

**Exhibit No.:** \_\_\_\_\_  
**Issue(s):** “Budget” Infrastructure Costs/  
Telemetric Equipment/  
Regulator Stations  
**Witness/Type of Exhibit:** Moore/Direct  
**Sponsoring Party:** Public Counsel  
**Case No.:** GO-2015-0343

**DIRECT TESTIMONY**  
**OF**  
**JACQUELINE MOORE**

Submitted on Behalf of the Office of the Public Counsel

**LACLEDE GAS COMPANY**  
**MISSOURI GAS ENERGY**

CASE NO. GO-2015-0343

October 2, 2015

**BEFORE THE PUBLIC SERVICE COMMISSION  
OF THE STATE OF MISSOURI**


In the Matter of the Application of	)	
Laclede Gas Company to Change its	)	
Infrastructure System Replacement	)	Case No. GO-2015-0343
Surcharge in its Missouri Gas Energy	)	
Service Territory	)	

**AFFIDAVIT OF JACQUELINE MOORE**

STATE OF MISSOURI    )  
  )    ss  
COUNTY OF COLE     )

Jacqueline Moore, of lawful age and being first duly sworn, deposes and states:

1. My name is Jacqueline Moore. I am a Public Utility Accountant I for the Office of the Public Counsel.
2. Attached hereto and made a part hereof for all purposes is my direct testimony.
3. I hereby swear and affirm that my statements contained in the attached testimony are true and correct to the best of my knowledge and belief.

  
Jacqueline Moore  
Public Utility Accountant I

Subscribed and sworn to me this 2<sup>nd</sup> day of October 2015.



JERENE A. BUCKMAN  
My Commission Expires  
August 23, 2017  
Cole County  
Commission #13754037

  
Jerene A. Buckman  
Notary Public

My Commission expires August 23, 2017.

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**JACQUELINE MOORE**

**LACLEDE GAS COMPANY**

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**DIRECT TESTIMONY  
OF  
JACQUELINE MOORE**

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**LACLEDE GAS COMPANY  
CASE NO. GO-2015-0341**

8

9 **I. INTRODUCTION**

10 Q. PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.

11 A. Jacqueline Moore, P.O. Box 2230, Jefferson City, Missouri 65102-2230.

12

13 Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?

14 A. I am employed by the Missouri Office of the Public Counsel (“OPC” or “Public  
15 Counsel”) as a Public Utility Accountant I.

16

17 Q. WHAT IS THE NATURE OF YOUR CURRENT DUTIES AT THE OPC?

18 A. My duties include performing audits and examinations of the books and records of  
19 public utilities operating within the state of Missouri.

20

21 Q. PLEASE DESCRIBE YOUR EDUCATIONAL BACKGROUND AND OTHER  
22 QUALIFICATIONS.

1 A. I graduated in May 2015, from William Woods University, in Fulton, Missouri, with a  
2 Bachelor of Science Degree in Accounting.

3

4 Q. HAVE YOU PREVIOUSLY FILED TESTIMONY BEFORE THE MISSOURI  
5 PUBLIC SERVICE COMMISSION (“COMMISSION”)?

6 A. No.

7

8 Q. WHAT IS THE PURPOSE OF YOUR DIRECT TESTIMONY?

9 A. The purpose of my direct testimony is to provide the Commission with facts relevant to  
10 Laclede Gas Company’s (“Laclede” or “Company”) and Missouri Gas Energy’s  
11 (“MGE”) petitions to change their respective Infrastructure System Replacement  
12 Surcharges (“ISRS”).

13

14 **II. “BUDGET” INFRASTRUCTURE COSTS**

15 Q. HAVE LACLEDE AND MGE INCLUDED “BUDGET” COSTS IN THEIR INITIAL  
16 APPLICATIONS FILED ON AUGUST 3, 2015?

17 A. Yes. “Budget” costs were included for July 2015 and August 2015. A “budget” cost is  
18 described by Laclede and MGE as a pro-forma cost that is later followed by  
19 reconciliation.

20

1 Q. WHAT ARE THE AMOUNTS OF “BUDGET” COSTS LACLEDE AND MGE  
2 INCLUDED FOR JULY 2015?

3 A. As shown in Laclede’s initial application filing, Laclede included “budget” costs totaling  
4 \$8,113,000 for July 2015.

5 As shown in MGE’s initial application filing, MGE included “budget” costs of  
6 \$1,912,710.66 for July 2015.

7  
8 Q. WHAT ARE THE AMOUNTS OF “BUDGET” COSTS LACLEDE AND MGE  
9 INCLUDED FOR AUGUST 2015?

10 A. As shown in Laclede’s initial application filing, Laclede included “budget” costs totaling  
11 \$8,611,000 for August 2015.

12 As shown in MGE’s initial application filing, MGE included “budget” costs of  
13 \$5,211,188.47 for August 2015.

14  
15 Q. WHAT ARE THE TOTAL AMOUNTS LACLEDE AND MGE CLAIM ARE ISRS-  
16 ELIGIBLE IN THEIR INITIAL APPLICATION FILINGS?

17 A. Laclede calculates ISRS plant to total \$42,501,163.70.

18 MGE calculates ISRS plant to total \$15,099,280.74.

19

1 Q. WHAT ARE THE TOTAL CLAIMED ISRS COSTS ACTUALLY INCURRED FOR  
2 JULY AND AUGUST 2015, AS SHOWN IN LACLEDE AND MGE'S  
3 SUPPLEMENTAL WORKPAPERS PROVIDED TO PUBLIC COUNSEL AFTER  
4 THE INITIAL APPLICATION FILING?

5 A. As shown in Schedule JSM-1, Laclede calculates ISRS actually incurred for July 2015 to  
6 total \$2,132,095.23 and \$15,855,346.44 for August 2015. Together, July 2015 and  
7 August 2015 total \$17,987,441.67.

8 As shown in Schedule JSM-1, MGE calculates ISRS actually incurred for July 2015 to  
9 total \$5,729,647.79 and \$3,897,099.37 for August 2015. Together, July 2015 and  
10 August 2015 total \$9,626,747.16.

11  
12 Q. ARE THE ACTUAL INFRASTRUCTURE COSTS INCURRED HIGHER THAN THE  
13 "BUDGET" AMOUNTS LACLEDE AND MGE INCLUDED IN THEIR INITIAL  
14 APPLICATIONS?

15 A. Yes. The actual infrastructure costs Laclede incurred, for July 2015 and August 2015, is  
16 \$1,263,441.67 higher than the "budget" amount of \$16,724,000 Laclede included in its  
17 initial filing.

18 The actual infrastructure costs MGE incurred, for July 2015 and August 2015, is  
19 \$2,502,848.03 higher than the "budget" amount of \$7,123,899.13 MGE included in its  
20 initial filing.

1 Q. WHAT ARE THE TOTAL PLANT ADDITIONS LACLEDE AND MGE REQUEST  
2 TO INCLUDE IN THEIR ISRS, CALCULATED AFTER ACTUAL COSTS  
3 INCURRED HAVE BEEN INCLUDED RATHER THAN “BUDGET” COSTS?

4 A. As shown in Schedule JSM-1, Laclede requests to include plant additions in its ISRS  
5 totaling \$43,764,732.50.

6 As shown in Schedule JSM-1, MGE requests to include plant additions in its ISRS  
7 totaling \$17,602,129.32.

8  
9 **III. TELEMETRIC EQUIPMENT**

10 Q. PLEASE DESCRIBE THE COSTS OF THE TELEMETRIC EQUIPMENT  
11 REPLACEMENTS DISPUTED BY PUBLIC COUNSEL.

12 A. As shown in Schedule JSM-2, there are several items related to telemetric equipment  
13 replacement which Laclede seeks to recover through the ISRS. The net of these items is  
14 \$401,258.82. The majority of these costs were incurred through work orders #60418 and  
15 #60419, which are also included in Schedule JSM-2.

16  
17 Q. HAS LACLEDE PROVIDED AN EXPLANATION AS TO WHY IT REPLACED THE  
18 TELEMETRIC EQUIPMENT?

19 A. Laclede’s witness, Mr. Patrick Seamands, stated in his direct testimony in this case that  
20 Laclede decided to replace the telemetric equipment because the “old telemetric



1 equipment was obsolete” because the “manufacturer was providing neither replacement  
2 parts nor service support.”

3  
4 **IV. REGULATOR STATIONS**

5 Q. PLEASE DESCRIBE THE COSTS OF THE TWO REGULATOR STATION  
6 REPLACEMENTS DISPUTED BY PUBLIC COUNSEL.

7 A. As shown in Appendix A, Schedule 1, attached to Laclede’s filed application, page 26,  
8 listed under Regulator Stations – Additions, there are two work orders related to  
9 regulator station replacements in which Public Counsel disputes the costs. The first is  
10 work order #003304, described as “replace Osceola & Virginia Reg Sta,” with a cost of  
11 \$500,701.10. The second is work order #003305, described as “Repl Euclid & Hooke  
12 Reg Station,” with a cost of \$654,657.07.

13  
14 Q. HAS PUBLIC COUNSEL BEEN PROVIDED WITH COPIES OF THE WORK  
15 ORDERS DESCRIBED ABOVE?

16 A. Yes. Public Counsel requested copies of the work orders in Public Counsel data request  
17 #1300. Please see attached Schedule JSM-3.

18  
19 Q. DO THE WORK ORDERS STATE WHY LACLEDE REPLACED THE  
20 REGULATOR STATIONS?

1 A. Work Order 003304 describes and justifies the replacement as follows:

2 “WO Description: Install a new SF to IP telemetric below grade  
3 regulator station to replace existing station #519 near the  
4 intersection of Osceola & Virginia. The new station is designed  
5 to feed the new IP Distribution system for the City of St. Louis.”

6  
7 “Reason for Work (Justification): The new SF-IP telemetric  
8 regulator station is necessary to support the new IP distribution  
9 system for the City of St. Louis.”

10  
11 Work Order 003305 describes and justifies the replacement as follows:

12 “WO Description: Install an above grade SF to IP & SIP  
13 telemetric regulator station near Euclid & Hooke. The station is  
14 needed to support the new City IP distribution system and will  
15 replace an existing SIP regulator station that is currently not  
16 telemetric.”

17  
18 “Reason for Work (Justification): The above grade SF to IP &  
19 SIP is necessary to support the new distribution system. It is part  
20 of the new City IP distribution system being installed.”

21  
22 Both Work Orders 003304 and 003305 provide the “Reason Code” for  
23 the replacements as “Strategic.”

24

25 Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?

26 A. Yes, it does.

## Laclede

Amount

Total ISRS eligible additions \$ 42,501,163.70

Total ISRS eligible additions \$ 36,520,258.93

Total ISRS eligible additions \$ 43,764,732.50

### Budget Amounts

July 2015 \$ 8,113,000.00  
August 2015 \$ 8,611,000.00

### Actual Additions

July 2015 \$ 2,132,095.23  
August 2015 \$ 15,855,346.44

Difference between Budget \$ 1,263,441.67

## MGE

Amount

Total ISRS eligible additions MGE \$ 15,099,280.74

Total ISRS eligible additions MGE \$ 18,916,217.87

Total ISRS eligible additions MGE \$ 17,602,129.32

### Budget Amounts

July 2015 \$ 1,912,710.66  
August 2015 \$ 5,211,188.47

### Actual Additions

July 2015 \$ 5,729,647.79  
August 2015 \$ 3,897,099.37

Difference between Budget and \$ 2,502,848.03

<u>WORK ORDER</u>	<u>DESCRIPTION</u>	<u>IN SERVICE DATE</u>	<u>ADDITION AMOUNT</u>	<u>DEPR. EXPENSE</u>
001172	Refresh TM Regulator Stations	201503	(20,276.91)	(752.28)
001172	Refresh TM Regulator Stations	201504	137.01	5.08
001172	Refresh TM Regulator Stations	201505	12.57	0.47
001172	Refresh TM Regulator Stations	201506	33.16	1.23
001172	Refresh TM Regulator Stations	201507	42.75	1.59
001172	Refresh TM Regulator Stations	201508	(34.88)	(1.29)
003306	RTU Upgrade Phase 4	201503	17,544.26	650.90
003306	RTU Upgrade Phase 4	201504	(172.18)	(6.39)
003306	RTU Upgrade Phase 4	201505	(12.27)	(0.46)
003306	RTU Upgrade Phase 4	201506	(25.94)	(0.96)
003306	RTU Upgrade Phase 4	201507	(3,778.32)	(140.18)
003306	RTU Upgrade Phase 4	201508	25.83	0.96
003402	Upgrade ER System Equipment	201503	48,879.41	1,813.45
003402	Upgrade ER System Equipment	201504	(257.51)	(9.55)
003402	Upgrade ER System Equipment	201505	(19.13)	(0.71)
003402	Upgrade ER System Equipment	201506	(102.70)	(3.81)
003402	Upgrade ER System Equipment	201507	(55.05)	(2.04)
003402	Upgrade ER System Equipment	201508	(33.38)	(1.24)
005357	Refresh Existing TM Stations	201503	20,183.38	748.81
005357	Refresh Existing TM Stations	201504	(14.90)	(0.55)
005357	Refresh Existing TM Stations	201505	(8.15)	(0.30)
005357	Refresh Existing TM Stations	201506	(4.15)	(0.15)
005357	Refresh Existing TM Stations	201507	(26.43)	(0.98)
005357	Refresh Existing TM Stations	201508	21.42	0.79
604180	60418 UPGRADE INSTRUMENTATION	201310	205,916.37	7,639.58
604190	60419 REPL BRISTOL NETWORK RTU'S	201309	133,284.56	4,944.91

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REV 08/10

**WORK ORDER AUTHORIZATION - CAPITAL**  
**LACLEDE GAS COMPANY**

DESIGNER WORK REQUEST ID \_\_\_\_\_ CONSTRUCTION W.O. NO. 60418  
 SERVICE HUB PROJECT ID \_\_\_\_\_ RETIREMENT W.O. NO. 55729

Laclede DIVISION

PROJECT Upgrade Instrumentation for TM Station SERVICE TRANSFER W.O. NO. \_\_\_\_\_  
 ITS/FAC. MGMT. REVIEW \_\_\_\_\_

TRACKING NO. \_\_\_\_\_ ADDITION PLANT ACCOUNT 378  
 DATE 12/08/11 RETIREMENT PLANT ACCOUNT 378.00 DATE APPROVED 12-20-11

**DESCRIPTION AND NECESSITY**

Upgrade telemetric equipment at TM station to replace defective equipment and older technology

Many of the existing telemetric stations that are in the SCADA system require continuous monitoring of the equipment and must stay current with System Control's systems. For System Control to properly manage and operate the distribution system, electronic monitoring and control are a must. Older equipment is required to be updated to keep up with the current changes in the industry and to be able to work properly with Laclede's SCADA network.

DEPARTMENT CODE 525

RELATED WORK ORDER (TRACKING) NUMBERS \_\_\_\_\_ ESTIMATED C&M MANDAYS \_\_\_\_\_  
 ADDITION: \_\_\_\_\_ RETIREMENT: \_\_\_\_\_

**SUMMARY OF ESTIMATED CAPITAL EXPENDITURES IN DOLLARS (Good for 30 days)**

1	2	3	4	5	6	7	8	9	
CONTRACT LABOR	MANAGEMENT LABOR	MECHANICAL EQUIPMENT	MATERIAL STORES	MATERIAL PURCHASED	CONTRACTED WORK	DEPARTMENT CLEARINGS	TAXES	OVERHEAD & INTEREST	NEW CAPITAL TOTAL
19,916	10,966	2,026	7,130	34,355	15,000	32,707	3,304	66,573	191,977

**RETIREMENT SUMMARY**

1	2	3	4	5	6	7	8	9	
CONTRACT LABOR	MANAGEMENT LABOR	MECHANICAL EQUIPMENT	MATERIAL STORES	MATERIAL PURCHASED	CONTRACTED WORK	DEPARTMENT CLEARINGS	TAXES	OVERHEAD	REMOVAL COST TOTAL
									0

ITEM	CL.	UNT	LOCATION	PROPERTY VALUE	REMOVAL COST	SALVAGE VALUE
TOTALS				\$0	\$0	\$0

RIGHTS OF WAY REQUIRED \_\_\_\_\_ GRID \_\_\_\_\_ NET CHARGE TO DEPRECIATION RESERVE: \$0

MUNICIPALITY: Various GRID: Various PERMITS  EASEMENTS  OTHER

OVER 30 DAYS YES <input checked="" type="checkbox"/>	OVERHEAD % <u>57</u>	BUDGET PROJECT NO. <u>36SI</u>	TAX CODE _____	ASSET MANAGEMENT APPROVED <u>[Signature]</u> <u>12/19/11</u>	UNCOMMITTED BUDGET PROJECT BALANCE <u>191,900</u>
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**MANAGEMENT AUTHORIZATION & APPROVAL (See Appendix A to Procedure 35-02)**

Authorized: [Signature] Date: 12-14-2011 Approved: [Signature] Date: 12-16-11

Am 12/15/11

F-117

WORK ORDER AUTHORIZATION - CAPITAL

REV 08/10

LACLEDE GAS COMPANY

DESIGNER WORK REQUEST ID \_\_\_\_\_

CONSTRUCTION W.O. NO. 60419

SERVICE HUB PROJECT ID \_\_\_\_\_

RETIREMENT W.O. NO. 55730

DIVISION \_\_\_\_\_

SERVICE TRANSFER W.O. NO. \_\_\_\_\_

PROJECT Phase II of V to Replace Bristol Network 3000 RTU's

ITS/FAC. MGMT. REVIEW \_\_\_\_\_

TRACKING NO. \_\_\_\_\_ ADDITION PLANT ACCOUNT 378 & 379.10

DATE 12/09/11 RETIREMENT PLANT ACCOUNT 378.10 & 379.10

DATE APPROVED 12-20-11

DESCRIPTION AND NECESSITY

Replace six Series 3300 Bristol RTU's that are part of a five year plan to upgrade the telemetric equipment. The existing RTU's are obsolete and parts are no longer available.

The existing 3300 series RTU's are no longer available from the manufacturer. Parts and service are no longer being supported by the manufacturer and service support is being redirected to the product lines. The RTU's are vital to the SCADA network and are essential for Laclede's operation of the distribution system.

DEPARTMENT CODE 525

RELATED WORK ORDER (TRACKING) NUMBERS

ESTIMATED C&M MANDAYS

ADDITION: RETIREMENT:

SUMMARY OF ESTIMATED CAPITAL EXPENDITURES IN DOLLARS (Good for 30 days)

1	2	3	4	5	6	7	8	9	NEW CAPITAL TOTAL
CONTRACT LABOR	MANAGEMENT LABOR	MECHANICAL EQUIPMENT	MATERIAL STORES	MATERIAL PURCHASED	CONTRACTED WORK	DEPARTMENT CLEARINGS	TAXES	OVERHEAD & INTEREST	
12,386	15,309	1,290	5,700	34,199	0	27,337	2,902	42,475	141,598

RETIREMENT SUMMARY

1	2	3	4	5	6	7	8	9	REMOVAL COST TOTAL
CONTRACT LABOR	MANAGEMENT LABOR	MECHANICAL EQUIPMENT	MATERIAL STORES	MATERIAL PURCHASED	CONTRACTED WORK	DEPARTMENT CLEARINGS	TAXES	OVERHEAD	
									0

ITEM	CL.	UNIT	LOCATION	PROPERTY VALUE	REMOVAL COST	SALVAGE VALUE
Retirement will be based on the greatest need from the field locations. Those locations are still being evaluated.						
TOTALS				\$0	\$0	\$0

RIGHTS OF WAY REQUIRED: GRID: NET CHARGE TO DEPRECIATION RESERVE: \$0

MUNICIPALITY: Various Various PERMITS  EASEMENTS  OTHER

OVER 30 DAYS YES <input checked="" type="checkbox"/>	OVERHEAD %	BUDGET PROJECT NO.	TAX CODE	ASSET MANAGEMENT APPROVED	UNCOMMITTED BUDGET PROJECT BALANCE
NO <input type="checkbox"/>	46	52TO		<u>12/19/11</u>	<u>141,600</u>

MANAGEMENT AUTHORIZATION & APPROVAL (See Appendix A to Procedure 35-02)

Authorized: [Signature] Date: 12-14-2011

Approved: [Signature] Date: 12-16-11

*John 12/15/11*

## Work Order Authorization Information

**Header Detail**

<p><b>Work Order: 003304</b></p> <p><b>Work Order Title:</b> Replace Osceola &amp; Virginia Reg Sta</p> <p><b>Wo Type Description:</b> WO-Regulator Station Upgrade LGC</p> <p><b>Work Order Group:</b></p> <p><b>Current Revision:</b> 1</p> <p><b>Funding Project:</b> 3602L</p> <p><b>Funding Project Desc:</b> Replacement Regulator Station</p> <p><b>Eligible for AFUDC:</b> yes      <b>Eligible for CPI:</b> yes</p> <p><b>Reason Code:</b> Strategic</p> <p><b>WO Description:</b> Install a new SF to IP telemetric below grade regulator station to replace existing station #519 near the intersection of Osceola &amp; Virginia. The new station is designed to feed the new IP Distribution system for the City of St. Louis.</p> <p><b>Major Location:</b> Reg. Stations - St. Louis City</p> <p><b>Asset Location:</b> Osceola &amp; Virginia</p> <p><b>Estimated Start Date:</b> Oct 01, 2013      <b>Estimated Completion Date:</b> Sep 30, 2014      <b>Estimated In-Service Date:</b> Sep 30, 2014</p> <p><b>Notes:</b> Existing station #519 will be retired under separate work order.</p>	<p><b>Company:</b> Laclede Gas Company</p> <p><b>Business Segment:</b> Distribution LDC 1</p> <p><b>Functional Class:</b> Distribution Plant</p> <p><b>Department Code:</b> 10525</p> <p><b>Department Description:</b> Instrumentation &amp; Control</p> <p><b>Budget Description:</b> Replacement Regulator Station</p> <p><b>Est. Annual Revenue:</b> \$0</p> <p><b>Reimbursement Type:</b> None</p> <p><b>Retirement Type:</b></p> <p><b>Status:</b> in service</p>
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**Reason for Work (Justification)**

The new SF-IP telemetric regulator station is necessary to support the new IP distribution system for the City of St. Louis

### Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	1/26/2014
Manager, I&C	Noelker, Bob	\$10,000	1/27/2014
Chief Operating Officer	Lindsey, Steve	\$500,000	2/5/2014
President & CEO	Sitherwood, Suzanne	\$999,999,999,999	2/5/2014

\*\*\*\*\* Unit Estimate \*\*\*\*\*

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
378000-Meas & Reg Station Equipment	\$673,104.00	\$0.00	\$673,104.00	\$0.00	\$0.00
<b>Total Estimated Costs:</b>	<b>\$673,104.00</b>	<b>\$0.00</b>	<b>\$673,104.00</b>	<b>\$0.00</b>	<b>\$0.00</b>

## Work Order Authorization Information

**Header Detail**

<p><b>Work Order: 003305</b></p> <p><b>Work Order Title:</b> Repl Euclid &amp; Hooke Reg Station</p> <p><b>Wo Type Description:</b> WO-Regulator Station Upgrade LGC</p> <p><b>Work Order Group:</b></p> <p><b>Current Revision:</b> 1</p> <p><b>Funding Project:</b> 3602L</p> <p><b>Funding Project Desc:</b> Replacement Regulator Station</p> <p><b>Eligible for AFUDC:</b> yes      <b>Eligible for CPI:</b> yes</p> <p><b>Reason Code:</b> Strategic</p> <p><b>WO Description:</b> Install an above grade SF to IP &amp; SIP telemetric regulator station near Euclid &amp; Hooke. The station is needed to support the new City IP distribution system and will replace an existing SIP regulator station that is currently not telemetric.</p> <p><b>Major Location:</b> Reg. Stations - St. Louis City</p> <p><b>Asset Location:</b> Euclid &amp; Hooke</p> <p><b>Estimated Start Date:</b> Oct 01, 2013      <b>Estimated Completion Date:</b> Sep 30, 2014      <b>Estimated In-Service Date:</b> Sep 30, 2014</p> <p><b>Notes:</b> See attachment for list of retirements. 50% complete as of 9-17-14 per Kurt Bieber</p>	<p><b>Company:</b> Laclede Gas Company</p> <p><b>Business Segment:</b> Distribution LDC 1</p> <p><b>Functional Class:</b> Distribution Plant</p> <p><b>Department Code:</b> 10525</p> <p><b>Department Description:</b> Instrumentation &amp; Control</p> <p><b>Budget Description:</b> Replacement Regulator Station</p> <p><b>Est. Annual Revenue:</b> \$0</p> <p><b>Reimbursement Type:</b> None</p> <p><b>Retirement Type:</b></p> <p><b>Status:</b> in service</p>
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**Reason for Work (Justification)**

The above grade SF to IP & SIP is necessary to support the new distribution system. It is part of the new City IP distribution system being installed

### Approvals

Level	Approver	Approval Limit	Date Approved
Operational Accounting	Muehlenkamp, Anne	\$0	1/26/2014
Manager, I&C	Noelker, Bob	\$10,000	1/27/2014
Chief Operating Officer	Lindsey, Steve	\$500,000	2/5/2014
President & CEO	Sitherwood, Suzanne	\$999,999,999,999	2/5/2014

\*\*\*\*\* Unit Estimate \*\*\*\*\*

Utility Account	Additions	Removal Cost	Total Expenditures	Retirement Value	Salvage
375100-Struct & Impv - Meas & Reg S	\$0.00	\$0.00	\$0.00	\$1,518.24	\$0.00
378000-Meas & Reg Station Equipment	\$571,857.00	\$24,704.00	\$596,561.00	\$12,714.71	\$4,982.00
<b>Total Estimated Costs:</b>	<b>\$571,857.00</b>	<b>\$24,704.00</b>	<b>\$596,561.00</b>	<b>\$14,232.95</b>	<b>\$4,982.00</b>