet monthly or
18 annual minimum requirements. Combo gas has some flexibility. Beginning in
19 the first half of the 1990s, when Laclede became responsible for purchasing gas
20 supplies for its customers, Laclede has arranged to purchase all types of gas at
21 FOM prices.

22 Q. How is the FOM price derived?

1 A. The FOM price is derived by averaging the fixed price trading activity the week
2 prior to the beginning of each month. Most fixed price baseload gas is bought
3 and sold just before the start of a month and publications (such as Inside FERC)
4 collect the trading data from the activity that took place during that week and post
5 an FOM price for all the different locations where the trading activity took place.
6 For example, under an FOM arrangement, Laclede will be able to buy gas during
7 the month of December 2006 based on the prices of the gas that was traded from
8 November 27 through November 30.

9 Q. Why is the right to FOM pricing desirable?

10 A. This pricing process permits Laclede and its customers to avoid incurring the cost
11 of temporary intra-month price spikes. These daily spikes are normally caused by
12 either real or feared stresses on the supply/demand balance that may arise during
13 the month when either the demand exceeds, or is perceived to exceed, normal
14 levels, or when there is a real or feared shortage or disruption in supply. At such
15 times, FOM pricing acts as an insurance policy or hedge by providing Laclede the
16 right to buy gas for its customers at a stable FOM price, rather than paying an
17 unpredictable daily rate.

18 Q. Could you provide examples of supply/demand imbalances?

19 A. High demand can be caused by colder than normal weather. For example, in
20 December 2000, and again in February 2003, when the weather turned cold, spot
21 prices for gas shot up tremendously. Low supply can be caused by an event such
22 as a storm in the Gulf of Mexico. Hurricanes Katrina and Rita were responsible

1 for causing a supply shortage in 2005, which also resulted in a huge, but
2 temporary price increase.

3 Q. What are FOM demand charges?

4 A. FOM demand charges are fixed costs that gas producers charge Laclede for the
5 right to reserve supplies and buy gas at FOM prices. By analogy, if one equates
6 the right to buy gas at an FOM price as being akin to an insurance policy against
7 intra-month price spikes, then FOM demand charges are akin to an insurance
8 premium.

9 Q. Please explain what drives the price for FOM demand charges.

10 A. As you might expect, FOM prices are driven by two main factors: price volatility
11 and the underlying price for natural gas. Price volatility is the main driver. It
12 basically is a measure of how much prices tend to change during any given
13 month, as compared to the FOM price. FOM demand charges will increase as
14 price volatility increases. The underlying price is the actual price level, including
15 forward strip prices, as represented by NYMEX rates. Generally, higher price
16 levels result in higher FOM demand charges. Since the well-publicized natural
17 gas price increase that occurred in December 2000, prices have repeatedly hit
18 historically high levels on the daily spot market. The result of these developments
19 has been a strong and, thus far, accurate perception in the market that there is a
20 high likelihood that prices will reach these or higher levels again -- a factor that
21 has placed upward pressure on FOM demand charges.

22 Q. Has Laclede increased the amount it has spent for FOM demand charges over the
23 past five years?

1 A. Yes we have. Since the supply/demand balance tightened in early 2000, natural
2 gas prices have trended upward, as have FOM demand charges. Not surprisingly,
3 as both the daily fluctuation in price and the underlying prices have climbed to
4 higher and higher levels, the cost to protect against these fluctuations has also
5 increased.

6 Q. Has this increase in the cost to provide price stability been seen in areas outside
7 the physical commodity?

8 A. Yes it has. Laclede has had numerous conversations with Staff regarding the
9 increase in the amount of money it has authorized to purchase financial hedging
10 instruments. Back in early 2000, Laclede's Gas Supply Department was
11 authorized to spend \$4 million on financial call options and was limited to
12 purchasing options at a strike price of no more than \$4. The current authorization
13 level has been increased to \$15 million, with option-based protection at strike
14 prices in the \$8 to \$13 range. As you can see, the *range* in which strike prices for
15 options may fluctuate is now larger than the *entire strike price* for the option
16 earlier in this decade.

17 Q. How much have the Company's gas commodity costs increased over this time
18 period?

19 A. The Company's physical gas costs have increased steadily since the late 1990's.
20 For example they have gone from an average of \$3.01/MMBtu in 1999-2000, to
21 and average of \$7.74/MMBtu in 2005-06.

22 Q. How much has price volatility increased over this period?

1 A. I've attached a chart as schedule 1 that shows the daily prices for Centerpoint
2 Energy field zone price, where Laclede buys a large portion of its supply, from
3 late 1996 until November 1, 2006. As you can see by the chart, the daily price
4 fluctuations have become extremely unstable with huge fluctuations up and down
5 day to day. Since the big run-up in late 2000, the daily prices have become
6 extremely volatile with prices dropping below \$2.00/MMBtu in 2001 and
7 reaching as high as \$19.13 in February 2003. This is the price for a field zone
8 location and the daily spot price in locations such as Chicago and the Northeast
9 have been even more dramatic than the field zone.

10 Q. To what extent have the FOM demand charges increased compared to the overall
11 increase in volatility and gas commodity costs?

12 A. The FOM demand charges have been driven up by both price volatility and price
13 levels. Still, they have remained at or below 5% of our overall gas costs when
14 normalized for weather over this five-year period. The increases in the
15 Company's physical gas costs and the gas supply demand charges have been
16 proportionate.

17 Q. Has the Company recently altered its approach to buying FOM contracts?

18 A. Yes, it has. During discussions between Staff and the Company regarding the
19 level of imputation of off-system sales in the Company's 2005 rate case, the Staff,
20 for the first time, raised the subject of FOM demand charges. At the same time
21 that Staff was proposing a base rate imputation based on a five-year average of
22 off-system sales revenues, it questioned the amounts Laclede spent on the FOM
23 demand charges that supported these off-system sales. Although Laclede had for

1 the past decade been paying demand charges for the right to FOM pricing, just a
2 few months later in 2005, the Staff proposed a disallowance of \$3.3 million in the
3 Company's 2003-04 ACA case, based on FOM demand charges paid by Laclede
4 on swing supply gas during that ACA year.

5 Q. How did the Company respond?

6 A. The Company is opposing the disallowance in that ACA case because the practice
7 of paying demand charges to obtain FOM pricing has benefited customers
8 financially over the years. However, for the winters of 2005-06 and 2006-07, the
9 Company changed its mix of supplies to add daily priced contracts in place of
10 some of its traditional flexible FOM supplies.

11 Q. Why did the Company substitute gas based on daily price versus FOM price?

12 A. The disallowance case brought by Staff in Fiscal 2006 represents a threat to
13 roughly 10% of the Company's entire authorized return for that year. Given the
14 fact that Laclede basically passes on the cost of gas to its customers without mark-
15 up or profit, the Company simply cannot afford to take the kind of risks posed by
16 the kind of Staff disallowances being sought in Case No. GR-2004-0273.
17 Because it was not until 2005 that Staff first questioned the amount of these FOM
18 demand charges, there was nothing Laclede could do about the actions it had
19 already taken in 2003-04 (or 2004-05, for that matter). However, Laclede can,
20 and did, react to the threat posed by Staff's asserted disallowance by reducing its
21 overall use of FOM demand charges and, at the same time, its overall flexibility in
22 acquiring gas supply, for the ensuing winters of 2005-06 and 2006-07.

1 Q. Does the Company think its approach beginning in the winter of 2005-06 is the
2 ideal portfolio for its customers?

3 A. The Company does not believe that the portfolio it had in place for the 2005-06
4 ACA period included the level of FOM pricing that our customers ideally need.
5 Given the Staff's position on FOM demand charges, however, the Company felt
6 compelled to limit its expenditures on such demand charges.

7 Q. How did this portfolio work out for the 2005-06 period?

8 A. As it turned out, there was no adverse impact on our customers for this particular
9 year because, fortunately, we experienced an extremely mild winter with
10 downward pressure on demand, and thus downward pressure on price. Although
11 January is usually the coldest month, we instead experienced the third warmest
12 January on record, with less degree days than either December or February.
13 However, if the weather had been colder, customers could have been exposed to
14 some very high intra-month prices on daily swing supplies.

15 Q. What is Laclede's proposal in this case regarding FOM pricing and demand
16 charges?

17 A. Laclede's goal is to return to a portfolio that is made up primarily of FOM
18 supplies. The Company believes that the small percentage of overall gas cost that
19 is required for this price stability is well worth the expense, given the recent high
20 priced environment and intra-month price spikes that have occurred when the
21 supply/demand balance is subjected to real or feared stresses.

22 Q. In addition to the value of FOM pricing as an insurance policy, is there any other
23 way for Laclede to add further value from FOM pricing?

1 A. Yes, Laclede can create value by making off-system sales to customers located
2 off its system.

3 Q. How do off-system sales create value?

4 A. On any given day when Laclede's customers do not temporarily need gas that is
5 available to Laclede for purchase at an FOM price (and the daily price is higher
6 than the FOM price), Laclede can create value by purchasing gas at the FOM
7 price and selling it to buyer off its system at a higher price. In the past, the
8 Company has had some crediting mechanism in place to share this value with
9 customers. The Company proposes to continue to share these benefits through the
10 Regulatory Compact discussed in the direct testimony of Laclede witness Kenneth
11 Neises. Assuming that Laclede first earns its authorized rate of return, customers
12 will share in all of these benefits derived from these off-system sales at the
13 approved sharing level.

14 Q. How do you propose to calculate the appropriate, or safe harbor, level of FOM
15 demand charges?

16 A. The Company proposes to establish a "safe harbor" benchmark using an historical
17 average of FOM demand charges as a percentage of physical commodity gas
18 costs, normalized for weather. This gas cost percentage will be applied to a
19 projected forward normal annual purchase cost based on the market at the time
20 Laclede's request for proposal ("RFP") is sent to suppliers. For purposes of
21 providing certainty to the Company and a limit sought by Staff, FOM demand
22 charges at or below this limit shall be deemed to be prudent.

1 Q. What other benchmarks will be available to make sure the Company is not
2 spending too much for its FOM demand charges?

3 A. The Company is willing to consider using a benchmark similar to the one that was
4 used in prior gas supply incentive plans based on design contracted volumes and
5 the results of bids received through its RFP process.

6 **SUMMARY**

7 Q. Please summarize your testimony.

8 A. Two changes to the Company's Gas Supply Incentive Plan will improve the Plan
9 for the benefit of both the Company and its customers. These changes consist of
10 (i) removing the Plan's price band, which currently restrains the Company's
11 incentive to reduce upward price volatility for customers; and (ii) maintaining the
12 incentive amount at a flat 10% for all savings achieved under the Plan. Both of
13 these changes will remove restraints and free the Plan to operate as it was
14 intended, that is, to effectively encourage the Company to reduce gas costs at all
15 times, especially when such costs are at their highest and the customers' need for
16 price relief is at its greatest. In addition, the Commission should approve a
17 method for determining an acceptable level of demand charges to be paid by the
18 Company for the right to purchase gas at an FOM price. This will benefit both
19 the Company and its customers by bringing more structure and certainty to
20 Laclede's gas supply procurement process, and by ensuring that customers have
21 adequate access to FOM-priced gas.

22 Q. Does this conclude your direct testimony in this case?

23 A. Yes, it does.

BRIAN SCOTT DAVIS
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