

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

In the Matter of the Application of Missouri Gas)
Energy, an operating unit of Laclede Gas) File No. G0-2015-01____
Company, for approval to Change its)
Infrastructure System Replacement Surcharge)

**VERIFIED APPLICATION AND PETITION OF MGE TO CHANGE ITS
INFRASTRUCTURE SYSTEM REPLACEMENT SURCHARGE**

COMES NOW Missouri Gas Energy ("MGE"), an operating unit of Laclede Gas Company, pursuant to Sections 393.1009-1015 RSMo; and 4 CSR 240-2.060, 2.080, and 3.265 of the Rules of the Missouri Public Service Commission ("Commission"), and for its Verified Application and Petition to Change Its Infrastructure System Replacement Surcharge ("Application"), respectfully states as follows to the Commission:

SUMMARY

1. Sections 393.1009-1015 RSMo and Commission Rule 4 CSR 240-3.265 provide eligible gas corporations with the ability to recover certain infrastructure system replacement costs via the implementation of an Infrastructure System Replacement Surcharge (ISRS). MGE's current ISRS was established effective October 18, 2014 by Commission Order in Case No. GR-2015-0025, covering ISRS costs incurred through August 31, 2014. Since August 31, MGE has continued to incur ISRS costs. For the period from September 1, 2014 through February 28, 2015, those costs result in additional annualized ISRS revenues exceeding \$1 million. MGE submits this Application to change its ISRS to reflect these additional costs.

THE APPLICANT

2. MGE is an operating unit of Laclede Gas Company, which is duly incorporated under the laws of the State of Missouri and conducts business in its

MGE service territory under the fictitious name of Missouri Gas Energy. Laclede's principal office is located at 720 Olive Street, St. Louis, Missouri 63101. MGE's principal office is located at 3420 Broadway, Kansas City, Missouri 64111. A Certificate of Good Standing evidencing Laclede's standing to do business in Missouri was submitted in Case No. GF-2009-0450 and is incorporated herein by reference for all purposes. The information in such Certificate is current and correct.

3. Other than cases that have been docketed at the Commission, neither MGE nor Laclede Gas Company has a pending action or final unsatisfied judgment against it from any state or federal agency or court within the past three (3) years that involve customer service or rates. Laclede has no annual report or assessment fees that are overdue.

4. MGE provides natural gas service to approximately 500,000 customers in the western Missouri counties of Andrew, Barry, Barton, Bates, Buchanan, Carroll, Cass, Cedar, Christian, Clay, Clinton, Dade, Dekalb, Greene, Henry, Howard, Jackson, Jasper, Johnson, Lafayette, Lawrence, McDonald, Moniteau, Pettis, Platte, Ray, Saline, Stone, and Vernon.

5. MGE is subject to the jurisdiction of the Missouri Public Service Commission as provided by law.

6. Communications in regard to this Application should be addressed to the undersigned counsel and:

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Director, Pricing and Regulatory Affairs
Missouri Gas Energy
3420 Broadway
Kansas City, Missouri 64111
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THE ISRS REQUEST

7. With this Application, MGE requests an adjustment to its rates and charges through its established ISRS rate schedule to provide for the recovery of ISRS-eligible costs incurred during the period September 1, 2014 through February 28, 2015. In accordance with the provisions of sections 393.1009, 393.1012 and 393.1015 RSMo, and Commission Rule 4 CSR 240-3.265, the proposed ISRS rate schedule should reflect the appropriate pre-tax ISRS revenues necessary to produce net operating income equal to MGE's pre-tax rate of return multiplied by the net original cost of the requested infrastructure investments that are eligible for the ISRS, including recognition of accumulated deferred income taxes and accumulated depreciation associated with the aforesaid infrastructure system investments. MGE also seeks to recover all state, federal and local income or excise taxes applicable to such ISRS income and to recover all other ISRS costs such as depreciation expense, and property taxes due within 12 months of this filing.

8. The summary of the new infrastructure system investments for which MGE seeks ISRS recognition are set forth on page 1 of **Appendix A**, with the details set forth on **Appendices B, C and D**, which are attached hereto and made a part hereof for all purposes. The infrastructure system investments listed in the appendices are eligible gas utility plant projects pursuant to Commission Rule 4 CSR 240-3.265(1)(G)1-3 in that they are either: a)

mains, valves, service lines, regulator stations, vaults, and other pipeline system components installed to comply with state or federal safety requirements as replacements for existing facilities that have worn out or are in deteriorated condition; or, b) main relining projects, service line insertion projects, joint encapsulation projects, and other similar projects extending the useful life, or enhancing the integrity of pipeline system components undertaken to comply with state or federal safety requirements; or, c) unreimbursed infrastructure facility relocations due to the construction or improvement of a highway, road, street, public way or other public work required by or on behalf of the United States, the State of Missouri, a political subdivision of the State of Missouri, or another entity having the power of eminent domain.

9. The infrastructure system investments listed in the appendices are eligible for ISRS treatment as they are gas utility plant projects that: a) did not increase revenues by directly connecting to new customers; b) currently are in service and used and useful; c) were not included in MGE's rate base in its most recently completed general rate case (GR-2014-0007); and, d) replaced and/or extended the useful life of existing infrastructure. The details in **Appendices B, C and D** further describe when the ISRS projects were completed and became used and useful; the net original cost, costs eligible for recovery and a breakdown of those costs in accordance with Commission Rule 4 CSR 240-3.265(20)(K); and, a description of the projects in accordance with Commission Rule 4 CSR 240-3.265(20)(L).

RATE SCHEDULES AND SUPPORTING DOCUMENTATION

10. Attached hereto is the rate schedule, with supporting documents in

Appendices A, B, C and D, proposed by MGE in order to establish the new ISRS and to provide for the adjustment of its rates and charges to reflect recovery of eligible infrastructure costs.

11. In determining the appropriate pre-tax ISRS revenues, the proposed rate schedule utilizes current state and federal income tax rates through a combined income tax rate conversion factor of 1.62308.

12. In determining the appropriate pre-tax ISRS revenues, the proposed rate schedule utilizes a pre-tax rate of return of 9.75% per the approved stipulation and agreement in MGE's most recently completed general rate proceeding (Case No. GR-2014-0007).

13. In determining the appropriate pre-tax ISRS revenues, the proposed rate schedule utilizes a current composite property tax rate of 2.62%.

14. In determining the appropriate pre-tax ISRS revenues, the proposed rate schedule utilizes depreciation rates currently applicable to the aforesaid eligible infrastructure system investments as approved by the Commission for MGE in its most recently completed general rate proceeding.

15. In determining the appropriate monthly ISRS charge herein, the proposed rate schedule is based on a reasonable estimate of billing units in the period in which the charge will be in effect, which is derived by dividing the appropriate pre-tax revenues, as calculated above, by the customer numbers reported by MGE in the annual report it filed with the Commission on or about April 15, 2014, further dividing this quotient by twelve, and then maintaining the proportional relationship among the ISRS rate element for each customer class equivalent to the proportional relationship of the monthly fixed charge for each

customer class as approved in Case No. GR-2014-0007. The ISRS rate elements by customer class calculated on this basis yield appropriate pre-tax revenues as shown on page 6 of **Appendix A**.

ADDITIONAL INFORMATION

16. Attached as **Appendix E** (page 1) is the information MGE maintains on its website to inform customers of the ISRS as referenced in Commission Rule 4 CSR 240-3.265(22)(A).

17. **Appendix E** (page 2) shows instructions provided by the Company to personnel at MGE's customer contact center regarding how those personnel should respond to calls pertaining to the ISRS as referenced in Commission Rule 4 CSR 240-3.265(22)(B)

WHEREFORE, pursuant to 393.1015.2(3) RSMo and Commission Rule 3.265(12), MGE respectfully requests the Commission issue an order approving a change to MGE's ISRS rate schedules to provide for the recovery of the eligible infrastructure system investments made by MGE as described in the paragraphs above, and grant such other relief as may be necessary and appropriate to accomplish the purposes of Sections 393.1009 through 393.1015.

Respectfully Submitted,

/s/ Rick E. Zucker
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CERTIFICATE OF SERVICE

The undersigned certifies that a true and correct copy of the foregoing Application and Petition was served on the General Counsel of the Staff of the Missouri Public Service Commission and the Office of the Public Counsel on this 30th day of January, 2015 by hand-delivery, fax, electronic mail or United States mail, postage prepaid.

/s/ Marcia Spangler

Marcia Spangler

Missouri Gas Energy
Summary of Plant Additions

	Original Cost	Retirements	Accum Depr	Depr Exp
<u>Summary</u>				
Public Improvements	8,703,398.67		(84,119.61)	156,696.19
SLRP	7,920,015.16		(76,210.12)	141,039.36
Encapsulation	550,420.01		(5,165.93)	9,797.45
Regulator Stations	27,899.46		(369.22)	799.88
Blanket Workorders	4,232,681.92		(66,519.76)	112,576.38
January Additions				
February Additions				
Retirements		(1,015,806.76)		(22,713.54)
Grand Total	21,434,415.22	(1,015,806.76)	(232,384.64)	398,196.72

Missouri Gas Energy
Property Tax Calculation
ISRS Filing

2014 Investment - Current ISRS filing	\$ 17,467,247
2014 Investment - Previous ISRS filing	\$ 13,840,900
Less: 2014 Retirements - Current ISRS Filing	\$ (1,015,807)
Less: 2014 Retirements - Previous ISRS Filing	<u>\$ (1,322,519)</u>
Net Change in Property Base	28,969,821
Assessed Value %	32%
Rate	<u>8.1897%</u>
Property Tax Expense	<u><u>\$ 759,215</u></u>

Missouri Gas Energy
Deferred Taxes - Rate Base Reduction
ISRS Filing

Federal Tax Rate:	35.0000%	
Composite Tax Rate:	<u>38.3886%</u>	
	Current ISRS	GR-2015-0025
2014 Tax Depreciation	1,561,637	6,660,933
2015 Tax Depreciation	9,625,378	249,794
Total Tax Depreciation	<u>11,187,015</u>	<u>6,910,727</u>
Book Depreciation	<u>232,384</u>	<u>168,296</u>
Difference between tax and book Depec	<u>\$ 9,392,994</u>	<u>\$ 6,742,431</u>
Total Deferred Taxes	<u>\$ 3,605,839</u>	<u>\$ 2,588,325</u>

Missouri Gas Energy
Rate of Return Determination Per GR-2014-0007

Per the Stipulation and Agreement in GR-2014-0007 the pre-tax rate of return for all ISRS filings will be 9.75%

Missouri Gas Energy
Rate Design
ISRS Filing

Current ISRS Rev Req	2,604,269
GR-2015-0025 ISRS Rev Req	\$ 1,990,295
Total ISRS Rev Requirement	\$ 4,594,564.88

	No. of Customers Note	Customer Charges	Allocation	Ratio To Res Cust Chrg	ISRS Charge	ISRS Revenue
Residential	440,372	\$23.00	\$ 4,015,420	1.0000	\$ 0.68	\$ 3,592,704
Small General Service	60,087	\$34.00	\$ 547,888	1.4783	\$ 1.01	\$ 724,658
Large General Service	2,939	\$115.40	\$ 26,799	5.0174	\$ 3.41	\$ 120,304
Large Volume	489	\$904.56	\$ 4,459	39.3287	\$ 26.74	\$ 156,899
	503,887	\$	\$ 4,594,565			\$ 4,594,565

Per Customer	\$ 0.7599
Per Cust Weighted	\$ 0.6799

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376100-Mains - Steel	20401133249	003788	Cypress & E 43rd Repl Cooper w 45'-	F0613	Addition	ISRS Other	201409	(607.88)	9	0.00148333	(8.12)	(10.82)
		003788 Total						(607.88)			(8.12)	(10.82)
376100-Mains - Steel	20909133142	003793	Richmond Dr Repl 10'-2in pcs main	F0580	Addition	ISRS Other	201409	2.60	9	0.00148333	0.03	0.05
		003793 Total						2.60			0.03	0.05
376100-Mains - Steel	20802132908	003795	Short St Repl PBS w 30'-2in CS main	F0592	Addition	ISRS Other	201409	(49.61)	9	0.00148333	(0.66)	(0.88)
		003795 Total						(49.61)			(0.66)	(0.88)
376100-Mains - Steel	21001132796	003797	Monterey Dr Repl PBS w 600'-4in PE	F0504	Addition	ISRS Other	201409	(133.36)	9	0.00148333	(1.78)	(2.37)
		003797 Total						(133.36)			(1.78)	(2.37)
376100-Mains - Steel	21219132984	003801	S Walnut Repl PE w 9'-4in PE main	F0547	Addition	Public Improv	201409	10.42	9	0.00148333	0.14	0.19
		003801 Total						10.42			0.14	0.19
376100-Mains - Steel	21271132955	003802	NE 50 & N Chelsea Repl PBS w 12'-2i	F0663	Addition	ISRS Other	201409	7.45	9	0.00148333	0.10	0.13
		003802 Total						7.45			0.10	0.13
376100-Mains - Steel	20802132882	003806	Elm & Halstead Repl PBS w 15'-2in P	F0634	Addition	ISRS Other	201409	20.05	9	0.00148333	0.27	0.36
		003806 Total						20.05			0.27	0.36
376100-Mains - Steel	20501132871	003807	20th & Ozark Reloc PCS w 370'-4in;5	F0664	Addition	Public Improv	201409	24,425.73	9	0.00148333	326.08	434.78
376100-Mains - Steel	20501132871	003807	20th & Ozark Reloc PCS w 370'-4in;5	F0664	Addition	Public Improv	201410	(17.78)	8	0.00148333	(0.21)	(0.32)
		003807 Total						24,407.95			325.87	434.46
376300-Mains - Plastic	20503143406	003808	3rd & Arch Repl PBS w 2795'-4;745'-	F0544	Addition	ISRS Other	201411	180,848.77	7	0.00148333	1,877.81	3,219.10
376300-Mains - Plastic	20503143406	003808	3rd & Arch Repl PBS w 2795'-4;745'-	F0544	Addition	ISRS Other	201412	395.39	6	0.00148333	3.52	7.04

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
		003808 Total						181,244.16			1,881.33	3,226.14
376300-Mains - Plastic	20201133152	003809	Ky & Sterling Repl PBS w 900'-12 TF	F0604	Addition	ISRS Other	201409	9,975.01	9	0.00148333	133.17	177.55
376300-Mains - Plastic	20201133152	003809	Ky & Sterling Repl PBS w 900'-12 TF	F0604	Addition	ISRS Other	201410	-	8	0.00148333	-	-
		003809 Total						9,975.01			133.17	177.55
376100-Mains - Steel	20801133175	003810	11th & Cleveland Repl PBS w 220'-2i	F0592	Addition	ISRS Other	201409	3.20	9	0.00148333	0.04	0.06
		003810 Total						3.20			0.04	0.06
380200-Services	20201050360	003815	BWO SERVICE LINE LEAK RESPONSIVE CO	F0484	Addition	Blanket WO	201409	33.67	9	0.00223333	0.68	0.90
380200-Services	20201050360	003815	BWO SERVICE LINE LEAK RESPONSIVE CO	F0484	Addition	Blanket WO	201410	-	8	0.00223333	-	-
		003815 Total						33.67			0.68	0.90
380200-Services	20401050360	003816	BWO SERVICE LINE LEAK RESPONSIVE	F0558	Addition	Blanket WO	201409	29,889.97	9	0.00223333	600.79	801.05
380200-Services	20401050360	003816	BWO SERVICE LINE LEAK RESPONSIVE	F0558	Addition	Blanket WO	201410	170,646.25	8	0.00223333	3,048.88	4,573.31
380200-Services	20401050360	003816	BWO SERVICE LINE LEAK RESPONSIVE	F0558	Addition	Blanket WO	201411	75,040.75	7	0.00223333	1,173.14	2,011.09
380200-Services	20401050360	003816	BWO SERVICE LINE LEAK RESPONSIVE	F0558	Addition	Blanket WO	201412	137,868.63	6	0.00223333	1,847.44	3,694.87
		003816 Total						413,445.60			6,670.25	11,080.32
380200-Services	20901050371	003817	BWO SERVICE LINE REPL MODIFIED BLOC	F0581	Addition	Blanket WO	201409	5,719.20	9	0.00223333	114.96	153.27
		003817 Total						5,719.20			114.96	153.27
380200-Services	20401050372	003818	BWO SERVICE REPL BLOCK CONTRACTOR S	F0568	Addition	Blanket WO	201409	152,025.89	9	0.00223333	3,055.72	4,074.29
380200-Services	20401050372	003818	BWO SERVICE REPL BLOCK CONTRACTOR S	F0568	Addition	Blanket WO	201410	28,628.69	8	0.00223333	511.50	767.25
380200-Services	20401050372	003818	BWO SERVICE REPL BLOCK CONTRACTOR S	F0568	Addition	Blanket WO	201411	18,288.69	7	0.00223333	285.91	490.14
380200-Services	20401050372	003818	BWO SERVICE REPL BLOCK CONTRACTOR S	F0568	Addition	Blanket WO	201412	21,637.92	6	0.00223333	289.95	579.90
		003818 Total						220,581.19			4,143.08	5,911.58
380200-Services	20801050372	003819	BWO SERVICE LINE REPL BLOCK CONTRAC	F0552	Addition	Blanket WO	201409	5,005.29	9	0.00223333	100.61	134.14

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
		003819 Total						5,005.29			100.61	134.14
380200-Services	20801050361	003823	BWO SERVICE LINE REPL MODIFIED BLOC	F0522	Addition	Blanket WO	201409	26,370.98	9	0.00223333	530.06	706.74
380200-Services	20801050361	003823	BWO SERVICE LINE REPL MODIFIED BLOC	F0522	Addition	Blanket WO	201410	7,587.08	8	0.00223333	135.56	203.33
380200-Services	20801050361	003823	BWO SERVICE LINE REPL MODIFIED BLOC	F0522	Addition	Blanket WO	201411	25,805.41	7	0.00223333	403.42	691.58
380200-Services	20801050361	003823	BWO SERVICE LINE REPL MODIFIED BLOC	F0522	Addition	Blanket WO	201412	11,747.82	6	0.00223333	157.42	314.84
		003823 Total						71,511.29			1,226.46	1,916.49
382000 Meter Installations-MG	20901050363	003825	BWO SLRP MTR/REG REPL COMPANY	F0516	Addition	Blanket WO	201409	3,649.84	9	0.00203333	66.79	89.06
382000 Meter Installations-MG	20901050363	003825	BWO SLRP MTR/REG REPL COMPANY	F0516	Addition	Blanket WO	201410	10,750.98	8	0.00203333	174.88	262.32
382000 Meter Installations-MG	20901050363	003825	BWO SLRP MTR/REG REPL COMPANY	F0516	Addition	Blanket WO	201411	3,556.67	7	0.00203333	50.62	86.78
382000 Meter Installations-MG	20901050363	003825	BWO SLRP MTR/REG REPL COMPANY	F0516	Addition	Blanket WO	201412	2,193.10	6	0.00203333	26.76	53.51
		003825 Total						20,150.59			319.05	491.67
380200-Services	20401050367	003826	BWO SERVICE LINE MATERIAL-COMPANY S	F0487	Addition	Blanket WO	201409	(596.15)	9	0.00223333	(11.98)	(15.98)
		003826 Total						(596.15)			(11.98)	(15.98)
376100-Mains - Steel	20910132661	003829	2nd & Charles Repl PBS w 340'-2in P	F0604	Addition	ISRS Other	201409	0.32	9	0.00148333	-	0.01
		003829 Total						0.32			-	0.01
376100-Mains - Steel	20928132664	003833	Wells St Reloc PCS w 660'-2in PE	F0578	Addition	Public Improv	201409	(39.90)	9	0.00148333	(0.53)	(0.71)
		003833 Total						(39.90)			(0.53)	(0.71)
376100-Mains - Steel	20401132322	003838	Mayfair Ph2 Repl CS w 8000'-20in TF	F0636	Addition	ISRS Other	201409	(10,120.82)	9	0.00148333	(135.11)	(180.15)
376100-Mains - Steel	20401132322	003838	Mayfair Ph2 Repl CS w 8000'-20in TF	F0636	Addition	ISRS Other	201410	(961.99)	8	0.00148333	(11.42)	(17.12)
376100-Mains - Steel	20401132322	003838	Mayfair Ph2 Repl CS w 8000'-20in TF	F0636	Addition	ISRS Other	201411	132.91	7	0.00148333	1.38	2.37
		003838 Total						(10,949.90)			(145.15)	(194.90)
376100-Mains - Steel	20909132747	003839	Alley btw Taylor/Campbell Repl PBS	F0646	Addition	ISRS Other	201409	(30.63)	9	0.00148333	(0.41)	(0.55)
		003839 Total						(30.63)			(0.41)	(0.55)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

<u>Utility Account</u>	<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Work Order Description</u>	<u>Funding Proj. No.</u>	<u>FERC Activity</u>	<u>Category</u>	<u>Month</u>	<u>Addition Amount</u>	<u>Months</u>	<u>Depr Mo. Rate</u>	<u>Accum. Depr</u>	<u>Depr Expense</u>
376100-Mains - Steel	20501132517	003844	Plaza Dr Repl PBS w 1825'-4in PE	F0544	Addition	ISRS Other	201409	(170.70)	9	0.00148333	(2.28)	(3.04)
		003844 Total						(170.70)			(2.28)	(3.04)
376100-Mains - Steel	20901132505	003845	Fairview DR#55 Inlet/Outlet Piping	F0580	Addition	ISRS Other	201409	(586.59)	9	0.00148333	(7.83)	(10.44)
		003845 Total						(586.59)			(7.83)	(10.44)
376100-Mains - Steel	20806132677	003846	Neosho & South St Repl PBS w 135'-4	F0592	Addition	ISRS Other	201409	(269.26)	9	0.00148333	(3.59)	(4.79)
		003846 Total						(269.26)			(3.59)	(4.79)
376100-Mains - Steel	20806132655	003848	Peterson Road Rectifier & Groundbed	F0621	Addition	ISRS Other	201409	(131.71)	9	0.00148333	(1.76)	(2.34)
		003848 Total						(131.71)			(1.76)	(2.34)
376100-Mains - Steel	20201132800	003859	35th & Denton Repl PBS w 1220'-2in	F0604	Addition	ISRS Other	201409	(1,334.18)	9	0.00148333	(17.81)	(23.75)
		003859 Total						(1,334.18)			(17.81)	(23.75)
376100-Mains - Steel	21001132830	003861	22nd & Vories REPL PBS w 377-4in PE	F0504	Addition	ISRS Other	201409	(317.52)	9	0.00148333	(4.24)	(5.65)
		003861 Total						(317.52)			(4.24)	(5.65)
376100-Mains - Steel	20902143310	003866	83rd St Reloc PBS/PCS w 2825'-4in P	F0549	Addition	Public Improv	201409	(3,718.06)	9	0.00148333	(49.64)	(66.18)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
		003866 Total						(3,718.06)			(49.64)	(66.18)
376300-Mains - Plastic	20401133186	003869	AOR Brooklyn & Linwood Repl CI w 60	F0599	Addition	ISRS Other	201409	(2,154.05)	9	0.00148333	(28.76)	(38.34)
		003869 Total						(2,154.05)			(28.76)	(38.34)
376100-Mains - Steel	20201132920	003871	Smart Ave Repl PBS w 620'-2in PE Ma	F0604	Addition	ISRS Other	201409	(515.72)	9	0.00148333	(6.88)	(9.18)
		003871 Total						(515.72)			(6.88)	(9.18)
376300-Mains - Plastic	20902133172	003874	Gregory Heights Repl PBS main	F0604	Addition	ISRS Other	201411	800,090.36	7	0.00148333	8,307.59	14,241.58
376300-Mains - Plastic	20902133172	003874	Gregory Heights Repl PBS main	F0604	Addition	ISRS Other	201412	4,971.35	6	0.00148333	44.24	88.49
		003874 Total						805,061.71			8,351.83	14,330.07
376100-Mains - Steel	21274132678	003876	NE 68th Reloc PCS w 682'-4in PE mai	F0547	Addition	Public Improv	201409	(860.78)	9	0.00148333	(11.49)	(15.32)
376100-Mains - Steel	21274132678	003876	NE 68th Reloc PCS w 682'-4in PE mai	F0547	Addition	Public Improv	201412	19,553.21	6	0.00148333	174.02	348.05
		003876 Total						18,692.43			162.53	332.73
376100-Mains - Steel	20501133145	003878	9th & Schifferdecker Reloc 86'-2in	F0664	Addition	Public Improv	201409	(31.85)	9	0.00148333	(0.43)	(0.57)
		003878 Total						(31.85)			(0.43)	(0.57)
376100-Mains - Steel	20813133153	003879	McHenry & Main Repl PBS w 890'-2in	F0592	Addition	ISRS Other	201409	(469.08)	9	0.00148333	(6.26)	(8.35)
		003879 Total						(469.08)			(6.26)	(8.35)
376100-Mains - Steel	21261143281	003885	NW 76th Repl PE w 40'-3in CS main	F0636	Addition	ISRS Other	201409	(217.66)	9	0.00148333	(2.91)	(3.87)
		003885 Total						(217.66)			(2.91)	(3.87)
376100-Mains - Steel	20318132937	003887	US Rt50 Repl PBS w 310'-4in PE main	F0604	Addition	ISRS Other	201409	(286.59)	9	0.00148333	(3.83)	(5.10)
		003887 Total						(286.59)			(3.83)	(5.10)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
379000-Meas & Reg Station Ec	20830143409	003893	Repl TB Sta Reg w 2in Mooney	F0600	Addition	Reg Station	201409	(54.00)	9	0.00219167	(1.07)	(1.42)
		003893 Total						(54.00)			(1.07)	(1.42)
376100-Mains - Steel	20201133133	003903	24hwy & Salisbury Repl PBS main 334	F0604	Addition	ISRS Other	201409	(3,880.74)	9	0.00148333	(51.81)	(69.08)
376300-Mains - Plastic	20201133133	003903	24hwy & Salisbury Repl PBS main 334	F0604	Addition	ISRS Other	201409	(865.45)	9	0.00148333	(11.55)	(15.40)
		003903 Total						(4,746.19)			(63.36)	(84.48)
376100-Mains - Steel	20812132959	003904	Farm Rd 170 Fuses Repl 1035'- 4in P	F0598	Addition	ISRS Other	201409	10.59	9	0.00148333	0.14	0.19
		003904 Total						10.59			0.14	0.19
376100-Mains - Steel	20813132958	003905	Pine Repl Fuses w 100'-2in PE	F0598	Addition	ISRS Other	201409	28.45	9	0.00148333	0.38	0.51
		003905 Total						28.45			0.38	0.51
376100-Mains - Steel	20501143427	003906	School Ave Reloc PBS w 235'-4in PE	F0664	Addition	Public Improv	201409	(243.49)	9	0.00148333	(3.25)	(4.33)
		003906 Total						(243.49)			(3.25)	(4.33)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376100-Mains - Steel	20601132986	003910	13th & Buena Vista Reloc 365'-2in P	F0664	Addition	Public Improv	201409	(1,163.68)	9	0.00148333	(15.54)	(20.71)
		003910 Total						(1,163.68)			(15.54)	(20.71)
376100-Mains - Steel	21207133243	003914	205 N Forest Repl PCS w 26'-4IN TF	F0636	Addition	ISRS Other	201409	(23.18)	9	0.00148333	(0.31)	(0.41)
		003914 Total						(23.18)			(0.31)	(0.41)
376100-Mains - Steel	20201133170	003921	Crysler & 35th Repl PBS w 5440'-2in	F0604	Addition	ISRS Other	201409	(2,735.91)	9	0.00148333	(36.52)	(48.70)
376100-Mains - Steel	20201133170	003921	Crysler & 35th Repl PBS w 5440'-2in	F0604	Addition	ISRS Other	201411	(151,959.22)	7	0.00148333	(1,577.84)	(2,704.87)
376300-Mains - Plastic	20201133170	003921	Crysler & 35th Repl PBS w 5440'-2in	F0604	Addition	ISRS Other	201411	151,959.22	7	0.00148333	1,577.84	2,704.87
		003921 Total						(2,735.91)			(36.52)	(48.70)
380200-Services	20401050309	003927	BWO LINE LOCATES-REPL SERVICES ONLY	F0655	Addition	Blanket WO	201410	100.15	8	0.00223333	1.79	2.68
380200-Services	20401050309	003927	BWO LINE LOCATES-REPL SERVICES ONLY	F0655	Addition	Blanket WO	201411	(2.78)	7	0.00223333	(0.04)	(0.07)
380200-Services	20401050309	003927	BWO LINE LOCATES-REPL SERVICES ONLY	F0655	Addition	Blanket WO	201412	(8.64)	6	0.00223333	(0.12)	(0.23)
		003927 Total						88.73			1.63	2.38
380200-Services	20801050360	003929	BWO SERVICE LINE LEAK RESPONSIVE CO	F0520	Addition	Blanket WO	201409	4,610.79	9	0.00223333	92.68	123.57
380200-Services	20801050360	003929	BWO SERVICE LINE LEAK RESPONSIVE CO	F0520	Addition	Blanket WO	201411	(444.19)	7	0.00223333	(6.94)	(11.90)
380200-Services	20801050360	003929	BWO SERVICE LINE LEAK RESPONSIVE CO	F0520	Addition	Blanket WO	201412	28.04	6	0.00223333	0.38	0.75
		003929 Total						4,194.64			86.12	112.42

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
382000 Meter Installations-MG	20801050373	003930	BWO MTR/REG SET REPL CONTRACTOR-SLR	F0652	Addition	Blanket WO	201409	1,343.76	9	0.00203333	24.59	32.79
382000 Meter Installations-MG	20801050373	003930	BWO MTR/REG SET REPL CONTRACTOR-SLR	F0652	Addition	Blanket WO	201410	2,397.15	8	0.00203333	38.99	58.49
382000 Meter Installations-MG	20801050373	003930	BWO MTR/REG SET REPL CONTRACTOR-SLR	F0652	Addition	Blanket WO	201411	(65.48)	7	0.00203333	(0.93)	(1.60)
382000 Meter Installations-MG	20801050373	003930	BWO MTR/REG SET REPL CONTRACTOR-SLR	F0652	Addition	Blanket WO	201412	(207.19)	6	0.00203333	(2.53)	(5.06)
		003930 Total						3,468.24			60.12	84.62
382000 Meter Installations-MG	20901050373	003931	BWO MTR/REG SET REPL CONTRACTOR-SLR	F0535	Addition	Blanket WO	201409	34,137.56	9	0.00203333	624.72	832.96
382000 Meter Installations-MG	20901050373	003931	BWO MTR/REG SET REPL CONTRACTOR-SLR	F0535	Addition	Blanket WO	201410	26,051.41	8	0.00203333	423.77	635.65
382000 Meter Installations-MG	20901050373	003931	BWO MTR/REG SET REPL CONTRACTOR-SLR	F0535	Addition	Blanket WO	201411	12,942.18	7	0.00203333	184.21	315.79
382000 Meter Installations-MG	20901050373	003931	BWO MTR/REG SET REPL CONTRACTOR-SLR	F0535	Addition	Blanket WO	201412	24,376.35	6	0.00203333	297.39	594.78
		003931 Total						97,507.50			1,530.09	2,379.18
380200-Services	20401050361	003932	BWO SERVICES REPL MODIFIED BLOCK CO	F0486	Addition	Blanket WO	201409	103,697.26	9	0.00223333	2,084.31	2,779.08
380200-Services	20401050361	003932	BWO SERVICES REPL MODIFIED BLOCK CO	F0486	Addition	Blanket WO	201410	64,057.60	8	0.00223333	1,144.49	1,716.74
380200-Services	20401050361	003932	BWO SERVICES REPL MODIFIED BLOCK CO	F0486	Addition	Blanket WO	201411	8,450.75	7	0.00223333	132.11	226.48
380200-Services	20401050361	003932	BWO SERVICES REPL MODIFIED BLOCK CO	F0486	Addition	Blanket WO	201412	23,427.60	6	0.00223333	313.93	627.86
		003932 Total						199,633.21			3,674.84	5,350.16
380200-Services	20801050367	003935	BWO MATERIAL SERV LINE REPL COMP	F0637	Addition	Blanket WO	201409	(46.62)	9	0.00223333	(0.94)	(1.25)
		003935 Total						(46.62)			(0.94)	(1.25)
380200-Services	20501050370	003937	BWO SERVICE LINE REPL CONTRACTOR	F0576	Addition	Blanket WO	201409	(620.16)	9	0.00223333	(12.47)	(16.62)
		003937 Total						(620.16)			(12.47)	(16.62)
376100-Mains - Steel	20501132715	003957	Murphy Blvd Repl PBS w 3310'-4in PE	F0572	Addition	ISRS Other	201409	(587.17)	9	0.00148333	(7.84)	(10.45)
		003957 Total						(587.17)			(7.84)	(10.45)
376200-Mains - Cast Iron	20401050325	003969	ENCAPSULATION CAST IRON JOINTS	F0524	Addition	Encapsulation	201409	120,417.26	9	0.00148333	1,607.57	2,143.42
376200-Mains - Cast Iron	20401050325	003969	ENCAPSULATION CAST IRON JOINTS	F0524	Addition	Encapsulation	201410	70,665.90	8	0.00148333	838.57	1,257.85
376200-Mains - Cast Iron	20401050325	003969	ENCAPSULATION CAST IRON JOINTS	F0524	Addition	Encapsulation	201411	63,472.43	7	0.00148333	659.05	1,129.81
376200-Mains - Cast Iron	20401050325	003969	ENCAPSULATION CAST IRON JOINTS	F0524	Addition	Encapsulation	201412	30,904.42	6	0.00148333	275.05	550.10
		003969 Total						285,460.01			3,380.24	5,081.18
380200-Services	20501050372	003972	BWO SERVICE LINE REPL BLOCK CONTRAC	F0624	Addition	Blanket WO	201409	6,250.26	9	0.00223333	125.63	167.51
380200-Services	20501050372	003972	BWO SERVICE LINE REPL BLOCK CONTRAC	F0624	Addition	Blanket WO	201411	(864.28)	7	0.00223333	(13.51)	(23.16)
380200-Services	20501050372	003972	BWO SERVICE LINE REPL BLOCK CONTRAC	F0624	Addition	Blanket WO	201412	18.05	6	0.00223333	0.24	0.48
		003972 Total						5,404.03			112.36	144.83
382000 Meter Installations-MG	20401050373	003974	BWO MTR/REG SET REPL CONTRACTOR SLR	F0543	Addition	Blanket WO	201409	34,733.84	9	0.00203333	635.63	847.51
382000 Meter Installations-MG	20401050373	003974	BWO MTR/REG SET REPL CONTRACTOR SLR	F0543	Addition	Blanket WO	201410	8,169.02	8	0.00203333	132.88	199.32
382000 Meter Installations-MG	20401050373	003974	BWO MTR/REG SET REPL CONTRACTOR SLR	F0543	Addition	Blanket WO	201411	7,279.43	7	0.00203333	103.61	177.62

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
382000 Meter Installations-MG	20401050373	003974	BWO MTR/REG SET REPL CONTRACTOR SLR	F0543	Addition	Blanket WO	201412	23,241.21	6	0.00203333	283.54	567.09
		003974 Total						73,423.50			1,155.66	1,791.54
380200-Services	20501050361	003975	BWO SERVICE LINE REPL MODIFIED BLOC	F0494	Addition	Blanket WO	201409	16,732.50	9	0.00223333	336.32	448.43
380200-Services	20501050361	003975	BWO SERVICE LINE REPL MODIFIED BLOC	F0494	Addition	Blanket WO	201410	955.76	8	0.00223333	17.08	25.61
380200-Services	20501050361	003975	BWO SERVICE LINE REPL MODIFIED BLOC	F0494	Addition	Blanket WO	201411	(783.88)	7	0.00223333	(12.25)	(21.01)
380200-Services	20501050361	003975	BWO SERVICE LINE REPL MODIFIED BLOC	F0494	Addition	Blanket WO	201412	148.91	6	0.00223333	2.00	3.99
		003975 Total						17,053.29			343.15	457.02
380200-Services	20901050361	003976	BWO SERVICE LINE REPL MODIFIED BLOC	F0515	Addition	Blanket WO	201409	46,346.59	9	0.00223333	931.57	1,242.09
380200-Services	20901050361	003976	BWO SERVICE LINE REPL MODIFIED BLOC	F0515	Addition	Blanket WO	201410	7,523.71	8	0.00223333	134.42	201.64
380200-Services	20901050361	003976	BWO SERVICE LINE REPL MODIFIED BLOC	F0515	Addition	Blanket WO	201411	(3,450.23)	7	0.00223333	(53.94)	(92.47)
380200-Services	20901050361	003976	BWO SERVICE LINE REPL MODIFIED BLOC	F0515	Addition	Blanket WO	201412	4,761.86	6	0.00223333	63.81	127.62
		003976 Total						55,181.93			1,075.86	1,478.88
382000 Meter Installations-MG	20801050363	003980	BWO SLRP MTR/REG REPL COMPANY	F0666	Addition	Blanket WO	201409	(4.02)	9	0.00203333	(0.07)	(0.10)
		003980 Total						(4.02)			(0.07)	(0.10)
376100-Mains - Steel	20401132526	003988	Carondolet & Stateline Reloc 50'-2i	F0547	Addition	Public Improv	201409	34.52	9	0.00148333	0.46	0.61
		003988 Total						34.52			0.46	0.61
376100-Mains - Steel	20301132519	003991	Ming St Repl PBS w 245'-2;1500'-4in	F0604	Addition	ISRS Other	201409	16.51	9	0.00148333	0.22	0.29
		003991 Total						16.51			0.22	0.29
378000-Meas & Reg Station Ec	20910121696	003998	Olive St Rebuild DRS 13	F0600	Addition	Reg Station	201409	5.08	9	0.00238333	0.11	0.15
		003998 Total						5.08			0.11	0.15
376101-MGE-Mains Steel-Tran	20401132311	004000	Bannister 20inch Hydro Testing	F0502	Addition	ISRS Other	201409	(9,517.91)	9	0.00148333	(127.06)	(169.42)
		004000 Total						(9,517.91)			(127.06)	(169.42)
376100-Mains - Steel	20909117602	004005	Lexington St Repl PBS w 1460'-4&70'	F0604	Addition	ISRS Other	201409	(0.82)	9	0.00148333	(0.01)	(0.01)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376100-Mains - Steel	20909132791	004005	Lexington St Repl PBS w 1460'-4&70'	F0604	Addition	ISRS Other	201409	(735.35)	9	0.00148333	(9.82)	(13.09)
		004005 Total						(736.17)			(9.83)	(13.10)
376100-Mains - Steel	20401132805	004007	38th & State Line Repl CI w 70'-4in	F0599	Addition	ISRS Other	201409	(226.18)	9	0.00148333	(3.02)	(4.03)
		004007 Total						(226.18)			(3.02)	(4.03)
376100-Mains - Steel	20201132785	004024	Phelps Rd Repl I/O Drs 159 w 4in CS	F0672	Addition	ISRS Other	201409	(257.27)	9	0.00148333	(3.43)	(4.58)
		004024 Total						(257.27)			(3.43)	(4.58)
376100-Mains - Steel	20201132786	004025	44th & Phelps Repl I/O DRS 105 w 6i	F0672	Addition	ISRS Other	201409	(264.56)	9	0.00148333	(3.53)	(4.71)
		004025 Total						(264.56)			(3.53)	(4.71)
376100-Mains - Steel	20902132933	004027	Northern Blvd Repl PBS w 280'-2in P	F0604	Addition	ISRS Other	201409	(405.55)	9	0.00148333	(5.41)	(7.22)
		004027 Total						(405.55)			(5.41)	(7.22)
376100-Mains - Steel	20901132945	004028	Country Ln Reloc 30'-2in PE main	F0578	Addition	Public Improv	201409	3.00	9	0.00148333	0.04	0.05
		004028 Total						3.00			0.04	0.05
376100-Mains - Steel	20322133096	004031	806 S Main Repl PBS w 260'-2in PE m	F0604	Addition	ISRS Other	201409	0.82	9	0.00148333	0.01	0.01
		004031 Total						0.82			0.01	0.01
376100-Mains - Steel	21001143357	004034	35th & Jackson Repl PBS w 680-4in P	F0504	Addition	ISRS Other	201409	(319.74)	9	0.00148333	(4.27)	(5.69)
376100-Mains - Steel	21001143357	004034	35th & Jackson Repl PBS w 680-4in P	F0504	Addition	ISRS Other	201410	(30,089.42)	8	0.00148333	(357.06)	(535.59)
376300-Mains - Plastic	21001143357	004034	35th & Jackson Repl PBS w 680-4in P	F0504	Addition	ISRS Other	201410	30,089.42	8	0.00148333	357.06	535.59
		004034 Total						(319.74)			(4.27)	(5.69)
376100-Mains - Steel	20401143311	004036	107 Ter & Hillcrest Reloc PBS w450'	F0547	Addition	Public Improv	201409	(955.41)	9	0.00148333	(12.75)	(17.01)
376300-Mains - Plastic	20401143311	004036	107 Ter & Hillcrest Reloc PBS w450'	F0547	Addition	Public Improv	201409	(211.86)	9	0.00148333	(2.83)	(3.77)
		004036 Total						(1,167.27)			(15.58)	(20.78)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376100-Mains - Steel	20940143315	004037	Allendale Lake rd Reloc 15'-4in pe	F0578	Addition	Public Improv	201409	(53.52)	9	0.00148333	(0.71)	(0.95)
376100-Mains - Steel	20940143315	004037	Allendale Lake rd Reloc 15'-4in pe	F0578	Addition	Public Improv	201412	(1,972.63)	6	0.00148333	(17.56)	(35.11)
376300-Mains - Plastic	20940143315	004037	Allendale Lake rd Reloc 15'-4in pe	F0578	Addition	Public Improv	201412	1,972.63	6	0.00148333	17.56	35.11
		004037 Total						(53.52)			(0.71)	(0.95)
376100-Mains - Steel	20401133116	004038	135th Reloc PCS/pe w 167'-6in;2884'	F0547	Addition	Public Improv	201409	(3,433.06)	9	0.00148333	(45.83)	(61.11)
		004038 Total						(3,433.06)			(45.83)	(61.11)
376300-Mains - Plastic	20601133126	004040	Hazel & Airport Repl PBS w 2620'-8;	F0544	Addition	ISRS Other	201410	258,234.64	8	0.00148333	3,064.38	4,596.57
		004040 Total						258,234.64			3,064.38	4,596.57
376100-Mains - Steel	20401133219	004041	109th Terr Repl Copper w 25'-2in TF	F0613	Addition	ISRS Other	201409	(258.58)	9	0.00148333	(3.45)	(4.60)
		004041 Total						(258.58)			(3.45)	(4.60)
376100-Mains - Steel	20201132794	004042	24 Hwy & Lynn Repl PBS w 1165'-2in	F0604	Addition	ISRS Other	201409	(309.68)	9	0.00148333	(4.13)	(5.51)
		004042 Total						(309.68)			(4.13)	(5.51)
376100-Mains - Steel	20513133102	004044	Main & Hillcrest Repl PCS w 180'-2i	F0575	Addition	ISRS Other	201409	(79.17)	9	0.00148333	(1.06)	(1.41)
		004044 Total						(79.17)			(1.06)	(1.41)
376100-Mains - Steel	20401133168	004056	23rd & Topping Repl CU/BS w 645'-2;	F0613	Addition	ISRS Other	201409	(1,027.91)	9	0.00148333	(13.72)	(18.30)
		004056 Total						(1,027.91)			(13.72)	(18.30)
376100-Mains - Steel	20401133185	004062	AOR 4505 Agnes Repl CI w 35'-4in PE	F0599	Addition	ISRS Other	201409	(683.05)	9	0.00148333	(9.12)	(12.16)
		004062 Total						(683.05)			(9.12)	(12.16)
376100-Mains - Steel	20501133125	004064	Repl I/O Piping DRS 0182C	F0572	Addition	ISRS Other	201412	48,840.31	6	0.00148333	434.68	869.36
		004064 Total						48,840.31			434.68	869.36

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	20901143388	004070	Pacific Reloc 60'-4in PE	F0578	Addition	Public Improv	201409	(52.25)	9	0.00148333	(0.70)	(0.93)
376300-Mains - Plastic	20901143388	004070	Pacific Reloc 60'-4in PE	F0578	Addition	Public Improv	201411	-	7	0.00148333	-	-
		004070 Total						(52.25)			(0.70)	(0.93)
376300-Mains - Plastic	21001143358	004071	Hill Pine Repl PBS w 288'-2in PE ma	F0504	Addition	ISRS Other	201409	(195.22)	9	0.00148333	(2.61)	(3.47)
376300-Mains - Plastic	21001143358	004071	Hill Pine Repl PBS w 288'-2in PE ma	F0504	Addition	ISRS Other	201410	-	8	0.00148333	-	-
		004071 Total						(195.22)			(2.61)	(3.47)
376300-Mains - Plastic	20501133207	004081	15th & Indiana Repl PBS/PCS w 590'-	F0572	Addition	ISRS Other	201411	40,780.90	7	0.00148333	423.44	725.90
376300-Mains - Plastic	20501133207	004081	15th & Indiana Repl PBS/PCS w 590'-	F0572	Addition	ISRS Other	201412	(104.47)	6	0.00148333	(0.93)	(1.86)
		004081 Total						40,676.43			422.51	724.04
376100-Mains - Steel	20810133054	004082	Necessity repl 5ft 2in Plastic Main	F0598	Addition	ISRS Other	201409	5.02	9	0.00148333	0.07	0.09
		004082 Total						5.02			0.07	0.09
376100-Mains - Steel	20401133187	004093	AOR 4937-43 S Benton Repl CI w 140'	F0599	Addition	ISRS Other	201409	(417.76)	9	0.00148333	(5.58)	(7.44)
		004093 Total						(417.76)			(5.58)	(7.44)
376100-Mains - Steel	20401133037	004096	AOR 2904 E 69th Repl CI w 30'-6in P	F0599	Addition	ISRS Other	201409	(427.59)	9	0.00148333	(5.71)	(7.61)
		004096 Total						(427.59)			(5.71)	(7.61)
376100-Mains - Steel	20201133048	004097	Kentucky Rectifier & GroundBed I-03	F0503	Addition	ISRS Other	201409	(370.12)	9	0.00148333	(4.94)	(6.59)
		004097 Total						(370.12)			(4.94)	(6.59)
376300-Mains - Plastic	20806133205	004100	Alley at Hickory Repl PBS w 190'-2i	F0592	Addition	ISRS Other	201409	(118.82)	9	0.00148333	(1.59)	(2.11)
		004100 Total						(118.82)			(1.59)	(2.11)
376100-Mains - Steel	21271143343	004102	119th Ter & N College Repl 200'-2in	F0636	Addition	ISRS Other	201409	5.61	9	0.00148333	0.07	0.10

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
		004102 Total						5.61			0.07	0.10
376300-Mains - Plastic	21001143318	004103	Lookout & Yale Repl PBS w 414'- 4in	F0504	Addition	ISRS Other	201409	(149.48)	9	0.00148333	(2.00)	(2.66)
		004103 Total						(149.48)			(2.00)	(2.66)
376100-Mains - Steel	20909132835	004113	Oakland St Repl PBS w 1905'-2in PE	F0604	Addition	ISRS Other	201409	(2,164.78)	9	0.00148333	(28.90)	(38.53)
		004113 Total						(2,164.78)			(28.90)	(38.53)
376100-Mains - Steel	20201132625	004114	291 Hwy & Truman I/O Piping DRS 122	F0604	Addition	ISRS Other	201409	(1,152.29)	9	0.00148333	(15.38)	(20.51)
		004114 Total						(1,152.29)			(15.38)	(20.51)
379000-Meas & Reg Station Eq	21235132901	004119	Pur Odorant Storage Tank-REX TB Sta	F0600	Addition	Reg Station	201409	(787.04)	9	0.00219167	(15.52)	(20.70)
		004119 Total						(787.04)			(15.52)	(20.70)
376100-Mains - Steel	20501132979	004121	11th & Highview Reloc PBS w 510'-6i	F0664	Addition	Public Improv	201409	(1,802.78)	9	0.00148333	(24.07)	(32.09)
		004121 Total						(1,802.78)			(24.07)	(32.09)
376100-Mains - Steel	21204133050	004126	Glenaire Rectifier/Ground Bed Repl	F0503	Addition	ISRS Other	201409	478.42	9	0.00148333	6.39	8.52
376100-Mains - Steel	21204133050	004126	Glenaire Rectifier/Ground Bed Repl	F0503	Addition	ISRS Other	201410	940.85	8	0.00148333	11.16	16.75

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376100-Mains - Steel	21204133050	004126	Glenaire Rectifier/Ground Bed Repl	F0503	Addition	ISRS Other	201411	1,085.29	7	0.00148333	11.27	19.32
376100-Mains - Steel	21204133050	004126	Glenaire Rectifier/Ground Bed Repl	F0503	Addition	ISRS Other	201412	5.46	6	0.00148333	0.05	0.10
		004126 Total						2,510.02			28.87	44.69
376100-Mains - Steel	21207132931	004128	817 W Hurt Repl PCS w 12'-2in TF St	F0636	Addition	ISRS Other	201409	8.58	9	0.00148333	0.11	0.15
		004128 Total						8.58			0.11	0.15
376100-Mains - Steel	20201132807	004132	Osage & Gudgell Repl PBS w 1855'-2i	F0604	Addition	ISRS Other	201409	(1,349.00)	9	0.00148333	(18.01)	(24.01)
		004132 Total						(1,349.00)			(18.01)	(24.01)
378000-Meas & Reg Station Eq	20401133040	004133	Rebuild DRS 356 New DRS #757	F0600	Addition	Reg Station	201409	(2,239.55)	9	0.00238333	(48.04)	(64.05)
		004133 Total						(2,239.55)			(48.04)	(64.05)
376300-Mains - Plastic	20812143354	004134	Main & Elm Reloc PBS w 1895'-4in PE	F0545	Addition	Public Improv	201409	(2,592.57)	9	0.00148333	(34.61)	(46.15)
376300-Mains - Plastic	20812143354	004134	Main & Elm Reloc PBS w 1895'-4in PE	F0545	Addition	Public Improv	201410	2,800.39	8	0.00148333	33.23	49.85
376300-Mains - Plastic	20812143354	004134	Main & Elm Reloc PBS w 1895'-4in PE	F0545	Addition	Public Improv	201411	(76.47)	7	0.00148333	(0.79)	(1.36)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

<u>Utility Account</u>	<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Work Order Description</u>	<u>Funding Proj. No.</u>	<u>FERC Activity</u>	<u>Category</u>	<u>Month</u>	<u>Addition Amount</u>	<u>Months</u>	<u>Depr Mo. Rate</u>	<u>Accum. Depr</u>	<u>Depr Expense</u>
376300-Mains - Plastic	20812143354	004134	Main & Elm Reloc PBS w 1895'-4in PE	F0545	Addition	Public Improv	201412	(242.08)	6	0.00148333	(2.15)	(4.31)
		004134 Total						(110.73)			(4.32)	(1.97)
376100-Mains - Steel	20401132872	004135	113th Ter & Jackson Repl PBS w 10'-	F0613	Addition	ISRS Other	201409	25.47	9	0.00148333	0.34	0.45
		004135 Total						25.47			0.34	0.45
376100-Mains - Steel	20401132947	004141	Lees Summit Rd 20in Reloc Proj	F0623	Addition	Public Improv	201411	3,575,265.61	7	0.00148333	37,123.09	63,639.58
376100-Mains - Steel	20401132947	004141	Lees Summit Rd 20in Reloc Proj -Reimb Amt	F0623	Addition	Public Improv	201411	(1,179,275.00)	7	0.00148333	(12,244.78)	(20,991.05)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376100-Mains - Steel	20401132947	004141	Lees Summit Rd 20in Reloc Proj	F0623	Addition	Public Improv	201412	11,025.12	6	0.00148333	98.12	196.25
		004141 Total						2,407,015.73			24,976.43	42,844.78
380200-Services	20901050372	004146	BWO SERVICE LINE REPL BLOCK CONTRAC	F0650	Addition	Blanket WO	201409	47,214.32	9	0.00223333	949.01	1,265.34
380200-Services	20901050372	004146	BWO SERVICE LINE REPL BLOCK CONTRAC	F0650	Addition	Blanket WO	201410	13,638.55	8	0.00223333	243.68	365.51
380200-Services	20901050372	004146	BWO SERVICE LINE REPL BLOCK CONTRAC	F0650	Addition	Blanket WO	201411	(288.35)	7	0.00223333	(4.51)	(7.73)
380200-Services	20901050372	004146	BWO SERVICE LINE REPL BLOCK CONTRAC	F0650	Addition	Blanket WO	201412	2,148.71	6	0.00223333	28.79	57.59
		004146 Total						62,713.23			1,216.97	1,680.71
380200-Services	20501050377	004148	BWO MATERIAL SERV LINE REPL CONT	F0517	Addition	Blanket WO	201409	23,482.38	9	0.00223333	472.00	629.33
380200-Services	20501050377	004148	BWO MATERIAL SERV LINE REPL CONT	F0517	Addition	Blanket WO	201410	18,639.88	8	0.00223333	333.03	499.55
380200-Services	20501050377	004148	BWO MATERIAL SERV LINE REPL CONT	F0517	Addition	Blanket WO	201411	(119.93)	7	0.00223333	(1.87)	(3.21)
380200-Services	20501050377	004148	BWO MATERIAL SERV LINE REPL CONT	F0517	Addition	Blanket WO	201412	1,572.18	6	0.00223333	21.07	42.13
		004148 Total						43,574.51			824.23	1,167.80
380200-Services	20401050370	004150	BWO SERVICE LINE REPL CONTRACTOR SL	F0559	Addition	Blanket WO	201409	51,541.52	9	0.00223333	1,035.98	1,381.31
380200-Services	20401050370	004150	BWO SERVICE LINE REPL CONTRACTOR SL	F0559	Addition	Blanket WO	201410	44,071.92	8	0.00223333	787.42	1,181.13
380200-Services	20401050370	004150	BWO SERVICE LINE REPL CONTRACTOR SL	F0559	Addition	Blanket WO	201411	8,632.84	7	0.00223333	134.96	231.36
380200-Services	20401050370	004150	BWO SERVICE LINE REPL CONTRACTOR SL	F0559	Addition	Blanket WO	201412	(3,419.01)	6	0.00223333	(45.81)	(91.63)
		004150 Total						100,827.27			1,912.55	2,702.17
380200-Services	20401050301	004152	BWO-REPLACE SERVICE	F0608	Addition	Blanket WO	201409	103,600.86	9	0.00223333	2,082.37	2,776.50
380200-Services	20401050301	004152	BWO-REPLACE SERVICE	F0608	Addition	Blanket WO	201410	183,813.51	8	0.00223333	3,284.13	4,926.19
380200-Services	20401050301	004152	BWO-REPLACE SERVICE	F0608	Addition	Blanket WO	201411	112,142.79	7	0.00223333	1,753.16	3,005.42
380200-Services	20401050301	004152	BWO-REPLACE SERVICE	F0608	Addition	Blanket WO	201412	155,294.04	6	0.00223333	2,080.94	4,161.87
		004152 Total						554,851.20			9,200.60	14,869.98
380200-Services	20901050301	004153	BWO-REPLACE SERVICE	F0513	Addition	Blanket WO	201409	42,682.33	9	0.00223333	857.91	1,143.88

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
380200-Services	20901050301	004153	BWO-REPLACE SERVICE	F0513	Addition	Blanket WO	201410	30,625.17	8	0.00223333	547.17	820.75
380200-Services	20901050301	004153	BWO-REPLACE SERVICE	F0513	Addition	Blanket WO	201411	8,594.43	7	0.00223333	134.36	230.33
380200-Services	20901050301	004153	BWO-REPLACE SERVICE	F0513	Addition	Blanket WO	201412	24,453.55	6	0.00223333	327.68	655.35
		004153 Total						106,355.48			1,867.12	2,850.31
376100-Mains - Steel	20501121966	004161	26th & Schifferdecker Reloc Main Wi	F0546	Addition	Public Improv	201409	(762.66)	9	0.00148333	(10.18)	(13.58)
376100-Mains - Steel	20501121966	004161	26th & Schifferdecker Reloc Main Wi	F0546	Addition	Public Improv	201410	3,963.65	8	0.00148333	47.04	70.55
376100-Mains - Steel	20501121966	004161	26th & Schifferdecker Reloc Main Wi	F0546	Addition	Public Improv	201411	5,763.59	7	0.00148333	59.85	102.59
376100-Mains - Steel	20501121966	004161	26th & Schifferdecker Reloc Main Wi	F0546	Addition	Public Improv	201412	(583.21)	6	0.00148333	(5.19)	(10.38)
		004161 Total						8,381.37			91.52	149.18
376100-Mains - Steel	20812132325	004162	Mill & Cliborne Repl PBS w 165'-2in	F0634	Addition	ISRS Other	201409	(5.66)	9	0.00148333	(0.08)	(0.10)
		004162 Total						(5.66)			(0.08)	(0.10)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376100-Mains - Steel	20201132737	004169	25th & Claremont Reloc PBSw100'-2TF	F0578	Addition	Public Improv	201409	(13.72)	9	0.00148333	(0.18)	(0.24)
		004169 Total						(13.72)			(0.18)	(0.24)
378000-Meas & Reg Station Eq	20401132456	004174	Leslie Ave Rebuild DRS 308	F0600	Addition	Reg Station	201409	(304.64)	9	0.00238333	(6.53)	(8.71)
		004174 Total						(304.64)			(6.53)	(8.71)
376100-Mains - Steel	20503132433	004177	Poplar & Tenn Repl PBS w 585'-2in P	F0544	Addition	ISRS Other	201409	(346.31)	9	0.00148333	(4.62)	(6.16)
		004177 Total						(346.31)			(4.62)	(6.16)
376100-Mains - Steel	20501121593	004179	50th & Indiana Reloc 5962'-4in PE m	F0664	Addition	Public Improv	201409	(191.38)	9	0.00148333	(2.55)	(3.41)
		004179 Total						(191.38)			(2.55)	(3.41)
376300-Mains - Plastic	20908121857	004182	Polk & Butler Ter Repl PBS w 500'-2	F0604	Addition	ISRS Other	201409	(363.84)	9	0.00148333	(4.86)	(6.48)
		004182 Total						(363.84)			(4.86)	(6.48)
376100-Mains - Steel	20307132741	004195	Orange St Reloc CS w 114'-6in TF St	F0578	Addition	Public Improv	201409	(174.39)	9	0.00148333	(2.33)	(3.10)
		004195 Total						(174.39)			(2.33)	(3.10)
376300-Mains - Plastic	20401133189	004197	AOR 5345 Swope Prky Repl CI w 1090'	F0599	Addition	ISRS Other	201409	679.20	9	0.00148333	9.07	12.09
		004197 Total						679.20			9.07	12.09
376300-Mains - Plastic	20812143289	004198	Elm & Eagon Repl PBS w 1295'-4;505'	F0592	Addition	ISRS Other	201409	(1,167.31)	9	0.00148333	(15.58)	(20.78)
376300-Mains - Plastic	20812143289	004198	Elm & Eagon Repl PBS w 1295'-4;505'	F0592	Addition	ISRS Other	201410	129.69	8	0.00148333	1.54	2.31
376300-Mains - Plastic	20812143289	004198	Elm & Eagon Repl PBS w 1295'-4;505'	F0592	Addition	ISRS Other	201411	(3.53)	7	0.00148333	(0.04)	(0.06)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

<u>Utility Account</u>	<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Work Order Description</u>	<u>Funding Proj. No.</u>	<u>FERC Activity</u>	<u>Category</u>	<u>Month</u>	<u>Addition Amount</u>	<u>Months</u>	<u>Depr Mo. Rate</u>	<u>Accum. Depr</u>	<u>Depr Expense</u>
376300-Mains - Plastic	20812143289	004198	Elm & Eagon Repl PBS w 1295'-4;505'	F0592	Addition	ISRS Other	201412	(11.23)	6	0.00148333	(0.10)	(0.20)
		004198 Total						(1,052.38)			(14.18)	(18.73)
376100-Mains - Steel	20932132895	004199	155th St Extension to Facilitate H	F0502	Addition	ISRS Other	201409	(418.81)	9	0.00148333	(5.59)	(7.45)
		004199 Total						(418.81)			(5.59)	(7.45)
376100-Mains - Steel	20901133057	004204	Oak Tree & Adams Reloc 2in PE	F0578	Addition	Public Improv	201409	1.99	9	0.00148333	0.03	0.04
		004204 Total						1.99			0.03	0.04
376100-Mains - Steel	20813133154	004207	Purdy & Pine Repl PBS w 315'-2in PE	F0592	Addition	ISRS Other	201409	(61.26)	9	0.00148333	(0.82)	(1.09)
		004207 Total						(61.26)			(0.82)	(1.09)
376100-Mains - Steel	20201132787	004213	45th & Phelps Repl DRS 188 I/O w 4i	F0672	Addition	ISRS Other	201409	(175.94)	9	0.00148333	(2.35)	(3.13)
		004213 Total						(175.94)			(2.35)	(3.13)
376300-Mains - Plastic	20501143300	004214	4th & Rangeline Repl PBS w 200'-2in	F0544	Addition	ISRS Other	201409	(94.86)	9	0.00148333	(1.27)	(1.69)
		004214 Total						(94.86)			(1.27)	(1.69)
376100-Mains - Steel	20401132928	004216	4821 Chelsea Repl CS w 62'-2in PE m	F0665	Addition	ISRS Other	201409	8.21	9	0.00148333	0.11	0.15
		004216 Total						8.21			0.11	0.15
376300-Mains - Plastic	20401133129	004221	63rd Repl CI Main w 16078'-PE main	F0599	Addition	ISRS Other	201409	(15,549.44)	9	0.00148333	(207.58)	(276.78)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	20401133129	004221	63rd Repl CI Main w 16078'-PE main	F0599	Addition	ISRS Other	201410	-	8	0.00148333	-	-
		004221 Total						(15,549.44)			(207.58)	(276.78)
376300-Mains - Plastic	20312143312	004233	Virginia & 2nd St Repl PBS/PCS w 60	F0604	Addition	ISRS Other	201409	(148.77)	9	0.00148333	(1.99)	(2.65)
		004233 Total						(148.77)			(1.99)	(2.65)
376100-Mains - Steel	20501132764	004240	7th & Illinois Repl PCS w 590'-4in	F0575	Addition	ISRS Other	201409	(625.21)	9	0.00148333	(8.35)	(11.13)
		004240 Total						(625.21)			(8.35)	(11.13)
376100-Mains - Steel	20401133173	004241	92nd & Tenn REPL PBS w 12'-2in TF S	F0663	Addition	ISRS Other	201409	(5.20)	9	0.00148333	(0.07)	(0.09)
		004241 Total						(5.20)			(0.07)	(0.09)
376300-Mains - Plastic	20201143426	004248	24 Hwy & Allen Repl PBS w 120'-4in	F0604	Addition	ISRS Other	201409	(184.89)	9	0.00148333	(2.47)	(3.29)
376300-Mains - Plastic	20201143426	004248	24 Hwy & Allen Repl PBS w 120'-4in	F0604	Addition	ISRS Other	201410	1,085.60	8	0.00148333	12.88	19.32
376300-Mains - Plastic	20201143426	004248	24 Hwy & Allen Repl PBS w 120'-4in	F0604	Addition	ISRS Other	201411	(29.65)	7	0.00148333	(0.31)	(0.53)
376300-Mains - Plastic	20201143426	004248	24 Hwy & Allen Repl PBS w 120'-4in	F0604	Addition	ISRS Other	201412	(93.80)	6	0.00148333	(0.83)	(1.67)
		004248 Total						777.26			9.27	13.83
376100-Mains - Steel	20401133238	004255	12th & Denver Repl Copper w 70'-2in	F0613	Addition	ISRS Other	201409	(591.12)	9	0.00148333	(7.89)	(10.52)
		004255 Total						(591.12)			(7.89)	(10.52)
376300-Mains - Plastic	20401132897	004257	27th & Park Repl CI w 620'-4in PE m	F0500	Addition	ISRS Other	201409	(771.19)	9	0.00148333	(10.30)	(13.73)
		004257 Total						(771.19)			(10.30)	(13.73)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
380200-Services	21207132922	004259	HOLLAND 1916 INC-REPL-4IN SERVLIN	F0587	Addition	SLRP	201409	(442.33)	9	0.00223333	(8.89)	(11.85)
		004259 Total						(442.33)			(8.89)	(11.85)
376300-Mains - Plastic	20904143298	004262	So Haven Rd Reloc PBS w 1365'-4;255	F0549	Addition	Public Improv	201409	(992.83)	9	0.00148333	(13.25)	(17.67)
		004262 Total						(992.83)			(13.25)	(17.67)
376100-Mains - Steel	20301132993	004265	South Town Border DRS45	F0580	Addition	ISRS Other	201409	(48.87)	9	0.00148333	(0.65)	(0.87)
		004265 Total						(48.87)			(0.65)	(0.87)
376100-Mains - Steel	21215143294	004266	19th & Meadow Ln RELOC 165'- 4IN PC	F0547	Addition	Public Improv	201409	(659.04)	9	0.00148333	(8.80)	(11.73)
376100-Mains - Steel	21215143294	004266	19th & Meadow Ln RELOC 165'- 4IN PC	F0547	Addition	Public Improv	201410	-	8	0.00148333	-	-
		004266 Total						(659.04)			(8.80)	(11.73)
376100-Mains - Steel	21258143346	004267	4800 NW Homestead Repl 4'-2IN PE	F0665	Addition	ISRS Other	201409	(15.86)	9	0.00148333	(0.21)	(0.28)
		004267 Total						(15.86)			(0.21)	(0.28)
376100-Mains - Steel	20401133039	004271	AOR 2552 Chelsea Repl CI with 40'-6	F0599	Addition	ISRS Other	201409	(482.88)	9	0.00148333	(6.45)	(8.60)
376100-Mains - Steel	20401133039	004271	AOR 2552 Chelsea Repl CI with 40'-6	F0599	Addition	ISRS Other	201410	307.39	8	0.00148333	3.65	5.47
376100-Mains - Steel	20401133039	004271	AOR 2552 Chelsea Repl CI with 40'-6	F0599	Addition	ISRS Other	201411	(143.49)	7	0.00148333	(1.49)	(2.55)
376100-Mains - Steel	20401133039	004271	AOR 2552 Chelsea Repl CI with 40'-6	F0599	Addition	ISRS Other	201412	(12.75)	6	0.00148333	(0.11)	(0.23)
		004271 Total						(331.73)			(4.40)	(5.91)
376100-Mains - Steel	21001133047	004272	Riverview Rectifier 661 Relocation	F0503	Addition	ISRS Other	201409	(297.13)	9	0.00148333	(3.97)	(5.29)
		004272 Total						(297.13)			(3.97)	(5.29)
376100-Mains - Steel	20401133188	004275	AOR Norton & 52nd St Repl CI w 40'-	F0599	Addition	ISRS Other	201409	(374.06)	9	0.00148333	(4.99)	(6.66)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
		004275 Total						(374.06)			(4.99)	(6.66)
380200-Services	20401050377	004279	BWO SERVICE LINE MATERIAL CONTRACTO	F0586	Addition	Blanket WO	201409	(2,416.55)	9	0.00223333	(48.57)	(64.76)
380200-Services	20401050377	004279	BWO SERVICE LINE MATERIAL CONTRACTO	F0586	Addition	Blanket WO	201411	2,182.83	7	0.00223333	34.12	58.50
380200-Services	20401050377	004279	BWO SERVICE LINE MATERIAL CONTRACTO	F0586	Addition	Blanket WO	201412	(341.38)	6	0.00223333	(4.57)	(9.15)
		004279 Total						(575.10)			(19.02)	(15.41)
382000 Meter Installations-MG	20401050363	004282	BWO REPL MTR/REG SETTING COMPANY SL	F0583	Addition	Blanket WO	201409	14,022.68	9	0.00203333	256.62	342.15
382000 Meter Installations-MG	20401050363	004282	BWO REPL MTR/REG SETTING COMPANY SL	F0583	Addition	Blanket WO	201410	18,008.71	8	0.00203333	292.94	439.41
382000 Meter Installations-MG	20401050363	004282	BWO REPL MTR/REG SETTING COMPANY SL	F0583	Addition	Blanket WO	201411	13,521.65	7	0.00203333	192.46	329.93
382000 Meter Installations-MG	20401050363	004282	BWO REPL MTR/REG SETTING COMPANY SL	F0583	Addition	Blanket WO	201412	11,008.76	6	0.00203333	134.31	268.61
		004282 Total						56,561.80			876.33	1,380.10
376100-Mains - Steel	20910132654	004285	2nd & St ChralesRepl PBS w 75'-2in	F0604	Addition	ISRS Other	201409	(24.13)	9	0.00148333	(0.32)	(0.43)
		004285 Total						(24.13)			(0.32)	(0.43)
380200-Services	20901050377	004287	BWO MATERIAL SERV LINE REPL CONT	F0607	Addition	Blanket WO	201409	55,968.13	9	0.00223333	1,124.96	1,499.94
380200-Services	20901050377	004287	BWO MATERIAL SERV LINE REPL CONT	F0607	Addition	Blanket WO	201410	86,678.53	8	0.00223333	1,548.65	2,322.98
380200-Services	20901050377	004287	BWO MATERIAL SERV LINE REPL CONT	F0607	Addition	Blanket WO	201411	467.00	7	0.00223333	7.30	12.52
380200-Services	20901050377	004287	BWO MATERIAL SERV LINE REPL CONT	F0607	Addition	Blanket WO	201412	44,688.62	6	0.00223333	598.83	1,197.65
		004287 Total						187,802.28			3,279.74	5,033.09
380200-Services	20501050301	004288	BWO-REPLACE SERVICE	F0541	Addition	Blanket WO	201409	26,046.38	9	0.00223333	523.53	698.04
380200-Services	20501050301	004288	BWO-REPLACE SERVICE	F0541	Addition	Blanket WO	201410	41,073.32	8	0.00223333	733.84	1,100.76
380200-Services	20501050301	004288	BWO-REPLACE SERVICE	F0541	Addition	Blanket WO	201411	14,235.91	7	0.00223333	222.55	381.52
380200-Services	20501050301	004288	BWO-REPLACE SERVICE	F0541	Addition	Blanket WO	201412	(1,460.39)	6	0.00223333	(19.57)	(39.14)
		004288 Total						79,895.22			1,460.35	2,141.18
376100-Mains - Steel	20401121683	004298	27th & Troost Reloc CI w 2198'-6in	F0547	Addition	Public Improv	201409	(28.62)	9	0.00148333	(0.38)	(0.51)
		004298 Total						(28.62)			(0.38)	(0.51)
376100-Mains - Steel	20201132463	004301	39th St Bridge Reloc 1545'-6in PE	F0578	Addition	Public Improv	201409	(27.17)	9	0.00148333	(0.36)	(0.48)
		004301 Total						(27.17)			(0.36)	(0.48)
376100-Mains - Steel	20401132458	004311	Leslie Ave DRS 308 I/O Piping	F0580	Addition	ISRS Other	201409	(147.01)	9	0.00148333	(1.96)	(2.62)
		004311 Total						(147.01)			(1.96)	(2.62)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376100-Mains - Steel	20903121888	004315	Brezendine Rectifier L0043 and Grou	F0503	Addition	ISRS Other	201409	(818.02)	9	0.00148333	(10.92)	(14.56)
376100-Mains - Steel	20903121888	004315	Brezendine Rectifier L0043 and Grou	F0503	Addition	ISRS Other	201410	(2,800.00)	8	0.00148333	(33.23)	(49.84)
		004315 Total						(3,618.02)			(44.15)	(64.40)
376100-Mains - Steel	20813132533	004320	Pine & Purdy Repl PBS w 2040'-2in P	F0634	Addition	ISRS Other	201409	(46.01)	9	0.00148333	(0.61)	(0.82)
		004320 Total						(46.01)			(0.61)	(0.82)
376100-Mains - Steel	20801132712	004324	Monett New Rectifier /Ground Bed #6	F0621	Addition	ISRS Other	201409	(94.11)	9	0.00148333	(1.26)	(1.68)
		004324 Total						(94.11)			(1.26)	(1.68)
376100-Mains - Steel	20933132713	004325	Drexel Rectifier/Ground Bed #0061	F0621	Addition	ISRS Other	201409	(89.47)	9	0.00148333	(1.19)	(1.59)
		004325 Total						(89.47)			(1.19)	(1.59)
376100-Mains - Steel	20401132827	004332	AOR 7027 Agnes Blvd Repl CI w 30'-6	F0599	Addition	ISRS Other	201409	(54.19)	9	0.00148333	(0.72)	(0.96)
		004332 Total						(54.19)			(0.72)	(0.96)
376100-Mains - Steel	20603133197	004337	I-49 Overpass Reloc Main	F0664	Addition	Public Improv	201409	(4,837.02)	9	0.00148333	(64.57)	(86.10)
		004337 Total						(4,837.02)			(64.57)	(86.10)
376100-Mains - Steel	20401133036	004343	AOR 6111 Forest Repl CI w 30'-4in P	F0599	Addition	ISRS Other	201409	(450.77)	9	0.00148333	(6.02)	(8.02)
		004343 Total						(450.77)			(6.02)	(8.02)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

<u>Utility Account</u>	<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Work Order Description</u>	<u>Funding Proj. No.</u>	<u>FERC Activity</u>	<u>Category</u>	<u>Month</u>	<u>Addition Amount</u>	<u>Months</u>	<u>Depr Mo. Rate</u>	<u>Accum. Depr</u>	<u>Depr Expense</u>
376100-Mains - Steel	21235133051	004354	Lathrop NEW Rectifier & Groundbed	F0626	Addition	ISRS Other	201409	(650.68)	9	0.00148333	(8.69)	(11.58)
		004354 Total						(650.68)			(8.69)	(11.58)
376100-Mains - Steel	20515133033	004360	7th & Duquesne Reloc 110'-4in TF St	F0664	Addition	Public Improv	201409	(295.94)	9	0.00148333	(3.95)	(5.27)
		004360 Total						(295.94)			(3.95)	(5.27)
376100-Mains - Steel	20513133101	004362	2nd & Hunter Repl PBS w 301'-2in PE	F0572	Addition	ISRS Other	201409	(127.22)	9	0.00148333	(1.70)	(2.26)
		004362 Total						(127.22)			(1.70)	(2.26)
376300-Mains - Plastic	20317143417	004364	Davis St Repl PBS w 730'-2in PE mai	F0604	Addition	ISRS Other	201411	26,447.34	7	0.00148333	274.61	470.76
376300-Mains - Plastic	20317143417	004364	Davis St Repl PBS w 730'-2in PE mai	F0604	Addition	ISRS Other	201412	(151.33)	6	0.00148333	(1.35)	(2.69)
		004364 Total						26,296.01			273.26	468.07
376300-Mains - Plastic	20401143391	004365	AOR 1300 Askew Repl CI w 555'-4in P	F0599	Addition	ISRS Other	201409	(1,572.84)	9	0.00148333	(21.00)	(28.00)
		004365 Total						(1,572.84)			(21.00)	(28.00)
376300-Mains - Plastic	20201133218	004369	26th Glendale Windsor 2in PE Pub Im	F0549	Addition	Public Improv	201409	(3,150.43)	9	0.00148333	(42.06)	(56.08)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

<u>Utility Account</u>	<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Work Order Description</u>	<u>Funding Proj. No.</u>	<u>FERC Activity</u>	<u>Category</u>	<u>Month</u>	<u>Addition Amount</u>	<u>Months</u>	<u>Depr Mo. Rate</u>	<u>Accum. Depr</u>	<u>Depr Expense</u>
376300-Mains - Plastic	20201133218	004369	26th Glendale Windsor 2in PE Pub Im	F0549	Addition	Public Improv	201410	-	8	0.00148333	-	-
		004369 Total						(3,150.43)			(42.06)	(56.08)
376100-Mains - Steel	20902132967	004374	Railroad St Repl BS/CS w 1515'-2in;	F0604	Addition	ISRS Other	201409	(1,309.64)	9	0.00148333	(17.48)	(23.31)
376100-Mains - Steel	20902132967	004374	Railroad St Repl BS/CS w 1515'-2in;	F0604	Addition	ISRS Other	201410	48,053.65	8	0.00148333	570.24	855.35
376100-Mains - Steel	20902132967	004374	Railroad St Repl BS/CS w 1515'-2in;	F0604	Addition	ISRS Other	201411	(5,700.68)	7	0.00148333	(59.19)	(101.47)
376100-Mains - Steel	20902132967	004374	Railroad St Repl BS/CS w 1515'-2in;	F0604	Addition	ISRS Other	201412	2,866.12	6	0.00148333	25.51	51.02
		004374 Total						43,909.45			519.08	781.59
376100-Mains - Steel	20401143389	004375	AOR 5717 Troost Repl CI w 50'-8in T	F0599	Addition	ISRS Other	201409	(399.68)	9	0.00148333	(5.34)	(7.11)
		004375 Total						(399.68)			(5.34)	(7.11)
376300-Mains - Plastic	21001143303	004376	9th & Ridenbaugh Repl B/CS w 558'-4	F0504	Addition	ISRS Other	201409	(480.27)	9	0.00148333	(6.41)	(8.55)
		004376 Total						(480.27)			(6.41)	(8.55)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	20501133245	004379	19th & Harlem Repl PBS w 430'-2in P	F0544	Addition	ISRS Other	201409	(363.06)	9	0.00148333	(4.85)	(6.46)
376300-Mains - Plastic	20501133245	004379	19th & Harlem Repl PBS w 430'-2in P	F0544	Addition	ISRS Other	201410	-	8	0.00148333	-	-
		004379 Total						(363.06)			(4.85)	(6.46)
378000-Meas & Reg Station Eq	20401132618	004380	Build DRS 100 LS Rd and GV Lateral	F0578	Addition	Public Improv	201410	162,833.78	8	0.00238333	3,104.69	4,657.04
378000-Meas & Reg Station Eq	20401132618	004380	Build DRS 100 LS Rd and GV Lateral	F0578	Addition	Public Improv	201411	(831.58)	7	0.00238333	(13.87)	(23.78)
378000-Meas & Reg Station Eq	20401132618	004380	Build DRS 100 LS Rd and GV Lateral	F0578	Addition	Public Improv	201412	2,739.95	6	0.00238333	39.18	78.36
		004380 Total						164,742.15			3,130.00	4,711.62
376100-Mains - Steel	20401133242	004381	14th & Bennington Reloc PBS w 15'-3	F0497	Addition	Public Improv	201409	13.59	9	0.00148333	0.18	0.24
		004381 Total						13.59			0.18	0.24
376100-Mains - Steel	20201133049	004382	33rd & Vermont Rectifier/GroundBed	F0503	Addition	ISRS Other	201409	(124.35)	9	0.00148333	(1.66)	(2.21)
		004382 Total						(124.35)			(1.66)	(2.21)
376100-Mains - Steel	20902143326	004385	74th Ter & Woodson Repl PCS w 50'-2	F0605	Addition	ISRS Other	201409	(89.13)	9	0.00148333	(1.19)	(1.59)
		004385 Total						(89.13)			(1.19)	(1.59)
376100-Mains - Steel	20401143328	004387	25th & Indiana Repl CI w 500'-4;379	F0500	Addition	ISRS Other	201409	(34.44)	9	0.00148333	(0.46)	(0.61)
376100-Mains - Steel	20401143328	004387	25th & Indiana Repl CI w 500'-4;379	F0500	Addition	ISRS Other	201410	(0.05)	8	0.00148333	-	-

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

<u>Utility Account</u>	<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Work Order Description</u>	<u>Funding Proj. No.</u>	<u>FERC Activity</u>	<u>Category</u>	<u>Month</u>	<u>Addition Amount</u>	<u>Months</u>	<u>Depr Mo. Rate</u>	<u>Accum. Depr</u>	<u>Depr Expense</u>
376300-Mains - Plastic	20401143328	004387	25th & Indiana Repl CI w 500'-4;379	F0500	Addition	ISRS Other	201409	(1,935.85)	9	0.00148333	(25.84)	(34.46)
376300-Mains - Plastic	20401143328	004387	25th & Indiana Repl CI w 500'-4;379	F0500	Addition	ISRS Other	201410	0.05	8	0.00148333	-	-
		004387 Total						(1,970.29)			(26.30)	(35.07)
376300-Mains - Plastic	20308143365	004389	22nd & Shelby Repl PBS w 410'-2in P	F0549	Addition	Public Improv	201409	(19.86)	9	0.00148333	(0.27)	(0.35)
		004389 Total						(19.86)			(0.27)	(0.35)
376100-Mains - Steel	20908143266	004394	291 & Commercial Reloc CS w 1659'-6	F0578	Addition	Public Improv	201412	1,337.30	6	0.00148333	11.90	23.80
376300-Mains - Plastic	20908143266	004394	291 & Commercial Reloc CS w 1659'-6	F0578	Addition	Public Improv	201409	97,223.13	9	0.00148333	1,297.93	1,730.57
376300-Mains - Plastic	20908143266	004394	291 & Commercial Reloc CS w 1659'-6	F0578	Addition	Public Improv	201410	5,658.63	8	0.00148333	67.15	100.72
376300-Mains - Plastic	20908143266	004394	291 & Commercial Reloc CS w 1659'-6	F0578	Addition	Public Improv	201411	(154.51)	7	0.00148333	(1.60)	(2.75)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	20908143266	004394	291 & Commercial Reloc CS w 1659'-6	F0578	Addition	Public Improv	201412	(1,826.47)	6	0.00148333	(16.26)	(32.51)
		004394 Total						102,238.08			1,359.12	1,819.83
376100-Mains - Steel	20201133137	004396	Farley Ave Repl PBS w 9325'-2;285'-	F0604	Addition	ISRS Other	201409	(7,974.11)	9	0.00148333	(106.45)	(141.94)
		004396 Total						(7,974.11)			(106.45)	(141.94)
380200-Services	20901050309	004400	BWO LINE LOCATES-REPL SERVICES ONLY	F0648	Addition	Blanket WO	201412	463.42	6	0.00223333	6.21	12.42
		004400 Total						463.42			6.21	12.42
380200-Services	20801050362	004407	BWO SERVICE LINE REPL BLOCK COMPANY	F0594	Addition	Blanket WO	201409	(3.04)	9	0.00223333	(0.06)	(0.08)
		004407 Total						(3.04)			(0.06)	(0.08)
382000 Meter Installations-MG	21001050363	004408	BWO SLRP MTR/REG REPL COMPANY	F0519	Addition	Blanket WO	201409	(5.08)	9	0.00203333	(0.09)	(0.12)
		004408 Total						(5.08)			(0.09)	(0.12)
380200-Services	20801050370	004413	BWO SERVICE LINE REPL CONTRACTOR SL	F0618	Addition	Blanket WO	201409	(383.88)	9	0.00223333	(7.72)	(10.29)
		004413 Total						(383.88)			(7.72)	(10.29)
380200-Services	20901050370	004414	BWO SERVICE LINE REPL CONTRACT-SLRP	F0555	Addition	Blanket WO	201409	260,099.33	9	0.00223333	5,227.99	6,970.65
380200-Services	20901050370	004414	BWO SERVICE LINE REPL CONTRACT-SLRP	F0555	Addition	Blanket WO	201410	100,421.51	8	0.00223333	1,794.19	2,691.29
380200-Services	20901050370	004414	BWO SERVICE LINE REPL CONTRACT-SLRP	F0555	Addition	Blanket WO	201411	46,466.60	7	0.00223333	726.43	1,245.30
380200-Services	20901050370	004414	BWO SERVICE LINE REPL CONTRACT-SLRP	F0555	Addition	Blanket WO	201412	24,356.41	6	0.00223333	326.38	652.75
		004414 Total						431,343.85			8,074.99	11,559.99
380200-Services	21001050301	004416	BWO-REPLACE SERVICE	F0561	Addition	Blanket WO	201409	3,438.85	9	0.00223333	69.12	92.16
380200-Services	21001050301	004416	BWO-REPLACE SERVICE	F0561	Addition	Blanket WO	201410	5,829.85	8	0.00223333	104.16	156.24
380200-Services	21001050301	004416	BWO-REPLACE SERVICE	F0561	Addition	Blanket WO	201411	5,494.87	7	0.00223333	85.90	147.26
380200-Services	21001050301	004416	BWO-REPLACE SERVICE	F0561	Addition	Blanket WO	201412	5,423.03	6	0.00223333	72.67	145.34
		004416 Total						20,186.60			331.85	541.00

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

<u>Utility Account</u>	<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Work Order Description</u>	<u>Funding Proj. No.</u>	<u>FERC Activity</u>	<u>Category</u>	<u>Month</u>	<u>Addition Amount</u>	<u>Months</u>	<u>Depr Mo. Rate</u>	<u>Accum. Depr</u>	<u>Depr Expense</u>
376100-Mains - Steel	20501132307	004422	41st & Penn Repl PBS w 560'-4in PE	F0544	Addition	ISRS Other	201409	50.89	9	0.00148333	0.68	0.91
		004422 Total						50.89			0.68	0.91
376100-Mains - Steel	20201132511	004427	Hayward Ave Repl PBS w 5040'-2in PE	F0604	Addition	ISRS Other	201409	(1,362.37)	9	0.00148333	(18.19)	(24.25)
		004427 Total						(1,362.37)			(18.19)	(24.25)
376100-Mains - Steel	20401132518	004428	52nd & Oak Repl PBS with 40'-12in T	F0663	Addition	ISRS Other	201409	(283.43)	9	0.00148333	(3.78)	(5.05)
		004428 Total						(283.43)			(3.78)	(5.05)
376100-Mains - Steel	20301118253	004430	W0137 Rectifier Groundbed Replaceme	F0503	Addition	ISRS Other	201409	(386.84)	9	0.00148333	(5.16)	(6.89)
376100-Mains - Steel	20301118253	004430	W0137 Rectifier Groundbed Replaceme	F0503	Addition	ISRS Other	201410	-	8	0.00148333	-	-
		004430 Total						(386.84)			(5.16)	(6.89)
376100-Mains - Steel	21219133193	004442	7th St Repl PCS w 19'-3in TF Steel	F0547	Addition	Public Improv	201409	(6.15)	9	0.00148333	(0.08)	(0.11)
		004442 Total						(6.15)			(0.08)	(0.11)
376100-Mains - Steel	20401132788	004443	AOR Indep Ave Repl CI w 60'-6in PE	F0599	Addition	ISRS Other	201409	(725.84)	9	0.00148333	(9.69)	(12.92)
		004443 Total						(725.84)			(9.69)	(12.92)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
380200-Services	20401133204	004444	KANSAS CITY STAR-2IN REPL SERVICE	F0631	Addition	SLRP	201409	(176.28)	9	0.00223333	(3.54)	(4.72)
		004444 Total						(176.28)			(3.54)	(4.72)
376100-Mains - Steel	20317132851	004448	Railroad St Repl PBS w 25'-6;10'-4i	F0604	Addition	ISRS Other	201409	(536.53)	9	0.00148333	(7.16)	(9.55)
		004448 Total						(536.53)			(7.16)	(9.55)
376100-Mains - Steel	20501133062	004450	20th & Wisconsin Reloc 120'-8;1250'	F0664	Addition	Public Improv	201412	77,100.09	6	0.00148333	686.19	1,372.38
		004450 Total						77,100.09			686.19	1,372.38
376100-Mains - Steel	21219132924	004453	Walnut Repl PCS w 15'-3in TF Steel	F0665	Addition	ISRS Other	201409	24.81	9	0.00148333	0.33	0.44
		004453 Total						24.81			0.33	0.44
376100-Mains - Steel	20813133159	004459	Geneve Repl PBS w 310'-2in PE main	F0592	Addition	ISRS Other	201409	(175.31)	9	0.00148333	(2.34)	(3.12)
		004459 Total						(175.31)			(2.34)	(3.12)
376100-Mains - Steel	20401132399	004460	KC Street Car Ph 1 Reloc CI w 2815'	F0497	Addition	Public Improv	201409	(674,262.30)	9	0.00148333	(9,001.38)	(12,001.84)
376300-Mains - Plastic	20401132399	004460	KC Street Car Ph 1 Reloc CI w 2815'	F0497	Addition	Public Improv	201409	660,836.46	9	0.00148333	8,822.15	11,762.86
		004460 Total						(13,425.84)			(179.23)	(238.98)
376100-Mains - Steel	20201143317	004463	24 Hwy & Overton Reloc PBS w 100'-4	F0549	Addition	Public Improv	201409	4,065.05	9	0.00148333	54.27	72.36

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

<u>Utility Account</u>	<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Work Order Description</u>	<u>Funding Proj. No.</u>	<u>FERC Activity</u>	<u>Category</u>	<u>Month</u>	<u>Addition Amount</u>	<u>Months</u>	<u>Depr Mo. Rate</u>	<u>Accum. Depr</u>	<u>Depr Expense</u>
376100-Mains - Steel	20201143317	004463	24 Hwy & Overton Reloc PBS w 100'-4	F0549	Addition	Public Improv	201410	(14,831.49)	8	0.00148333	(176.00)	(264.00)
376300-Mains - Plastic	20201143317	004463	24 Hwy & Overton Reloc PBS w 100'-4	F0549	Addition	Public Improv	201410	14,831.49	8	0.00148333	176.00	264.00
		004463 Total						4,065.05			54.27	72.36
376100-Mains - Steel	20816143338	004464	Texas St Repl CS w 56'- 2in PE Main	F0545	Addition	Public Improv	201409	(115.28)	9	0.00148333	(1.54)	(2.05)
		004464 Total						(115.28)			(1.54)	(2.05)
376100-Mains - Steel	20401132966	004468	AOR 33rd & Wayne Repl CI w 120'-4in	F0599	Addition	ISRS Other	201409	(912.44)	9	0.00148333	(12.18)	(16.24)
		004468 Total						(912.44)			(12.18)	(16.24)
376100-Mains - Steel	20815132957	004474	Replace Fuses on WO 132353 Thistle	F0598	Addition	ISRS Other	201411	18.21	7	0.00148333	0.19	0.32
376100-Mains - Steel	20815132957	004474	Replace Fuses on WO 132353 Thistle	F0598	Addition	ISRS Other	201412	(0.08)	6	0.00148333	-	-
		004474 Total						18.13			0.19	0.32
376300-Mains - Plastic	20901133138	004477	Country Ln & Columbus Reloc 124'-2i	F0578	Addition	Public Improv	201409	(33.92)	9	0.00148333	(0.45)	(0.60)
		004477 Total						(33.92)			(0.45)	(0.60)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376100-Mains - Steel	20401132728	004480	80th Public Impr Reloc CS/BS w 1428	F0547	Addition	Public Improv	201409	(1,136.64)	9	0.00148333	(15.17)	(20.23)
		004480 Total						(1,136.64)			(15.17)	(20.23)
376100-Mains - Steel	21001132797	004481	Olive Repl PBS w 518'-4in PE main	F0504	Addition	ISRS Other	201409	(42.20)	9	0.00148333	(0.56)	(0.75)
		004481 Total						(42.20)			(0.56)	(0.75)
376100-Mains - Steel	21213132956	004483	1026 Fredericksburg Repl PCS w 21'-	F0665	Addition	ISRS Other	201409	10.48	9	0.00148333	0.14	0.19
		004483 Total						10.48			0.14	0.19
376100-Mains - Steel	21271133034	004485	38th & N Brighton Reloc PCS w 20'-8	F0547	Addition	Public Improv	201409	(187.92)	9	0.00148333	(2.51)	(3.34)
		004485 Total						(187.92)			(2.51)	(3.34)
376100-Mains - Steel	20802132875	004486	Hwy 97 Repl PCS w 10'-2in TF Steel	F0527	Addition	ISRS Other	201409	5.21	9	0.00148333	0.07	0.09
		004486 Total						5.21			0.07	0.09
376100-Mains - Steel	20401132756	004488	48th & Oak Repl PBS w 45'-12in TF S	F0663	Addition	ISRS Other	201409	(193.20)	9	0.00148333	(2.58)	(3.44)
		004488 Total						(193.20)			(2.58)	(3.44)
382000 Meter Installations-MG	20501050363	004498	BWO SLRP MTR/REG REPL COMPANY	F0596	Addition	Blanket WO	201409	453.16	9	0.00203333	8.29	11.06
382000 Meter Installations-MG	20501050363	004498	BWO SLRP MTR/REG REPL COMPANY	F0596	Addition	Blanket WO	201410	434.13	8	0.00203333	7.06	10.59
382000 Meter Installations-MG	20501050363	004498	BWO SLRP MTR/REG REPL COMPANY	F0596	Addition	Blanket WO	201411	425.66	7	0.00203333	6.06	10.39
382000 Meter Installations-MG	20501050363	004498	BWO SLRP MTR/REG REPL COMPANY	F0596	Addition	Blanket WO	201412	332.20	6	0.00203333	4.05	8.11
		004498 Total						1,645.15			25.46	40.15
380200-Services	20501050367	004499	BWO MATERIAL SERV LINE REPL COMP	F0526	Addition	Blanket WO	201409	642.49	9	0.00223333	12.91	17.22
380200-Services	20501050367	004499	BWO MATERIAL SERV LINE REPL COMP	F0526	Addition	Blanket WO	201410	(743.20)	8	0.00223333	(13.28)	(19.92)
380200-Services	20501050367	004499	BWO MATERIAL SERV LINE REPL COMP	F0526	Addition	Blanket WO	201411	20.29	7	0.00223333	0.32	0.54
380200-Services	20501050367	004499	BWO MATERIAL SERV LINE REPL COMP	F0526	Addition	Blanket WO	201412	64.27	6	0.00223333	0.86	1.72
		004499 Total						(16.15)			0.81	(0.44)
380200-Services	20801050301	004501	BWO-REPLACE SERVICE	F0659	Addition	Blanket WO	201409	16,917.41	9	0.00223333	340.04	453.39
380200-Services	20801050301	004501	BWO-REPLACE SERVICE	F0659	Addition	Blanket WO	201410	14,213.17	8	0.00223333	253.94	380.91
380200-Services	20801050301	004501	BWO-REPLACE SERVICE	F0659	Addition	Blanket WO	201411	(5,090.06)	7	0.00223333	(79.57)	(136.41)
380200-Services	20801050301	004501	BWO-REPLACE SERVICE	F0659	Addition	Blanket WO	201412	4,755.10	6	0.00223333	63.72	127.44
		004501 Total						30,795.62			578.13	825.33

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376100-Mains - Steel	20501132734	004510	Range Line Rd Repl PBS w 105'-2"PE	F0572	Addition	ISRS Other	201409	6.37	9	0.00148333	0.09	0.11
		004510 Total						6.37			0.09	0.11
378000-Meas & Reg Station Eq	20401132379	004515	Gardner Ave Reloc DRS 424	F0501	Addition	Reg Station	201409	(215.87)	9	0.00238333	(4.63)	(6.17)
		004515 Total						(215.87)			(4.63)	(6.17)
376100-Mains - Steel	20401132651	004523	Ward Pkwy & 62nd St Reloc CI w 3564	F0547	Addition	Public Improv	201409	(5,404.17)	9	0.00148333	(72.15)	(96.19)
		004523 Total						(5,404.17)			(72.15)	(96.19)
376100-Mains - Steel	20401121835	004525	Askew Repl CI w 1175'-2in PE main	F0599	Addition	ISRS Other	201409	(919.54)	9	0.00148333	(12.28)	(16.37)
		004525 Total						(919.54)			(12.28)	(16.37)
376100-Mains - Steel	20501132499	004531	34th & Indiana Repl PBS w 2590'-4in	F0544	Addition	ISRS Other	201409	(115.71)	9	0.00148333	(1.54)	(2.06)
		004531 Total						(115.71)			(1.54)	(2.06)
376100-Mains - Steel	20401132709	004536	AOR 6115 Main Repl CI w 40'-6in PE	F0599	Addition	ISRS Other	201409	(90.01)	9	0.00148333	(1.20)	(1.60)
		004536 Total						(90.01)			(1.20)	(1.60)
376100-Mains - Steel	20904132968	004547	Alley 7th & Jones Reloc 75'-2in PE	F0636	Addition	ISRS Other	201409	(61.29)	9	0.00148333	(0.82)	(1.09)
		004547 Total						(61.29)			(0.82)	(1.09)
376100-Mains - Steel	20401121900	004557	55th & Woodland Repl CI w 12in TF S	F0668	Addition	ISRS Other	201409	(1,328.44)	9	0.00148333	(17.73)	(23.65)
		004557 Total						(1,328.44)			(17.73)	(23.65)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376100-Mains - Steel	20501132745	004559	7th & Minnesota Repl PBS w 2350'-4;	F0544	Addition	ISRS Other	201409	(1,908.15)	9	0.00148333	(25.47)	(33.96)
376100-Mains - Steel	20501132745	004559	7th & Minnesota Repl PBS w 2350'-4;	F0544	Addition	ISRS Other	201411	5,238.34	7	0.00148333	54.39	93.24
376100-Mains - Steel	20501132745	004559	7th & Minnesota Repl PBS w 2350'-4;	F0544	Addition	ISRS Other	201412	7,983.95	6	0.00148333	71.06	142.11
		004559 Total						11,314.14			99.98	201.39
376300-Mains - Plastic	20908133165	004566	Butler Repl PBS w 2930'-2in PE main	F0604	Addition	ISRS Other	201409	(1,477.33)	9	0.00148333	(19.72)	(26.30)
		004566 Total						(1,477.33)			(19.72)	(26.30)
376100-Mains - Steel	20401132982	004567	27th & Lawn Repl CI/PBS w 2118'-6in	F0663	Addition	ISRS Other	201409	(5,845.57)	9	0.00148333	(78.04)	(104.05)
		004567 Total						(5,845.57)			(78.04)	(104.05)
376100-Mains - Steel	20902132892	004571	83rd & Raytown Rd Tie 2in PE	F0672	Addition	ISRS Other	201409	(332.16)	9	0.00148333	(4.43)	(5.91)
		004571 Total						(332.16)			(4.43)	(5.91)
376100-Mains - Steel	20901132486	004574	Lincolnwood Reloc PCS w 20'-4in PE	F0578	Addition	Public Improv	201409	(46.05)	9	0.00148333	(0.61)	(0.82)
		004574 Total						(46.05)			(0.61)	(0.82)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	20201133224	004575	Tie PE mains to C500 System Crysler	F0580	Addition	ISRS Other	201409	(622.91)	9	0.00148333	(8.32)	(11.09)
376300-Mains - Plastic	20201133224	004575	Tie PE mains to C500 System Crysler	F0580	Addition	ISRS Other	201411	-	7	0.00148333	-	-
		004575 Total						(622.91)			(8.32)	(11.09)
376300-Mains - Plastic	21271133028	004576	N Jackson Reloc PBS/PCS w 995'-4;1,	F0547	Addition	Public Improv	201409	(3,374.08)	9	0.00148333	(45.04)	(60.06)
376300-Mains - Plastic	21271133028	004576	N Jackson Reloc PBS/PCS w 995'-4;1,	F0547	Addition	Public Improv	201410	-	8	0.00148333	-	-
		004576 Total						(3,374.08)			(45.04)	(60.06)
376100-Mains - Steel	20401132828	004582	AOR CI Repl 240'-6in PE main	F0599	Addition	ISRS Other	201409	(1,433.54)	9	0.00148333	(19.14)	(25.52)
		004582 Total						(1,433.54)			(19.14)	(25.52)
376100-Mains - Steel	20401133190	004585	AOR 425 N Denver Repl CI w 35'-6in	F0599	Addition	ISRS Other	201409	(505.02)	9	0.00148333	(6.74)	(8.99)
		004585 Total						(505.02)			(6.74)	(8.99)
376300-Mains - Plastic	20201143418	004587	Grand & South Reloc PBS w 4270'-2in	F0578	Addition	Public Improv	201409	(1,019.70)	9	0.00148333	(13.61)	(18.15)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	20201143418	004587	Grand & South Reloc PBS w 4270'-2in	F0578	Addition	Public Improv	201410	-	8	0.00148333	-	-
		004587 Total						(1,019.70)			(13.61)	(18.15)
376100-Mains - Steel	20502143412	004588	Jefferson Repl PBS/PCS w 1080'-6;82	F0544	Addition	ISRS Other	201412	192,036.17	6	0.00148333	1,709.12	3,418.24
		004588 Total						192,036.17			1,709.12	3,418.24
380200-Services	20806133026	004590	Doniphan Dr Repl 2in CS Service Lin	F0506	Addition	SLRP	201409	(44.18)	9	0.00223333	(0.89)	(1.18)
		004590 Total						(44.18)			(0.89)	(1.18)
380200-Services	20501050360	004597	BWO SERVICE LINE LEAK RESPONSIVE CO	F0632	Addition	Blanket WO	201409	29.70	9	0.00223333	0.60	0.80
		004597 Total						29.70			0.60	0.80
380200-Services	20901050360	004598	BWO SERVICE LINE LEAK RESPONSIVE CO	F0484	Addition	Blanket WO	201409	1,203.80	9	0.00223333	24.20	32.26
380200-Services	20901050360	004598	BWO SERVICE LINE LEAK RESPONSIVE CO	F0484	Addition	Blanket WO	201411	(127.08)	7	0.00223333	(1.99)	(3.41)
380200-Services	20901050360	004598	BWO SERVICE LINE LEAK RESPONSIVE CO	F0484	Addition	Blanket WO	201412	8.01	6	0.00223333	0.11	0.21
		004598 Total						1,084.73			22.32	29.06
380200-Services	20401050371	004599	BWO SERVICE REPL MODIFIED BLOCK CON	F0567	Addition	Blanket WO	201409	47,053.64	9	0.00223333	945.78	1,261.04
380200-Services	20401050371	004599	BWO SERVICE REPL MODIFIED BLOCK CON	F0567	Addition	Blanket WO	201410	49,038.54	8	0.00223333	876.15	1,314.23
380200-Services	20401050371	004599	BWO SERVICE REPL MODIFIED BLOCK CON	F0567	Addition	Blanket WO	201411	8,037.46	7	0.00223333	125.65	215.40
380200-Services	20401050371	004599	BWO SERVICE REPL MODIFIED BLOCK CON	F0567	Addition	Blanket WO	201412	(3,814.16)	6	0.00223333	(51.11)	(102.22)
		004599 Total						100,315.48			1,896.47	2,688.45
380200-Services	20501050371	004600	BWO SERVICE LINE REPL MODIFIED BLOC	F0669	Addition	Blanket WO	201409	103,995.50	9	0.00223333	2,090.31	2,787.08
380200-Services	20501050371	004600	BWO SERVICE LINE REPL MODIFIED BLOC	F0669	Addition	Blanket WO	201410	26,052.94	8	0.00223333	465.48	698.22
380200-Services	20501050371	004600	BWO SERVICE LINE REPL MODIFIED BLOC	F0669	Addition	Blanket WO	201411	(983.36)	7	0.00223333	(15.37)	(26.35)
380200-Services	20501050371	004600	BWO SERVICE LINE REPL MODIFIED BLOC	F0669	Addition	Blanket WO	201412	8,776.21	6	0.00223333	117.60	235.20
		004600 Total						137,841.29			2,658.02	3,694.15
380200-Services	21001050371	004601	BWO SERVICE LINE REPL MODIFIED BLOC	F0591	Addition	Blanket WO	201409	(0.62)	9	0.00223333	(0.01)	(0.02)
380200-Services	21001050371	004601	BWO SERVICE LINE REPL MODIFIED BLOC	F0591	Addition	Blanket WO	201412	48.78	6	0.00223333	0.65	1.31

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
		004601 Total						48.16			0.64	1.29
382000 Meter Installations-MG	20501050373	004602	BWO MTR/REG SET REPL CONTRACTOR-SLR	F0629	Addition	Blanket WO	201409	13,225.13	9	0.00203333	242.02	322.69
382000 Meter Installations-MG	20501050373	004602	BWO MTR/REG SET REPL CONTRACTOR-SLR	F0629	Addition	Blanket WO	201410	4,029.73	8	0.00203333	65.55	98.33
382000 Meter Installations-MG	20501050373	004602	BWO MTR/REG SET REPL CONTRACTOR-SLR	F0629	Addition	Blanket WO	201411	4.02	7	0.00203333	0.06	0.10
382000 Meter Installations-MG	20501050373	004602	BWO MTR/REG SET REPL CONTRACTOR-SLR	F0629	Addition	Blanket WO	201412	(275.81)	6	0.00203333	(3.36)	(6.73)
		004602 Total						16,983.07			304.27	414.39
380200-Services	20901050367	004609	BWO MATERIAL SERV LINE REPL COMP	F0649	Addition	Blanket WO	201409	7,053.44	9	0.00223333	141.77	189.03
380200-Services	20901050367	004609	BWO MATERIAL SERV LINE REPL COMP	F0649	Addition	Blanket WO	201410	6,651.75	8	0.00223333	118.84	178.27
380200-Services	20901050367	004609	BWO MATERIAL SERV LINE REPL COMP	F0649	Addition	Blanket WO	201411	8,010.12	7	0.00223333	125.22	214.67
380200-Services	20901050367	004609	BWO MATERIAL SERV LINE REPL COMP	F0649	Addition	Blanket WO	201412	2,824.70	6	0.00223333	37.85	75.70
		004609 Total						24,540.01			423.68	657.67
376100-Mains - Steel	20401121846	004612	26th btw Brooklyn/Prospect Repl CI	F0599	Addition	ISRS Other	201409	(4,641.39)	9	0.00148333	(61.96)	(82.62)
		004612 Total						(4,641.39)			(61.96)	(82.62)
376100-Mains - Steel	20201132490	004619	Lexington & Short Repl PBS w 220'-2	F0604	Addition	ISRS Other	201409	(84.14)	9	0.00148333	(1.12)	(1.50)
376100-Mains - Steel	20201132490	004619	Lexington & Short Repl PBS w 220'-2	F0604	Addition	ISRS Other	201410	325.61	8	0.00148333	3.86	5.80
376100-Mains - Steel	20201132490	004619	Lexington & Short Repl PBS w 220'-2	F0604	Addition	ISRS Other	201411	205.63	7	0.00148333	2.14	3.66
376100-Mains - Steel	20201132490	004619	Lexington & Short Repl PBS w 220'-2	F0604	Addition	ISRS Other	201412	(35.33)	6	0.00148333	(0.31)	(0.63)
		004619 Total						411.77			4.57	7.33
378000-Meas & Reg Station Eq	20201132660	004622	291 Hwy & Truman Rd Rebuild DRS 122	F0600	Addition	Reg Station	201409	(567.96)	9	0.00238333	(12.18)	(16.24)
		004622 Total						(567.96)			(12.18)	(16.24)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

<u>Utility Account</u>	<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Work Order Description</u>	<u>Funding Proj. No.</u>	<u>FERC Activity</u>	<u>Category</u>	<u>Month</u>	<u>Addition Amount</u>	<u>Months</u>	<u>Depr Mo. Rate</u>	<u>Accum. Depr</u>	<u>Depr Expense</u>
376100-Mains - Steel	20501132643	004623	11th&Picher CP Repl PBS w 1095'-4in	F0572	Addition	ISRS Other	201409	(1,384.18)	9	0.00148333	(18.48)	(24.64)
		004623 Total						(1,384.18)			(18.48)	(24.64)
376100-Mains - Steel	20201132733	004624	33rd Terr Reloc PBS w 620'-2in Pe	F0578	Addition	Public Improv	201409	(630.88)	9	0.00148333	(8.42)	(11.23)
		004624 Total						(630.88)			(8.42)	(11.23)
378000-Meas & Reg Station Eq	20901132504	004626	Fairview Rd Rebuild DRS 55	F0600	Addition	Reg Station	201409	(212.27)	9	0.00238333	(4.55)	(6.07)
		004626 Total						(212.27)			(4.55)	(6.07)
378000-Meas & Reg Station Eq	21271121673	004629	113th & Main Rebuild DRS #332	F0600	Addition	Reg Station	201409	12.14	9	0.00238333	0.26	0.35
		004629 Total						12.14			0.26	0.35
376100-Mains - Steel	20201132701	004630	31st & Overton Repl PBS w 500'-2in	F0604	Addition	ISRS Other	201409	(66.15)	9	0.00148333	(0.88)	(1.18)
		004630 Total						(66.15)			(0.88)	(1.18)
376100-Mains - Steel	21271132604	004633	Highland Ave Repl Cl w 1330'-2in PE	F0599	Addition	ISRS Other	201409	(1,734.87)	9	0.00148333	(23.16)	(30.88)
		004633 Total						(1,734.87)			(23.16)	(30.88)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376100-Mains - Steel	20401121800	004637	63rd & Indiana Repl CI w PE Main P	F0599	Addition	ISRS Other	201409	(2,330.69)	9	0.00148333	(31.11)	(41.49)
		004637 Total						(2,330.69)			(31.11)	(41.49)
376100-Mains - Steel	20401132849	004638	Cass County Hydrotest Phase 2	F0502	Addition	ISRS Other	201409	(15,326.11)	9	0.00148333	(204.60)	(272.80)
		004638 Total						(15,326.11)			(204.60)	(272.80)
376100-Mains - Steel	20401132400	004645	Kansas City Street Car Phase 2	F0547	Addition	Public Improv	201412	423,003.39	6	0.00148333	3,764.72	7,529.44
		004645 Total						423,003.39			3,764.72	7,529.44
376100-Mains - Steel	20401132894	004647	Kelly Road Main Ext Facilitate Hydr	F0502	Addition	ISRS Other	201409	(1,896.12)	9	0.00148333	(25.31)	(33.75)
		004647 Total						(1,896.12)			(25.31)	(33.75)
376300-Mains - Plastic	20501133143	004648	Florida Ave Repl PBS w 588'-2in PE	F0544	Addition	ISRS Other	201409	(672.99)	9	0.00148333	(8.98)	(11.98)
		004648 Total						(672.99)			(8.98)	(11.98)
376100-Mains - Steel	20401132402	004654	KC Street Car Ph 3 Reloc CI, PBS w	F0547	Addition	Public Improv	201412	4,268,934.05	6	0.00148333	37,993.43	75,986.86
		004654 Total						4,268,934.05			37,993.43	75,986.86

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

<u>Utility Account</u>	<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Work Order Description</u>	<u>Funding Proj. No.</u>	<u>FERC Activity</u>	<u>Category</u>	<u>Month</u>	<u>Addition Amount</u>	<u>Months</u>	<u>Depr Mo. Rate</u>	<u>Accum. Depr</u>	<u>Depr Expense</u>
376100-Mains - Steel	20816133105	004662	Cheyne & Daisy Falls Reloc 290'-4i	F0598	Addition	ISRS Other	201409	(155.05)	9	0.00148333	(2.07)	(2.76)
		004662 Total						(155.05)			(2.07)	(2.76)
376100-Mains - Steel	20201132874	004665	Highland & College Repl PBS w 330'-	F0604	Addition	ISRS Other	201409	(228.89)	9	0.00148333	(3.06)	(4.07)
		004665 Total						(228.89)			(3.06)	(4.07)
376100-Mains - Steel	20401132883	004669	84th & Hillcrest Repl PCS w 1235'-2	F0665	Addition	ISRS Other	201409	(553.08)	9	0.00148333	(7.38)	(9.84)
		004669 Total						(553.08)			(7.38)	(9.84)
376100-Mains - Steel	20401133038	004670	AOR Repl CI w 125'-6in PE main	F0599	Addition	ISRS Other	201409	(540.40)	9	0.00148333	(7.21)	(9.62)
		004670 Total						(540.40)			(7.21)	(9.62)
376100-Mains - Steel	20401133121	004671	Palmer Repl PCS w 15'-2in PE main	F0636	Addition	ISRS Other	201409	27.48	9	0.00148333	0.37	0.49
		004671 Total						27.48			0.37	0.49
376100-Mains - Steel	20901143327	004673	16th & Decker Reloc CS w 250'-4in P	F0578	Addition	Public Improv	201409	(22,637.86)	9	0.00148333	(302.21)	(402.95)
376300-Mains - Plastic	20901143327	004673	16th & Decker Reloc CS w 250'-4in P	F0578	Addition	Public Improv	201409	22,317.37	9	0.00148333	297.94	397.25
		004673 Total						(320.49)			(4.27)	(5.70)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

<u>Utility Account</u>	<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Work Order Description</u>	<u>Funding Proj. No.</u>	<u>FERC Activity</u>	<u>Category</u>	<u>Month</u>	<u>Addition Amount</u>	<u>Months</u>	<u>Depr Mo. Rate</u>	<u>Accum. Depr</u>	<u>Depr Expense</u>
376300-Mains - Plastic	20201143450	004888	33rd & Vermont Repl PBS w 22300'-2;	F0604	Addition	ISRS Other	201411	611,627.83	7	0.00148333	6,350.72	10,886.95
376300-Mains - Plastic	20201143450	004888	33rd & Vermont Repl PBS w 22300'-2;	F0604	Addition	ISRS Other	201412	14,879.80	6	0.00148333	132.43	264.86
		004888 Total						626,507.63			6,483.15	11,151.81
376300-Mains - Plastic	20902143419	004890	71 Ter & Ralston Repl PBS main w 23	F0604	Addition	ISRS Other	201409	(900.72)	9	0.00148333	(12.02)	(16.03)
376300-Mains - Plastic	20902143419	004890	71 Ter & Ralston Repl PBS main w 23	F0604	Addition	ISRS Other	201410	(119.09)	8	0.00148333	(1.41)	(2.12)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
		004890 Total						(1,019.81)			(13.43)	(18.15)
376100-Mains - Steel	20901132732	004893	Colbern & Unity Way Reloc PBS w 550	F0514	Addition	Public Improv	201409	(1,563.62)	9	0.00148333	(20.87)	(27.83)
376100-Mains - Steel	20901132732	004893	Colbern & Unity Way Reloc PBS w 550	F0514	Addition	Public Improv	201410	(165.61)	8	0.00148333	(1.97)	(2.95)
376100-Mains - Steel	20901132732	004893	Colbern & Unity Way Reloc PBS w 550	F0514	Addition	Public Improv	201411	1,769.72	7	0.00148333	18.38	31.50
376100-Mains - Steel	20901132732	004893	Colbern & Unity Way Reloc PBS w 550	F0514	Addition	Public Improv	201412	(166.27)	6	0.00148333	(1.48)	(2.96)
		004893 Total						(125.78)			(5.94)	(2.24)
376300-Mains - Plastic	20308143387	004947	23rd & Walnut Repl PBS w 360'-2in P	F0549	Addition	Public Improv	201410	6,203.97	8	0.00148333	73.62	110.43
		004947 Total						6,203.97			73.62	110.43
376300-Mains - Plastic	20301143470	004948	Broad St Repl PBS w 530'-2in PE mai	F0604	Addition	ISRS Other	201409	(72.66)	9	0.00148333	(0.97)	(1.29)
376300-Mains - Plastic	20301143470	004948	Broad St Repl PBS w 530'-2in PE mai	F0604	Addition	ISRS Other	201410	-	8	0.00148333	-	-
		004948 Total						(72.66)			(0.97)	(1.29)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	20312143471	004949	Folger Repl PBS w 1350'-2in PE main	F0604	Addition	ISRS Other	201411	35,798.08	7	0.00148333	371.70	637.20
376300-Mains - Plastic	20312143471	004949	Folger Repl PBS w 1350'-2in PE main	F0604	Addition	ISRS Other	201412	(96.51)	6	0.00148333	(0.86)	(1.72)
		004949 Total						35,701.57			370.84	635.48
380200-Services	20401143436	004953	911 Main St Repl 8in Steel Service	F0547	Addition	Public Improv	201409	(307.58)	9	0.00223333	(6.18)	(8.24)
		004953 Total						(307.58)			(6.18)	(8.24)
376300-Mains - Plastic	20401143390	004971	AOR 1837 E 48th Ter Repl CI w 500'-	F0613	Addition	ISRS Other	201409	(828.96)	9	0.00148333	(11.07)	(14.76)
376300-Mains - Plastic	20401143390	004971	AOR 1837 E 48th Ter Repl CI w 500'-	F0613	Addition	ISRS Other	201410	(81.62)	8	0.00148333	(0.97)	(1.45)
		004971 Total						(910.58)			(12.04)	(16.21)
380200-Services	21272143466	004972	101 E 9th Repl CS w 2in PE Service	F0612	Addition	SLRP	201409	(113.44)	9	0.00223333	(2.28)	(3.04)
		004972 Total						(113.44)			(2.28)	(3.04)
376100-Mains - Steel	20401143477	004973	84th & Tracy Repl PBS w 24'-TF Stee	F0663	Addition	ISRS Other	201409	149.26	9	0.00148333	1.99	2.66
376100-Mains - Steel	20401143477	004973	84th & Tracy Repl PBS w 24'-TF Stee	F0663	Addition	ISRS Other	201410	1,828.42	8	0.00148333	21.70	32.55
376100-Mains - Steel	20401143477	004973	84th & Tracy Repl PBS w 24'-TF Stee	F0663	Addition	ISRS Other	201411	(85.84)	7	0.00148333	(0.89)	(1.53)
376100-Mains - Steel	20401143477	004973	84th & Tracy Repl PBS w 24'-TF Stee	F0663	Addition	ISRS Other	201412	(122.95)	6	0.00148333	(1.09)	(2.19)
		004973 Total						1,768.89			21.71	31.49
376300-Mains - Plastic	20401143313	004986	Cast Iron Repl Proj Ph I Sec0306 KC	F0599	Addition	ISRS Other	201409	1,253,310.78	9	0.00148333	16,731.66	22,308.88
376300-Mains - Plastic	20401143313	004986	Cast Iron Repl Proj Ph I Sec0306 KC	F0599	Addition	ISRS Other	201410	15,539.61	8	0.00148333	184.40	276.60

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	20401143313	004986	Cast Iron Repl Proj Ph I Sec0306 KC	F0599	Addition	ISRS Other	201411	11,927.86	7	0.00148333	123.85	212.32
376300-Mains - Plastic	20401143313	004986	Cast Iron Repl Proj Ph I Sec0306 KC	F0599	Addition	ISRS Other	201412	(1,373.08)	6	0.00148333	(12.22)	(24.44)
		004986 Total						1,279,405.17			17,027.69	22,773.36
376100-Mains - Steel	20903143508	005027	RD Mize & 7 hwy Repl PCS inlet DRS	F0580	Addition	ISRS Other	201409	(269.87)	9	0.00148333	(3.60)	(4.80)
376100-Mains - Steel	20903143508	005027	RD Mize & 7 hwy Repl PCS inlet DRS	F0580	Addition	ISRS Other	201412	58.38	6	0.00148333	0.52	1.04
		005027 Total						(211.49)			(3.08)	(3.76)
376300-Mains - Plastic	20301143476	005028	Market St Repl PBS w 1320'-2in PE m	F0604	Addition	ISRS Other	201410	27,394.70	8	0.00148333	325.08	487.62
376300-Mains - Plastic	20301143476	005028	Market St Repl PBS w 1320'-2in PE m	F0604	Addition	ISRS Other	201411	2,279.85	7	0.00148333	23.67	40.58
376300-Mains - Plastic	20301143476	005028	Market St Repl PBS w 1320'-2in PE m	F0604	Addition	ISRS Other	201412	(428.47)	6	0.00148333	(3.81)	(7.63)
		005028 Total						29,246.08			344.94	520.57
376300-Mains - Plastic	20201143509	005032	Lexington & Strode Repl PBS w 440'-	F0604	Addition	ISRS Other	201409	1,326.56	9	0.00148333	17.71	23.61
376300-Mains - Plastic	20201143509	005032	Lexington & Strode Repl PBS w 440'-	F0604	Addition	ISRS Other	201410	(19.38)	8	0.00148333	(0.23)	(0.34)
		005032 Total						1,307.18			17.48	23.27

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

<u>Utility Account</u>	<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Work Order Description</u>	<u>Funding Proj. No.</u>	<u>FERC Activity</u>	<u>Category</u>	<u>Month</u>	<u>Addition Amount</u>	<u>Months</u>	<u>Depr Mo. Rate</u>	<u>Accum. Depr</u>	<u>Depr Expense</u>
376300-Mains - Plastic	20201143501	005039	31st Overton Repl PBS/PCS w 3425'-2	F0604	Addition	ISRS Other	201409	89,949.20	9	0.00148333	1,200.82	1,601.09
376300-Mains - Plastic	20201143501	005039	31st Overton Repl PBS/PCS w 3425'-2	F0604	Addition	ISRS Other	201410	3,048.22	8	0.00148333	36.17	54.26
376300-Mains - Plastic	20201143501	005039	31st Overton Repl PBS/PCS w 3425'-2	F0604	Addition	ISRS Other	201411	(3,013.95)	7	0.00148333	(31.29)	(53.65)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	20201143501	005039	31st Overton Repl PBS/PCS w 3425'-2	F0604	Addition	ISRS Other	201412	45.84	6	0.00148333	0.41	0.82
		005039 Total						90,029.31			1,206.11	1,602.52
376300-Mains - Plastic	21207143488	005040	W Franklin Repl PBS w 130'-4in PE m	F0663	Addition	ISRS Other	201409	(304.48)	9	0.00148333	(4.06)	(5.42)
376300-Mains - Plastic	21207143488	005040	W Franklin Repl PBS w 130'-4in PE m	F0663	Addition	ISRS Other	201410	(40.68)	8	0.00148333	(0.48)	(0.72)
		005040 Total						(345.16)			(4.54)	(6.14)
378000-Meas & Reg Station Eq	20925143474	005042	Rebuild DRS 1 09-25 RD Mize	F0600	Addition	Reg Station	201412	32,263.57	6	0.00238333	461.37	922.74
		005042 Total						32,263.57			461.37	922.74
376300-Mains - Plastic	21001143360	005110	Middleton Repl CI w 542'-6in PE mai	F0599	Addition	ISRS Other	201409	(738.77)	9	0.00148333	(9.86)	(13.15)
376300-Mains - Plastic	21001143360	005110	Middleton Repl CI w 542'-6in PE mai	F0599	Addition	ISRS Other	201410	(89.02)	8	0.00148333	(1.06)	(1.58)
		005110 Total						(827.79)			(10.92)	(14.73)
376300-Mains - Plastic	21001143464	005111	16th & Moss Repl PBS w 450'-4in PE	F0504	Addition	ISRS Other	201409	(73.57)	9	0.00148333	(0.98)	(1.31)
376300-Mains - Plastic	21001143464	005111	16th & Moss Repl PBS w 450'-4in PE	F0504	Addition	ISRS Other	201410	(21.63)	8	0.00148333	(0.26)	(0.39)
		005111 Total						(95.20)			(1.24)	(1.70)
376300-Mains - Plastic	21001143359	005112	11TH & BROADWAY Repl 103'-2in PE ma	F0636	Addition	ISRS Other	201409	(159.66)	9	0.00148333	(2.13)	(2.84)
376300-Mains - Plastic	21001143359	005112	11TH & BROADWAY Repl 103'-2in PE ma	F0636	Addition	ISRS Other	201410	(10.32)	8	0.00148333	(0.12)	(0.18)
		005112 Total						(169.98)			(2.25)	(3.02)
376300-Mains - Plastic	21001143463	005113	14th & Scaramento Repl PBS w 150'-4	F0504	Addition	ISRS Other	201409	(132.54)	9	0.00148333	(1.77)	(2.36)
376300-Mains - Plastic	21001143463	005113	14th & Scaramento Repl PBS w 150'-4	F0504	Addition	ISRS Other	201410	(14.44)	8	0.00148333	(0.17)	(0.26)
		005113 Total						(146.98)			(1.94)	(2.62)
376300-Mains - Plastic	20902143513	005153	59th & Kentucky Repl PCS/PBS w 885'	F0604	Addition	ISRS Other	201410	40,690.88	8	0.00148333	482.86	724.30

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	20902143513	005153	59th & Kentucky Repl PCS/PBS w 885'	F0604	Addition	ISRS Other	201411	8,478.08	7	0.00148333	88.03	150.91
376300-Mains - Plastic	20902143513	005153	59th & Kentucky Repl PCS/PBS w 885'	F0604	Addition	ISRS Other	201412	(865.92)	6	0.00148333	(7.71)	(15.41)
		005153 Total						48,303.04			563.18	859.80
376300-Mains - Plastic	20401143422	005250	Wabash & St John Repl CI w 190'-4in	F0500	Addition	ISRS Other	201412	5,321.09	6	0.00148333	47.36	94.72
		005250 Total						5,321.09			47.36	94.72
376300-Mains - Plastic	20506143552	005251	171 & Pearl Repl PBS w 625'-2in PE	F0664	Addition	Public Improv	201409	(421.12)	9	0.00148333	(5.62)	(7.50)
376300-Mains - Plastic	20506143552	005251	171 & Pearl Repl PBS w 625'-2in PE	F0664	Addition	Public Improv	201410	(7,153.05)	8	0.00148333	(84.88)	(127.32)
376300-Mains - Plastic	20506143552	005251	171 & Pearl Repl PBS w 625'-2in PE	F0664	Addition	Public Improv	201411	195.47	7	0.00148333	2.03	3.48
376300-Mains - Plastic	20506143552	005251	171 & Pearl Repl PBS w 625'-2in PE	F0664	Addition	Public Improv	201412	544.26	6	0.00148333	4.84	9.69
		005251 Total						(6,834.44)			(83.63)	(121.65)
376300-Mains - Plastic	20401143309	005270	Blue Pkwy Repl PBS/PE w 255'-4in;1	F0595	Addition	Public Improv	201412	310,904.90	6	0.00148333	2,767.05	5,534.09
		005270 Total						310,904.90			2,767.05	5,534.09
376100-Mains - Steel	20507143505	005271	3rd St & Maple Repl PBS w 139'-2in	F0572	Addition	ISRS Other	201409	(0.43)	9	0.00148333	(0.01)	(0.01)
376100-Mains - Steel	20507143505	005271	3rd St & Maple Repl PBS w 139'-2in	F0572	Addition	ISRS Other	201410	(23.54)	8	0.00148333	(0.28)	(0.42)
376300-Mains - Plastic	20507143505	005271	3rd St & Maple Repl PBS w 139'-2in	F0572	Addition	ISRS Other	201409	(114.88)	9	0.00148333	(1.53)	(2.04)
376300-Mains - Plastic	20507143505	005271	3rd St & Maple Repl PBS w 139'-2in	F0572	Addition	ISRS Other	201410	5.81	8	0.00148333	0.07	0.10
		005271 Total						(133.04)			(1.75)	(2.37)
376300-Mains - Plastic	20401143555	005294	18th & Lydia Repl CI w 8'-6in PE ma	F0599	Addition	ISRS Other	201409	45.46	9	0.00148333	0.61	0.81

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	20401143555	005294	18th & Lydia Repl CI w 8'-6in PE ma	F0599	Addition	ISRS Other	201410	9.77	8	0.00148333	0.12	0.17
		005294 Total						55.23			0.73	0.98
376300-Mains - Plastic	21271143517	005295	39th & N Spruce Repl PBS w 2400'-2i	F0663	Addition	ISRS Other	201412	74,180.24	6	0.00148333	660.20	1,320.41
		005295 Total						74,180.24			660.20	1,320.41
376300-Mains - Plastic	20801143551	005296	6th & Sycamore Repl PBS w 150'-2in;	F0592	Addition	ISRS Other	201409	(1,910.67)	9	0.00148333	(25.51)	(34.01)
		005296 Total						(1,910.67)			(25.51)	(34.01)
380200-Services	20401143575	005332	13508 Oak St Repl 2in Service Line	F0587	Addition	SLRP	201409	4,582.03	9	0.00223333	92.10	122.80
380200-Services	20401143575	005332	13508 Oak St Repl 2in Service Line	F0587	Addition	SLRP	201410	(0.01)	8	0.00223333	-	-
		005332 Total						4,582.02			92.10	122.80
376100-Mains - Steel	20806143587	005342	South St & Oak Ridge Repl PBS w CS/	F0592	Addition	ISRS Other	201409	946.06	9	0.00148333	12.63	16.84
376100-Mains - Steel	20806143587	005342	South St & Oak Ridge Repl PBS w CS/	F0592	Addition	ISRS Other	201412	(568.53)	6	0.00148333	(5.06)	(10.12)
376300-Mains - Plastic	20806143587	005342	South St & Oak Ridge Repl PBS w CS/	F0592	Addition	ISRS Other	201412	446.02	6	0.00148333	3.97	7.94
		005342 Total						823.55			11.54	14.66
376100-Mains - Steel	21251143578	005394	N Overland Dr Repl 16'-8in CS main	F0665	Addition	ISRS Other	201409	(159.26)	9	0.00148333	(2.13)	(2.83)
376100-Mains - Steel	21251143578	005394	N Overland Dr Repl 16'-8in CS main	F0665	Addition	ISRS Other	201410	-	8	0.00148333	-	-
376100-Mains - Steel	21251143578	005394	N Overland Dr Repl 16'-8in CS main	F0665	Addition	ISRS Other	201411	63.81	7	0.00148333	0.66	1.14

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
		005394 Total						(95.45)			(1.47)	(1.69)
376300-Mains - Plastic	21001143577	005396	Riverview Repl PBS w 6011'-4;707'-2	F0663	Addition	ISRS Other	201409	(4,885.22)	9	0.00148333	(65.22)	(86.96)
376300-Mains - Plastic	21001143577	005396	Riverview Repl PBS w 6011'-4;707'-2	F0663	Addition	ISRS Other	201410	422.88	8	0.00148333	5.02	7.53
		005396 Total						(4,462.34)			(60.20)	(79.43)
376300-Mains - Plastic	20401143489	005432	43rd/47th Belfontaine CI Repl Proj	F0599	Addition	ISRS Other	201412	887,506.89	6	0.00148333	7,898.79	15,797.59
		005432 Total						887,506.89			7,898.79	15,797.59
376300-Mains - Plastic	20401143480	005433	1511 Brooklyn REPL CI w 101'-4IN PE	F0500	Addition	ISRS Other	201409	1,294.20	9	0.00148333	17.28	23.04
376300-Mains - Plastic	20401143480	005433	1511 Brooklyn REPL CI w 101'-4IN PE	F0500	Addition	ISRS Other	201410	8.59	8	0.00148333	0.10	0.15
		005433 Total						1,302.79			17.38	23.19
376100-Mains - Steel	20801143585	005451	11th & Broadway Repl PBS w 50'-2in	F0634	Addition	ISRS Other	201409	2,797.11	9	0.00148333	37.34	49.79
376100-Mains - Steel	20801143585	005451	11th & Broadway Repl PBS w 50'-2in	F0634	Addition	ISRS Other	201410	343.32	8	0.00148333	4.07	6.11
376100-Mains - Steel	20801143585	005451	11th & Broadway Repl PBS w 50'-2in	F0634	Addition	ISRS Other	201411	(25.51)	7	0.00148333	(0.26)	(0.45)
376100-Mains - Steel	20801143585	005451	11th & Broadway Repl PBS w 50'-2in	F0634	Addition	ISRS Other	201412	(20.71)	6	0.00148333	(0.18)	(0.37)
		005451 Total						3,094.21			40.97	55.08
376300-Mains - Plastic	21001143534	005462	18th St Repl PBS w 303'-2in PE main	F0678	Addition	ISRS Other	201409	(193.96)	9	0.00148333	(2.59)	(3.45)
376300-Mains - Plastic	21001143534	005462	18th St Repl PBS w 303'-2in PE main	F0678	Addition	ISRS Other	201411	-	7	0.00148333	-	-
376300-Mains - Plastic	21001143534	005462	18th St Repl PBS w 303'-2in PE main	F0678	Addition	ISRS Other	201412	1.08	6	0.00148333	0.01	0.02
		005462 Total						(192.88)			(2.58)	(3.43)
376100-Mains - Steel	20804143597	005463	Sloan Ave Reloc 10'-3in CS main	F0545	Addition	Public Improv	201409	(58.71)	9	0.00148333	(0.78)	(1.05)
376100-Mains - Steel	20804143597	005463	Sloan Ave Reloc 10'-3in CS main	F0545	Addition	Public Improv	201410	-	8	0.00148333	-	-
376100-Mains - Steel	20804143597	005463	Sloan Ave Reloc 10'-3in CS main	F0545	Addition	Public Improv	201411	0.95	7	0.00148333	0.01	0.02

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
		005463 Total						(57.76)			(0.77)	(1.03)
376300-Mains - Plastic	21001143532	005466	Spratt Ave Repl PBS w 454'- 2in PE	F0504	Addition	ISRS Other	201409	10,702.77	9	0.00148333	142.88	190.51
376300-Mains - Plastic	21001143532	005466	Spratt Ave Repl PBS w 454'- 2in PE	F0504	Addition	ISRS Other	201410	38.01	8	0.00148333	0.45	0.68
376300-Mains - Plastic	21001143532	005466	Spratt Ave Repl PBS w 454'- 2in PE	F0504	Addition	ISRS Other	201411	(1,080.88)	7	0.00148333	(11.22)	(19.24)
376300-Mains - Plastic	21001143532	005466	Spratt Ave Repl PBS w 454'- 2in PE	F0504	Addition	ISRS Other	201412	136.69	6	0.00148333	1.22	2.43
		005466 Total						9,796.59			133.33	174.38
376300-Mains - Plastic	21001143536	005467	Monterey & 16th Repl PBS w 406'-2in	F0678	Addition	ISRS Other	201409	6,119.67	9	0.00148333	81.70	108.93
376300-Mains - Plastic	21001143536	005467	Monterey & 16th Repl PBS w 406'-2in	F0678	Addition	ISRS Other	201410	0.82	8	0.00148333	0.01	0.01
		005467 Total						6,120.49			81.71	108.94
376300-Mains - Plastic	20812143611	005492	Hines & Main Repl PBS/PCS w 5775'-2	F0545	Addition	Public Improv	201411	156,809.47	7	0.00148333	1,628.20	2,791.20
376300-Mains - Plastic	20812143611	005492	Hines & Main Repl PBS/PCS w 5775'-2	F0545	Addition	Public Improv	201412	(653.91)	6	0.00148333	(5.82)	(11.64)
		005492 Total						156,155.56			1,622.38	2,779.56
376100-Mains - Steel	21207143502	005515	73rd Crt Reloc PCS w 325'-6in TF St	F0595	Addition	Public Improv	201412	37,991.93	6	0.00148333	338.13	676.25
		005515 Total						37,991.93			338.13	676.25
376300-Mains - Plastic	21205143503	005516	Pleasant Valley Rd Reloc PBSPCS w 1	F0595	Addition	Public Improv	201411	100,429.48	7	0.00148333	1,042.79	1,787.64
376300-Mains - Plastic	21205143503	005516	Pleasant Valley Rd Reloc PBSPCS w 1	F0595	Addition	Public Improv	201412	1,865.84	6	0.00148333	16.61	33.21
		005516 Total						102,295.32			1,059.40	1,820.85
376300-Mains - Plastic	20401143560	005517	20th & Monroe Repl CI w 1122'-2in P	F0599	Addition	ISRS Other	201409	10,991.12	9	0.00148333	146.73	195.64
376300-Mains - Plastic	20401143560	005517	20th & Monroe Repl CI w 1122'-2in P	F0599	Addition	ISRS Other	201410	129.80	8	0.00148333	1.54	2.31
		005517 Total						11,120.92			148.27	197.95

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	20501143621	005551	11th & Highview Reloc PBS w 1245'-2	F0546	Addition	Public Improv	201411	37,016.21	7	0.00148333	384.35	658.89
376300-Mains - Plastic	20501143621	005551	11th & Highview Reloc PBS w 1245'-2	F0546	Addition	Public Improv	201412	237.88	6	0.00148333	2.12	4.23
		005551 Total						37,254.09			386.47	663.12
376300-Mains - Plastic	20501143622	005555	Rolla & Brownell Reloc PBS w 1185'-	F0664	Addition	Public Improv	201412	116,872.01	6	0.00148333	1,040.16	2,080.32
		005555 Total						116,872.01			1,040.16	2,080.32
376100-Mains - Steel	21272143478	005556	24th & Vernon Repl PBS w/ 410'-8in	F0595	Addition	Public Improv	201409	72,544.16	9	0.00148333	968.46	1,291.28
376100-Mains - Steel	21272143478	005556	24th & Vernon Repl PBS w/ 410'-8in	F0595	Addition	Public Improv	201410	163.34	8	0.00148333	1.94	2.91
		005556 Total						72,707.50			970.40	1,294.19
376100-Mains - Steel	20506143648	005577	So HWY 171 & 43 Reloc PCS w 42'-4in	F0664	Addition	Public Improv	201409	319.49	9	0.00148333	4.27	5.69
		005577 Total						319.49			4.27	5.69
376300-Mains - Plastic	21001143533	005592	4th & Sylvania St Repl 8in CI w 600	F0599	Addition	ISRS Other	201409	32,210.09	9	0.00148333	430.00	573.34
376300-Mains - Plastic	21001143533	005592	4th & Sylvania St Repl 8in CI w 600	F0599	Addition	ISRS Other	201410	9,145.27	8	0.00148333	108.52	162.79
376300-Mains - Plastic	21001143533	005592	4th & Sylvania St Repl 8in CI w 600	F0599	Addition	ISRS Other	201411	(767.04)	7	0.00148333	(7.96)	(13.65)
376300-Mains - Plastic	21001143533	005592	4th & Sylvania St Repl 8in CI w 600	F0599	Addition	ISRS Other	201412	(683.61)	6	0.00148333	(6.08)	(12.17)
		005592 Total						39,904.71			524.48	710.31
380200-Services	20910143640	005610	1901 S Market Reloc 2in PE Service	F0623	Addition	Public Improv	201409	(49.67)	9	0.00223333	(1.00)	(1.33)
		005610 Total						(49.67)			(1.00)	(1.33)
376100-Mains - Steel	20307143658	005633	7th & Orange Reloc pcs w 18'-6in CS	F0578	Addition	Public Improv	201409	3,364.94	9	0.00148333	44.92	59.90
376100-Mains - Steel	20307143658	005633	7th & Orange Reloc pcs w 18'-6in CS	F0578	Addition	Public Improv	201410	904.96	8	0.00148333	10.74	16.11
376100-Mains - Steel	20307143658	005633	7th & Orange Reloc pcs w 18'-6in CS	F0578	Addition	Public Improv	201411	(42.39)	7	0.00148333	(0.44)	(0.75)
376100-Mains - Steel	20307143658	005633	7th & Orange Reloc pcs w 18'-6in CS	F0578	Addition	Public Improv	201412	(69.72)	6	0.00148333	(0.62)	(1.24)
		005633 Total						4,157.79			54.60	74.02

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	20401143586	005677	CI Repl due to graphitization	F0599	Addition	ISRS Other	201410	110,798.91	8	0.00148333	1,314.81	1,972.22
376300-Mains - Plastic	20401143586	005677	CI Repl due to graphitization	F0599	Addition	ISRS Other	201411	88,675.88	7	0.00148333	920.75	1,578.43
376300-Mains - Plastic	20401143586	005677	CI Repl due to graphitization	F0599	Addition	ISRS Other	201412	18,827.39	6	0.00148333	167.56	335.13
		005677 Total						218,302.18			2,403.12	3,885.78
376300-Mains - Plastic	20401143569	005679	CI Repl Due to Graphitization	F0599	Addition	ISRS Other	201409	84,619.84	9	0.00148333	1,129.67	1,506.23
376300-Mains - Plastic	20401143569	005679	CI Repl Due to Graphitization	F0599	Addition	ISRS Other	201410	15,389.95	8	0.00148333	182.63	273.94
376300-Mains - Plastic	20401143569	005679	CI Repl Due to Graphitization	F0599	Addition	ISRS Other	201411	11,910.35	7	0.00148333	123.67	212.00
376300-Mains - Plastic	20401143569	005679	CI Repl Due to Graphitization	F0599	Addition	ISRS Other	201412	(2,384.01)	6	0.00148333	(21.22)	(42.44)
		005679 Total						109,536.13			1,414.75	1,949.73
376100-Mains - Steel	20401143656	005683	92nd Ter & Holmes Reloc PBS w 30'-6	F0547	Addition	Public Improv	201409	(925.65)	9	0.00148333	(12.36)	(16.48)
376100-Mains - Steel	20401143656	005683	92nd Ter & Holmes Reloc PBS w 30'-6	F0547	Addition	Public Improv	201411	-	7	0.00148333	-	-
376100-Mains - Steel	20401143656	005683	92nd Ter & Holmes Reloc PBS w 30'-6	F0547	Addition	Public Improv	201412	73.51	6	0.00148333	0.65	1.31
		005683 Total						(852.14)			(11.71)	(15.17)
376100-Mains - Steel	21274143634	005687	56th Terr Reloc 20'-2in CS main	F0547	Addition	Public Improv	201409	2,817.01	9	0.00148333	37.61	50.14
376100-Mains - Steel	21274143634	005687	56th Terr Reloc 20'-2in CS main	F0547	Addition	Public Improv	201410	977.06	8	0.00148333	11.59	17.39
376100-Mains - Steel	21274143634	005687	56th Terr Reloc 20'-2in CS main	F0547	Addition	Public Improv	201411	(45.74)	7	0.00148333	(0.47)	(0.81)
376100-Mains - Steel	21274143634	005687	56th Terr Reloc 20'-2in CS main	F0547	Addition	Public Improv	201412	(75.26)	6	0.00148333	(0.67)	(1.34)
		005687 Total						3,673.07			48.06	65.38
376100-Mains - Steel	21207143665	005730	Wilshire Reloc PCS w 60'-2in;30'-4i	F0547	Addition	Public Improv	201409	94.14	9	0.00148333	1.26	1.68

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

<u>Utility Account</u>	<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Work Order Description</u>	<u>Funding Proj. No.</u>	<u>FERC Activity</u>	<u>Category</u>	<u>Month</u>	<u>Addition Amount</u>	<u>Months</u>	<u>Depr Mo. Rate</u>	<u>Accum. Depr</u>	<u>Depr Expense</u>
376100-Mains - Steel	21207143665	005730	Wilshire Reloc PCS w 60'-2in;30'-4i	F0547	Addition	Public Improv	201410	(0.49)	8	0.00148333	(0.01)	(0.01)
		005730 Total						93.65			1.25	1.67
376300-Mains - Plastic	21207143620	005732	Franklin St Reloc PBS w 1402'-4;70'	F0547	Addition	Public Improv	201409	77,244.50	9	0.00148333	1,031.21	1,374.95
376300-Mains - Plastic	21207143620	005732	Franklin St Reloc PBS w 1402'-4;70'	F0547	Addition	Public Improv	201410	190.86	8	0.00148333	2.26	3.40
376300-Mains - Plastic	21207143620	005732	Franklin St Reloc PBS w 1402'-4;70'	F0547	Addition	Public Improv	201411	1,379.28	7	0.00148333	14.32	24.55
376300-Mains - Plastic	21207143620	005732	Franklin St Reloc PBS w 1402'-4;70'	F0547	Addition	Public Improv	201412	(145.08)	6	0.00148333	(1.29)	(2.58)
		005732 Total						78,669.56			1,046.50	1,400.32
376300-Mains - Plastic	20501143667	005733	1st & McKinley Reloc PBS w 1215'-2i	F0664	Addition	Public Improv	201409	8,672.47	9	0.00148333	115.78	154.37
376300-Mains - Plastic	20501143667	005733	1st & McKinley Reloc PBS w 1215'-2i	F0664	Addition	Public Improv	201410	(9,961.83)	8	0.00148333	(118.21)	(177.32)
376300-Mains - Plastic	20501143667	005733	1st & McKinley Reloc PBS w 1215'-2i	F0664	Addition	Public Improv	201411	(10,648.99)	7	0.00148333	(110.57)	(189.55)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	20501143667	005733	1st & McKinley Reloc PBS w 1215'-2i	F0664	Addition	Public Improv	201412	1,538.04	6	0.00148333	13.69	27.38
		005733 Total						(10,400.31)			(99.31)	(185.12)
376300-Mains - Plastic	20513143661	005737	Pennel & Summit Reloc BS/CS w 485'-	F0546	Addition	Public Improv	201411	46,130.24	7	0.00148333	478.98	821.12
376300-Mains - Plastic	20513143661	005737	Pennel & Summit Reloc BS/CS w 485'-	F0546	Addition	Public Improv	201412	(820.13)	6	0.00148333	(7.30)	(14.60)
		005737 Total						45,310.11			471.68	806.52
376300-Mains - Plastic	21271143554	005772	NE Kelsey Reloc PCS/PBS w 100'-4in	F0497	Addition	Public Improv	201411	35,042.23	7	0.00148333	363.85	623.75
376300-Mains - Plastic	21271143554	005772	NE Kelsey Reloc PCS/PBS w 100'-4in	F0497	Addition	Public Improv	201412	3,488.60	6	0.00148333	31.05	62.10
		005772 Total						38,530.83			394.90	685.85
376300-Mains - Plastic	20401143601	005773	803 Bales Ct Repl Cl w 40'-4in PE m	F0599	Addition	ISRS Other	201409	1,598.77	9	0.00148333	21.34	28.46
376300-Mains - Plastic	20401143601	005773	803 Bales Ct Repl Cl w 40'-4in PE m	F0599	Addition	ISRS Other	201410	4,514.09	8	0.00148333	53.57	80.35
376300-Mains - Plastic	20401143601	005773	803 Bales Ct Repl Cl w 40'-4in PE m	F0599	Addition	ISRS Other	201411	(208.96)	7	0.00148333	(2.17)	(3.72)
376300-Mains - Plastic	20401143601	005773	803 Bales Ct Repl Cl w 40'-4in PE m	F0599	Addition	ISRS Other	201412	(298.91)	6	0.00148333	(2.66)	(5.32)
		005773 Total						5,604.99			70.08	99.77
376300-Mains - Plastic	21271143699	005791	NE 45th Ter Repl BS/PE w 6'-2in PE	F0633	Addition	ISRS Other	201409	502.39	9	0.00148333	6.71	8.94
376300-Mains - Plastic	21271143699	005791	NE 45th Ter Repl BS/PE w 6'-2in PE	F0633	Addition	ISRS Other	201410	0.51	8	0.00148333	0.01	0.01
376300-Mains - Plastic	21271143699	005791	NE 45th Ter Repl BS/PE w 6'-2in PE	F0633	Addition	ISRS Other	201412	640.08	6	0.00148333	5.70	11.39
		005791 Total						1,142.98			12.42	20.34
376100-Mains - Steel	21271143686	005850	NE 67th Ter & N Euclid Repl 5'-2in	F0665	Addition	ISRS Other	201409	53.69	9	0.00148333	0.72	0.96
		005850 Total						53.69			0.72	0.96
376300-Mains - Plastic	20401143687	005852	2415 Walrond Repl Cl w 15'-6in PE m	F0599	Addition	ISRS Other	201409	76.45	9	0.00148333	1.02	1.36
376300-Mains - Plastic	20401143687	005852	2415 Walrond Repl Cl w 15'-6in PE m	F0599	Addition	ISRS Other	201412	1,481.62	6	0.00148333	13.19	26.37

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
		005852 Total						1,558.07			14.21	27.73
376100-Mains - Steel	20401143682	005854	Kensington & E 112 Ter Reloc PB w 1	F0663	Addition	ISRS Other	201409	92.14	9	0.00148333	1.23	1.64
376100-Mains - Steel	20401143682	005854	Kensington & E 112 Ter Reloc PB w 1	F0663	Addition	ISRS Other	201410	0.63	8	0.00148333	0.01	0.01
376100-Mains - Steel	20401143682	005854	Kensington & E 112 Ter Reloc PB w 1	F0663	Addition	ISRS Other	201412	445.28	6	0.00148333	3.96	7.93
		005854 Total						538.05			5.20	9.58
376300-Mains - Plastic	20401143602	005917	18th Ter Repl CI/CS w 2945'-4;340'	F0599	Addition	ISRS Other	201410	123,284.96	8	0.00148333	1,462.98	2,194.47
376300-Mains - Plastic	20401143602	005917	18th Ter Repl CI/CS w 2945'-4;340'	F0599	Addition	ISRS Other	201411	(8,191.63)	7	0.00148333	(85.06)	(145.81)
376300-Mains - Plastic	20401143602	005917	18th Ter Repl CI/CS w 2945'-4;340'	F0599	Addition	ISRS Other	201412	3,203.04	6	0.00148333	28.51	57.01
		005917 Total						118,296.37			1,406.43	2,105.67
376300-Mains - Plastic	21213143676	006075	Excelsior Springs Public Improvemen	F0547	Addition	Public Improv	201411	19,878.39	7	0.00148333	206.40	353.83
376300-Mains - Plastic	21213143676	006075	Excelsior Springs Public Improvemen	F0547	Addition	Public Improv	201412	829.19	6	0.00148333	7.38	14.76
		006075 Total						20,707.58			213.78	368.59
376300-Mains - Plastic	20925143749	006080	Install 2in PE distribution main Je	F0580	Addition	ISRS Other	201411	20,478.06	7	0.00148333	212.63	364.51
376300-Mains - Plastic	20925143749	006080	Install 2in PE distribution main Je	F0580	Addition	ISRS Other	201412	(628.98)	6	0.00148333	(5.60)	(11.20)
		006080 Total						19,849.08			207.03	353.31
376100-Mains - Steel	21207143744	006111	Northwyck Park Rectifier and Ground	F0621	Addition	ISRS Other	201412	21,760.85	6	0.00148333	193.67	387.34
		006111 Total						21,760.85			193.67	387.34
376100-Mains - Steel	20828143755	006113	Repl 1.25 and 2 in CS Main	F0598	Addition	ISRS Other	201409	167.22	9	0.00148333	2.23	2.98

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376100-Mains - Steel	20828143755	006113	Repl 1.25 and 2 in CS Main	F0598	Addition	ISRS Other	201410	2,626.89	8	0.00148333	31.17	46.76
376100-Mains - Steel	20828143755	006113	Repl 1.25 and 2 in CS Main	F0598	Addition	ISRS Other	201411	(626.00)	7	0.00148333	(6.50)	(11.14)
376100-Mains - Steel	20828143755	006113	Repl 1.25 and 2 in CS Main	F0598	Addition	ISRS Other	201412	203.95	6	0.00148333	1.82	3.63
		006113 Total						2,372.06			28.72	42.23
376300-Mains - Plastic	20506143761	006201	Stones Corner Main Relocation	F0572	Addition	ISRS Other	201411	19,239.02	7	0.00148333	199.76	342.45
376300-Mains - Plastic	20506143761	006201	Stones Corner Main Relocation	F0572	Addition	ISRS Other	201412	2,460.33	6	0.00148333	21.90	43.79
		006201 Total						21,699.35			221.66	386.24
376300-Mains - Plastic	20401143705	006351	AOR 6in CI Replacement with 65ft-6i	F0599	Addition	ISRS Other	201410	28,474.67	8	0.00148333	337.90	506.85
376300-Mains - Plastic	20401143705	006351	AOR 6in CI Replacement with 65ft-6i	F0599	Addition	ISRS Other	201411	8,538.86	7	0.00148333	88.66	151.99
376300-Mains - Plastic	20401143705	006351	AOR 6in CI Replacement with 65ft-6i	F0599	Addition	ISRS Other	201412	(2,188.61)	6	0.00148333	(19.48)	(38.96)
		006351 Total						34,824.92			407.08	619.88
376300-Mains - Plastic	20806143791	006356	Repl 288ft PBS with 295ft 2in Plast	F0634	Addition	ISRS Other	201409	428.36	9	0.00148333	5.72	7.62
376300-Mains - Plastic	20806143791	006356	Repl 288ft PBS with 295ft 2in Plast	F0634	Addition	ISRS Other	201410	19,575.85	8	0.00148333	232.30	348.45
376300-Mains - Plastic	20806143791	006356	Repl 288ft PBS with 295ft 2in Plast	F0634	Addition	ISRS Other	201411	(4,489.25)	7	0.00148333	(46.61)	(79.91)
376300-Mains - Plastic	20806143791	006356	Repl 288ft PBS with 295ft 2in Plast	F0634	Addition	ISRS Other	201412	2,556.02	6	0.00148333	22.75	45.50
		006356 Total						18,070.98			214.16	321.66
376300-Mains - Plastic	21271143754	006419	2in PBS REPLACEMENT	F0613	Addition	ISRS Other	201409	4,250.08	9	0.00148333	56.74	75.65
		006419 Total						4,250.08			56.74	75.65
376100-Mains - Steel	20401143774	006433	Relocate 220'-8in PBS with Thin Fil	F0497	Addition	Public Improv	201412	105,895.42	6	0.00148333	942.47	1,884.93
		006433 Total						105,895.42			942.47	1,884.93

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

<u>Utility Account</u>	<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Work Order Description</u>	<u>Funding Proj. No.</u>	<u>FERC Activity</u>	<u>Category</u>	<u>Month</u>	<u>Addition Amount</u>	<u>Months</u>	<u>Depr Mo. Rate</u>	<u>Accum. Depr</u>	<u>Depr Expense</u>
376300-Mains - Plastic	20501143720	006435	Lower 167ft of 2in PE	F0575	Addition	ISRS Other	201410	8,804.85	8	0.00148333	104.48	156.73
376300-Mains - Plastic	20501143720	006435	Lower 167ft of 2in PE	F0575	Addition	ISRS Other	201411	(4,496.35)	7	0.00148333	(46.69)	(80.03)
376300-Mains - Plastic	20501143720	006435	Lower 167ft of 2in PE	F0575	Addition	ISRS Other	201412	133.10	6	0.00148333	1.18	2.37
		006435 Total						4,441.60			58.97	79.07
376300-Mains - Plastic	20813143792	006473	Repl 391ft BS 86ft CS with 479ft 2	F0573	Addition	ISRS Other	201410	6,323.20	8	0.00148333	75.04	112.55
376300-Mains - Plastic	20813143792	006473	Repl 391ft BS 86ft CS with 479ft 2	F0573	Addition	ISRS Other	201411	5,145.40	7	0.00148333	53.43	91.59
376300-Mains - Plastic	20813143792	006473	Repl 391ft BS 86ft CS with 479ft 2	F0573	Addition	ISRS Other	201412	2,679.48	6	0.00148333	23.85	47.69
		006473 Total						14,148.08			152.32	251.83
376300-Mains - Plastic	20502143706	006511	Reactivate Main for Webster Element	F0575	Addition	ISRS Other	201412	(310.59)	6	0.00148333	(2.76)	(5.53)
		006511 Total						(310.59)			(2.76)	(5.53)
376300-Mains - Plastic	20502143823	006512	Replace w/ 210ft of 4in PE due to D	F0575	Addition	ISRS Other	201412	24,647.69	6	0.00148333	219.36	438.73
		006512 Total						24,647.69			219.36	438.73
376300-Mains - Plastic	20901143822	006551	Replace 4inch PCS/PBS main	F0604	Addition	ISRS Other	201412	25,101.28	6	0.00148333	223.40	446.80
		006551 Total						25,101.28			223.40	446.80
376300-Mains - Plastic	21207143819	006552	2in PE Main Relocation	F0636	Addition	ISRS Other	201409	906.93	9	0.00148333	12.11	16.14
376300-Mains - Plastic	21207143819	006552	2in PE Main Relocation	F0636	Addition	ISRS Other	201410	293.01	8	0.00148333	3.48	5.22
376300-Mains - Plastic	21207143819	006552	2in PE Main Relocation	F0636	Addition	ISRS Other	201411	(13.74)	7	0.00148333	(0.14)	(0.24)

Missouri Gas Energy - MGE
ISRS Work Order Additions September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	FERC Activity	Category	Month	Addition Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376300-Mains - Plastic	21207143819	006552	2in PE Main Relocation	F0636	Addition	ISRS Other	201412	(22.55)	6	0.00148333	(0.20)	(0.40)
		006552 Total						1,163.65			15.25	20.72
376300-Mains - Plastic	20201143853	006594	Replace 6in PBS 20th and Arlington	F0604	Addition	ISRS Other	201412	5,227.70	6	0.00148333	46.53	93.05
		006594 Total						5,227.70			46.53	93.05
376300-Mains - Plastic	20401143816	006597	CI Replacement w/ 2,430ft-4in PE	F0599	Addition	ISRS Other	201412	75,631.14	6	0.00148333	673.12	1,346.23
		006597 Total						75,631.14			673.12	1,346.23
376300-Mains - Plastic	20401143826	006603	3in PBS Main Replacement	F0613	Addition	ISRS Other	201412	36,271.12	6	0.00148333	322.81	645.62
		006603 Total						36,271.12			322.81	645.62
376300-Mains - Plastic	20801143783	006666	Repl 177ft 2in BS with 180ft 2in PI	F0573	Addition	ISRS Other	201412	6,257.37	6	0.00148333	55.69	111.38
		006666 Total						6,257.37			55.69	111.38
376300-Mains - Plastic	20501143697	006667	Repl with 375ft of 2in PE due to CP	F0572	Addition	ISRS Other	201412	11,632.66	6	0.00148333	103.53	207.06
		006667 Total						11,632.66			103.53	207.06
380200-Services	21001143881	006714	Replace 1 1/4 plastic with 2in PE	F0587	Addition	SLRP	201410	1,314.76	8	0.00223333	23.49	35.24
380200-Services	21001143881	006714	Replace 1 1/4 plastic with 2in PE	F0587	Addition	SLRP	201411	(35.93)	7	0.00223333	(0.56)	(0.96)
380200-Services	21001143881	006714	Replace 1 1/4 plastic with 2in PE	F0587	Addition	SLRP	201412	1,948.51	6	0.00223333	26.11	52.22
		006714 Total						3,227.34			49.04	86.50
376300-Mains - Plastic	21001143907	006800	Repl 60ft of 2in PE main with 2inP	F0580	Addition	ISRS Other	201412	134.33	6	0.00148333	1.20	2.39
		006800 Total						134.33			1.20	2.39
376300-Mains - Plastic	20401143936	006910	4in CI Replacement	F0500	Addition	ISRS Other	201412	16,814.27	6	0.00148333	149.65	299.29
		006910 Total						16,814.27			149.65	299.29
						Blanket WO	201501	50,557.71	5	0.00203333	514.00	1,233.61
						Blanket WO	201501	570,437.79	5	0.00223333	6,369.88	15,287.71
						Encapsulation	201501	144,000.00	5	0.00148333	1,068.00	2,563.19
						ISRS Other	201501	1,376,125.44	5	0.00148333	10,206.24	24,494.98
			January estimated additions			Public Improv	201501	133,547.87	5	0.00148333	990.48	2,377.15
						Blanket WO	201502	37,749.76	4	0.00203333	307.03	921.09
						Blanket WO	201502	425,926.89	4	0.00223333	3,804.94	11,414.82
						Encapsulation	201502	120,960.00	4	0.00148333	717.69	2,153.08
						ISRS Other	201502	1,107,862.73	4	0.00148333	6,573.30	19,719.91
		Grand Total						\$ 21,434,415.22			\$ 232,384.64	\$ 420,909.26

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20401133249	003788	(607.88)	Approved by: Kevin Driskell on 12/31/2013, ISRS To replace 24ft of 1.5" CU main at Cypress and E 43rd St. Main is on the C-009 pressure system with a MOP=15psig and a MAOP=16psig. See attached sheet for the work order numbers, length, size and type of main to be abandoned.		
	003788 Total	(607.88)		393.1009 (5) (a) (b)	A,B,C
20909133142	003793	2.60	Approved by: Ralph Janes on 11/07/2013, Replace and abandon 10' - 2in pcs main (WO 642656) that was damaged by third party drilling in a power pole.		
	003793 Total	2.60		393.1009 (5) (a) (b)	A,B
20802132908	003795	(49.61)	Approved by: Galen Shoemaker on 09/23/2013, To replace 20ft of 4in BS (JO9B) and 5ft of 2in CS (JO9B) and 5ft of 2in CS (65-4958) with 2in CS due to leakage and poor condition of main. MOP=30# MAOP=31# SYSTEM=S-6 TEST=100#		
	003795 Total	(49.61)		393.1009 (5) (a) (b)	A,B,C
21001132796	003797	(133.36)	Approved by: Gary Williams on 07/22/2013, This work order is necessary to replace 600ft-4in bs main (WO#6580) with 4in pe main (WO#13-2796) due to low reads. Pressure System C-01 Pressure .88.		
	003797 Total	(133.36)		393.1009 (5) (a) (b)	A,B,C
21219132984	003801	10.42	Approved by: Kevin Driskell on 09/23/2013, Relocate 9' of 4" PE main around storm structure (original WO 13-2516). S-056 pressure system.		
	003801 Total	10.42		393.1009 (5) (C)	
21271132955	003802	7.45	Approved by: Kevin Driskell on 09/23/2013, Replace 2" PBS with 12' of 2" thin film steel due to leak. Abandon 8' of 2" PBS (WO I333). Work done by MGE crew. MOP=15#, MAOP=15#		
	003802 Total	7.45		393.1009 (5) (a) (b)	A,B,C
20802132882	003806	20.05	Approved by: Galen Shoemaker on 08/26/2013, To replace 18ft of 2in BS Main (A3337) with 15ft of 2in PE and 3ft 2in CS. To replace 10ft of 2in CS Main (61-3353) with 10ft 2in CS. To retire 16ft of 2in BS from unknown WO that was not mapped to eliminate several fittings with leakage. MOP=30# MAOP=31# SYSTEM=S-6 TEST=100#		
	003806 Total	20.05		393.1009 (5) (a) (b)	A,B,C
20501132871	003807	24,425.73	Approved by: Galen Shoemaker on 08/26/2013, Replace 442' - 4" PCS (WO#: 90-1096) and 29' - 6" PCS (WO#:90-1096) and relocate with 370' - 4" PE and 50' - 6" PE due to 20th St Trails Public Improvement Project and trolley stop being built directly over existing main. New main will be relocated to edge of proposed right-of-way. Project Location: 20th and Mississippi; Pressure System: C-3; MOP: 8.00 psig; MAOP: 8.50 psig; Design: 58 psig; Test: 100 psig; ISRS		
20501132871	003807	(17.78)	Approved by: Galen Shoemaker on 08/26/2013, Replace 442' - 4" PCS (WO#: 90-1096) and 29' - 6" PCS (WO#:90-1096) and relocate with 370' - 4" PE and 50' - 6" PE due to 20th St Trails Public Improvement Project and trolley stop being built directly over existing main. New main will be relocated to edge of proposed right-of-way. Project Location: 20th and Mississippi; Pressure System: C-3; MOP: 8.00 psig; MAOP: 8.50 psig; Design: 58 psig; Test: 100 psig; ISRS		
	003807 Total	24,407.95		393.1009 (5) (C)	

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20503143406	003808	180,848.77	Approved by: Steve Lindsey on 03/18/2014, *MODOT Permit Required* Abandon 1889' - 3" PBS (WO#: NONE), 835' - 4" PBS (WO#: NONE), 443' - 2" PCS (WO#'s: 61-4320, 63-0895, 70-5998), 41' - 4" PCS (WO#: 77-2182), 14' - 4" PE (WO#: 93-0866) and replace with 745' - 2" PE and 2795' - 4" PE to repair 1 - #3 Leak (Leak No. 09-0091) due to a mechanical cross that is leaking tha cannot be repaired, due in May. There are 17 repaired leaks on this main. This work will replace most of the bare steel main in Carterville south of Business 49, saving time on maintenance in this area. Project Location: 3rd and Arch; Pressure System: C-1; MOP: 1.5 psig; MAOP: 1.69 psig; Design: 58 psig; Test: 100 psig; ISRS \$38.71/ft		
20503143406	003808	395.39	Approved by: Steve Lindsey on 03/18/2014, *MODOT Permit Required* Abandon 1889' - 3" PBS (WO#: NONE), 835' - 4" PBS (WO#: NONE), 443' - 2" PCS (WO#'s: 61-4320, 63-0895, 70-5998), 41' - 4" PCS (WO#: 77-2182), 14' - 4" PE (WO#: 93-0866) and replace with 745' - 2" PE and 2795' - 4" PE to repair 1 - #3 Leak (Leak No. 09-0091) due to a mechanical cross that is leaking tha cannot be repaired, due in May. There are 17 repaired leaks on this main. This work will replace most of the bare steel main in Carterville south of Business 49, saving time on maintenance in this area. Project Location: 3rd and Arch; Pressure System: C-1; MOP: 1.5 psig; MAOP: 1.69 psig; Design: 58 psig; Test: 100 psig; ISRS \$38.71/ft		
	003808 Total	181,244.16		393.1009 (5) (a) (b)	A,B,C
20201133152	003809	9,975.01	Approved by: Steve Lindsey on 01/07/2014, This WO is being written as part of the Accelerated Main Replacement. This past summer C&M spent several days chasing a leak on Kentucky at High. They made an investigative pothole at Claremont and found the 12" to be in better shape at this location. 550' of 12" replacement was budgeted at \$200 per foot. Potholing revealed we need to replace more to get to better main. The overall price per foot has been reduced by including the 1,270' of 2" bare steel dead end main that is fed by this section of the 12". Replace 12" PBS and 2" PBS with 900' - 12" thin film and 1270' - 2" PE and 30' of 4" thin film for new inlet piping to DRS 265. Main to abandon: 915' - 12" PBS (WO# 4500); 343' - 2" PBS (WO# 20211); 76' - 2" PBS (WO# 23491); 130' - 2" PBS (WO# 34248); 510' - 2" PBS (WO# 40809); 126' - 2" PCS (WO# 66-5531); and 71' - 1-1/4" PE (WO# 82-0775). Price per ft = \$127.39 (ISRS)		
20201133152	003809	-	Approved by: Steve Lindsey on 01/07/2014, This WO is being written as part of the Accelerated Main Replacement. This past summer C&M spent several days chasing a leak on Kentucky at High. They made an investigative pothole at Claremont and found the 12" to be in better shape at this location. 550' of 12" replacement was budgeted at \$200 per foot. Potholing revealed we need to replace more to get to better main. The overall price per foot has been reduced by including the 1,270' of 2" bare steel dead end main that is fed by this section of the 12". Replace 12" PBS and 2" PBS with 900' - 12" thin film and 1270' - 2" PE and 30' of 4" thin film for new inlet piping to DRS 265. Main to abandon: 915' - 12" PBS (WO# 4500); 343' - 2" PBS (WO# 20211); 76' - 2" PBS (WO# 23491); 130' - 2" PBS (WO# 34248); 510' - 2" PBS (WO# 40809); 126' - 2" PCS (WO# 66-5531); and 71' - 1-1/4" PE (WO# 82-0775). Price per ft = \$127.39 (ISRS)		
	003809 Total	9,975.01		393.1009 (5) (a) (b)	A,B,C
20801133175	003810	3.20	Approved by: Galen Shoemaker on 12/02/2013, To lay 220ft 2in Plastic Main to replace badly corroded and leaking Protected Bare Steel Main. Will retire 7ft of 2in PBS from WO 38023 and 78ft of 2in PBS from WO 31180 and 105ft of 2in PBS from WO 25209 and 30ft of 2in PBS from WO 21327. MAOP=44# MOP=40# SYSTEM=C-1		
	003810 Total	3.20		393.1009 (5) (a) (b)	A,B,C
20201050360	003815	33.67	Service/Yard Line Replacement (SLRP): Company Crew. Immediate response - replacement single unprotected steel or copper (Independence - East Region)		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20201050360	003815	-	Service/Yard Line Replacement (SLRP): Company Crew. Immediate response - replacement single unprotected steel or copper (Independence - East Region)		
	003815 Total	33.67		393.1009 (5) (a) (b)	A,B,C,I
20401050360	003816	29,889.97	Service/Yard Line Replacement (SLRP): Company Crew. Immediate response - replacement single unprotected steel or copper (Kansas City - Central Region)		
20401050360	003816	170,646.25	Service/Yard Line Replacement (SLRP): Company Crew. Immediate response - replacement single unprotected steel or copper (Kansas City - Central Region)		
20401050360	003816	75,040.75	Service/Yard Line Replacement (SLRP): Company Crew. Immediate response - replacement single unprotected steel or copper (Kansas City - Central Region)		
20401050360	003816	137,868.63	Service/Yard Line Replacement (SLRP): Company Crew. Immediate response - replacement single unprotected steel or copper (Kansas City - Central Region)		
	003816 Total	413,445.60		393.1009 (5) (a) (b)	A,B,C,I
20901050371	003817	5,719.20	Service/Yard Line Replacement (SLRP): Contract Crew. Modified Block by Block - Planned replacement of unprotected steel or copper (Lee's Summit - East Region)		
	003817 Total	5,719.20		393.1009 (5) (a) (b)	A,B,C,I
20401050372	003818	152,025.89	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Kansas City - Central Region)		
20401050372	003818	28,628.69	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Kansas City - Central Region)		
20401050372	003818	18,288.69	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Kansas City - Central Region)		
20401050372	003818	21,637.92	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Kansas City - Central Region)		
	003818 Total	220,581.19		393.1009 (5) (a) (b)	A,B,C,I
20801050372	003819	5,005.29	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Monett - South Region)		
	003819 Total	5,005.29		393.1009 (5) (a) (b)	A,B,C,I
20801050361	003823	26,370.98	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Monett - South Region)		
20801050361	003823	7,587.08	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Monett - South Region)		
20801050361	003823	25,805.41	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Monett - South Region)		
20801050361	003823	11,747.82	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Monett - South Region)		
	003823 Total	71,511.29		393.1009 (5) (a) (b)	A,B,C,I
20901050363	003825	3,649.84	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Monett - South Region)		
20901050363	003825	10,750.98	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Monett - South Region)		
20901050363	003825	3,556.67	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Monett - South Region)		
20901050363	003825	2,193.10	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Monett - South Region)		
	003825 Total	20,150.59		393.1009 (5) (a) (b)	A,B,C,I

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20401050367	003826	(596.15)	Service/Yard Line Replacement (SLRP): Company Crew. Service/yard line replacement - Material Charges Only (Kansas City - Central Region)		
	003826 Total	(596.15)		393.1009 (5) (a) (b)	A,B,C,I
20910132661	003829	0.32	Approved by: Ralph Janes on 05/01/2013, Replace and abandon 337' of 2" PE. The existing main was isolated and cut off the rectifier by the installation of PE main on WO# 13-2654. (ISRS).		
	003829 Total	0.32		393.1009 (5) (a) (b)	A,B,C
20928132664	003833	(39.90)	Approved by: Ralph Janes on 05/01/2013, Public Improvement Project. Relocate and abandon 660' of 2in PCS (WO# 61-1513) with 660' of 2in PE. The city is improving Wells Street by widening, replacing sanitary sewer and water mains, and installing sidewalk. Our existing main is under the pavement. Relocate to the ROW line (under proposed sidewalk) to prevent costly excavations in the new street. Price per ft = \$37.58 (ISRS)		
	003833 Total	(39.90)		393.1009 (5) (C)	
20401132322	003838	(10,120.82)	Approved by: Rob Hack on 04/02/2013, (ISRS) Replace 8,000 feet of 16in Steel with 20in Steel due to the gas main break at 107th and Blue Ridge Blvd. Replacement by order of Missouri Public Service Commission. This is Phase II that went out for bid in 2012. DRS #258 will be relocated on work order #13-2512. Price per foot...\$423.54. Changed ovhd code to No 11-10-14 - AMM		
20401132322	003838	(961.99)	Approved by: Rob Hack on 04/02/2013, (ISRS) Replace 8,000 feet of 16in Steel with 20in Steel due to the gas main break at 107th and Blue Ridge Blvd. Replacement by order of Missouri Public Service Commission. This is Phase II that went out for bid in 2012. DRS #258 will be relocated on work order #13-2512. Price per foot...\$423.54. Changed ovhd code to No 11-10-14 - AMM		
20401132322	003838	132.91	Approved by: Rob Hack on 04/02/2013, (ISRS) Replace 8,000 feet of 16in Steel with 20in Steel due to the gas main break at 107th and Blue Ridge Blvd. Replacement by order of Missouri Public Service Commission. This is Phase II that went out for bid in 2012. DRS #258 will be relocated on work order #13-2512. Price per foot...\$423.54. Changed ovhd code to No 11-10-14 - AMM		
	003838 Total	(10,949.90)		393.1009 (5) (a) (b)	A,B
20909132747	003839	(30.63)	Approved by: Ralph Janes on 06/20/2013, Main to abandon: 800' of 4in PBS original work order unknown. Replace with 825' of 2in PE on wo# 13-2747. We have fixed several leaks on this section of main and have just been called there again for a leak which is under brand new pavement. Pressure system is C-001 with a MOP and MAOP = 1 psig.		
	003839 Total	(30.63)		393.1009 (5) (a) (b)	A,B,C
20501132517	003844	(170.70)	Approved by: Steve Holcomb on 04/03/2013, Abandon 1453' - 3in PBS (WO#'s: A7223, 50015, A9798) to clear one (1) active #3 leak (Leak No. 08-0213) due 10/14/2013. Replace with 1825' - 4in PE. This work will uprate 33rd St and Plaza Dr to the C-1 58psig system and create a new loop in this system. The systems will be split at 33rd and Old Main St. A temporary valve station will be installed to complete the uprate procedure with and then replaced with 4in PE. Project Location: 33rd St and Indiana; Old Pressure System: C-3; New Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; ISRS \$48.52/ft		
	003844 Total	(170.70)		393.1009 (5) (a) (b)	A,B,C

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20901132505	003845	(586.59)	Approved by: Ralph Janes on 04/09/2013, Rebuild DRS 55 on WO# 13-2504. The station will be relocated from the landscaping for the entrance of Woodstock Dr to a location North of the existing setting but within the West ROW of Fairview Road. The town code and sector of DRS 55 will change from 09-01-Sector 3608 to 02-01-Sector 1715 with the new location. The existing inlet and outlet piping (wo# 873264) will be cut, capped, and replace with new I/O piping on wo# 13-2505. Reuse Essential valve #55 on the Inlet side, but replace Essential valve #55 on the outlet side. The inlet system C-225 has a MOP = 125 psig and a MAOP = 245 psig. The outlet system C-013 has a MOP and MAOP of 25psig.	393.1009 (5) (a) (b)	A,B
	003845 Total	(586.59)			
20806132677	003846	(269.26)	Approved by: Galen Shoemaker on 05/20/2013, Abandon 70' - 2in PBS (WO#'s: B1483, J08767A), 66' - 4in PBS (WO#'s: B1483, A8023A) and 8' - 4in PCS (WO#: 62-3279) and replace with 135' - 4in Thinfilm and 5' - 2in Thinfilm to remove two dresser couplings and two existing valves that are creating cathodic protection issues with the rectifier. Project Location: South St and Neosho Blvd; Pressure System: C-1; MOP: 42 psig; MAOP: 42 psig; Design: 58 psig; Test: 100 psig; ISRS \$156.86/ft	393.1009 (5) (a) (b)	A,B,C
	003846 Total	(269.26)			
20806132655	003848	(131.71)	Approved by: Randy Spector on 04/29/2013, This work order is necessary to install ten (10) 4in X 80in graphite anodes and an Universal 80Volt 40 Amp Rectifier in the same location. All installation will be performed by company crews except a contractor will drill the holes for anodes. Electrical work will be coordinated with Joplin Electric. This installation will begin approximately 680 feet north of Kenney Lane, between Fawn Street and Deer Run along the west right of way on Peterson Road. Basically this rectifier will protected most of the main on the west side of 71 Highway in Nesoho that the existing rectifier on the east side of 71 Highway cannot reach. Environmental Group has approved this installation site.	393.1009 (5) (a), (b)	A, B, E
	003848 Total	(131.71)			
20201132800	003859	(1,334.18)	Approved by: Ralph Janes on 07/29/2013, Replace and abandon " and " PBS (1579' total) on 35th St between 40 Hwy and Denton with 1220' - " PE. This will clear one active #3 leak (sector 1303 #2009-48). The main from 40 Hwy to the east side of Peek is on the C-500 pressure system (MOP = 30 psig; MAOP = 44 psig) and the rest of the main is on a dead end feed of the C-001 pressure system (MOP = 1.38 psig; MAOP = 1.5 psig) from DRS 67 at 35th and Arlington. The new " PE will all be on the C-500 system, allowing us to abandon the dead end portion of the C-001 pressure system at the outlet of DRS 67. Main to abandon: 360' - " PBS (WO# 4532); 460' - " PBS (WO# 4532); 102' - " PBS (WO# 10110); 245' - " PBS (WO# 13640); 258' - " PBS (WO# 14635); 28' - " PBS (WO# 46870); 42' - " PCS (WO# 74-1683); 84' - " PBS (WO# 16924); 5' - " PCS (WO# 59827). (ISRS) Price per ft = \$33.51	393.1009 (5) (a) (b)	A,B,C
	003859 Total	(1,334.18)			
21001132830	003861	(317.52)	Approved by: Gary Williams on 11/15/2013, REPLACING 377'-4in BARE STEEL MAIN (WO#512) WITH 377'-4in PE (WO#13-2830).PRESSURE SYSTEM C-01.	393.1009 (5) (a) (b)	A,B,C
	003861 Total	(317.52)			

Missouri Gas Energy - MGE

ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20902143310	003866	(3,718.06)	Approved by: Steve Lindsey on 02/24/2014, Replace and abandon 349' - 3" pbs main(A1186), 326' - 3" pbs main (28363), 110' - 3" pbs main (A1435), 311' - 4" pbs main (A1633), 104' - 4" pbs main (38855), 1,171' - 4" pcs main (B1443A), 320' - 4" pcs main (B2190A), 100' - 4" pcs main (57745), 30' - 2" pcs main (B1443B), 15' - 2" pcs main (B2190B) and 65' - 2" pcs main (613404). The City is replacing their old sanitary sewer line which lies under the street and then will rebuild the street. Replacement of this old main with plastic should prevent us from the need to cut the new street in the future and will clear 2 active leaks. (ISRS)	393.1009 (5) (C)	
	003866 Total	(3,718.06)			
20401133186	003869	(2,154.05)	Approved by: Gary Williams on 01/15/2014, AOR. Replace 8in and 6in CI with 60'-6in PE due to angle of repose. Coupling was exposed 9' ECL Brooklyn and 25' NCL Linwood. Replace cross at intersection due to lack of space to bag off 6" CI on Brooklyn. This job must be completed by March 5, 2014. Retire 20'-8in CI, BK10P36; 40'-6in CI, BK10P40.	393.1009 (5) (a) (b)	A,B,C,D,I
	003869 Total	(2,154.05)			
20201132920	003871	(515.72)	Approved by: Ralph Janes on 09/03/2013, Main to Abandon: 620' of 4in PBS, year 1926,work order 149. Replace with 640' of 4in PE on wo# 13-2920. This section of bare steel main has a history of leakage with several leak clamps installed. ISRS	393.1009 (5) (a) (b)	A,B,C
	003871 Total	(515.72)			
20902133172	003874	800,090.36	Approved by: Steve Lindsey on 12/09/2013, This sector is the 4th highest on the Eastern Division Risk Assessment for the FY 2014 Accelerated Main Replacement Program. Gregory Heights is one of the few "rear easement" main installations in the Eastern Region. There are 13 active main leaks. 92 main leaks have been repaired/cleared since the advent of LDS. Getting men and equipment in the back yards with fences to repair leaks is difficult at best. We are not able to utilize the leak survey truck in this neighborhood and must survey all mains and services on foot through back yards with fences and dogs.		
20902133172	003874	4,971.35	Approved by: Steve Lindsey on 12/09/2013, This sector is the 4th highest on the Eastern Division Risk Assessment for the FY 2014 Accelerated Main Replacement Program. Gregory Heights is one of the few "rear easement" main installations in the Eastern Region. There are 13 active main leaks. 92 main leaks have been repaired/cleared since the advent of LDS. Getting men and equipment in the back yards with fences to repair leaks is difficult at best. We are not able to utilize the leak survey truck in this neighborhood and must survey all mains and services on foot through back yards with fences and dogs.	393.1009 (5) (a) (b)	A,B,C
	003874 Total	805,061.71			
21274132678	003876	(860.78)	Approved by: Gary Williams on 10/15/2013, To relocate 625'-3in gas main due to drainage improvements by the city of Gladstone. 682'-4in PE (WO 13-2678) will be used to replace the 3in PCS. (Original work orders - 80' 66-2514 / 200' 66-4278 / 120' 66-0042 / 115' 68-6171 / 110' 66-3670).		
21274132678	003876	19,553.21	Approved by: Gary Williams on 10/15/2013, To relocate 625'-3in gas main due to drainage improvements by the city of Gladstone. 682'-4in PE (WO 13-2678) will be used to replace the 3in PCS. (Original work orders - 80' 66-2514 / 200' 66-4278 / 120' 66-0042 / 115' 68-6171 / 110' 66-3670).	393.1009 (5) (C)	
	003876 Total	18,692.43			
20501133145	003878	(31.85)	Approved by: Ken Thomas on 11/15/2013, Relocate 90' - 2" PE (WO#'s: 91-2639, 12-1173) due to City of Joplin needing to cut an additional 40" for road widening due to poor soils. New PE will be bored across Schifferdecker 8' deep. Project Location: 9th and Schifferdecker; Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; ISRS \$71.80/ft		

Missouri Gas Energy - MGE

ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
	003878 Total	(31.85)		393.1009 (5) (C)	
20813133153	003879	(469.08)	Approved by: Ken Thomas on 11/15/2013, Abandon 890' - 2' PBS (WO#: A8605) and replace with 890' - 2" PE due to history of leakage. Project Location: McHenry and Main; Pressure System: S-1; MOP: 20 psig; MAOP: 20 psig; Design: 58 psig; Test: 100 psig; ISRS \$24.58/ft		
	003879 Total	(469.08)		393.1009 (5) (a) (b)	A,B,C
21261143281	003885	(217.66)	Approved by: Kevin Driskell on 01/23/2014, Lay 40'-4in thin film for DRS #758 (WO 14-3282).		
	003885 Total	(217.66)		393.1009 (5) (a) (b)	A,B
20318132937	003887	(286.59)	Approved by: Ralph Janes on 09/05/2013, Replace and abandon 150' - 2in pbs main yr 1950(A1563) and 135' - 2in pbs main (Unknown) by installing 310' - 4in pe main to clear a leak under US Route 50. 4in is being installed as this is one of only 3 main line crossings under Route 50 and recent growth has occurred on the south end of town. (ISRS)		
	003887 Total	(286.59)		393.1009 (5) (a) (b)	A,B,C
20830143409	003893	(54.00)	Approved by: Galen Shoemaker on 03/07/2014, WILL REPLACE EXISTING 441-57S OPERATOR AT NOEL TOWN BORDER WITH NEW 2" MOONEY AC 300# FG-120-100 REGULATOR & SERIES 20 FP-8 PRV PILOT. REGULAOR QUOTED BY DEROSSETT COMPANY QUOTE #02241403N. CONTACT NUMBER FOR DEROSSETT IS 913-728-2500. EXISTING REGULATOR WAS UNDER WATER DURING FLOODING CONDITIONS DURING THE SUMMER OF 2013 AND HAS BEEN REBUILT SEVERAL TIMES SINCE. REGULATOR SWING IS TOO GREAT AND NEEDS TO BE REPLACED. INLET SYSTEM MAOP=275PSIG MOP=275PSIG OUTLET SYSTEM 0830-S-3 MAOP=167PSIG MOP=90PSIG. WORK ORDER WILL RETIRE 2" ROCKWELL 441-57S FROM WO 96-2167		
	003893 Total	(54.00)		393.1009 (5) (a) (b)	A,B
20201133133	003903	(3,880.74)	Approved by: Steve Lindsey on 11/20/2013, This work order is being written as part of the accelerated main replacement program. The Liberty Lateral 8" bare steel main was installed in 1935 and purchased in the ground in 1964. It lays in a private easement that runs through a park between Cogan and Salisbury between 291 and 24 Hwy in Independence. It is exposed in a rock creek in this park and was hit recently by a brush hog. It was determined using Stoner Modeling that this N-S run is not required if we tie the 8" mains together via Salisbury from the Liberty Lateral and the 8" main on 24 Hwy. This will allow us to install 1,105' of 8" pcs main to retire/abandon 3,156' of 8" pbs main (wo 64-2362 - Liberty Lateral) While we are on Salisbury we plan to also replace and abandon: 920' - 4" pbs (wo A4865); 777' - 4" pbs (wo A4964A); 656' - 2" pbs (wo A5948); 20' - 4" pbs (wo A6049A); 88' - 4" pcs (wo A9641C); 30' - 2" pcs (wo 53076); 10' - 8" pcs (wo 61-0407); 10' - 2" pcs (wo 69-1335); 32' - 2" pcs (wo 73-4641); 784' - 4" pcs (wo 89-0579); 10' - 4" pcs (wo 92-5787); 21' - 4" pcs (wo 97-4604); 14' - 4" pcs (wo 97-4660); 15' - 4" pe (wo 08-3113); and 5' - 2" pe (wo 12-1407). Price per ft = \$74.33 (ISRS)		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20201133133	003903	(865.45)	Approved by: Steve Lindsey on 11/20/2013, This work order is being written as part of the accelerated main replacement program. The Liberty Lateral 8" bare steel main was installed in 1935 and purchased in the ground in 1964. It lays in a private easement that runs through a park between Cogan and Salisbury between 291 and 24 Hwy in Independence. It is exposed in a rock creek in this park and was hit recently by a brush hog. It was determined using Stoner Modeling that this N-S run is not required if we tie the 8" mains together via Salisbury from the Liberty Lateral and the 8" main on 24 Hwy. This will allow us to install 1,105' of 8" pcs main to retire/abandon 3,156' of 8" pbs main (wo 64-2362 - Liberty Lateral) While we are on Salisbury we plan to also replace and abandon: 920' - 4" pbs (wo A4865); 777' - 4" pbs (wo A4964A); 656' - 2" pbs (wo A5948); 20' - 4" pbs (wo A6049A); 88' - 4" pcs (wo A9641C); 30' - 2" pcs (wo 53076); 10' - 8" pcs (wo 61-0407); 10' - 2" pcs (wo 69-1335); 32' - 2" pcs (wo 73-4641); 784' - 4" pcs (wo 89-0579); 10' - 4" pcs (wo 92-5787); 21' - 4" pcs (wo 97-4604); 14' - 4" pcs (wo 97-4660); 15' - 4" pe (wo 08-3113); and 5' - 2" pe (wo 12-1407). Price per ft = \$74.33 (ISRS)	393.1009 (5) (a) (b)	A,B,C
	003903 Total	(4,746.19)			
20812132959	003904	10.59	Approved by: Galen Shoemaker on 09/10/2013, Replace 1033' - 4in PE main (WO#: 12-1854) due to unqualified personell making fuses. Infrasource will pay for all material, time and equipment due to this work as they go along. Project Location: Farm Rd 170 and Kerr; Pressure System: S-2311; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig;	393.1009 (5) (a) (b)	A,B
	003904 Total	10.59			
20813132958	003905	28.45	Approved by Galen Shoemaker 9/10/2013. Manually work order set up due to woes is being changed over.	393.1009 (5) (a) (b)	A,B
	003905 Total	28.45			
20501143427	003906	(243.49)	Approved by: Galen Shoemaker on 03/14/2014, Retire 355' of 4" PBS, 250' of 2" PBS, and 51' of 4" PE main and remove loop in system due to public improvements. The loop will be replaced in the system a block east by installing 235' of 4" PE. Project Location: School Ave between Jasper St and 4th St as well as Michigan Ave between Jasper St and 4th St. System: C-2. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$65.54. (ISRS)	393.1009 (5) (C)	
	003906 Total	(243.49)			
20601132986	003910	(1,163.68)	Approved by: Galen Shoemaker on 09/30/2013, Relocate main due to existing bridge that main hangs on being replaced. Will bore new 225' - 6in Powercrete Coated Steel casing under creek. Expect 100% rock bore. Abandon 62' - 2' PBS (WO#:NONE), 223' - 2in PCS (WO#: 61-0913), and 20' - 2in PE (WO#: 09-5580) and replace with 365' - 2in PE, 225' inserted in 6in casing due to rock and to allow for increased capability in the future. Project Location: 13th and Buena Vista; Pressure System: C-4; MOP: 10 psig; MAOP 10.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$84.61/ft	393.1009 (5) (C)	
	003910 Total	(1,163.68)			
21207133243	003914	(23.18)	Approved by: Kevin Driskell on 01/03/2014, LAY 26'-4" TF STEEL DUE TO EXISTING GAS MAIN EXPOSED ON HILL. ABANDONED 18FT-4" PCS(B1476A).	393.1009 (5) (a) (b)	A,B
	003914 Total	(23.18)			

Missouri Gas Energy - MGE

ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20201133170	003921	(2,735.91)	Approved by: Steve Lindsey on 01/07/2014, This residential neighborhood is entirely bare steel, mostly 22 ounce pressure system, partially 30 psig pressure system and is all fed from plastic main on Chrysler. A public improvement project (Work Order 13-3218) just to the south will relocate bare steel with plastic and begin the process of utilizing the 30 psig system and eliminating district regulator stations as we go. The City plans to replace and enlarge one curb inlet on 26th Street in conjunction with the PI Project on work order 13-3218. While men and equipment are in this section of town the systematic replacement of low pressure bare steel main will continue to the north for the Accelerated Main Replacement Program. Install 5,440' - 2" pe main to replace and abandon 3,936' - 2" pbs main (6151A), 920' - 2" pbs main (17536), 228' - 2" pbs main (17104), 260' - 2" pbs main (31199), 13' - 2" pcs main (727106), 27' - 2" pcs main (E323635) 383' - 4" pe main (058381) and 40' - 2" pe main (058381) Cost per foot = \$32.40. (ISRS)		
20201133170	003921	(151,959.22)	Approved by: Steve Lindsey on 01/07/2014, This residential neighborhood is entirely bare steel, mostly 22 ounce pressure system, partially 30 psig pressure system and is all fed from plastic main on Chrysler. A public improvement project (Work Order 13-3218) just to the south will relocate bare steel with plastic and begin the process of utilizing the 30 psig system and eliminating district regulator stations as we go. The City plans to replace and enlarge one curb inlet on 26th Street in conjunction with the PI Project on work order 13-3218. While men and equipment are in this section of town the systematic replacement of low pressure bare steel main will continue to the north for the Accelerated Main Replacement Program. Install 5,440' - 2" pe main to replace and abandon 3,936' - 2" pbs main (6151A), 920' - 2" pbs main (17536), 228' - 2" pbs main (17104), 260' - 2" pbs main (31199), 13' - 2" pcs main (727106), 27' - 2" pcs main (E323635) 383' - 4" pe main (058381) and 40' - 2" pe main (058381) Cost per foot = \$32.40. (ISRS)		
20201133170	003921	151,959.22	Approved by: Steve Lindsey on 01/07/2014, This residential neighborhood is entirely bare steel, mostly 22 ounce pressure system, partially 30 psig pressure system and is all fed from plastic main on Chrysler. A public improvement project (Work Order 13-3218) just to the south will relocate bare steel with plastic and begin the process of utilizing the 30 psig system and eliminating district regulator stations as we go. The City plans to replace and enlarge one curb inlet on 26th Street in conjunction with the PI Project on work order 13-3218. While men and equipment are in this section of town the systematic replacement of low pressure bare steel main will continue to the north for the Accelerated Main Replacement Program. Install 5,440' - 2" pe main to replace and abandon 3,936' - 2" pbs main (6151A), 920' - 2" pbs main (17536), 228' - 2" pbs main (17104), 260' - 2" pbs main (31199), 13' - 2" pcs main (727106), 27' - 2" pcs main (E323635) 383' - 4" pe main (058381) and 40' - 2" pe main (058381) Cost per foot = \$32.40. (ISRS)		
	003921 Total	(2,735.91)		393.1009 (5) (a) (b)	A,B,C
20401050309	003927	100.15	Line Locates - Service Line Replacements Only (Kansas City - Central Region)		
20401050309	003927	(2.78)	Line Locates - Service Line Replacements Only (Kansas City - Central Region)		
20401050309	003927	(8.64)	Line Locates - Service Line Replacements Only (Kansas City - Central Region)		
	003927 Total	88.73		393.1009 (5) (a) (b)	A,B,C,I
20801050360	003929	4,610.79	Service/Yard Line Replacement (SLRP): Company Crew. Immediate response - replacement single unprotected steel or copper (Monett - South Region)		
20801050360	003929	(444.19)	Service/Yard Line Replacement (SLRP): Company Crew. Immediate response - replacement single unprotected steel or copper (Monett - South Region)		
20801050360	003929	28.04	Service/Yard Line Replacement (SLRP): Company Crew. Immediate response - replacement single unprotected steel or copper (Monett - South Region)		
	003929 Total	4,194.64		393.1009 (5) (a) (b)	A,B,C,I

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

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20801050373	003930	1,343.76	Service/Yard Line Replacement (SLRP): Company Crew. Immediate response - replacement single unprotected steel or copper (Monett - South Region)		
20801050373	003930	2,397.15	Service/Yard Line Replacement (SLRP): Company Crew. Immediate response - replacement single unprotected steel or copper (Monett - South Region)		
20801050373	003930	(65.48)	Service/Yard Line Replacement (SLRP): Company Crew. Immediate response - replacement single unprotected steel or copper (Monett - South Region)		
20801050373	003930	(207.19)	Service/Yard Line Replacement (SLRP): Company Crew. Immediate response - replacement single unprotected steel or copper (Monett - South Region)		
	003930 Total	3,468.24		393.1009 (5) (a) (b)	A,B,C,I
20901050373	003931	34,137.56	Service/Yard Line Replacement (SLRP): Company Crew. Immediate response - replacement single unprotected steel or copper (Monett - South Region)		
20901050373	003931	26,051.41	Service/Yard Line Replacement (SLRP): Company Crew. Immediate response - replacement single unprotected steel or copper (Monett - South Region)		
20901050373	003931	12,942.18	Service/Yard Line Replacement (SLRP): Company Crew. Immediate response - replacement single unprotected steel or copper (Monett - South Region)		
20901050373	003931	24,376.35	Service/Yard Line Replacement (SLRP): Company Crew. Immediate response - replacement single unprotected steel or copper (Monett - South Region)		
	003931 Total	97,507.50		393.1009 (5) (a) (b)	A,B,C,I
20401050361	003932	103,697.26	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Kansas City - Central Region)		
20401050361	003932	64,057.60	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Kansas City - Central Region)		
20401050361	003932	8,450.75	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Kansas City - Central Region)		
20401050361	003932	23,427.60	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Kansas City - Central Region)		
	003932 Total	199,633.21		393.1009 (5) (a) (b)	A,B,C,I
20801050367	003935	(46.62)	Service/Yard Line Replacement (SLRP): Company Crew. Service/yard line replacement - Material Charges Only (Kansas City - Monett - South Region)		
	003935 Total	(46.62)		393.1009 (5) (a) (b)	A,B,C,I
20501050370	003937	(620.16)	Service/Yard Line Replacement (SLRP): Contract Crew. Immediate response - replacement single unprotected steel or copper (Joplin - South Region)		
	003937 Total	(620.16)		393.1009 (5) (a) (b)	A,B,C,I
20501132715	003957	(587.17)	Approved by: Steve Holcomb on 06/06/2013, Replace 3308' - 3in PBS (WO#: A7180) with 3310' - 4in PE pipe due to history of leakage. Project Location: Murphy Blvd and Main St; Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; ISRS \$29.97/ft		
	003957 Total	(587.17)		393.1009 (5) (a) (b)	A,B,C
20401050325	003969	120,417.26	Project Type:B		
20401050325	003969	70,665.90	Project Type:B		
20401050325	003969	63,472.43	Project Type:B		
20401050325	003969	30,904.42	Project Type:B		
	003969 Total	285,460.01		393.1009 (5) (a), (b)	A, B, C, I
20501050372	003972	6,250.26	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Joplin - South Region)		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20501050372	003972	(864.28)	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Joplin - South Region)		
20501050372	003972	18.05	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Joplin - South Region)		
	003972 Total	5,404.03		393.1009 (5) (a) (b)	A,B,C,I
20401050373	003974	34,733.84	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Joplin - South Region)		
20401050373	003974	8,169.02	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Joplin - South Region)		
20401050373	003974	7,279.43	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Joplin - South Region)		
20401050373	003974	23,241.21	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Joplin - South Region)		
	003974 Total	73,423.50		393.1009 (5) (a) (b)	A,B,C,I
20501050361	003975	16,732.50	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Joplin - South Region)		
20501050361	003975	955.76	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Joplin - South Region)		
20501050361	003975	(783.88)	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Joplin - South Region)		
20501050361	003975	148.91	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Joplin - South Region)		
	003975 Total	17,053.29		393.1009 (5) (a) (b)	A,B,C,I
20901050361	003976	46,346.59	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Lee's Summit - East Region)		
20901050361	003976	7,523.71	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Lee's Summit - East Region)		
20901050361	003976	(3,450.23)	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Lee's Summit - East Region)		
20901050361	003976	4,761.86	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Lee's Summit - East Region)		
	003976 Total	55,181.93		393.1009 (5) (a) (b)	A,B,C,I
20801050363	003980	(4.02)	Service/Yard Line Replacement (SLRP): Company Crew. Modified Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Lee's Summit - East Region)		
	003980 Total	(4.02)		393.1009 (5) (a) (b)	A,B,C,I
20401132526	003988	34.52	Approved by: Kevin Driskell on 04/08/2013, Relocate 50' of 2in PE due to public improvement, grade cuts will put existing gas main at 15in deep. Install 1-1/4in bypass for service to UMB Bank. Retire 10'-2in CS, 1992 wo 92-6977; 40'-2in PE 2009 wo 09-6139.		
	003988 Total	34.52		393.1009 (5) (C)	

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20301132519	003991	16.51	Approved by: Steve Holcomb on 04/05/2013, Main to abandon: 70' of 4in PE from wo# 985718, 57' of 2in PCS from wo# 676388, 86' of 2in PCS from wo# none, 50' of 2in PCS from wo# 681971, 62' of 2in PE from wo# 761355, 781' of 6in BS from wo# none, 80' of 2in PE from wo# 013084, 25' of 4in PCS and 49' of 2in PCS from wo# 871543, and 1234' of 2in BS from wo# none. Replace with 245' of 2in PE and 1500' of 4in PE on wo# 13-2519. The main on Ming Street has a history of leakage and has bare steel main on both sides of the street. The 6in main is no longer needed since the DRS feeding this area was relocated when the new police station was built. (ISRS)		
	003991 Total	16.51		393.1009 (5) (a) (b)	A,B,C
20910121696	003998	5.08	Approved by: Ralph Janes on 10/12/2012, Replace DRS 13 on Olive St. just North of the Railroad tracks due to obsolete threaded monitor regulator. Reuse existing operator regulator (2in Rockwell 441-57S from wo# 84-1020). Replace existing monitor regulator (threaded 2in Rockwell 44S from wo# A1916E to be junked) with a 2in flanged 441-57S ANSI 125. The new operating 441-57S needs a brown spring (25-55 psig) and a 1-1/2in reduced valve. Also, replace bypass piping between the valves. Fisher 289H relief valve to be reused. Inlet system: Southern Star MOP = 80 psig & MAOP = 95 psig. Outlet system S-013 MOP and MAOP = 30 psig.		
	003998 Total	5.08		393.1009 (5) (a) (b)	A,B
20401132311	004000	(9,517.91)	Rob Hack approved through email due to being out of town and copy of email attached with work order in file. Approved 7/30/2013. Official approval in WOES 8/5/2013		
	004000 Total	(9,517.91)		393.1009 (5) (a) (b)	A,B,G
20909117602	004005	(0.82)	Approved by: Ken Thomas on 07/25/2013, Main to abandon: 60' of 2in PCS from wo# 790628, 915' of 2in PBS from wo# BD140, 10' of 1-1/4in PE from wo# 118028, 70' 2in PBS from wo# A2787, 387' of 2in PBS 22789, and 65' of 2in PCS from wo# 632696. Replace with 1460' of 4in PE, 70' of 2in PE, and 10' of 1-1/4in PE main on WO# 13-2791. Bare steel main is being replaced due to leakage.		
20909132791	004005	(735.35)	Approved by: Ken Thomas on 07/25/2013, Main to abandon: 60' of 2in PCS from wo# 790628, 915' of 2in PBS from wo# BD140, 10' of 1-1/4in PE from wo# 118028, 70' 2in PBS from wo# A2787, 387' of 2in PBS 22789, and 65' of 2in PCS from wo# 632696. Replace with 1460' of 4in PE, 70' of 2in PE, and 10' of 1-1/4in PE main on WO# 13-2791. Bare steel main is being replaced due to leakage.		
	004005 Total	(736.17)		393.1009 (5) (a) (b)	A,B,C
20401132805	004007	(226.18)	Approved by: Melvin Burns on 07/28/2013, Replace 70ft of 4in CI with 4in PE due to broken CI main. Bag off and Tie-in points should be in greenway to the east of the driveway of 1820 W 38th St. Tie-over 3 services. Cost per foot \$330.16		
	004007 Total	(226.18)		393.1009 (5) (a) (b)	A,B,C,D,I
20201132785	004024	(257.27)	Approved by: Ralph Janes on 07/09/2013, Tie together C-500 and C-013 by replacing 10' of 4in pcs main (wo# 641536) with 20' of 4in thin film after uprate of pressure system C-013 (MOP=MAOP = 5 psig) to pressure system C-500 (MOP=30 psig and MOAP=44 psig). DRS 159 will be removed and retired on wo# 13-2781.		
	004024 Total	(257.27)		393.1009 (5) (a) (b)	A,B,G
20201132786	004025	(264.56)	Approved by: Ralph Janes on 07/09/2013, Tie together C-500 and C-013 by replacing 10' of 6in pcs main (wo# B1745B) with 20' 6in thin film after uprate of pressure system C-013 (MOP=MAOP = 5 psig) to pressure system C-500 (MOP=30 psig and MOAP=44 psig). DRS 105 will be removed and retired on wo# 13-2782. DRS 105 is currently out of service due to a car colliding with the station.		
	004025 Total	(264.56)		393.1009 (5) (a) (b)	A,B,G

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20902132933	004027	(405.55)	Approved by: Ralph Janes on 09/05/2013, Main to abandon: 280' of 2in PBS from wo# JO 7390. Replace with 280' of 2in PE on WO# 13-2933. There have been several leaks in this area lately. We would like to dwindle down the BS in this area, replacing with plastic, and eventually tie the new PE mains to the 54# S-015 pressure system. ISRS		
	004027 Total	(405.55)		393.1009 (5) (a) (b)	A,B,C
20901132945	004028	3.00	Approved by: Ralph Janes on 09/05/2013, Public Improvement Project: Country Lane Storm. Install a 20' x 5' dogleg for a new storm inlet at Country Lane and Country Place. Install 30' of 2in PE and retire 20' of 3in PE (WO# 78-3836). ISRS		
	004028 Total	3.00		393.1009 (5) (C)	
20322133096	004031	0.82	Approved by: Ray Wilson on 10/23/2013, Main to abandon: 130' of 4in PBS not installed on a work order. Replace with 260' of 2in PE on WO# 13-3096. Insert new 2" PE where possible. We would like to replace the old 4" BS main before the Dollar General's brand new concrete entrance is installed. (ISRS) The service line and meter setting for Dollar General will be installed on a BWO.		
	004031 Total	0.82		393.1009 (5) (a) (b)	A,B,C
21001143357	004034	(319.74)	Approved by: Gary Williams on 03/03/2014, TO LAY 680FT-4PE MAIN TO REPLACE 666FT-4 BARE STEEL MAIN.Due to other leakage on pipe.Cost per foot:\$40.16 MOP:14oz MAOP: 21oz Design MAOP:14oz Test Pressure:100 PSIG.		
21001143357	004034	(30,089.42)	Approved by: Gary Williams on 03/03/2014, TO LAY 680FT-4PE MAIN TO REPLACE 666FT-4 BARE STEEL MAIN.Due to other leakage on pipe.Cost per foot:\$40.16 MOP:14oz MAOP: 21oz Design MAOP:14oz Test Pressure:100 PSIG.		
21001143357	004034	30,089.42	Approved by: Gary Williams on 03/03/2014, TO LAY 680FT-4PE MAIN TO REPLACE 666FT-4 BARE STEEL MAIN.Due to other leakage on pipe.Cost per foot:\$40.16 MOP:14oz MAOP: 21oz Design MAOP:14oz Test Pressure:100 PSIG.		
	004034 Total	(319.74)		393.1009 (5) (a) (b)	A,B,C
20401143311	004036	(955.41)	Approved by: Gary Williams on 03/05/2014, Relocation due to conflicts with Public Improvement (water main for Fire Suppression). Abandon 60' of 6" Thin Film (WO#A6591) install 60' of 6" Thin Film, abandon 466' of 2" Bare Steel install 450' of 2" PE. Contact Donnie Richards to set up site visit for new running line.		
20401143311	004036	(211.86)	Approved by: Gary Williams on 03/05/2014, Relocation due to conflicts with Public Improvement (water main for Fire Suppression). Abandon 60' of 6" Thin Film (WO#A6591) install 60' of 6" Thin Film, abandon 466' of 2" Bare Steel install 450' of 2" PE. Contact Donnie Richards to set up site visit for new running line.		
	004036 Total	(1,167.27)		393.1009 (5) (C)	
20940143315	004037	(53.52)	Approved by: Ralph Janes on 03/05/2014, Relocate and abandon 15' - 4" pe main (00-1895) by installing 30' - temporary 2" pe main and then 15' - 4" pe main to allow the rural water district to install a new water tower main and tap. (ISRS)		
20940143315	004037	(1,972.63)	Approved by: Ralph Janes on 03/05/2014, Relocate and abandon 15' - 4" pe main (00-1895) by installing 30' - temporary 2" pe main and then 15' - 4" pe main to allow the rural water district to install a new water tower main and tap. (ISRS)		
20940143315	004037	1,972.63	Approved by: Ralph Janes on 03/05/2014, Relocate and abandon 15' - 4" pe main (00-1895) by installing 30' - temporary 2" pe main and then 15' - 4" pe main to allow the rural water district to install a new water tower main and tap. (ISRS)		
	004037 Total	(53.52)		393.1009 (5) (C)	

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20401133116	004038	(3,433.06)	Approved by: Steve Lindsey on 11/18/2013, (ISRS) Relocate 4in PCS for public improvement project. Public improvement project involves new road, storm sewer boxes, and water line. This project cannot start till after Jan. 15th 2014. Contact Chris Collins 2 weeks prior to start of work to schedule staking. Install 2,884 ft of 4" PE, 167 ft of 6" PE, and 50 ft 4" thin film. RETIRE 167'-6IN CS, WO 71-5778, YEAR 1971; 20'-4IN CS, WO 89-6994, YEAR 1981; 430'-4IN CS, WO 67-7097, YEAR 1967; 2,072'-4IN CS, WO 67-5140, YEAR 1967; 300'-4IN PE, WO 04-6687, YEAR 2004. MOP=35#, MAOP=35#. TIE-OVER 8 SERVICES. REPLACE 1 SERVICE. COST PER FOOT \$36.00		
	004038 Total	(3,433.06)		393.1009 (5) (C)	
20601133126	004040	258,234.64	Approved by: Steve Lindsey on 11/20/2013, Abandon 2561' - 8" PBS (WO#: NONE) and 60' - 8' PCS (WO#: 73-2609) and replace with 250' - 2" PE, 15' - 4" PE, 2620' - 8" PE in order to clear 1 - #3 Leak (Leak No. 12-0086), replace large section of bare steel with history of leakage, and loop C-1 pressure system. Project Location: Airport and Hazel; Pressure System: C-1; MOP: 50 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; ISRS \$65.85/ft		
	004040 Total	258,234.64		393.1009 (5) (a) (b)	A,B,C
20401133219	004041	(258.58)	Approved by: Kevin Driskell on 12/16/2013, ISRS. To replace 18' of 1.5" CU main in front of 7408 109th Terr with 25' of 2" TF steel. Main is on the C-250 KCLS pressure system with a MOP=30psig and MAOP=36psig. Please see attached sheet for size, length, and work order numbers of main to be retired.		
	004041 Total	(258.58)		393.1009 (5) (a) (b)	A,B,C
20201132794	004042	(309.68)	Approved by: Ralph Janes on 07/09/2013, Replace and abandon 1530' of 4in PBS (WO# 60) with 1165' - 2in PE. The existing main has two active leaks and a history of leakage. It is on the dead end of the C-001 pressure system. We will tie onto the C-500 pressure system for the replacement main. (ISRS) Price per ft = \$42.88		
	004042 Total	(309.68)		393.1009 (5) (a) (b)	A,B,C
20513133102	004044	(79.17)	Approved by: Galen Shoemaker on 10/28/2013, Abandon 178' of 2in PCS (WO# 695908) due to cathodic protection issues with isolated coated steel and replace with 180' of 2in PE. Project Location: Main St N of Hillcrest Rd. Pressure System: S-1. MOP: 1.75 PSIG. MAOP: 1.75 PSIG. Design: 66 PSIG. Test: 100 PSIG. Price Per Foot: \$40.05.		
	004044 Total	(79.17)		393.1009 (5) (a) (b)	A,B
20401133168	004056	(1,027.91)	Approved by: Gary Williams on 11/25/2013, ISRS. This work is necessary to remove existing copper main. To replace 55' of 1.5" copper (WO#67-1018), 218' of 4" PBS (WO# 2691) and 372' of 2" PBS (WO# 3610). Main is on the C-175KCLS pressure system with a MOP=50psig and MAOP=58psig. There will 9 service tie overs and 1 steel replacement charged to BWO.		
	004056 Total	(1,027.91)		393.1009 (5) (a) (b)	A,B,C
20401133185	004062	(683.05)	Approved by: Kevin Driskell on 12/16/2013, AOR. Replace 35' of 4in CI with PE main. CI is in angle of repose due to 12' of parallel excavation next to main. This project must be completed by Feb 16, 2014. AOR happened 119' SCSB of 45th Street. Tie-over 1 service at 4505 Agnes.		
	004062 Total	(683.05)		393.1009 (5) (a) (b)	A,B,C,D,I
20501133125	004064	48,840.31	Approved by: Galen Shoemaker on 10/30/2013, Abandon 10' - 2" PBS (WO#: NONE) and 40' - 3" PBS (WO#: NONE)and replace with 55' - 4" Thinfilm in order to replace bare steel inlet, outlet, and control line piping and install remote inlet and outlet valves to DRS 01-82-C. Work to be completed in conjunction with WO#: 13-3062. Project Location: Wisconsin Ave and Montana Pl; Inlet Pressure System: C-1; MOP: 58 psig; MOAP: 58 psig; Design: 58 psig; Test: 100 psig; Outlet Pressure System: C-3; MOP: 8.00 psig; MAOP: 8.50 psig; Design: 58 psig; Test: 100 psig; ISRS		
	004064 Total	48,840.31		393.1009 (5) (a) (b)	A,B,C

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20901143388	004070	(52.25)	Approved by: Ralph Janes on 03/14/2014, Public Improvement Project: City of LS Pacific Drive Culvert Replacement. Bid# 79801-21C. Temporarily cut and cap 4" PE main to allow city contractor to remove existing RCB and replace with triple 10'x8' RCB. After new structure is installed we will reconnect the 4" PE main above the RCB with 60' - 4" PE. Abandon 60' - 4" PE (WO# 96-3197). (ISRS)		
20901143388	004070	-	Approved by: Ralph Janes on 03/14/2014, Public Improvement Project: City of LS Pacific Drive Culvert Replacement. Bid# 79801-21C. Temporarily cut and cap 4" PE main to allow city contractor to remove existing RCB and replace with triple 10'x8' RCB. After new structure is installed we will reconnect the 4" PE main above the RCB with 60' - 4" PE. Abandon 60' - 4" PE (WO# 96-3197). (ISRS)		
	004070 Total	(52.25)		393.1009 (5) (C)	
21001143358	004071	(195.22)	Approved by: Gary Williams on 03/14/2014, TO lay 288FT-2IN PE main to replace 288FT-2IN PBS (WO#35207) due to down project.		
21001143358	004071	-	Approved by: Gary Williams on 03/14/2014, TO lay 288FT-2IN PE main to replace 288FT-2IN PBS (WO#35207) due to down project.		
	004071 Total	(195.22)		393.1009 (5) (a) (b)	A,B,C
20501133207	004081	40,780.90	Approved by: Galen Shoemaker on 01/09/2014, Replace 157' of 4" PCS, 429' of 3" PCS, 310' of 2" PBS, 10' of 4" PE, 3' of 2" PE, and 4' of 3" PE with 590' of 4" PE and 310' of 2" PE due to corrosion and PCS isolation issues. Project Location: 15th St. between Indiana & Iowa Ave, Ohio Ave N of 15th St. Pressure System: C-2. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$52.05.		
20501133207	004081	(104.47)	Approved by: Galen Shoemaker on 01/09/2014, Replace 157' of 4" PCS, 429' of 3" PCS, 310' of 2" PBS, 10' of 4" PE, 3' of 2" PE, and 4' of 3" PE with 590' of 4" PE and 310' of 2" PE due to corrosion and PCS isolation issues. Project Location: 15th St. between Indiana & Iowa Ave, Ohio Ave N of 15th St. Pressure System: C-2. MOP: 1.5 PSIG. MAOP: 1.5 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$52.05.		
	004081 Total	40,676.43		393.1009 (5) (a) (b)	A,B,C
20810133054	004082	5.02	Approved by: Galen Shoemaker on 10/08/2013, To replace 5ft of 2in Plastic Main from WO 72-6600 with 2in Plastic to repair a third party damage on leak #13-133. Service was interrupted to five homes and there was loss of blowing gas. MOP=30# MAOP=30# SYSTEM=S-6 TEST=100#		
	004082 Total	5.02		393.1009 (5) (a) (b)	A,B
20401133187	004093	(417.76)	Approved by: Gary Williams on 01/14/2014, AOR. This job must be completed by March 11, 2014. Replace 4in CI with 140'-4in PE due to two angle of reposes. Bell joint exposed at 48' NNCB of 50th (4943 S Benton). Four feet also exposed 161' NCL 50th. Retire 140'-4in CI, WO BK31P123. Tie-over 3 services. Replace 3 services.		
	004093 Total	(417.76)		393.1009 (5) (a) (b)	A,B,C,D,I
20401133037	004096	(427.59)	Approved by: Kevin Driskell on 10/15/2013, AOR. This job must be completed by Dec 19, 2013. Replace 6" CI with 30' of 6in PE due to parallel excavation. Retire 30'-6in CI, WO A1585, year 1926.		
	004096 Total	(427.59)		393.1009 (5) (a) (b)	A,B,C,D,I

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20201133048	004097	(370.12)	Approved by: Randy Spector on 10/23/2013, This work order is necessary to replace the existing ground bed and rectifier originally installed on work order 77-2403. The ground bed is depleted to where there are several P/S readings below criteria. The new ground will have 10 3" X 60" anodes spaced at 15' intervals in a private easement acquired in 1977. No electrical work will be required. Anodes will be drilled in by contractor and MGE crews will complete installation. This rectifier is designed to protect the 20" PCS on Kentucky and going north to Missouri River on 291 Hwy and thence; south to 51st and Lees Summit & 51st Street.		
	004097 Total	(370.12)		393.1009 (5) (a), (b)	A, B, E
20806133205	004100	(118.82)	Approved by: Galen Shoemaker on 01/20/2014, Abandon 299' - 2" PBS (WO#'s: J04800, 20653) and replace with 300' - 2" PE to clear one CP and remove isolated bare steel. Project Location: Alley South of Hickory between Washington and Lafayette; Pressure System: C-1; MOP: 42 psig; MAOP: 42 psig; Design: 58 psig; Test: 100 psig; ISRS \$49.09/ft		
	004100 Total	(118.82)		393.1009 (5) (a) (b)	A,B,C
21271143343	004102	5.61	Approved by: Kevin Driskell on 02/28/2014, Replacement due to exposed 2" main caused by erosion. Lay 200'-2in PE and retire 307'-2in PE Retire 1973, 73-3024.		
	004102 Total	5.61		393.1009 (5) (a) (b)	A,B
21001143318	004103	(149.48)	Approved by: Gary Williams on 03/03/2014, To lay 414ft-4pe main to replace 414ft-bs main due to down project. Install 2" bypass before completing tie in. Cost per foot:\$49.16.ID:C-03 MOP:20oz MAOP:30oz Design MAOP:20oz Pressure Test:100 PSIG.		
	004103 Total	(149.48)		393.1009 (5) (a) (b)	A,B,C
20909132835	004113	(2,164.78)	Approved by: Steve Holcomb on 08/08/2013, Main to abandon: 1575' of 2in PBS not installed on a work order and 285' of 2in PCS from wo# 46667. Replace with 1905' of 2in PE on WO# 13-2835. Existing main is exposed in several locations along Oakland Street "Happy Hill" and there have been 10 leaks along Oakland Street 2 of which are still active.		
	004113 Total	(2,164.78)		393.1009 (5) (a) (b)	A,B,C
20201132625	004114	(1,152.29)	Approved by: Rob Hack on 06/24/2013, Rebuild DRS 122 on WO# 13-2660. The new DRS 122 will be rebuilt/relocated from the existing pit/shed to a Southwestern location still within our easement. The existing inlet and outlet piping will be replaced with new I/O piping on wo# 13-2625. Bridle valve settings will be constructed off of the 16" main on the inlet side of the new DRS 122 (C-100 MOP=125 psig and MAOP=155 psig) and off of our 8" main on the outlet side of the DRS 122 (C-500 MOP=30 psig and MAOP=44 psig). TD Williamson services include: provide fittings, tap, and stopple our 16" main at points 1 and 3. MGE must notify Union Pacific's Managers of Track and Signal Maintenance 10 days in advance of starting construction around the RR tracks. The existing DRS is in the basement in a building which has flooded in the past. The 16" main is exposed in the building and has numerous scabbed pits. Currently there are 2 regulator runs one of which is shut in. The inlet valve leaks on the shut in run and can not be repacked. A 6" regulator on the shut in run has begun to leak all around the diaphragm case and can not be repaired. We have seen an increase in leak calls and it is becoming more difficult to air the building out prior to entry. Replacing this section of 16" main with new bridle valves serving a new above ground DRS will allow us to get rid of the building and eliminate the leakage.		
	004114 Total	(1,152.29)		393.1009 (5) (a) (b)	A,B,C
21235132901	004119	(787.04)	Approved by: Rob Kitterman on 08/14/2013, Purchase Bulk Odorant storage tank for REX site. This tank is to store additional odorant for use in various divisions as needs arise. The unit is self contained for spill emergencies. Tank provided by Milton Roy,YZ Systems, Total Systems.		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
	004119 Total	(787.04)		393.1009 (5) (a) (b)	A,B
20501132979	004121	(1,802.78)	Approved by: Ken Thomas on 09/17/2013, Replace 510' - 6in PBS (WO#: A8634A) with 510' - 6in PE due to roadway improvements and shallow existing main. Project Location: 11th and Highview; Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; ISRS \$67.22/ft		
	004121 Total	(1,802.78)		393.1009 (5) (C)	
21204133050	004126	478.42	Approved by: Randy Spector on 11/08/2013, This work order is necessary to replace the existing ground bed and rectifier originally installed on work order 76-3803. The ground bed is depleted to where there are several P/S readings below criteria. The new ground will have 5 3" X 60" anodes spaced at 15' intervals in a private easement acquired previously. No electrical work will be required. All installation will be drilled in by contractor and MGE crews will perform balancing and adjustments. This rectifier is designed to protect approximately 5,234' of 2" PCS and 6,578' of 2" PBS main. Calculated current demand is 6.28 amps.		
21204133050	004126	940.85	Approved by: Randy Spector on 11/08/2013, This work order is necessary to replace the existing ground bed and rectifier originally installed on work order 76-3803. The ground bed is depleted to where there are several P/S readings below criteria. The new ground will have 5 3" X 60" anodes spaced at 15' intervals in a private easement acquired previously. No electrical work will be required. All installation will be drilled in by contractor and MGE crews will perform balancing and adjustments. This rectifier is designed to protect approximately 5,234' of 2" PCS and 6,578' of 2" PBS main. Calculated current demand is 6.28 amps.		
21204133050	004126	1,085.29	Approved by: Randy Spector on 11/08/2013, This work order is necessary to replace the existing ground bed and rectifier originally installed on work order 76-3803. The ground bed is depleted to where there are several P/S readings below criteria. The new ground will have 5 3" X 60" anodes spaced at 15' intervals in a private easement acquired previously. No electrical work will be required. All installation will be drilled in by contractor and MGE crews will perform balancing and adjustments. This rectifier is designed to protect approximately 5,234' of 2" PCS and 6,578' of 2" PBS main. Calculated current demand is 6.28 amps.		
21204133050	004126	5.46	Approved by: Randy Spector on 11/08/2013, This work order is necessary to replace the existing ground bed and rectifier originally installed on work order 76-3803. The ground bed is depleted to where there are several P/S readings below criteria. The new ground will have 5 3" X 60" anodes spaced at 15' intervals in a private easement acquired previously. No electrical work will be required. All installation will be drilled in by contractor and MGE crews will perform balancing and adjustments. This rectifier is designed to protect approximately 5,234' of 2" PCS and 6,578' of 2" PBS main. Calculated current demand is 6.28 amps.		
	004126 Total	2,510.02		393.1009 (5) (a), (b)	A, B, E
21207132931	004128	8.58	Approved by: Kevin Driskell on 09/18/2013, Installed welded yoke around leaking dresser and valve. 12' of 2in PCS was installed and 6' of 2in PCS was abandoned.		
	004128 Total	8.58		393.1009 (5) (a) (b)	A,B

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20201132807	004132	(1,349.00)	Approved by: Ken Thomas on 07/24/2013, Replace and abandon 4" PE with 1855' - 2" PE. The existing main has one active #3 leak (sector 1208 #1997-624) and a history of leakage. The existing main is fed from the C-001 pressure system at Osage and Gudgell and dead ends at Liberty. The new main will be tied onto the C-500 pressure system at Osage and Liberty. We will tie onto the existing 2" PE main on Rachel Ct laid in 2005 on WO# 05-8333, raising the pressure on this main/services to the C-500 pressure system. The main and all services on Rachel Ct have a recorded pressure test of 100 psig. All tie-overs are to have an EFV installed and all tie-overs and existing services on Rachel Ct are to have service regulators changed out for new pressure system. Main to abandon: 12' - 4" PE (WO# 02-3833); 381' - 4" PE (WO# 19094); 12' - 4" PE (WO# 06-0977); 172' - 4" PE (WO# 21698); 707' - 4" PE (WO# A1338); 518' - 4" PE (WO# 29860); 5' - 2" PE (WO# 05-8333); 140' - 4" PE (WO# A2775). (ISRS) Price per ft = \$35.95		
	004132 Total	(1,349.00)			
20401133040	004133	(2,239.55)	Approved by: Steve Holcomb on 10/07/2013, Rebuild DRS 356 due to complications arising during Hydro Test. Construct 1- 10" run utilizing existing regulators, and 1- 6" run for bypass.	393.1009 (5) (a) (b)	A,B,C
	004133 Total	(2,239.55)			
20812143354	004134	(2,592.57)	Approved by: Steve Holcomb on 02/18/2014, *MODOT Permit Required* Abandon 48' - 2" PBS (WO#: J013B), 1831' - 4" PBS (WO#'s: J013B, 52370), 59' - 2" PCS (WO#'s: 67-1880, 75-4141, 77-1965), 109' - 4" PCS (WO#: 75-4141), and 30' - 7/8" PE (WO#: 77-1606) and replace with 115' - 2" PE and 1895' - 4" PE due to City of Republic overlay program. Project Location: Main and Elm; Pressure System: C-1; MOP: 39.5 psig; MAOP: 39.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$49.63/ft		
20812143354	004134	2,800.39	Approved by: Steve Holcomb on 02/18/2014, *MODOT Permit Required* Abandon 48' - 2" PBS (WO#: J013B), 1831' - 4" PBS (WO#'s: J013B, 52370), 59' - 2" PCS (WO#'s: 67-1880, 75-4141, 77-1965), 109' - 4" PCS (WO#: 75-4141), and 30' - 7/8" PE (WO#: 77-1606) and replace with 115' - 2" PE and 1895' - 4" PE due to City of Republic overlay program. Project Location: Main and Elm; Pressure System: C-1; MOP: 39.5 psig; MAOP: 39.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$49.63/ft		
20812143354	004134	(76.47)	Approved by: Steve Holcomb on 02/18/2014, *MODOT Permit Required* Abandon 48' - 2" PBS (WO#: J013B), 1831' - 4" PBS (WO#'s: J013B, 52370), 59' - 2" PCS (WO#'s: 67-1880, 75-4141, 77-1965), 109' - 4" PCS (WO#: 75-4141), and 30' - 7/8" PE (WO#: 77-1606) and replace with 115' - 2" PE and 1895' - 4" PE due to City of Republic overlay program. Project Location: Main and Elm; Pressure System: C-1; MOP: 39.5 psig; MAOP: 39.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$49.63/ft		
20812143354	004134	(242.08)	Approved by: Steve Holcomb on 02/18/2014, *MODOT Permit Required* Abandon 48' - 2" PBS (WO#: J013B), 1831' - 4" PBS (WO#'s: J013B, 52370), 59' - 2" PCS (WO#'s: 67-1880, 75-4141, 77-1965), 109' - 4" PCS (WO#: 75-4141), and 30' - 7/8" PE (WO#: 77-1606) and replace with 115' - 2" PE and 1895' - 4" PE due to City of Republic overlay program. Project Location: Main and Elm; Pressure System: C-1; MOP: 39.5 psig; MAOP: 39.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$49.63/ft		
	004134 Total	(110.73)		393.1009 (5) (C)	
20401132872	004135	25.47	Approved by: Kevin Driskell on 08/23/2013, Replace 10' of 2in PBS, original JO A6962C, year 1956 with 10'-2in PCS due to #3 leak at 113th Ter and Jackson. Gate valve was removed.		
	004135 Total	25.47		393.1009 (5) (a) (b)	A,B,C

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20401132947	004141	3,575,265.61	<p>Approved by: Steve Lindsey on 11/26/2013, Public Improvement: Lee's Summit Road. We have a high pressure main on each side of Lee's Summit Road - 16" on the west and 8" on the east. Both are dated and in conflict with Jackson County's road improvement plans. We will replace both mains from Anderson to 40 Hwy with a single 20" main. We are purchasing the lot at 5105 LS Rd (on WO# 13-2520) in order to build new DRS 100 (on WO# 13-2618) to separate the Grain Valley lateral 12" (pressure system C-225: MOP = 125 psig, MAOP = 245 psig) from the C-100 pressure system (MOP = 125 psig, MAOP = 155 psig). Currently there is no regulator station at this location - just SCADA monitoring. We will also install underground piping with plans for a future pig receiver on this lot, as well as a bridle valve from the outlet of new DRS 100 to the new 20" main. Install 3690' - 20" thin film; 4570' - 20" thin film w/ powercrete; 10' - 16" thin film; 386' - 12" thin film; 5' - 8" thin film; 31' - 4" thin film; and 10' - 2" thin film. Abandon: 2' - 4" PCS (WO# 00-2933); 161' - 12" PCS (WO# 61-1515); 16' - 6" PCS (WO# 61-1575); 2' - 6" PCS (WO#67-0797); 6' - 8" PCS (WO# 67-0797); 32' - 12" PCS (WO# 67-0797); 14' - 16" PCS (WO# 67-0797); 641' - 8" PCS (WO# 77-3812); 90' - 6" PCS (WO# 84-0722); 125' - 8" PCS (WO# 84-0722); 900' - 16" PCS (WO# 84-1082); 5' - 2" PCS (WO# 85-3591); 578' - 16" PCS (WO# 87-5479); 4483' - 16" PCS (WO# A9397C); 1710' - 16" PCS (WO# A9403); 6870' - 8" PBS (WO# 64-2362, purchased in ground from Panhandle; AKA Liberty Lateral; AKA M2X472).</p>		
20401132947	004141	(1,179,275.00)	<p>Approved by: Steve Lindsey on 11/26/2013, Public Improvement: Lee's Summit Road. We have a high pressure main on each side of Lee's Summit Road - 16" on the west and 8" on the east. Both are dated and in conflict with Jackson County's road improvement plans. We will replace both mains from Anderson to 40 Hwy with a single 20" main. We are purchasing the lot at 5105 LS Rd (on WO# 13-2520) in order to build new DRS 100 (on WO# 13-2618) to separate the Grain Valley lateral 12" (pressure system C-225: MOP = 125 psig, MAOP = 245 psig) from the C-100 pressure system (MOP = 125 psig, MAOP = 155 psig). Currently there is no regulator station at this location - just SCADA monitoring. We will also install underground piping with plans for a future pig receiver on this lot, as well as a bridle valve from the outlet of new DRS 100 to the new 20" main. Install 3690' - 20" thin film; 4570' - 20" thin film w/ powercrete; 10' - 16" thin film; 386' - 12" thin film; 5' - 8" thin film; 31' - 4" thin film; and 10' - 2" thin film. Abandon: 2' - 4" PCS (WO# 00-2933); 161' - 12" PCS (WO# 61-1515); 16' - 6" PCS (WO# 61-1575); 2' - 6" PCS (WO#67-0797); 6' - 8" PCS (WO# 67-0797); 32' - 12" PCS (WO# 67-0797); 14' - 16" PCS (WO# 67-0797); 641' - 8" PCS (WO# 77-3812); 90' - 6" PCS (WO# 84-0722); 125' - 8" PCS (WO# 84-0722); 900' - 16" PCS (WO# 84-1082); 5' - 2" PCS (WO# 85-3591); 578' - 16" PCS (WO# 87-5479); 4483' - 16" PCS (WO# A9397C); 1710' - 16" PCS (WO# A9403); 6870' - 8" PBS (WO# 64-2362, purchased in ground from Panhandle; AKA Liberty Lateral; AKA M2X472).</p>		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20401132947	004141	11,025.12	Approved by: Steve Lindsey on 11/26/2013, Public Improvement: Lee's Summit Road. We have a high pressure main on each side of Lee's Summit Road - 16" on the west and 8" on the east. Both are dated and in conflict with Jackson County's road improvement plans. We will replace both mains from Anderson to 40 Hwy with a single 20" main. We are purchasing the lot at 5105 LS Rd (on WO# 13-2520) in order to build new DRS 100 (on WO# 13-2618) to separate the Grain Valley lateral 12" (pressure system C-225: MOP = 125 psig, MAOP = 245 psig) from the C-100 pressure system (MOP = 125 psig, MAOP = 155 psig). Currently there is no regulator station at this location - just SCADA monitoring. We will also install underground piping with plans for a future pig receiver on this lot, as well as a bridge valve from the outlet of new DRS 100 to the new 20" main. Install 3690' - 20" thin film; 4570' - 20" thin film w/ powercrete; 10' - 16" thin film; 386' - 12" thin film; 5' - 8" thin film; 31' - 4" thin film; and 10' - 2" thin film. Abandon: 2' - 4" PCS (WO# 00-2933); 161' - 12" PCS (WO# 61-1515); 16' - 6" PCS (WO# 61-1575); 2' - 6" PCS (WO#67-0797); 6' - 8" PCS (WO# 67-0797); 32' - 12" PCS (WO# 67-0797); 14' - 16" PCS (WO# 67-0797); 641' - 8" PCS (WO# 77-3812); 90' - 6" PCS (WO# 84-0722); 125' - 8" PCS (WO# 84-0722); 900' - 16" PCS (WO# 84-1082); 5' - 2" PCS (WO# 85-3591); 578' - 16" PCS (WO# 87-5479); 4483' - 16" PCS (WO# A9397C); 1710' - 16" PCS (WO# A9403); 6870' - 8" PBS (WO# 64-2362, purchased in ground from Panhandle; AKA Liberty Lateral; AKA M2X472).		
	004141 Total	2,407,015.73		393.1009 (5) (C)	
20901050372	004146	47,214.32	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Lee's Summit - East Region)		
20901050372	004146	13,638.55	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Lee's Summit - East Region)		
20901050372	004146	(288.35)	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Lee's Summit - East Region)		
20901050372	004146	2,148.71	Service/Yard Line Replacement (SLRP): Contract Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Lee's Summit - East Region)		
	004146 Total	62,713.23		393.1009 (5) (a) (b)	A,B,C,I
20501050377	004148	23,482.38	Service/Yard Line Replacement (SLRP): Contract Crew. Service/yard line replacement - Material Charges Only (Joplin - South Region)		
20501050377	004148	18,639.88	Service/Yard Line Replacement (SLRP): Contract Crew. Service/yard line replacement - Material Charges Only (Joplin - South Region)		
20501050377	004148	(119.93)	Service/Yard Line Replacement (SLRP): Contract Crew. Service/yard line replacement - Material Charges Only (Joplin - South Region)		
20501050377	004148	1,572.18	Service/Yard Line Replacement (SLRP): Contract Crew. Service/yard line replacement - Material Charges Only (Joplin - South Region)		
	004148 Total	43,574.51		393.1009 (5) (a) (b)	A,B,C,I
20401050370	004150	51,541.52	Service/Yard Line Replacement (SLRP): Contract Crew. Immediate response - replacement single unprotected steel or copper (Kansas City - Central Region)		
20401050370	004150	44,071.92	Service/Yard Line Replacement (SLRP): Contract Crew. Immediate response - replacement single unprotected steel or copper (Kansas City - Central Region)		
20401050370	004150	8,632.84	Service/Yard Line Replacement (SLRP): Contract Crew. Immediate response - replacement single unprotected steel or copper (Kansas City - Central Region)		
20401050370	004150	(3,419.01)	Service/Yard Line Replacement (SLRP): Contract Crew. Immediate response - replacement single unprotected steel or copper (Kansas City - Central Region)		
	004150 Total	100,827.27		393.1009 (5) (a) (b)	A,B,C,I

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20401050301	004152	103,600.86	Replacement and/or removal of existing protected steel or plastic (Kansas City - Central Region)		
20401050301	004152	183,813.51	Replacement and/or removal of existing protected steel or plastic (Kansas City - Central Region)		
20401050301	004152	112,142.79	Replacement and/or removal of existing protected steel or plastic (Kansas City - Central Region)		
20401050301	004152	155,294.04	Replacement and/or removal of existing protected steel or plastic (Kansas City - Central Region)		
	004152 Total	554,851.20		393.1009 (5) (a) (b)	A,B,C,I
20901050301	004153	42,682.33	Replacement and/or removal of existing protected steel or plastic (Lee's Summit - East Region)		
20901050301	004153	30,625.17	Replacement and/or removal of existing protected steel or plastic (Lee's Summit - East Region)		
20901050301	004153	8,594.43	Replacement and/or removal of existing protected steel or plastic (Lee's Summit - East Region)		
20901050301	004153	24,453.55	Replacement and/or removal of existing protected steel or plastic (Lee's Summit - East Region)		
	004153 Total	106,355.48		393.1009 (5) (a) (b)	A,B,C,I
20501121966	004161	(762.66)	Approved by: Rob Hack on 01/14/2013, Replace 1007' - 3" PBS (WO#'s: A8083, A7967N, A8211N), 1015' - 6" PBS (WO#: NONE), 79' - 3" PCS (WO#'s: 79-1004, 82-0792), 2' - 4" PCS (WO#: 70-1834), 66' - 6" PCS (WO#: 79-0780), 1499' - 8" PCS (WO#'s: 63-4566, 64-5423, 67-2471, 68-5539, 82-0790, 90-5251), 257' - 2" PE (WO#'s: 79-0366, 88-1553, 89-1025, 90-5297, 11-8100, 12-1250), 925' - 3" PE (WO#'s: 75-0702, 84-0912, 11-8333), and 773' - 4" PE (WO#'s: 89-1633, 97-4877, 04-6310, 11-7772, 11-8093, 11-8333) and replace with 241' - 2" PE, 2615' - 4" PE, and 2769' - 6" PE to avoid conflict with 26th St Road widening and storm water improvement project. This work will also clear two (2) - #3 Leaks (Leak No's. 11-0065, 08-0071). Project Location: 26th and Schifferdecker to Maiden Ln; Pressure System: C-1 & C-5; MOP: 58 psig & 20 psig; MAOP: 58 psig & 21 psig; Design: 58 psig & 58 psig; Test: 100 psig & 100 psig; \$57.20/ft		
20501121966	004161	3,963.65	Approved by: Rob Hack on 01/14/2013, Replace 1007' - 3" PBS (WO#'s: A8083, A7967N, A8211N), 1015' - 6" PBS (WO#: NONE), 79' - 3" PCS (WO#'s: 79-1004, 82-0792), 2' - 4" PCS (WO#: 70-1834), 66' - 6" PCS (WO#: 79-0780), 1499' - 8" PCS (WO#'s: 63-4566, 64-5423, 67-2471, 68-5539, 82-0790, 90-5251), 257' - 2" PE (WO#'s: 79-0366, 88-1553, 89-1025, 90-5297, 11-8100, 12-1250), 925' - 3" PE (WO#'s: 75-0702, 84-0912, 11-8333), and 773' - 4" PE (WO#'s: 89-1633, 97-4877, 04-6310, 11-7772, 11-8093, 11-8333) and replace with 241' - 2" PE, 2615' - 4" PE, and 2769' - 6" PE to avoid conflict with 26th St Road widening and storm water improvement project. This work will also clear two (2) - #3 Leaks (Leak No's. 11-0065, 08-0071). Project Location: 26th and Schifferdecker to Maiden Ln; Pressure System: C-1 & C-5; MOP: 58 psig & 20 psig; MAOP: 58 psig & 21 psig; Design: 58 psig & 58 psig; Test: 100 psig & 100 psig; \$57.20/ft		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20501121966	004161	5,763.59	Approved by: Rob Hack on 01/14/2013, Replace 1007' - 3" PBS (WO#'s: A8083, A7967N, A8211N), 1015' - 6" PBS (WO#: NONE), 79' - 3" PCS (WO#'s: 79-1004, 82-0792), 2' - 4" PCS (WO#: 70-1834), 66' - 6" PCS (WO#: 79-0780), 1499' - 8" PCS (WO#'s: 63-4566, 64-5423, 67-2471, 68-5539, 82-0790, 90-5251), 257' - 2" PE (WO#'s: 79-0366, 88-1553, 89-1025, 90-5297, 11-8100, 12-1250), 925' - 3" PE (WO#'s: 75-0702, 84-0912, 11-8333), and 773' - 4" PE (WO#'s: 89-1633, 97-4877, 04-6310, 11-7772, 11-8093, 11-8333) and replace with 241' - 2" PE, 2615' - 4" PE, and 2769' - 6" PE to avoid conflict with 26th St Road widening and storm water improvement project. This work will also clear two (2) - #3 Leaks (Leak No's. 11-0065, 08-0071). Project Location: 26th and Schifferdecker to Maiden Ln; Pressure System: C-1 & C-5; MOP: 58 psig & 20 psig; MAOP: 58 psig & 21 psig; Design: 58 psig & 58 psig; Test: 100 psig & 100 psig; \$57.20/ft		
20501121966	004161	(583.21)	Approved by: Rob Hack on 01/14/2013, Replace 1007' - 3" PBS (WO#'s: A8083, A7967N, A8211N), 1015' - 6" PBS (WO#: NONE), 79' - 3" PCS (WO#'s: 79-1004, 82-0792), 2' - 4" PCS (WO#: 70-1834), 66' - 6" PCS (WO#: 79-0780), 1499' - 8" PCS (WO#'s: 63-4566, 64-5423, 67-2471, 68-5539, 82-0790, 90-5251), 257' - 2" PE (WO#'s: 79-0366, 88-1553, 89-1025, 90-5297, 11-8100, 12-1250), 925' - 3" PE (WO#'s: 75-0702, 84-0912, 11-8333), and 773' - 4" PE (WO#'s: 89-1633, 97-4877, 04-6310, 11-7772, 11-8093, 11-8333) and replace with 241' - 2" PE, 2615' - 4" PE, and 2769' - 6" PE to avoid conflict with 26th St Road widening and storm water improvement project. This work will also clear two (2) - #3 Leaks (Leak No's. 11-0065, 08-0071). Project Location: 26th and Schifferdecker to Maiden Ln; Pressure System: C-1 & C-5; MOP: 58 psig & 20 psig; MAOP: 58 psig & 21 psig; Design: 58 psig & 58 psig; Test: 100 psig & 100 psig; \$57.20/ft		
	004161 Total	8,381.37			
				393.1009 (5) (C)	
20812132325	004162	(5.66)	Approved by: Galen Shoemaker on 01/14/2013, Abandon 148' - 2" PBS (WO#: 29003) and replace with 165' - 2" PE to clear one (1) - #3 leak. Project Location: Mill and Cliborne; Pressure System: C-1; MOP: 39.5 psig; MAOP: 39.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$50.24/ft		
	004162 Total	(5.66)			
				393.1009 (5) (a) (b)	A,B,C
20201132737	004169	(13.72)	Approved by: Ralph Janes on 06/13/2013, Main to abandon: 75' of 2IN PBS from wo# WO20, 60' of 2IN PBS from wo# 37469, and 30' of 4IN PBS from wo# WO146 and replace with 100' of 2IN Thin film on WO# 13-2737. Relocation is necessary due to public improvement Rock Creek Interceptor Improvements - Segment 3.		
	004169 Total	(13.72)			
				393.1009 (5) (C)	
20401132456	004174	(304.64)	Approved by: Ralph Janes on 04/09/2013, Rebuild/Relocate DRS #308 at the end of Canyon Dr. to Leslie Ave. Inlet system C-100 (MOP = 125 psig and MAOP = 155 psig) and outlet system S-308 (MOP = MAOP = 15 psig). The existing 1in Fisher 627M (operator) and the 1in Fisher 627M (monitor) installed on wo# 92-5780 will be junked and replaced with a 2in 300# Mooney Flow Grid Regulator (operator) and a 2in 300# Rockwell 441-57S Regulator (monitor) w/ a Red (12.5 - 30 psig) spring on wo# 13-2456. Must rebuild DRS 308 on wo# 13-2456 and 13-2458 (I/O piping) before beginning construction on wo# 13-2457.		
	004174 Total	(304.64)			
				393.1009 (5) (a) (b)	A,B
20503132433	004177	(346.31)	Approved by: Galen Shoemaker on 02/18/2013, Abandon 583' - 2in PBS (WO#: NONE) and replace with 585' - 2in PE to clear 3 - #3 Leaks (Leak No's: 09-0089, 12-0056, 13-0014). Project Location: Poplar and Tennessee; Pressure System: C-1; MOP: 1.50 psig; MAOP: 1.69 psig; Design: 58 psig; Test: 100 psig; ISRS \$33.30/ft		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
	004177 Total	(346.31)		393.1009 (5) (a) (b)	A,B,C
20501121593	004179	(191.38)	Approved by: Rob Hack on 12/07/2012, Abandon 5573' - 4in PE (WO#'s: 76-4281, 84-0888, 86-1426, 87-3004, 92-6920, 99-8577) and 295' - 3in PE (WO#: 90-1098) and replace with 5962' - 4in PE relocated due to road widening on Indiana and 50th. Project must be completed by 1/31/2013. Main will lay inside new 30' utility easement, 5' inside of R/W line. Project Location: 50th and Indiana; Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; ISRS \$39.07/ft		
	004179 Total	(191.38)		393.1009 (5) (C)	
20908121857	004182	(363.84)	Approved by: Ralph Janes on 10/30/2012, Replace and abandon 340' - 3in PBS (unknown WO), 23' - 2in PE (WO# 10-6676), and 154' - 2in PCS (WO# 63-2399) with 500' - 2in PE main. The existing main has a history of leakage. Price per ft = \$49.44 (ISRS)		
	004182 Total	(363.84)		393.1009 (5) (a) (b)	A,B,C
20307132741	004195	(174.39)	Approved by: Ralph Janes on 09/23/2013, Main to abandon: 90' of 6" PCS from wo# 62-1425 and 108' of 2" PE from wo# 89-1285. Also, remove EV 704. Install 114' of 6" PCS on WO# 13-2741. Main relocation is due to "Main Street Drainage Improvements Phase 1" in Concordia, MO.		
	004195 Total	(174.39)		393.1009 (5) (C)	
20401133189	004197	679.20	Approved by: Steve Holcomb on 01/14/2014, AOR. This job must be completed by March 17, 2014. Replace 6in CI with 1,090'-6in PE due to angle of repose. Bell joint was exposed 2' SSLH at 5345 Swope Parkway. Tie over 11 services. Replace 3 services. Retire 82'-6in CI, WO A2752, year 1931; 990'-6in CI, WO A1488, year 1925; 21'-6in CS, WO 78-1488, year 1978.		
	004197 Total	679.20		393.1009 (5) (a) (b)	A,B,C,D,I
20812143289	004198	(1,167.31)	Approved by: Steve Holcomb on 01/20/2014, Replace 1223' - 2" PBS (WO#'s: J013B, J02398), 327' - 2" PCS (WO#'s: 65-6840, 68-0396), and 69' - 2" PE (WO#: 83-4077) with 505' - 2" PE and 1295' - 4" PE to clear one (1) active #3 Leak (Leak No: 13-149) and history of leakage. Project Location: Elm and Eagon; Pressure System: C-1; MOP: 39.5 psig; MAOP: 39.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$45.20/ft		
20812143289	004198	129.69	Approved by: Steve Holcomb on 01/20/2014, Replace 1223' - 2" PBS (WO#'s: J013B, J02398), 327' - 2" PCS (WO#'s: 65-6840, 68-0396), and 69' - 2" PE (WO#: 83-4077) with 505' - 2" PE and 1295' - 4" PE to clear one (1) active #3 Leak (Leak No: 13-149) and history of leakage. Project Location: Elm and Eagon; Pressure System: C-1; MOP: 39.5 psig; MAOP: 39.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$45.20/ft		
20812143289	004198	(3.53)	Approved by: Steve Holcomb on 01/20/2014, Replace 1223' - 2" PBS (WO#'s: J013B, J02398), 327' - 2" PCS (WO#'s: 65-6840, 68-0396), and 69' - 2" PE (WO#: 83-4077) with 505' - 2" PE and 1295' - 4" PE to clear one (1) active #3 Leak (Leak No: 13-149) and history of leakage. Project Location: Elm and Eagon; Pressure System: C-1; MOP: 39.5 psig; MAOP: 39.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$45.20/ft		
20812143289	004198	(11.23)	Approved by: Steve Holcomb on 01/20/2014, Replace 1223' - 2" PBS (WO#'s: J013B, J02398), 327' - 2" PCS (WO#'s: 65-6840, 68-0396), and 69' - 2" PE (WO#: 83-4077) with 505' - 2" PE and 1295' - 4" PE to clear one (1) active #3 Leak (Leak No: 13-149) and history of leakage. Project Location: Elm and Eagon; Pressure System: C-1; MOP: 39.5 psig; MAOP: 39.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$45.20/ft		
	004198 Total	(1,052.38)		393.1009 (5) (a) (b)	A,B,C

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20932132895	004199	(418.81)	Approved by: Randy Spector on 08/28/2013, This work order is necessary to install 1053 feet of 2" Plexco Polyethelene 2406 pipe from just south of the DRS west of Fox Ridge Drive north to 155th Street thence; west to 9200 E. 155th Street at the meter. This will eliminate both of these meters from being on the Cass County 12" Transmission main. The 2" Full Flow tee will be tapped south of the Remote Outlet valve on the 6" PE for Raymore DRS 10. The DRS 10 has a 50 PSIG MOP and 58 PSIG MAOP. Install the 2" PE as close to the North R\W line of 155th Street as possible. Tie both 9200 E. 155th and 9300 E. 155th Street over to the new 2" PE therefore, eliminating the first cut regulators in the yard. Thence, retire 606 feet of 2" PCS pipe originally installed on work order 90-5590.	393.1009 (5) (a) (b)	A,B,G
	004199 Total	(418.81)			
20901133057	004204	1.99	Approved by: Ralph Janes on 10/09/2013, Public Improvement Project: Country Lane Storm. Relocate 10' of 2in PE for a storm sewer installation. Main to retire: 8' - 2in PE (WO# 78-3732).	393.1009 (5) (C)	
	004204 Total	1.99			
20813133154	004207	(61.26)	Approved by: Ken Thomas on 11/15/2013, Abandon 314' - 2" PBS (WO#'s: 43781, 44486) and replace with 315' - 2" PE due to history of leakage and isolated bare steel. Project Location: Purdy West of Pine; Pressure System: S-1; MOP: 20 psig; MAOP: 20 psig; Design: 58 psig; Test: 100 psig; ISRS \$35.77/ft	393.1009 (5) (a) (b)	A,B,C
	004207 Total	(61.26)			
20201132787	004213	(175.94)	Approved by: Ralph Janes on 07/09/2013, Tie together C-500 and C-013 by replacing 5' of 3in pcs main (wo# 662183) and 5' of 4in pcs main (wo# 662184) with 20' of 3in thin film after uprate of pressure system C-013 (MOP=MAOP = 5 psig) to pressure system C-500 (MOP=30 psig and MAOP=44 psig). DRS 188 will be removed and retired on wo# 13-2783.	393.1009 (5) (a) (b)	A,B,G
	004213 Total	(175.94)			
20501143300	004214	(94.86)	Approved by: Galen Shoemaker on 01/20/2014, *MODOT PERMIT REQUIRED* Replace 200' of 2" PBS with 200' of 2" PE due to leakage issues (#2 Leak reclassified to #3, Leak No: 14-004). Project Location: Range Line Rd S of 4th St. Pressure System: C-1. MOP: 58 PSIG. MAOP: 58 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$26.38. ISRS.	393.1009 (5) (a) (b)	A,B,C
	004214 Total	(94.86)			
20401132928	004216	8.21	Approved by: Kevin Driskell on 09/05/2013, Replaced 62' of 2in PCS year 1981(WO# 81-0254) with 62'-2in PE due to leak.	393.1009 (5) (a) (b)	A,B
	004216 Total	8.21			
20401133129	004221	(15,549.44)	Approved by: Steve Lindsey on 11/18/2013, ISRS. Replace and abandon a total of 14144' of cast iron main in Sector 0309 & 0308 with 16078' of PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2014. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. See attached sheet for the work order number, size and footage of main to be retired. 87 bare steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 297 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20401133129	004221	-	Approved by: Steve Lindsey on 11/18/2013, ISRS. Replace and abandon a total of 14144' of cast iron main in Sector 0309 & 0308 with 16078' of PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2014. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. See attached sheet for the work order number, size and footage of main to be retired. 87 bare steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 297 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.		
	004221 Total	(15,549.44)		393.1009 (5) (a) (b)	A,B,C,D,I
20312143312	004233	(148.77)	Approved by: Ralph Janes on 01/30/2014, Replace and retire 333' - 2" pbs main (Unknown wo) and 265' - 2" pcs main (wo 671296) by installing 600' - 2" pe main due to leakage. (ISRS)		
	004233 Total	(148.77)		393.1009 (5) (a) (b)	A,B,C
20501132764	004240	(625.21)	Approved by: Galen Shoemaker on 06/24/2013, Replace 366' - 4in PCS (WO#'s: 65-7240, 68-0648) with 590' - 4in PE due to difficulty tying into existing PCS in the middle of Illinois on WO#13-2745 and not wanting to leave two isolated chunks of steel. This work will also create a loop in the C-2 1.50psig system making future replacements easier. This work order will be done in conjunction with WO#13-2745. Project Location: 7th and Illinois; Pressure System: C-2; MOP: 1.50 psig; MAOP: 1.50 psig; Design: 58 psig; Test: 100 psig; \$49.79/ft		
	004240 Total	(625.21)		393.1009 (5) (a) (b)	A,B
20401133173	004241	(5.20)	Approved by: Gary Williams on 12/16/2013, LAY 12'-2" PCS ALONG E 92ND ST-EAST OF TENNESSEE AVE.; IN ORDER TO REPAIR LEAK. INSTALL 2" PCS STEEL YOKE.		
	004241 Total	(5.20)		393.1009 (5) (a) (b)	A,B,C
20201143426	004248	(184.89)	Approved by: Ralph Janes on 03/14/2014, We have dual mains on 24 Hwy between Cogan and Allen Rd. The main on the south side is 6" PBS and only serves two customers. Tie 15804 and 15805 E US Highway 24 over to the 8" PCS on the north side of 24 Hwy (one will be short side) and install 120' of 4" PE main. Main to abandon: 828' - 6" PBS (WO# A5422A); 167' - 6" PBS (WO# 40228); and 185' - 4" PBS (WO# A5422B). (ISRS)		
20201143426	004248	1,085.60	Approved by: Ralph Janes on 03/14/2014, We have dual mains on 24 Hwy between Cogan and Allen Rd. The main on the south side is 6" PBS and only serves two customers. Tie 15804 and 15805 E US Highway 24 over to the 8" PCS on the north side of 24 Hwy (one will be short side) and install 120' of 4" PE main. Main to abandon: 828' - 6" PBS (WO# A5422A); 167' - 6" PBS (WO# 40228); and 185' - 4" PBS (WO# A5422B). (ISRS)		
20201143426	004248	(29.65)	Approved by: Ralph Janes on 03/14/2014, We have dual mains on 24 Hwy between Cogan and Allen Rd. The main on the south side is 6" PBS and only serves two customers. Tie 15804 and 15805 E US Highway 24 over to the 8" PCS on the north side of 24 Hwy (one will be short side) and install 120' of 4" PE main. Main to abandon: 828' - 6" PBS (WO# A5422A); 167' - 6" PBS (WO# 40228); and 185' - 4" PBS (WO# A5422B). (ISRS)		
20201143426	004248	(93.80)	Approved by: Ralph Janes on 03/14/2014, We have dual mains on 24 Hwy between Cogan and Allen Rd. The main on the south side is 6" PBS and only serves two customers. Tie 15804 and 15805 E US Highway 24 over to the 8" PCS on the north side of 24 Hwy (one will be short side) and install 120' of 4" PE main. Main to abandon: 828' - 6" PBS (WO# A5422A); 167' - 6" PBS (WO# 40228); and 185' - 4" PBS (WO# A5422B). (ISRS)		
	004248 Total	777.26		393.1009 (5) (a) (b)	A,B,C

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20401133238	004255	(591.12)	Approved by: Kevin Driskell on 12/31/2013, ISRS. To abandon 60' of 1.5" CU main and replace with 70' of 2" TF main. Main is on the C-3 pressure system with a MOP=25psig and MAOP=25psig. See attached sheet for size, length, type, and work orders of main to be retired.		
	004255 Total	(591.12)		393.1009 (5) (a) (b)	A,B,C
20401132897	004257	(771.19)	Approved by: Gary Williams on 11/07/2013, Replace 4in CI with 4in PE 620' due to leaks and condition of gas main. Original work order #B1P38. Pressure system C-001. Retire 600'-4in CI, year 1922.		
	004257 Total	(771.19)		393.1009 (5) (a) (b)	A,B,C,D,I
21207132922	004259	(442.33)	Approved by: Kevin Driskell on 09/18/2013, REPLACING - 14ft-1in cs and 482ft-1-1/4 pe service with 100ft - 4in th film to first cut, 430ft- 4in pe service line due to commercial account adding additional load (20,000 cfh). ECONOMIC EVALUATION WILL COVER COST OF PROJECT.		
	004259 Total	(442.33)		393.1009 (5) (a) (b)	A,B,D
20904143298	004262	(992.83)	Approved by: Ralph Janes on 02/06/2014, Relocate and retire 100' - 4" pbs main (33961), 290' - 4" pbs main (36065), 170' - 4" pbs main (43829), 203 - 4" pcs main (48517), 118' - 4" pcs main (B1642C), 414' - 2" pcs main (B1642A), and 316' - 2" pcs main (63678), by installing 1,365' - 4" pe main and 255' - 2" pe main to allow the City of Grandview to install new storm structures.		
	004262 Total	(992.83)		393.1009 (5) (C)	
20301132993	004265	(48.87)	Approved by: Ralph Janes on 09/19/2013, Move drip for odorant tank and tie 8in PCS to 4in PCS down stream with 4' of 4in thin film. Main to abandon: 2' of 4in PCS from wo# A7311A.		
	004265 Total	(48.87)		393.1009 (5) (a) (b)	A,B
21215143294	004266	(659.04)	Approved by: Gary Williams on 02/21/2014, (ISRS) LAY 165'-4" TF STEEL; DUE TO NEW BOX CULVERT INSTALLATION. BORE 8 FT DEEP FROM EXISTING GRADE ALONG RUNNING LINE. CONTRACTOR WILL PUT 1 FT OR MORE-LEVELING PAD OF ROCK DOWN TO WORK ON BELOW THE BOTTOM OF THE PROPOSED SLAB. BOX CULVERT FLOOR WILL BE BURIED 1 FT BELOW THE EXISTING GRADE. 95% COMPACTION REQUIRED DUE TO WITHIN MODOT RIGHT-OF-WAY REGULATED ROAD. ABANDON 130'-4" PCS(79-0643). COST PER FOOT=\$159.43		
21215143294	004266	-	Approved by: Gary Williams on 02/21/2014, (ISRS) LAY 165'-4" TF STEEL; DUE TO NEW BOX CULVERT INSTALLATION. BORE 8 FT DEEP FROM EXISTING GRADE ALONG RUNNING LINE. CONTRACTOR WILL PUT 1 FT OR MORE-LEVELING PAD OF ROCK DOWN TO WORK ON BELOW THE BOTTOM OF THE PROPOSED SLAB. BOX CULVERT FLOOR WILL BE BURIED 1 FT BELOW THE EXISTING GRADE. 95% COMPACTION REQUIRED DUE TO WITHIN MODOT RIGHT-OF-WAY REGULATED ROAD. ABANDON 130'-4" PCS(79-0643). COST PER FOOT=\$159.43		
	004266 Total	(659.04)		393.1009 (5) (C)	
21258143346	004267	(15.86)	Approved by: Kevin Driskell on 02/20/2014, RELOCATE 4'-2" PLEXCO DUE TO WATER DEPARTMENT SHUTTING OFF BALL VALVE IN ERROR. MGE DIDN'T WANT WATER DEPARTMENT TO ACCIDENTALLY DO THIS AGAIN; SO REMOVED 3-WAY TEE & BALL VALVE. ABANDONED 3'-2" PE (98-8159).		
	004267 Total	(15.86)		393.1009 (5) (a) (b)	A,B
20401133039	004271	(482.88)	Approved by: Gary Williams on 12/02/2013, AOR. Replace 40'-6in CI with 6in PE. 13' of CI was exposed at 2551 Chelsea. Tie-over two services and replace one service (2553 Chelsea).Retire 35'-6in CI, B30P88; 5'-6in CI, B18P103.		
20401133039	004271	307.39	Approved by: Gary Williams on 12/02/2013, AOR. Replace 40'-6in CI with 6in PE. 13' of CI was exposed at 2551 Chelsea. Tie-over two services and replace one service (2553 Chelsea).Retire 35'-6in CI, B30P88; 5'-6in CI, B18P103.		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20401133039	004271	(143.49)	Approved by: Gary Williams on 12/02/2013, AOR. Replace 40'-6in CI with 6in PE. 13' of CI was exposed at 2551 Chelsea. Tie-over two services and replace one service (2553 Chelsea).Retire 35'-6in CI, B30P88; 5'-6in CI, B18P103.		
20401133039	004271	(12.75)	Approved by: Gary Williams on 12/02/2013, AOR. Replace 40'-6in CI with 6in PE. 13' of CI was exposed at 2551 Chelsea. Tie-over two services and replace one service (2553 Chelsea).Retire 35'-6in CI, B30P88; 5'-6in CI, B18P103.		
	004271 Total	(331.73)		393.1009 (5) (a) (b)	A,B,C,D,I
21001133047	004272	(297.13)	Approved by: Gary Williams on 10/07/2013, This work order is necessary to relocate the Riverview rectifier and ground bed, #661, currently located at 724 Riverview to I-29 & East Lake Road. This ground bed has failed and multiple attempts to revive it has been unsuccessful. The existing rectifier will be utilized on the new location. This work order will be for the groundbed material and cost to establish a new electrical service at the new location. The original rectifier and ground bed was installed on work order 97-7528. The designed bare pipe to be protected is on Riveriview, West Ayr Lawn and East Ayr Lawn, resulting in a current demand of 14 amps. The new ground bed will consist of 10 3"X60 anodes with a designed output of 20 amps.		
	004272 Total	(297.13)		393.1009 (5) (a), (b)	A, B, E
20401133188	004275	(374.06)	Approved by: Gary Williams on 01/10/2014, AOR. This work order must be completed by March 16, 2014. Replace 40'-6in CI due to parallel excavation. AOR location: 12' SNC of E 52nd Street. No services to tie-over. Retire 44'-6in CI, WO A2610, year 1930.		
	004275 Total	(374.06)		393.1009 (5) (a) (b)	A,B,C,D,I
20401050377	004279	(2,416.55)	Service/Yard Line Replacement (SLRP): Contract Crew. Service/yard line replacement - Material Charges Only (Kansas City - Central Region)		
20401050377	004279	2,182.83	Service/Yard Line Replacement (SLRP): Contract Crew. Service/yard line replacement - Material Charges Only (Kansas City - Central Region)		
20401050377	004279	(341.38)	Service/Yard Line Replacement (SLRP): Contract Crew. Service/yard line replacement - Material Charges Only (Kansas City - Central Region)		
	004279 Total	(575.10)		393.1009 (5) (a) (b)	A,B,C,I
20401050363	004282	14,022.68	Service/Yard Line Replacement (SLRP): Contract Crew. Service/yard line replacement - Material Charges Only (Kansas City - Central Region)		
20401050363	004282	18,008.71	Service/Yard Line Replacement (SLRP): Contract Crew. Service/yard line replacement - Material Charges Only (Kansas City - Central Region)		
20401050363	004282	13,521.65	Service/Yard Line Replacement (SLRP): Contract Crew. Service/yard line replacement - Material Charges Only (Kansas City - Central Region)		
20401050363	004282	11,008.76	Service/Yard Line Replacement (SLRP): Contract Crew. Service/yard line replacement - Material Charges Only (Kansas City - Central Region)		
	004282 Total	56,561.80		393.1009 (5) (a) (b)	A,B,C,I
20910132654	004285	(24.13)	Approved by: Ralph Janes on 05/01/2013, Replace and abandon 75' of 2" PE with 75' of 2" PE on WO# 13-2654. The existing main was leaking under 2nd Street (MO Hwy 58). ISRS		
	004285 Total	(24.13)		393.1009 (5) (a) (b)	A,B,C
20901050377	004287	55,968.13	Service/Yard Line Replacement (SLRP): Contract Crew. Service/yard line replacement - Material Charges Only (Lee's Summit - East Region)		
20901050377	004287	86,678.53	Service/Yard Line Replacement (SLRP): Contract Crew. Service/yard line replacement - Material Charges Only (Lee's Summit - East Region)		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20901050377	004287	467.00	Service/Yard Line Replacement (SLRP): Contract Crew. Service/yard line replacement - Material Charges Only (Lee's Summit - East Region)		
20901050377	004287	44,688.62	Service/Yard Line Replacement (SLRP): Contract Crew. Service/yard line replacement - Material Charges Only (Lee's Summit - East Region)		
	004287 Total	187,802.28		393.1009 (5) (a) (b)	A,B,C,I
20501050301	004288	26,046.38	Replacement and/or removal of existing protected steel or plastic (Joplin - South Region)		
20501050301	004288	41,073.32	Replacement and/or removal of existing protected steel or plastic (Joplin - South Region)		
20501050301	004288	14,235.91	Replacement and/or removal of existing protected steel or plastic (Joplin - South Region)		
20501050301	004288	(1,460.39)	Replacement and/or removal of existing protected steel or plastic (Joplin - South Region)		
	004288 Total	79,895.22		393.1009 (5) (a) (b)	A,B,C,I
20401121683	004298	(28.62)	Approved by: Rob Hack on 03/01/2013, (ISRS) This work is due to public improvement project. Lay 2,198 feet of 6in PE, 105 feet of 12in steel, 30 feet of 2in steel, and 10 feet of 8in steel. Abandon 3,156 feet of CI. Tie-over 7 services. Replace 2 services. Relocated pipe along Troost will be west of existing CI pipe at 4 feet minimum. Cost per foot \$84.16		
	004298 Total	(28.62)		393.1009 (5) (C)	
20201132463	004301	(27.17)	Approved by: Regina George-Berry on 03/07/2013, Public Improvement Project: Street and Bridge Improvements 39th Street for City of Independence. City Project 70511103; Federal Project BRM-3379(430); Bridge No 21250381. Relocate 1545' of 6in PE to new utility easement for road widening and bridge replacement, using 5' of 2in PE to tie onto existing 2in PE on Selsa Rd. Main to retire: 1510' - 6in PE (WO# 00-2190); 32' - 2in PE (WO# 06-1395); 40' - 2in PE (WO# 07-2261). Price per ft \$48.98 (ISRS)		
	004301 Total	(27.17)		393.1009 (5) (C)	
20401132458	004311	(147.01)	Approved by: Ralph Janes on 04/09/2013, Rebuild/Relocate DRS 308 on WO# 13-2456. The station will be relocated from a pit at the end of Canyon Drive, to just outside the West ROW of Leslie Ave. in our 66' wide easement. The existing inlet (wo# 690358) and outlet (wo# BD28) piping will be cut and capped on wo# 13-2457. The proposed inlet and outlet piping will be placed on WO# 13-2458. The inlet system C-100 has a MOP = 125 psig and a MAOP = 155 psig. The outlet system S-308 has a MOP and MAOP of 15psig.		
	004311 Total	(147.01)		393.1009 (5) (a) (b)	A,B
20903121888	004315	(818.02)	Approved by: Randy Spector on 11/12/2012, This work order is necessary to retire existing Rectifier L0043 and ground bed installed on work order 64-6270. The existing current output is insufficient to supply current needed and history of ground bed resistivity is increasing indicating ground bed is depleted. The new ground bed will be 15 - 3" x 60" anodes, spaced at 15 feet, with a 60volt/30amp rectifier. All construction will be performed by contractor crews. A private easement will need to be acquired west of north of RD Mize Road. Electrical work will be needed.		
20903121888	004315	(2,800.00)	Approved by: Randy Spector on 11/12/2012, This work order is necessary to retire existing Rectifier L0043 and ground bed installed on work order 64-6270. The existing current output is insufficient to supply current needed and history of ground bed resistivity is increasing indicating ground bed is depleted. The new ground bed will be 15 - 3" x 60" anodes, spaced at 15 feet, with a 60volt/30amp rectifier. All construction will be performed by contractor crews. A private easement will need to be acquired west of north of RD Mize Road. Electrical work will be needed.		
	004315 Total	(3,618.02)		393.1009 (5) (a), (b)	A, B, E

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20813132533	004320	(46.01)	Approved by: Ken Thomas on 04/23/2013, Replace 1630' - 2" PBS (WO#'s: J010B, 34650), 4' - 3" PBS (WO#: 66-3786), 373' - 2" PCS (WO's: 66-4526, 66-6265, 76-2608) and 25' - 3" PCS (66-3786) with 2040' - 2" PE due to history of leakage. Project Location: Purdy and Pine; Pressure System: S-1; MOP: 20 psig; MAOP: 20 psig; Design: 58 psig; Test: 100 psig; ISRS \$33.12/ft		
	004320 Total	(46.01)		393.1009 (5) (a) (b)	A,B,C
20801132712	004324	(94.11)	Approved by: Randy Spector on 05/28/2013, This work order is necessary to install a new 40 Volt 20 Amp Rectifier and ten 3in X 60in graphite anodes to adequately cathodic protect steel mains in along Broadway in the downtown area of Monett. The majority of existing main is under pavement and theoretically installing sacrificial anodes is cost prohibitive. The existing cathodic protection levels are presently not being meet. Joplin Industrial Electric will install the electrical meter and disconnet along with drilling holes for the anodes. Company crews will install anodes and cables necessary.		
	004324 Total	(94.11)		393.1009 (5) (a), (b)	A, B, E
20933132713	004325	(89.47)	Approved by: Randy Spector on 05/29/2013, This work order is necessary to install a new rectifier and ground bed west of "D" Highway on 289th Street to provide adequate cathodic protection on the "line to the town of Drexel. This will be a Universal 20 Volt 10 Amp rectifier with five "X 60" graphite anodes. The existing rectifier for Drexel is not capable of pushing current the 8-9 miles north to this area. Test has proven that additional current is needed. Shaw Electric will install all electrical and company crews will install the anodes and wire.		
	004325 Total	(89.47)		393.1009 (5) (a), (b)	A, B, E
20401132827	004332	(54.19)	Approved by: Kevin Driskell on 07/26/2013, AOR. Replace 30' of 6in CI with 6in PE due to angle of repose. Six feet of pipe was exposed at 7027 Agnes. Digtrack ticket TL130990228. This job must be completed by Oct. 9, 2013. COST PER FOOT \$784.60		
	004332 Total	(54.19)		393.1009 (5) (a) (b)	A,B,C,D,I
20603133197	004337	(4,837.02)	Approved by: Steve Lindsey on 01/16/2014, Abandon 669' - 2" PCS (WO#: NONE), 810' - 6" PCS (WO#: 62-2543), and 250' - 4" PE (WO#: 04-6356) in order to relocate for new I-49 overpass. Relocate with 1195' - 4" PE, 540' - 6" PE, and 805' - 6" Thinfilm. There are currently two services coming off of the existing 2" PCS on the West Outer Rd to the North that will need to be tied over. Main will lay along new right-of-way line, inside 30' utility easement purchased by MODOT. Project Location: I-49 and 1st St (NE 5th Rd); Pressure System: S-1; MOP: 35 psig; MAOP: 40 psig; Design: 58 psig; Test: 100 psig; ISRS \$71.43/ft		
	004337 Total	(4,837.02)		393.1009 (5) (C)	
20401133036	004343	(450.77)	Approved by: Kevin Driskell on 10/17/2013, Replace 4in CI with 30' of 4in PE due to Angle of Repose. Five feet of CI was exposed at 6111 Forest at 168' to 173' SSC of E. 61st. Work must be completed by Dec 14, 2013. Tie-over one service at 6111 Forest. COST PER FOOT \$697.00 Retire 30'-4in CI, 1925, JO1232; install 30'-4in PE main		
	004343 Total	(450.77)		393.1009 (5) (a) (b)	A,B,C,D,I

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
21235133051	004354	(650.68)	Approved by: Randy Spector on 10/23/2013, This work order is necessary to install a new ground bed and rectifier in the town of Lathrop to protect all steel main in the town. The sacrificial anodes are depleted to where there are several P/S readings below criteria. The new ground will have 5 3" X 60" anodes spaced at 15' intervals along South Street east of Mark Street in the bar ditch. Electrical work will be required by Shaw Electric. All installation will be drilled in by contractor and MGE crews will perform balancing and adjustments. This rectifier is designed to protect approximately 43,151' of 2" PCS, 11,989' of 3" PCS, 1,979' of 4" PCS and 1,690' of 6" PCS . Calculated current demand is 1.94 amps. This project will also require an Environmental Phase 1 desktop review.		
	004354 Total	(650.68)		393.1009 (5) (a), (b)	A, B, E
20515133033	004360	(295.94)	Approved by: Galen Shoemaker on 10/24/2013, *MODOT PERMIT REQUIRED* Relocate 4" PCS main due to MODOT adding a turn lane to East Bound 7th St. Abandon 115' - 4" PCS (WO#'s: 85-2948, 13-2616) and lay 110' - 4" thinfin. Project Location: 7th and Duquesne; Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; ISRS \$188.14/ft		
	004360 Total	(295.94)		393.1009 (5) (C)	
20513133101	004362	(127.22)	Approved by: Galen Shoemaker on 10/28/2013, (ISRS)Abandon 301' of 2in PBS (WO# None & 5538) due to cathodic protection issues with isolated bare steel and replace with 305' of 2in PE. Project Location: 2nd St S of Hunter Rd. Pressure System: S-1. MOP: 1.75 PSIG. MAOP: 1.75 PSIG. Design: 66 PSIG. Test: 100 PSIG. Price Per Foot: \$33.49.		
	004362 Total	(127.22)		393.1009 (5) (a) (b)	A,B,C
20317143417	004364	26,447.34	Approved by: Ralph Janes on 03/11/2014, Replace and abandon 732' - 2" pbs main (Unknown) by installing 730' - 2" pe main due to leakage under pavement. (ISRS)		
20317143417	004364	(151.33)	Approved by: Ralph Janes on 03/11/2014, Replace and abandon 732' - 2" pbs main (Unknown) by installing 730' - 2" pe main due to leakage under pavement. (ISRS)		
	004364 Total	26,296.01		393.1009 (5) (a) (b)	A,B,C
20401143391	004365	(1,572.84)	Approved by: Gary Williams on 03/12/2014, AOR. Replace 555'-4in CI with 4in PE due to angle of repose. Bell joint was exposed 12' NNCB of 13th and Askew. Tie over 8 services. Replace 3 services. This job must be completed by June 9, 2014. COST PER FOOT \$64.36		
	004365 Total	(1,572.84)		393.1009 (5) (a) (b)	A,B,C,D,I

Missouri Gas Energy - MGE

ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20201133218	004369	(3,150.43)	<p>Approved by: Steve Lindsey on 12/19/2013, Public Improvement: 26th / Glendale / Windsor Storm Improvements and 30th Street Culvert Replacement. The city proposes to replace the storm system along the west side of Glendale Ave from 27th Street to the culvert on 30th Street. There are also storm improvements in various locations on Windsor Ave. The 30th Street culvert is being replaced on a separate public improvement job. The existing mains on 29th, 30th, Glendale, and Winsdor are predominantly bare steel on the C-001 pressure system. The C-500 pressure system is available on both the east and west bounds of the project (Crysler and Santa Fe). All of 27th Street has already been replaced with PE main on the C-001 pressure system. We will replace all the PBS main with 5255' of 2" PE on the C-500 pressure system on WO# 13-3218. This is to be worked in conjunction with main replacement WO# 13-3170. DRS 74 will no longer be necessary upon completion of this WO and will be retired on WO# 13-3222. Finally, the existing PE mains in the area will be tied onto the C-500 pressure system in several locations on WO# 13-3224. Main to abandon: 3493' - 2" PBS (WO# JO5677); 398' - 2" PBS (WO# 13541); 75' - 2" PBS (WO# 13697); 585' - 2" PBS (WO# 13779); 31' - 2" PC (WO# 65-0125); 98' - 2" PCS (WO# 76-1196); 22' - 2" PE (WO# 79-4062); 200' - 2" PE (WO# 94-0796); 278' - 2" PE (WO# 02-3786); 106' - 4" PE (WO# 05-8381); 80' - 2" PCS (WO# 07-2265); 10' - 2" PE (WO# 08-5061). Price per ft = \$32.95 (ISRS)</p>		
20201133218	004369	-	<p>Approved by: Steve Lindsey on 12/19/2013, Public Improvement: 26th / Glendale / Windsor Storm Improvements and 30th Street Culvert Replacement. The city proposes to replace the storm system along the west side of Glendale Ave from 27th Street to the culvert on 30th Street. There are also storm improvements in various locations on Windsor Ave. The 30th Street culvert is being replaced on a separate public improvement job. The existing mains on 29th, 30th, Glendale, and Winsdor are predominantly bare steel on the C-001 pressure system. The C-500 pressure system is available on both the east and west bounds of the project (Crysler and Santa Fe). All of 27th Street has already been replaced with PE main on the C-001 pressure system. We will replace all the PBS main with 5255' of 2" PE on the C-500 pressure system on WO# 13-3218. This is to be worked in conjunction with main replacement WO# 13-3170. DRS 74 will no longer be necessary upon completion of this WO and will be retired on WO# 13-3222. Finally, the existing PE mains in the area will be tied onto the C-500 pressure system in several locations on WO# 13-3224. Main to abandon: 3493' - 2" PBS (WO# JO5677); 398' - 2" PBS (WO# 13541); 75' - 2" PBS (WO# 13697); 585' - 2" PBS (WO# 13779); 31' - 2" PC (WO# 65-0125); 98' - 2" PCS (WO# 76-1196); 22' - 2" PE (WO# 79-4062); 200' - 2" PE (WO# 94-0796); 278' - 2" PE (WO# 02-3786); 106' - 4" PE (WO# 05-8381); 80' - 2" PCS (WO# 07-2265); 10' - 2" PE (WO# 08-5061). Price per ft = \$32.95 (ISRS)</p>		
	004369 Total	(3,150.43)		393.1009 (5) (C)	
20902132967	004374	(1,309.64)	<p>Approved by: Ken Thomas on 09/12/2013, Main to abandon: 295' of 4in PBS from wo# NONE, 665' of 4in PBS from wo# A5508, 7' of 4in PCS from wo# 118121, 74' of 4" PCS from wo# 630632, 215' of 4in PCS from wo# 674473, 126' of 2in PCS from wo# 630855, and 523' of 2" PCS from wo# 624509. Replace with 365' of 4in PE and 1515' of 2in PE on WO# 13-2967. There have been several leaks in this area and the City is planning a storm project across where part of our main is exposed. The railroad has abandoned this section and has removed the track. ISRS</p>		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20902132967	004374	48,053.65	Approved by: Ken Thomas on 09/12/2013, Main to abandon: 295' of 4in PBS from wo# NONE, 665' of 4in PBS from wo# A5508, 7' of 4in PCS from wo# 118121, 74' of 4" PCS from wo# 630632, 215' of 4in PCS from wo# 674473, 126' of 2in PCS from wo# 630855, and 523' of 2" PCS from wo# 624509. Replace with 365' of 4in PE and 1515' of 2in PE on WO# 13-2967. There have been several leaks in this area and the City is planning a storm project across where part of our main is exposed. The railroad has abandoned this section and has removed the track. ISRS		
20902132967	004374	(5,700.68)	Approved by: Ken Thomas on 09/12/2013, Main to abandon: 295' of 4in PBS from wo# NONE, 665' of 4in PBS from wo# A5508, 7' of 4in PCS from wo# 118121, 74' of 4" PCS from wo# 630632, 215' of 4in PCS from wo# 674473, 126' of 2in PCS from wo# 630855, and 523' of 2" PCS from wo# 624509. Replace with 365' of 4in PE and 1515' of 2in PE on WO# 13-2967. There have been several leaks in this area and the City is planning a storm project across where part of our main is exposed. The railroad has abandoned this section and has removed the track. ISRS		
20902132967	004374	2,866.12	Approved by: Ken Thomas on 09/12/2013, Main to abandon: 295' of 4in PBS from wo# NONE, 665' of 4in PBS from wo# A5508, 7' of 4in PCS from wo# 118121, 74' of 4" PCS from wo# 630632, 215' of 4in PCS from wo# 674473, 126' of 2in PCS from wo# 630855, and 523' of 2" PCS from wo# 624509. Replace with 365' of 4in PE and 1515' of 2in PE on WO# 13-2967. There have been several leaks in this area and the City is planning a storm project across where part of our main is exposed. The railroad has abandoned this section and has removed the track. ISRS		
	004374 Total	43,909.45		393.1009 (5) (a) (b)	A,B,C
20401143389	004375	(399.68)	Approved by: Gary Williams on 03/17/2014, AOR. Replace 8in CI with 50'-8in thin film. Parallel excavation from 256' SSCB to 281' SSCB of 57th. Bell joint was exposed 277' SSCB of 57th and 6' EECB of Troost. This job must be completed by May 15, 2014. Retire 50'-8in CI, N37P44, year 1921.		
	004375 Total	(399.68)		393.1009 (5) (a) (b)	A,B,C,D,I
21001143303	004376	(480.27)	Approved by: Gary Williams on 03/17/2014, To lay 558' of 4"PE main to replace 558' of 4" bare steel main due to down project. Also replace 180'of 2" cs with 2"PE. Cost per foot:\$34.36. ID:C-O1: MOP :14oz MAOP:21oz Design MAOP:14oz Pressure Test: 100 PSIG.		
	004376 Total	(480.27)		393.1009 (5) (a) (b)	A,B,C
20501133245	004379	(363.06)	Approved by: Galen Shoemaker on 12/30/2013, Replace 410' - 3" PBS (WO#: 11450), 20' - 2" PBS (WO#: 3700), and 8' - 2" PE (WO#: 94-0996) with 430' - 2" PE to clear two active #3 Leaks (Leak No's: 10-074, 10-127) and provide plastic main for future replacement projects in this area. Project Location: 19th and Harlem; Pressure System: C-2; MOP: 1.50 psig; MAOP: 1.50 psig; Design: 58 psig; Test: 100 psig; ISRS \$62.43/ft		
20501133245	004379	-	Approved by: Galen Shoemaker on 12/30/2013, Replace 410' - 3" PBS (WO#: 11450), 20' - 2" PBS (WO#: 3700), and 8' - 2" PE (WO#: 94-0996) with 430' - 2" PE to clear two active #3 Leaks (Leak No's: 10-074, 10-127) and provide plastic main for future replacement projects in this area. Project Location: 19th and Harlem; Pressure System: C-2; MOP: 1.50 psig; MAOP: 1.50 psig; Design: 58 psig; Test: 100 psig; ISRS \$62.43/ft		
	004379 Total	(363.06)		393.1009 (5) (a) (b)	A,B,C

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20401132618	004380	162,833.78	Approved by: Rob Hack on 08/15/2013, Build a double run 8" regulator station at LS Rd and 52nd Street as part of the Lee's Summit Road Improvements (40 Hwy to Anderson) public improvement project. The 12" Grain Valley lateral (pressure system C-225: MOP = 125 psig, MAOP = 245 psig) terminates at Lee's Summit road, feeding the 8" and 16" C-100 pressure system (MOP = 125 psig, MAOP = 155 psig). Currently there is no regulator station at this location - just SCADA monitoring. We are replacing the 8" and 16" lines with a single 20" line (on WO# 13-2520) and will build DRS 100 on WO# 13-2618 to separate the two systems.		
20401132618	004380	(831.58)	Approved by: Rob Hack on 08/15/2013, Build a double run 8" regulator station at LS Rd and 52nd Street as part of the Lee's Summit Road Improvements (40 Hwy to Anderson) public improvement project. The 12" Grain Valley lateral (pressure system C-225: MOP = 125 psig, MAOP = 245 psig) terminates at Lee's Summit road, feeding the 8" and 16" C-100 pressure system (MOP = 125 psig, MAOP = 155 psig). Currently there is no regulator station at this location - just SCADA monitoring. We are replacing the 8" and 16" lines with a single 20" line (on WO# 13-2520) and will build DRS 100 on WO# 13-2618 to separate the two systems.		
20401132618	004380	2,739.95	Approved by: Rob Hack on 08/15/2013, Build a double run 8" regulator station at LS Rd and 52nd Street as part of the Lee's Summit Road Improvements (40 Hwy to Anderson) public improvement project. The 12" Grain Valley lateral (pressure system C-225: MOP = 125 psig, MAOP = 245 psig) terminates at Lee's Summit road, feeding the 8" and 16" C-100 pressure system (MOP = 125 psig, MAOP = 155 psig). Currently there is no regulator station at this location - just SCADA monitoring. We are replacing the 8" and 16" lines with a single 20" line (on WO# 13-2520) and will build DRS 100 on WO# 13-2618 to separate the two systems.		
	004380 Total	164,742.15		393.1009 (5) (C)	
20401133242	004381	13.59	Approved by: Kevin Driskell on 12/31/2013, ISRS LAY 15'-3" TF STEEL TO GO AROUND SEWER MAIN. TWO WAY FEED. ABANDON 8'-3" BS (B26P90)		
	004381 Total	13.59		393.1009 (5) (C)	
20201133049	004382	(124.35)	Approved by: Randy Spector on 11/08/2013, This work order is necessary to replace the existing ground bed and rectifier originally installed on work order 79-0234. The ground bed is depleted to where there are several P/S readings below criteria. The new ground will have 10 3" X 60" anodes spaced at 15' intervals in a private easement acquired previously on the Three Trials Elementary school property. Anodes will be drilled in by contractor and MGE crews will complete installation. This rectifier is designed to protect approximately 1,200' of 4" PCS and 6,500' of 4" PBS main. The current demand is approximately 11.38 amps.		
	004382 Total	(124.35)		393.1009 (5) (a), (b)	A, B, E
20902143326	004385	(89.13)	Approved by: Ralph Janes on 02/05/2014, Replace and retire 50' - 2" pcs main (A9142B) which is leaking with 50' - 2" pe.		
	004385 Total	(89.13)		393.1009 (5) (a) (b)	A,B
20401143328	004387	(34.44)	Approved by: Steve Holcomb on 02/18/2014, ISRS Replace Cast Iron due to leak (number 451). Abandon: 492' of 4" CI (no original WO available). 255' of 12" CI (WO - B14P87). 65' of 6" CI (WO- 2892). 27' of 12" CS (WO- 96-3461). Install: 500' of 4" PE. 379' of 6" PE (13-3030). Service tie overs 12. See tie in procedures in packet.		
20401143328	004387	(0.05)	Approved by: Steve Holcomb on 02/18/2014, ISRS Replace Cast Iron due to leak (number 451). Abandon: 492' of 4" CI (no original WO available). 255' of 12" CI (WO - B14P87). 65' of 6" CI (WO- 2892). 27' of 12" CS (WO- 96-3461). Install: 500' of 4" PE. 379' of 6" PE (13-3030). Service tie overs 12. See tie in procedures in packet.		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20401143328	004387	(1,935.85)	Approved by: Steve Holcomb on 02/18/2014, ISRS Replace Cast Iron due to leak (number 451). Abandon: 492' of 4" CI (no original WO available). 255' of 12" CI (WO - B14P87). 65' of 6" CI (WO- 2892). 27' of 12" CS (WO- 96-3461). Install: 500' of 4" PE. 379' of 6" PE (13-3030). Service tie overs 12. See tie in procedures in packet.		
20401143328	004387	0.05	Approved by: Steve Holcomb on 02/18/2014, ISRS Replace Cast Iron due to leak (number 451). Abandon: 492' of 4" CI (no original WO available). 255' of 12" CI (WO - B14P87). 65' of 6" CI (WO- 2892). 27' of 12" CS (WO- 96-3461). Install: 500' of 4" PE. 379' of 6" PE (13-3030). Service tie overs 12. See tie in procedures in packet.		
	004387 Total	(1,970.29)		393.1009 (5) (a) (b)	A,B,C,D,I
20308143365	004389	(19.86)	Approved by: Ralph Janes on 02/24/2014, Replace and abandon 14' - 2" pbs main (29670), 121' - 2" pbs main (12313), 360' - 2" pbs main (35202) and 74' - 2" pcs main (E18785) by installing 410' - 2" pe main to allow the City to repave the street with out our needing to cut the new pavement in the future. (ISRS)		
	004389 Total	(19.86)		393.1009 (5) (C)	
20908143266	004394	1,337.30	Approved by: Steve Lindsey on 03/18/2014, MoDOT Project J4P1475. This work order is written for the 6" PE and 2" PE relocation on Commercial, Rock Haven, and Plaza only. WO# 14-3265 is written to relocate 8" PCS in private easements along 291 for the same MoDOT project at MoDOT's expense. We are relocating 1659' - 6" PE, 208' of 2" PE, 10' of 2" thin film, and 165' of 1-1/4" PE. The 6" PE will be run west across Rock Haven replacing 2" PCS due to the growth to the area since the original main was installed in the 1960's. The 1-1/4" PE main will be run to serve three meters on the SW corner of the intersection due to new storm installation and grading. Main to abandon: 467' - 2" PCS (WO# 68-3227); 368' - 2" PCS (WO# 65-7197); 8' - 2" PCS (WO# 87-3251); 180' - 6" PCS (WO# 87-3251); 35' - 2" PCS (WO# 84-4830); 573' - 6" PCS (WO# 63-0397); 142' - 2" PCS (WO# 84-4313). (ISRS) Price per ft = \$81.12		
20908143266	004394	97,223.13	Approved by: Steve Lindsey on 03/18/2014, MoDOT Project J4P1475. This work order is written for the 6" PE and 2" PE relocation on Commercial, Rock Haven, and Plaza only. WO# 14-3265 is written to relocate 8" PCS in private easements along 291 for the same MoDOT project at MoDOT's expense. We are relocating 1659' - 6" PE, 208' of 2" PE, 10' of 2" thin film, and 165' of 1-1/4" PE. The 6" PE will be run west across Rock Haven replacing 2" PCS due to the growth to the area since the original main was installed in the 1960's. The 1-1/4" PE main will be run to serve three meters on the SW corner of the intersection due to new storm installation and grading. Main to abandon: 467' - 2" PCS (WO# 68-3227); 368' - 2" PCS (WO# 65-7197); 8' - 2" PCS (WO# 87-3251); 180' - 6" PCS (WO# 87-3251); 35' - 2" PCS (WO# 84-4830); 573' - 6" PCS (WO# 63-0397); 142' - 2" PCS (WO# 84-4313). (ISRS) Price per ft = \$81.12		
20908143266	004394	5,658.63	Approved by: Steve Lindsey on 03/18/2014, MoDOT Project J4P1475. This work order is written for the 6" PE and 2" PE relocation on Commercial, Rock Haven, and Plaza only. WO# 14-3265 is written to relocate 8" PCS in private easements along 291 for the same MoDOT project at MoDOT's expense. We are relocating 1659' - 6" PE, 208' of 2" PE, 10' of 2" thin film, and 165' of 1-1/4" PE. The 6" PE will be run west across Rock Haven replacing 2" PCS due to the growth to the area since the original main was installed in the 1960's. The 1-1/4" PE main will be run to serve three meters on the SW corner of the intersection due to new storm installation and grading. Main to abandon: 467' - 2" PCS (WO# 68-3227); 368' - 2" PCS (WO# 65-7197); 8' - 2" PCS (WO# 87-3251); 180' - 6" PCS (WO# 87-3251); 35' - 2" PCS (WO# 84-4830); 573' - 6" PCS (WO# 63-0397); 142' - 2" PCS (WO# 84-4313). (ISRS) Price per ft = \$81.12		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20908143266	004394	(154.51)	Approved by: Steve Lindsey on 03/18/2014, MoDOT Project J4P1475. This work order is written for the 6" PE and 2" PE relocation on Commercial, Rock Haven, and Plaza only. WO# 14-3265 is written to relocate 8" PCS in private easements along 291 for the same MoDOT project at MoDOT's expense. We are relocating 1659' - 6" PE, 208' of 2" PE, 10' of 2" thin film, and 165' of 1-1/4" PE. The 6" PE will be run west across Rock Haven replacing 2" PCS due to the growth to the area since the original main was installed in the 1960's. The 1-1/4" PE main will be run to serve three meters on the SW corner of the intersection due to new storm installation and grading. Main to abandon: 467' - 2" PCS (WO# 68-3227); 368' - 2" PCS (WO# 65-7197); 8' - 2" PCS (WO# 87-3251); 180' - 6" PCS (WO# 87-3251); 35' - 2" PCS (WO# 84-4830); 573' - 6" PCS (WO# 63-0397); 142' - 2" PCS (WO# 84-4313). (ISRS) Price per ft = \$81.12		
20908143266	004394	(1,826.47)	Approved by: Steve Lindsey on 03/18/2014, MoDOT Project J4P1475. This work order is written for the 6" PE and 2" PE relocation on Commercial, Rock Haven, and Plaza only. WO# 14-3265 is written to relocate 8" PCS in private easements along 291 for the same MoDOT project at MoDOT's expense. We are relocating 1659' - 6" PE, 208' of 2" PE, 10' of 2" thin film, and 165' of 1-1/4" PE. The 6" PE will be run west across Rock Haven replacing 2" PCS due to the growth to the area since the original main was installed in the 1960's. The 1-1/4" PE main will be run to serve three meters on the SW corner of the intersection due to new storm installation and grading. Main to abandon: 467' - 2" PCS (WO# 68-3227); 368' - 2" PCS (WO# 65-7197); 8' - 2" PCS (WO# 87-3251); 180' - 6" PCS (WO# 87-3251); 35' - 2" PCS (WO# 84-4830); 573' - 6" PCS (WO# 63-0397); 142' - 2" PCS (WO# 84-4313). (ISRS) Price per ft = \$81.12		
	004394 Total	102,238.08			393.1009 (5) (C)
20201133137	004396	(7,974.11)	Approved by: Steve Lindsey on 11/26/2013, Replace and abandon 219' - 1'1/4" pbs main (wo Unknown in 1926), 120' - 2" pbs main (wo 31006 in 1951), 106' - 4" pcs main (wo 82-1072), 144' - 4" pbs main (wo 30488 in 1950), 107' - 6" pbs main (wo 32567 in 1951), 835' of 6" PBS main (wo 149), 6487' - 4" pbs main (wo 149 in 1926), 130' of 4" PBS main (wo 26470), and 1132' of 4" PBS main (wo A2732) by installing 9325' of 2" PE and 285' of 4" PE on WO# 13-3137. By tying into the intermediate pressure system C-175 (MOP=52 psig and MAOP=58 psig) we are able to run 2" PE which will allow us to eventually remove 3 District Regulator Stations. We have replaced some bare steel main in this neighborhood due to leakage in 1997, on 2 different work orders in 2003, in 2005 and on 2 different work orders in 2012. We currently have a crew replacing more of the 1926 vintage bare steel on Smart Ave on work order 13-2920 due to leakage. We have cleared/repared 19 leaks on the main in this work order since LDS went online and have one active leak. Since we have a crew there now we believe it is prudent to keep them there to get rid of the rest of the bare main in the area while we prioritize and design for the accelerated main replacement program. Pressure System C-001 MOP = 1.38 psig and MAOP = 1.5 psig. Cost per foot = \$28.41 (ISRS)		
	004396 Total	(7,974.11)			393.1009 (5) (a) (b)
20901050309	004400	463.42	Line Locates - Service Line Replacements Only (Lee's Summit - South Region)		
	004400 Total	463.42			393.1009 (5) (a) (b)
20801050362	004407	(3.04)	Service/Yard Line Replacement (SLRP): Company Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Monett - South Region)		
	004407 Total	(3.04)			393.1009 (5) (a) (b)
21001050363	004408	(5.08)	Service/Yard Line Replacement (SLRP): Company Crew. Block by Block - Planned replacement of all unprotected steel or copper in a single block. (Monett - South Region)		
	004408 Total	(5.08)			393.1009 (5) (a) (b)

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20801050370	004413	(383.88)	Service/Yard Line Replacement (SLRP): Contract Crew. Immediate response - replacement single unprotected steel or copper (Monett - South Region)		
	004413 Total	(383.88)		393.1009 (5) (a) (b)	A,B,C,I
20901050370	004414	260,099.33	Service/Yard Line Replacement (SLRP): Contract Crew. Immediate response - replacement single unprotected steel or copper (Lee's Summit - East Region)		
20901050370	004414	100,421.51	Service/Yard Line Replacement (SLRP): Contract Crew. Immediate response - replacement single unprotected steel or copper (Lee's Summit - East Region)		
20901050370	004414	46,466.60	Service/Yard Line Replacement (SLRP): Contract Crew. Immediate response - replacement single unprotected steel or copper (Lee's Summit - East Region)		
20901050370	004414	24,356.41	Service/Yard Line Replacement (SLRP): Contract Crew. Immediate response - replacement single unprotected steel or copper (Lee's Summit - East Region)		
	004414 Total	431,343.85		393.1009 (5) (a) (b)	A,B,C,I
21001050301	004416	3,438.85	Replacement and/or removal of existing protected steel or plastic (St. Joseph)		
21001050301	004416	5,829.85	Replacement and/or removal of existing protected steel or plastic (St. Joseph)		
21001050301	004416	5,494.87	Replacement and/or removal of existing protected steel or plastic (St. Joseph)		
21001050301	004416	5,423.03	Replacement and/or removal of existing protected steel or plastic (St. Joseph)		
	004416 Total	20,186.60		393.1009 (5) (a) (b)	A,B,C,I
20501132307	004422	50.89	Approved by: Galen Shoemaker on 01/07/2013, Abandon 336' - 3in PBS (WO#'s: 4537, A1865) and 211' - 3in PCS (WO#: 36870) and replace with 560' - 4in PE to clear three (3) - #3 Leaks (Leak No's: 08-0083, 08-0084, 08-0085) due 4/11/2013. Project Location: 41st and Pennsylvania; Pressure System: C-3; MOP: 8.00 psig; MOAP: 8.50 psig; Design: 58 psig; Test: 100 psig; ISRS \$44.35/ft		
	004422 Total	50.89		393.1009 (5) (a) (b)	A,B,C
20201132511	004427	(1,362.37)	Approved by: Rob Hack on 04/05/2013, Main to abandon: 856' of 4in PCS from wo# A9939, 331' of 4in PBS from wo# A4826, 1901' of 2in PBS from wo# A1191B, 105' 2in PCS from wo# 630987, 49' of 2in PBS from wo# 46994, 23' of 2in PBS from wo# 37319, 2' of 4in PCS from wo# 744910, 1057' of 4in PBS from wo# A1191A, 20' of 4in PCS and 12' of 2in PCS from wo# 096036, 20' of 4in PE and 12' of 2in PE from wo# 840984, 14' of 2" PE from wo# 38339, 32' of 2" PE from wo# 096086, 73' of 2in PE from wo# 842766, 36' of 2in PBS from wo# 35006, 126' of 2in PCS from wo# 721342, and 2' of 4in PE from wo# 801163. Replace with 5,040' of 2in PE on wo# 13-2511. New 2in PE main will tie into the 8in PCS main (wo# 642364) changing the pressure system of the replaced portion of main from C-025 (MOP and MAOP = 1.13 psig) to C-500 (MOP = 30 psig and MAOP = 44 psig). Tie all affected service lines over to new 2" PE main. These services will change to the C-500 pressure system. All services have adequate tests except for 812 Saville and 1102 Hayward. We need to retest these 2 services to standards. Regulator orifices will need to be changed on the tied over services to accomodate for the higher pressure system. Existing low pressure main had water in it affecting a few services. Plan to budget future replacements with high pressure main eventually resulting in the removal of 3 district regulator stations. (ISRS)		
	004427 Total	(1,362.37)		393.1009 (5) (a) (b)	A,B,C
20401132518	004428	(283.43)	Approved by: Gary Williams on 04/08/2013, Replace 40'-12in bare steel and 4'-3in bare steel, work orders unknow. Replaced with 40'-12in TF Steel main. This work order was necessary due to leak on 12in steel main.		
	004428 Total	(283.43)		393.1009 (5) (a) (b)	A,B,C

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20301118253	004430	(386.84)	Approved by: Randy Spector on 11/10/2011, ISRS This work order is necessary to replace the existing rectifier that was destroyed by lightning and replace the existing groundbed all installed on work order 74-2095. Then, install ten 4in X 82in graphite anodes and a 60V 30A Rectifier on Pertle Drive. After the installation of the new groundbed investigations will be done to attempt to eliminate rectifier/groundbed W0256 located County road N.of Montserrat, original installation 77-0785, which is creating issues with the 8in high pressure feeder main installed in 2000. Thence, also attempt to eleiminate rectifier/groundbed W0164, original installation 75-0302 which circuit resistivity is at 4.6 ohms indicating the groundbed is depleting.		
20301118253	004430	-	Approved by: Randy Spector on 11/10/2011, ISRS This work order is necessary to replace the existing rectifier that was destroyed by lightning and replace the existing groundbed all installed on work order 74-2095. Then, install ten 4in X 82in graphite anodes and a 60V 30A Rectifier on Pertle Drive. After the installation of the new groundbed investigations will be done to attempt to eliminate rectifier/groundbed W0256 located County road N.of Montserrat, original installation 77-0785, which is creating issues with the 8in high pressure feeder main installed in 2000. Thence, also attempt to eleiminate rectifier/groundbed W0164, original installation 75-0302 which circuit resistivity is at 4.6 ohms indicating the groundbed is depleting.		
	004430 Total	(386.84)		393.1009 (5) (a), (b)	A, B, E
21219133193	004442	(6.15)	Approved by: Kevin Driskell on 01/13/2014, Replace 19'-3in PCS with 3" PCS due to new storm sewer conflict. Work done my MGE crew. Retire 7'-3in PCS, year 1962, 62-1512		
	004442 Total	(6.15)		393.1009 (5) (C)	
20401132788	004443	(725.84)	Approved by: Gary Williams on 09/05/2013, (ISRS). AOR. Replace 60' of 6in CI (work order unknown) with 60'-6in PE due to angle of repose. Coupling was exposed at 12' NNCB of Independence and 6' EWCB of Askew. Take out cross at intersection of Independence and Askew. North tie-in needs to be 10' north of coupling exposure. Job must be completed by Oct. 24, 2013.		
	004443 Total	(725.84)		393.1009 (5) (a) (b)	A,B,C,D,I
20401133204	004444	(176.28)	Approved by: Kevin Driskell on 12/06/2013, Replacing 20ft-2in cs (WO# N/A) service line with 280ft-2in pe service line. Due to leak on main will need to reroute service line to a different main 4in pe (WO#93-2450).		
	004444 Total	(176.28)		393.1009 (5) (a) (b)	A,B,D
20317132851	004448	(536.53)	Approved by: Ralph Janes on 07/31/2013, Main to abandon: 10' of 4in PBS from wo-none, 10' of 4in PBS from wo A1804, and 15' of 6in PBS from wo A1804. Replace with 25' of 6in thin film and 10' of 4in thin film on WO# 13-2851. Remove 2 existing 4in gate valves. There is leakage in the home-made "Y"; where the 6in main reduces into two "Y"s; PBS mains.		
	004448 Total	(536.53)		393.1009 (5) (a) (b)	A,B,C
20501133062	004450	77,100.09	Approved by: Ken Thomas on 10/18/2013, Abandon 557' - 4" PBS (WO#'s: 3754A, 51036), 405' - 4" PCS (WO#: 74-3919), and 275' - 4" PE (WO#: 89-1692) and relocate with 1250' - 4" PE and 120' - 8" PE casing due to proposed railroad overpass. Project Location: 20th and Wisconsin; Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; *Project to be completed once the City of Joplin has purchased necessary R/W.* \$47.57/ft ISRS		
	004450 Total	77,100.09		393.1009 (5) (C)	

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

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21219132924	004453	24.81	Approved by: Kevin Driskell on 09/05/2013, This work order is necessary to clear leak due to corrosion on 3inch gas main. Install 15'-3in TF steel main; retire 15'-3in PCS main, year 1962, wo 62-1512.		
	004453 Total	24.81		393.1009 (5) (a) (b)	A,B
20813133159	004459	(175.31)	Approved by: Ken Thomas on 11/20/2013, Abandon 303' - 2' PBS (WO#'s: J07262, 60285) and replace with 310' - 2" PE due to history of leakage and isolated bare steel. Project Location: Geneve and Main; Pressure System: S-1; MOP: 20 psig; MAOP: 20 psig; Design: 58 psig; Test: 100 psig; ISRS \$44.70/ft		
	004459 Total	(175.31)		393.1009 (5) (a) (b)	A,B,C
20401132399	004460	(674,262.30)	Approved by: Steve Lindsey on 11/20/2013, (ISRS). Lay 2,137'-6in PE, 656'-4in PE due to public improvement project. Contractor needs to take pictures and video of work area before work has started and after work has been completed. Contact Chris Collins (472-3413) 1 week prior to start of work to schedule staking. See tie-in procedure. Retire 1862'-10in CI, WO unknown; 11'-8in CI, WO unknown; 97'-6in CI, WO unknown; 10'-4in CI, WO unknown; 110'-12in PCS, WO 03-5153, year 2003; 4'-10in PCS, WO 03-5153, year 2003; 90'-2in PCS, WO 71-6098, year 1971; 578'-4in PE, WO 03-5153, year 2003; 100'-2in PE, WO 03-5153, year 2003.		
20401132399	004460	660,836.46	Approved by: Steve Lindsey on 11/20/2013, (ISRS). Lay 2,137'-6in PE, 656'-4in PE due to public improvement project. Contractor needs to take pictures and video of work area before work has started and after work has been completed. Contact Chris Collins (472-3413) 1 week prior to start of work to schedule staking. See tie-in procedure. Retire 1862'-10in CI, WO unknown; 11'-8in CI, WO unknown; 97'-6in CI, WO unknown; 10'-4in CI, WO unknown; 110'-12in PCS, WO 03-5153, year 2003; 4'-10in PCS, WO 03-5153, year 2003; 90'-2in PCS, WO 71-6098, year 1971; 578'-4in PE, WO 03-5153, year 2003; 100'-2in PE, WO 03-5153, year 2003.		
	004460 Total	(13,425.84)		393.1009 (5) (C)	
20201143317	004463	4,065.05	Approved by: Ralph Janes on 01/29/2014, Public Improvement: US 24 Sidewalk Improvements: Brookside Ave to Overton Ave. Federal Project No STP-3379[428]. Independence Project No. 70511201. We have dual mains on 24 Hwy fed from Overton, dead ending to the west near Arlington. The main on the north is 2" PBS and the main on the south is 2" PE. City of Indep is proposing sidewalk improvements on the north side of 24. If we tie over three services currently fed by the 2" PBS to the 2" PE on the south side we can abandon all of the 2" PBS main. Note: the service to 9610 E 24 Hwy is a SLRP and will be charged to the SLRP BWO. The existing road crossing along Overton at 24 Hwy is already isolated steel main. Replace the road crossing with 100' of 4" PE. Main to abandon: 66' - 2" PBS (WO# 27491); 220' - 2" PBS (WO# 26820); 271' - 2" PBS (WO# 26471); 81' - 4" PCS (WO# 70-1116); 67' - 2" PCS (WO# 69-5976); 12' - 4" PCS (WO# 09-6151). (ISRS)		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

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20201143317	004463	(14,831.49)	Approved by: Ralph Janes on 01/29/2014, Public Improvement: US 24 Sidewalk Improvements: Brookside Ave to Overton Ave. Federal Project No STP-3379[428]. Independence Project No. 70511201. We have dual mains on 24 Hwy fed from Overton, dead ending to the west near Arlington. The main on the north is 2" PBS and the main on the south is 2" PE. City of Indep is proposing sidewalk improvements on the north side of 24. If we tie over three services currently fed by the 2" PBS to the 2" PE on the south side we can abandon all of the 2" PBS main. Note: the service to 9610 E 24 Hwy is a SLRP and will be charged to the SLRP BWO. The existing road crossing along Overton at 24 Hwy is already isolated steel main. Replace the road crossing with 100' of 4" PE. Main to abandon: 66' - 2" PBS (WO# 27491); 220' - 2" PBS (WO# 26820); 271' - 2" PBS (WO# 26471); 81' - 4" PCS (WO# 70-1116); 67' - 2" PCS (WO# 69-5976); 12' - 4" PCS (WO# 09-6151). (ISRS)		
20201143317	004463	14,831.49	Approved by: Ralph Janes on 01/29/2014, Public Improvement: US 24 Sidewalk Improvements: Brookside Ave to Overton Ave. Federal Project No STP-3379[428]. Independence Project No. 70511201. We have dual mains on 24 Hwy fed from Overton, dead ending to the west near Arlington. The main on the north is 2" PBS and the main on the south is 2" PE. City of Indep is proposing sidewalk improvements on the north side of 24. If we tie over three services currently fed by the 2" PBS to the 2" PE on the south side we can abandon all of the 2" PBS main. Note: the service to 9610 E 24 Hwy is a SLRP and will be charged to the SLRP BWO. The existing road crossing along Overton at 24 Hwy is already isolated steel main. Replace the road crossing with 100' of 4" PE. Main to abandon: 66' - 2" PBS (WO# 27491); 220' - 2" PBS (WO# 26820); 271' - 2" PBS (WO# 26471); 81' - 4" PCS (WO# 70-1116); 67' - 2" PCS (WO# 69-5976); 12' - 4" PCS (WO# 09-6151). (ISRS)		
	004463 Total	4,065.05		393.1009 (5) (C)	
20816143338	004464	(115.28)	Approved by: Galen Shoemaker on 02/03/2014, To lay 56ft of 2in Plastic Main to lower and relocate Main so it will not be in conflict with storm drain. This will retire 26ft of 2in Coated Steel Main from WO 74-2276 and 18ft of 2in Coated Steel from WO 62-5695. MOP=44# MAOP=44# SYSTEM=C-1 TEST=100#. ISRS.		
	004464 Total	(115.28)		393.1009 (5) (C)	
20401132966	004468	(912.44)	Approved by: Gary Williams on 09/27/2013, AOR. Replace 120 feet of 4IN CI with 120'-4IN PE due to angle of repose. Main is in angle of repose due to parallel excavation of water line. AOR occurred on the NW corner of Wayne and E 33rd. Exact location not noted in Dig Track. NOTE: 20" PCS HIGH PRESSURE MAIN IS AREA. JOB MUST BE COMPLETED BY NOV, 20, 2013. COST PER FOOT \$278.58 RETIRE 120'-4IN CAST IRON, YEAR 1922		
	004468 Total	(912.44)		393.1009 (5) (a) (b)	A,B,C,D,I
20815132957	004474	18.21	Approved by: Galen Shoemaker on 09/09/2013, Replace fuses due to unqualified personell making fuses. Infrasource will pay for all material, time and equipment due to this work as they go along. Crew will indicate on map where they have replaced fuses. Project Location: Thistle and Cover; Pressure System: C-2301; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig;		
20815132957	004474	(0.08)	Approved by: Galen Shoemaker on 09/09/2013, Replace fuses due to unqualified personell making fuses. Infrasource will pay for all material, time and equipment due to this work as they go along. Crew will indicate on map where they have replaced fuses. Project Location: Thistle and Cover; Pressure System: C-2301; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig;		
	004474 Total	18.13		393.1009 (5) (a) (b)	A,B

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20901133138	004477	(33.92)	Approved by: Ralph Janes on 11/07/2013, Public Improvement: Country Lane Storm. Install a 3'x10'x3' 2" PE dogleg to resolve conflict with new 4'x4' curb inlet. Relocate main on SW corner of Country Lane and Columbus for new storm and relocated water line thrust blocks. We will temporarily cut and cap the 3" main to allow the contractor to complete this work, then return to reconnect the mains. It is proposed to install 5' pups of 2" pipe on all temporary cut/caps in order to make the reconnection easier. Total main to install: 124' - 2" PE and 10' - 3" PE (pups required for electrofusion couplings). Total main to abandon: 90' - 3" PE (WO# 78-3836). (ISRS)	393.1009 (5) (C)	
	004477 Total	(33.92)			
20401132728	004480	(1,136.64)	Approved by: Rob Hack on 07/19/2013, Storm Drainage Improvements in the area of Marlborough will require Gas mains to be relocated at a lower depth. Pressure system is C-051. 4in PE will replace BS and CS on 80th St. from Montgall to Bellefontaine, 8039 S. Benton, and 2in CS will replace CS on 8013 Montgall ave. Marked intersections will be 60in deep and S. Benton replacement will be 48in deep. Construction drawings in Adam Hauck's office.	393.1009 (5) (C)	
	004480 Total	(1,136.64)			
21001132797	004481	(42.20)	Approved by: Gary Williams on 07/22/2013, This work order is necessary to replace 518ft-4in bs main (WO#11516) with 4in pe (WO#13-2797) due to low reads. Pressure System C-01 Pressure .88.	393.1009 (5) (a) (b)	A,B,C
	004481 Total	(42.20)			
21213132956	004483	10.48	Approved by: Kevin Driskell on 09/23/2013, Repalce 21' of 2" PCS (WO # 64-5275) due to leak.	393.1009 (5) (a) (b)	A,B
	004483 Total	10.48			
21271133034	004485	(187.92)	Approved by: Kevin Driskell on 10/02/2013, ISRS This work order is necessary for Public Improvement Improvement project. The 8" PCS main is in conflict of storm structure. Retire 20" of 8" PCS main and install 20' of 8" PCS main. System= C-055, MOP= 90PSIG, MAOP= 90PSIG, Test Pressure= 135PSIG.	393.1009 (5) (C)	
	004485 Total	(187.92)			
20802132875	004486	5.21	Approved by: Galen Shoemaker on 08/26/2013, To replace 6ft of 2in Coated Steel Main from WO 724646 and 4ft of 2in Coated Steel Main from WO 801479 at intersection due to leakage and poor condition of main. MOP=30# MAOP=31# SYSTEM=S-6 TEST=100#	393.1009 (5) (a) (b)	A,B
	004486 Total	5.21			
20401132756	004488	(193.20)	Approved by: Ken Thomas on 07/01/2013, Replace 45' of 12in PBS wo unknown with 36' of 12in PCS due to leak on the gate valve. Pressure system C-175KCLS. Job was completed on 3-15-2013.	393.1009 (5) (a) (b)	A,B,C
	004488 Total	(193.20)			
20501050363	004498	453.16	Approved by: Ken Thomas on 07/01/2013, Replace 45' of 12in PBS wo unknown with 36' of 12in PCS due to leak on the gate valve. Pressure system C-175KCLS. Job was completed on 3-15-2013.		
20501050363	004498	434.13	Approved by: Ken Thomas on 07/01/2013, Replace 45' of 12in PBS wo unknown with 36' of 12in PCS due to leak on the gate valve. Pressure system C-175KCLS. Job was completed on 3-15-2013.		
20501050363	004498	425.66	Approved by: Ken Thomas on 07/01/2013, Replace 45' of 12in PBS wo unknown with 36' of 12in PCS due to leak on the gate valve. Pressure system C-175KCLS. Job was completed on 3-15-2013.		
20501050363	004498	332.20	Approved by: Ken Thomas on 07/01/2013, Replace 45' of 12in PBS wo unknown with 36' of 12in PCS due to leak on the gate valve. Pressure system C-175KCLS. Job was completed on 3-15-2013.		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
	004498 Total	1,645.15		393.1009 (5) (a) (b)	A,B,C,I
20501050367	004499	642.49	Service/Yard Line Replacement (SLRP): Company Crew. Service/yard line replacement - Material Charges Only (Joplin - South Region)		
20501050367	004499	(743.20)	Service/Yard Line Replacement (SLRP): Company Crew. Service/yard line replacement - Material Charges Only (Joplin - South Region)		
20501050367	004499	20.29	Service/Yard Line Replacement (SLRP): Company Crew. Service/yard line replacement - Material Charges Only (Joplin - South Region)		
20501050367	004499	64.27	Service/Yard Line Replacement (SLRP): Company Crew. Service/yard line replacement - Material Charges Only (Joplin - South Region)		
	004499 Total	(16.15)		393.1009 (5) (a) (b)	A,B,C,I
20801050301	004501	16,917.41	Replacement and/or removal of existing protected steel or plastic (Monett - South Region)		
20801050301	004501	14,213.17	Replacement and/or removal of existing protected steel or plastic (Monett - South Region)		
20801050301	004501	(5,090.06)	Replacement and/or removal of existing protected steel or plastic (Monett - South Region)		
20801050301	004501	4,755.10	Replacement and/or removal of existing protected steel or plastic (Monett - South Region)		
	004501 Total	30,795.62		393.1009 (5) (a) (b)	A,B,C,I
20501132734	004510	6.37	Approved by: Galen Shoemaker on 06/13/2013, Abandon 105' - 2in PBS (WO#: A3145A) and replace with 105' - 2in PE due to isolated steel that is hard to cathodically protect. Project Location: Range Line Rd and Kennedy Ln; Pressure System: C-100; MOP: 30 psig; MAOP: 30 psig; Design: 58 psig; Test: 100 psig; ISRS		
	004510 Total	6.37		393.1009 (5) (a) (b)	A,B,C
20401132379	004515	(215.87)	Approved by: Gary Williams on 01/31/2013, Relocate DRS 424 from Gardener Avenue and Askew to Front Street and Askew. All existing regulators and valves from station were utilized in the relocation. Install new barricade around station.		
	004515 Total	(215.87)		393.1009 (5) (a) (b)	A,B
20401132651	004523	(5,404.17)	Approved by: Rob Hack on 05/21/2013, (ISRS) BROOKSIDE WATERSHED STORM AND SANITARY SEWER IMPROVEMENTS PHASE 3B. MULTIPLE PRESSURES INTERMEDIATE AND LOW PRESS,CHECK FOR TWO WAY FEED AND ONE WAY FEED. CHECK AREAS AND VERIFY ALL PRESSURES BY GAGES WITH MGE INSPECTOR AND SUPERVISOR PRIOR TO STOPPING OFF ANY MAINS. CITY CONTACT:W.S.D. KARINE PAPIKIAN, PROJECT MANAGER, (816) 513-0300.		
	004523 Total	(5,404.17)		393.1009 (5) (C)	
20401121835	004525	(919.54)	Approved by: Ken Thomas on 03/19/2013, ISRS. Replace and abandon a total of 1317' of cast iron main in Sector 0304 with 1175' of PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2013. New main will tie into the C-3 pressure system. New main to operate at 25 psig MOP, 25 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. See attached sheet for the work order number, size and footage of main to be retired. 6 bare steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 14 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures. Price per foot = \$55.38		
	004525 Total	(919.54)		393.1009 (5) (a) (b)	A,B,C,D,I

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20501132499	004531	(115.71)	Approved by: Rob Hack on 03/25/2013, Abandon 2483' - 3in PBS (WO#:A8542), 114' - 4in PBS (WO#'s: A7896B, NONE), 15' - 3in PCS (WO#: 70-2948) and replace with 65' - 4in Thinfilim and 2590' - 4in PE to clear one (1) active #3 Leak (Leak No. 08-0079) due 4/9/2013 and a history of leakage in this area. This work will also replace the outlet piping on DRS 01-69-C and install remote outlet valves for this station. Work order needs fast tracked due to approaching due date on #3 Leak. Project Location: 34th and Indiana; Pressure System: C-3; MOP: 8.00 psig; MAOP: 8.50 psig; Design: 58 psig; Test: 100 psig; \$47.96/ft ISRS	393.1009 (5) (a) (b)	A,B,C
	004531 Total	(115.71)			
20401132709	004536	(90.01)	Approved by: Gary Williams on 07/09/2013, (ISRS). AOR. Replace 35' of 6in CI with 6in PE due to angle of repose. AOR ocured 1' SSC to 11' NSC of 61st Ter. Must be completed by Sept 9, 2013. Tie-over two services. Retire 5'-6in PBS; 10'-3in PBS; 35'-6in CI all original year 1916; Lay 40'-6in PE and 10'-4in PE main.	393.1009 (5) (a) (b)	A,B,C,D,I
	004536 Total	(90.01)			
20904132968	004547	(61.29)	Approved by: Kevin Driskell on 10/17/2013, Replace 75' of 2in PE (wo 1973, 73-3788) with 75'-2in PE due to steel service replacement. Was unable to access existing 2in PE that was inserted into abandoned cat iron.	393.1009 (5) (a) (b)	A,B,C
	004547 Total	(61.29)			
20401121900	004557	(1,328.44)	Approved by: Kevin Driskell on 09/27/2013, ISRS. To replace 10' of 12in CI and abandon 91' of 6in CI main in Sector 0208. This will be done as to replace the section of 6in CI main with CI break #11-998 due to graphitization. This work will be done in part with the CI Replacement Program as mandated by the Missouri Public Service Commission for the calendar year, 2013. See attached sheet for work order numbers, size, and footage of main to be retired. Main is on the C-001 pressure system with an MOP=1.1psig and MAOP=2.2psig. Retire 91'-6in Cast Iron, yr 1916, JO B37P19; 10'-12in Cast Iron, yr 1916, JO B37P13.	393.1009 (5) (a) (b)	A,B,C,D,I
	004557 Total	(1,328.44)			
20501132745	004559	(1,908.15)	Approved by: Rob Hack on 06/21/2013, Abandon 356' - 2in PBS (WO#'s: None, A4070, 45124), 23' - 2in PCS (WO's: 68-0804, 70-4439), 5' - 2in PE (WO#: 82-1252), 72' - 3in PBS (WO#: NONE), 15' - 3in PCS (WO#: A3705N), 2183' - 4" " PBS (WO#'s: NONE, A4070N, 65-7240), 14' - 4in PCS (WO#: 65-7240), and 16' - 4in PE (WO#: 03-4888) and replace with 375' - 2in PE and 2350' - 4in PE to clear three (3) - #3 leaks (Leak No's:08-184, 08-185, 08-186; due in August). This work is to be done in conjunction with WO# 13-2764. Project Location: 7th and Minnesota; Pressure System: C-2; MOP: 1.50 psig; MAOP: 1.50 psig; Design: 58 psig; Test: 100 psig; ISRS \$50.11/ft		
20501132745	004559	5,238.34	Approved by: Rob Hack on 06/21/2013, Abandon 356' - 2in PBS (WO#'s: None, A4070, 45124), 23' - 2in PCS (WO's: 68-0804, 70-4439), 5' - 2in PE (WO#: 82-1252), 72' - 3in PBS (WO#: NONE), 15' - 3in PCS (WO#: A3705N), 2183' - 4" " PBS (WO#'s: NONE, A4070N, 65-7240), 14' - 4in PCS (WO#: 65-7240), and 16' - 4in PE (WO#: 03-4888) and replace with 375' - 2in PE and 2350' - 4in PE to clear three (3) - #3 leaks (Leak No's:08-184, 08-185, 08-186; due in August). This work is to be done in conjunction with WO# 13-2764. Project Location: 7th and Minnesota; Pressure System: C-2; MOP: 1.50 psig; MAOP: 1.50 psig; Design: 58 psig; Test: 100 psig; ISRS \$50.11/ft		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20501132745	004559	7,983.95	Approved by: Rob Hack on 06/21/2013, Abandon 356' - 2in PBS (WO#'s: None, A4070, 45124), 23' - 2in PCS (WO's: 68-0804, 70-4439), 5' - 2in PE (WO#: 82-1252), 72' - 3in PBS (WO#: NONE), 15' - 3in PCS (WO#: A3705N), 2183' - 4" " PBS (WO#'s: NONE, A4070N, 65-7240), 14' - 4in PCS (WO#: 65-7240), and 16' - 4in PE (WO#: 03-4888) and replace with 375' - 2in PE and 2350' - 4in PE to clear three (3) - #3 leaks (Leak No's:08-184, 08-185, 08-186; due in August). This work is to be done in conjunction with WO# 13-2764. Project Location: 7th and Minnesota; Pressure System: C-2; MOP: 1.50 psig; MAOP: 1.50 psig; Design: 58 psig; Test: 100 psig; ISRS \$50.11/ft	393.1009 (5) (a) (b)	A,B,C
	004559 Total	11,314.14			
20908133165	004566	(1,477.33)	Approved by: Steve Holcomb on 11/20/2013, This work order is being written as part of the accelerated main replacement program. We have a crew scheduled to replace main due to leakage at Polk and Butler on WO# 12-1857 and feel it is prudent to replace more bare steel main while the crew is in the area to give us time to formulate our accelerated main replacement program.. We will install 2930' of 2" PE main and abandon: 1541' - 3" PBS (WO NONE); 173' - 3" PBS (WO# 22727); 160' - 3" PBS (WO# 33526); 170' - 3" PBS (WO# 34696); 126' - 3" PBS (WO# 35570); 147' - 3" PBS (WO# 45932); 100' - 3" PCS (WO# 61-1830); 34' - 3" PCS (WO# 62-1806); 63' - 3" PCS (WO# 64-5067); 404' - 2" PCS (WO# 65-4014); 10' - 3" PCS (WO# 66-6106); 169' - 2" PE (WO# 82-0972); and 9' - 2" PE (WO# 10-6676). (ISRS) Price per ft = \$32.87	393.1009 (5) (a) (b)	A,B,C
	004566 Total	(1,477.33)			
20401132982	004567	(5,845.57)	Approved by: Steve Lindsey on 11/20/2013, Replace 6" PBS, 12" CI, and 8" CI with 2,118'-6" PE, 50'-12in steel, 15'-8in steel, and 172'-4in PE. Leak is on 6" PBS at the intersection of 27th and Lawn due to corrosion. Tie over 21 services. Lay main in greenway if possible. Replace two services at 2414 and 2621 Lawn. Retire 50'-12in CI, BK20P10, 15'-8in CI, BK15P91; 3'-8in BS; 3'-6in CI, BK15P91, 172'-6in CI, BK25P93; 67'-6in BS, WO 57826, yr 1960; 84'-6in CI, BK25P92; 640'-6in BS, BK20P82; 3'-6in BS; 3'-6in CI, BK22P20; 581'-6in BS, BK22P20; 686'-6in BS, BK20P81.	393.1009 (5) (a) (b)	A,B,C
	004567 Total	(5,845.57)			
20902132892	004571	(332.16)	Approved by: Ralph Janes on 08/13/2013, There are 24 houses served by DRS 23 at 83rd and Raytown Rd on pressure system S-023 (MOP = 15 psig, MAOP = 58 psig). The 2" " PE main fed by this station was installed on WO# 82-0412 and has a pressure test of 90 psig. The station is tied to the 8" " steel C-300 system on the west side of Raytown Rd (MOP = MAOP = 90 psig). On the east side of Raytown Rd we have a 4" " PCS main on the C-200 distribution system (MOP = MAOP = 35 psig). If we bore Raytown Rd and tie onto the existing 2" " PE on the outlet of DRS 23 we can eliminate this reg station and its associated maintenance. Install 90' of 2" " PE main and retire 82' of 2" " PCS (WO# 82-0411) and 5' of 2" " PE (WO# 82-0412). DRS 23 to be retired on WO# 13-2893.	393.1009 (5) (a) (b)	A,B,G
	004571 Total	(332.16)			
20901132486	004574	(46.05)	Approved by: Ralph Janes on 06/28/2013, Public Improvement Project: Lincolnwood Storm. Relocate 20' - 4in PCS (14' span with 3' legs) to avoid a new storm curb inlet. Retire 14' - 4in PCS (WO# B2183). (ISRS)	393.1009 (5) (C)	
	004574 Total	(46.05)			

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20201133224	004575	(622.91)	Approved by: Ralph Janes on 01/06/2014, Public Improvement - 26th / Glendale / Windsor Storm. Relocate 2" PE main at 27th and Glendale for proposed storm. This work order is to be completed after WO's 13-3170 and 13-3218. Tie existing C-001 4" PE main and 2" PCS main on Crysler and Gudgell over to C-500 pressure system. All the main and services have an adequate pressure test for the higher pressure. Install 63' of 2" PE main to relocate and tie together the two systems. Abandon: 195' - 2" PCS (WO#07-2265); 10' - 4" PE (WO# 05-8381); 20' - 2" PE (WO# 08-5061). (ISRS)		
20201133224	004575	-	Approved by: Ralph Janes on 01/06/2014, Public Improvement - 26th / Glendale / Windsor Storm. Relocate 2" PE main at 27th and Glendale for proposed storm. This work order is to be completed after WO's 13-3170 and 13-3218. Tie existing C-001 4" PE main and 2" PCS main on Crysler and Gudgell over to C-500 pressure system. All the main and services have an adequate pressure test for the higher pressure. Install 63' of 2" PE main to relocate and tie together the two systems. Abandon: 195' - 2" PCS (WO#07-2265); 10' - 4" PE (WO# 05-8381); 20' - 2" PE (WO# 08-5061). (ISRS)		
	004575 Total	(622.91)		393.1009 (5) (a) (b)	A,B
21271133028	004576	(3,374.08)	Approved by: Steve Holcomb on 01/06/2014, (ISRS). Lay 995 feet of 4" PE and 1,820 feet of 2" PE due to public improvement project. Contact Chris Collins 1 week prior to start of work to schedule staking. Tie over 24 services, replace 2 services. Retire 1,751'-4in PBS, WO I337-46, year 1946; 640'-2in PBS, WO I313-40, year 1940; 25'-2in PBS, WO A3246, year 1952; 20'-2in PBS, WO I3312, year unknown; 565'-2in PCS, WO A6393-55, year 1955; 23'-2in PCS, WO A4950A, year 1954, 347'-4in PCS, WO 54042, year 1959; 40'-3in PBS, WO I3337, year unknown; 260'-2in PCS, WO 83-0838, year 1983. COST PER FOOT \$31.39		
21271133028	004576	-	Approved by: Steve Holcomb on 01/06/2014, (ISRS). Lay 995 feet of 4" PE and 1,820 feet of 2" PE due to public improvement project. Contact Chris Collins 1 week prior to start of work to schedule staking. Tie over 24 services, replace 2 services. Retire 1,751'-4in PBS, WO I337-46, year 1946; 640'-2in PBS, WO I313-40, year 1940; 25'-2in PBS, WO A3246, year 1952; 20'-2in PBS, WO I3312, year unknown; 565'-2in PCS, WO A6393-55, year 1955; 23'-2in PCS, WO A4950A, year 1954, 347'-4in PCS, WO 54042, year 1959; 40'-3in PBS, WO I3337, year unknown; 260'-2in PCS, WO 83-0838, year 1983. COST PER FOOT \$31.39		
	004576 Total	(3,374.08)		393.1009 (5) (C)	
20401132828	004582	(1,433.54)	Approved by: Gary Williams on 10/07/2013, AOR. Replace 240 ft of 6in CI with 6in PE due to joint exposure. Must be completed by Nov 21, 2013. Replace one service. Tie over 2 services. See tie-in procedure. COST PER FOOT \$164.90 Retire 229'-6in CI year 1927; 11'-6in PE, yr 2012, wo 12-1682.		
	004582 Total	(1,433.54)		393.1009 (5) (a) (b)	A,B,C,D,I
20401133190	004585	(505.02)	Approved by: Gary Williams on 01/06/2014, AOR. Replace 6in CI with 35'-6in PE due to parallel excavation. Angle of Repose location: 4' WECB Denver, 5' NNLH to 16' NNLH of 425 N Denver. This job must be completed by Mar. 18, 2014. Retire 35'-6in CI, WO BK15P76. Install 35'-6in PE.		
	004585 Total	(505.02)		393.1009 (5) (a) (b)	A,B,C,D,I

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20201143418	004587	(1,019.70)	Approved by: Steve Lindsey on 03/18/2014, Public Improvement Project: City of Independence Collection System Remedial Measures W Pacific to W South Sewer Improvements - Segment 5. The city will be making improvements to the sanitary system in the area of Grand and South and in conjunction will be repaving the road in the area. Our existing main is C-001 pressure system 2" and 4" PBS underneath the existing pavement. Relocate 4,270' of 2" PE on the C-500 pressure system. Main to abandon: 2,103' - 4" PBS (WO# MWO 199); 350' - 2" PBS (WO# MWO 33); 658' - 2" PBS (WO# JO4516); 507' - 2" PBS (WO# 11397); 33' - 2" PBS (WO# 13698); 110' - 2" PBS (WO# 16842); 101' - 2" PBS (WO# 26703); 77' - 2" PBS (WO# 28245); 509' - 2" PBS (WO# 31260); 21' - 2" PCS (WO# 66-6419); 7' - 2" PCS (WO# 84-2770); 132' - 2" PE (WO# 84-2870). (ISRS) Price per ft = \$38.08.		
20201143418	004587	-	Approved by: Steve Lindsey on 03/18/2014, Public Improvement Project: City of Independence Collection System Remedial Measures W Pacific to W South Sewer Improvements - Segment 5. The city will be making improvements to the sanitary system in the area of Grand and South and in conjunction will be repaving the road in the area. Our existing main is C-001 pressure system 2" and 4" PBS underneath the existing pavement. Relocate 4,270' of 2" PE on the C-500 pressure system. Main to abandon: 2,103' - 4" PBS (WO# MWO 199); 350' - 2" PBS (WO# MWO 33); 658' - 2" PBS (WO# JO4516); 507' - 2" PBS (WO# 11397); 33' - 2" PBS (WO# 13698); 110' - 2" PBS (WO# 16842); 101' - 2" PBS (WO# 26703); 77' - 2" PBS (WO# 28245); 509' - 2" PBS (WO# 31260); 21' - 2" PCS (WO# 66-6419); 7' - 2" PCS (WO# 84-2770); 132' - 2" PE (WO# 84-2870). (ISRS) Price per ft = \$38.08.		
	004587 Total	(1,019.70)		393.1009 (5) (C)	
20502143412	004588	192,036.17	Approved by: Steve Lindsey on 03/18/2014, Abandon 799' - 2" PBS (WO#'s: NONE, 70-5507), 21' - 2" PCS (WO#: 82-0441), 960' - 6" PBS (WO#'s: NONE, 63-1187), 7' - 6" PCS (WO#: 79-0442), and 120' - 8" PBS (WO#: NONE) and replace with 820' - 2" PE, 1080' - 6" PE and 10' - 6" Thinfil to clear one (1) active #3 Leak (Leak No. 09-0125) due 5/20/2014. There are 23 repaired leaks on this main. Project Location: Jefferson and Daugherty; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.75/ft		
	004588 Total	192,036.17		393.1009 (5) (a) (b)	A,B,C
20806133026	004590	(44.18)	Approved by: Galen Shoemaker on 11/26/2013, Abandon 40' - 2" PBS service (WO#: NONE) and replace with 45' - 2" Thinfil service in order to replace meter set. Operator-Monitor-11M Meter setting to be insalled on seperate work order. Project Location: Doniphan Dr; Pressure System: S-2301; MOP: 224 psig; MAOP: 224 psig; Design: 224 psig; Test: 336 psig; ISRS		
	004590 Total	(44.18)		393.1009 (5) (a) (b)	A,B,D
20501050360	004597	29.70	Service/Yard Line Replacement (SLRP): Company Crew. Immediate response - replacement single unprotected steel or copper (Joplin - South Region)		
	004597 Total	29.70		393.1009 (5) (a) (b)	A,B,C,I
20901050360	004598	1,203.80	Service/Yard Line Replacement (SLRP): Company Crew. Immediate response - replacement single unprotected steel or copper (Lee's Summit - East Region)		
20901050360	004598	(127.08)	Service/Yard Line Replacement (SLRP): Company Crew. Immediate response - replacement single unprotected steel or copper (Lee's Summit - East Region)		
20901050360	004598	8.01	Service/Yard Line Replacement (SLRP): Company Crew. Immediate response - replacement single unprotected steel or copper (Lee's Summit - East Region)		
	004598 Total	1,084.73		393.1009 (5) (a) (b)	A,B,C,I
20401050371	004599	47,053.64	Service/Yard Line Replacement (SLRP): Contract Crew. Modified Block by Block - Planned replacement of unprotected steel or copper (Kansas City - Central Region)		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20401050371	004599	49,038.54	Service/Yard Line Replacement (SLRP): Contract Crew. Modified Block by Block - Planned replacement of unprotected steel or copper (Kansas City - Central Region)		
20401050371	004599	8,037.46	Service/Yard Line Replacement (SLRP): Contract Crew. Modified Block by Block - Planned replacement of unprotected steel or copper (Kansas City - Central Region)		
20401050371	004599	(3,814.16)	Service/Yard Line Replacement (SLRP): Contract Crew. Modified Block by Block - Planned replacement of unprotected steel or copper (Kansas City - Central Region)		
	004599 Total	100,315.48		393.1009 (5) (a) (b)	A,B,C,I
20501050371	004600	103,995.50	Service/Yard Line Replacement (SLRP): Contract Crew. Modified Block by Block - Planned replacement of unprotected steel or copper (Joplin - South Region)		
20501050371	004600	26,052.94	Service/Yard Line Replacement (SLRP): Contract Crew. Modified Block by Block - Planned replacement of unprotected steel or copper (Joplin - South Region)		
20501050371	004600	(983.36)	Service/Yard Line Replacement (SLRP): Contract Crew. Modified Block by Block - Planned replacement of unprotected steel or copper (Joplin - South Region)		
20501050371	004600	8,776.21	Service/Yard Line Replacement (SLRP): Contract Crew. Modified Block by Block - Planned replacement of unprotected steel or copper (Joplin - South Region)		
	004600 Total	137,841.29		393.1009 (5) (a) (b)	A,B,C,I
21001050371	004601	(0.62)	Service/Yard Line Replacement (SLRP): Contract Crew. Modified Block by Block - Planned replacement of unprotected steel or copper (St. Joseph)		
21001050371	004601	48.78	Service/Yard Line Replacement (SLRP): Contract Crew. Modified Block by Block - Planned replacement of unprotected steel or copper (St. Joseph)		
	004601 Total	48.16		393.1009 (5) (a) (b)	A,B,C,I
20501050373	004602	13,225.13	Service/Yard Line Replacement (SLRP): Contract Crew. Modified Block by Block - Planned replacement of unprotected steel or copper (St. Joseph)		
20501050373	004602	4,029.73	Service/Yard Line Replacement (SLRP): Contract Crew. Modified Block by Block - Planned replacement of unprotected steel or copper (St. Joseph)		
20501050373	004602	4.02	Service/Yard Line Replacement (SLRP): Contract Crew. Modified Block by Block - Planned replacement of unprotected steel or copper (St. Joseph)		
20501050373	004602	(275.81)	Service/Yard Line Replacement (SLRP): Contract Crew. Modified Block by Block - Planned replacement of unprotected steel or copper (St. Joseph)		
	004602 Total	16,983.07		393.1009 (5) (a) (b)	A,B,C,I
20901050367	004609	7,053.44	Service/Yard Line Replacement (SLRP): Company Crew. Service/yard line replacement - Material Charges Only (Lee's Summit - East Region)		
20901050367	004609	6,651.75	Service/Yard Line Replacement (SLRP): Company Crew. Service/yard line replacement - Material Charges Only (Lee's Summit - East Region)		
20901050367	004609	8,010.12	Service/Yard Line Replacement (SLRP): Company Crew. Service/yard line replacement - Material Charges Only (Lee's Summit - East Region)		
20901050367	004609	2,824.70	Service/Yard Line Replacement (SLRP): Company Crew. Service/yard line replacement - Material Charges Only (Lee's Summit - East Region)		
	004609 Total	24,540.01		393.1009 (5) (a) (b)	A,B,C,I
20401121846	004612	(4,641.39)	Approved by: Rob Hack on 04/30/2013, ISRS. This work order is necessary to abandon a total of 3391' of cast iron main. LAY 1,316'-6in PE, 714'-4in PE, and 1310' of 8in PE as part of the safety replacement program to meet MPSC requirements.		
	004612 Total	(4,641.39)		393.1009 (5) (a) (b)	A,B,C,D,I

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20201132490	004619	(84.14)	Approved by: Ralph Janes on 03/26/2013, Replace main with a history of leakage and a 5 year old #3 leak on Lexington between Elm and Walnut with 680' - 4" PE, 220' - 2" PE, and 275' - 1-1/4" PE. Main to replace: 435' - 4" PBS (WO# 168); 63' - 3" PBS (WO# 62-1301); 200' - 2" PBS (WO NONE); 690' - 4" PBS (WO# 129); 620' - 4" PBS (WO NONE). Price per ft = \$42.43 (ISRS)		
20201132490	004619	325.61	Approved by: Ralph Janes on 03/26/2013, Replace main with a history of leakage and a 5 year old #3 leak on Lexington between Elm and Walnut with 680' - 4" PE, 220' - 2" PE, and 275' - 1-1/4" PE. Main to replace: 435' - 4" PBS (WO# 168); 63' - 3" PBS (WO# 62-1301); 200' - 2" PBS (WO NONE); 690' - 4" PBS (WO# 129); 620' - 4" PBS (WO NONE). Price per ft = \$42.43 (ISRS)		
20201132490	004619	205.63	Approved by: Ralph Janes on 03/26/2013, Replace main with a history of leakage and a 5 year old #3 leak on Lexington between Elm and Walnut with 680' - 4" PE, 220' - 2" PE, and 275' - 1-1/4" PE. Main to replace: 435' - 4" PBS (WO# 168); 63' - 3" PBS (WO# 62-1301); 200' - 2" PBS (WO NONE); 690' - 4" PBS (WO# 129); 620' - 4" PBS (WO NONE). Price per ft = \$42.43 (ISRS)		
20201132490	004619	(35.33)	Approved by: Ralph Janes on 03/26/2013, Replace main with a history of leakage and a 5 year old #3 leak on Lexington between Elm and Walnut with 680' - 4" PE, 220' - 2" PE, and 275' - 1-1/4" PE. Main to replace: 435' - 4" PBS (WO# 168); 63' - 3" PBS (WO# 62-1301); 200' - 2" PBS (WO NONE); 690' - 4" PBS (WO# 129); 620' - 4" PBS (WO NONE). Price per ft = \$42.43 (ISRS)		
	004619 Total	411.77		393.1009 (5) (a) (b)	A,B,C
20201132660	004622	(567.96)	Approved by: Steve Holcomb on 06/20/2013, Rebuild DRS #122 at the SW corner of MO State 291 Hwy and Truman Road. Inlet system C-100 (MOP = 125 psig and MAOP = 155 psig) and outlet system C-500 (MOP = 30 psig and MAOP = 44 psig). The existing 4in Reynolds NR 2600 KC (operator, installed on wo# 70-0125) and the 6in Grove Flex Flow(monitor, installed on mwo 57777) will be junked and replaced with a 6in 150# Mooney Flow Grid Regulator set @ 30 psig (operator) and a 6in 150# Rockwell 441-57S Regulator (monitor) w/ a Brown (25 - 55 psig) spring on wo# 13-2660. Must Replace DRS 55 I/O piping on wo# 13-2625.		
	004622 Total	(567.96)		393.1009 (5) (a) (b)	A,B
20501132643	004623	(1,384.18)	Approved by: Ken Thomas on 05/08/2013, Abandon 1117' - 6in PBS (WO#: 7132A), 22' - 4in PE (WO#'s: 07-0820, 08-5333) and replace with 1095' - 4in PE, 30' - 4in Thinfilm (to replace the outlet piping for DRS 32), and 20' - 1" Thinfilm (to replace control lines on DRS 32) to clear two (2) CP down projects (CP13-021, CP13-055) and remove isolated bare steel. This work will also install a remote outlet valve for DRS 32 and establish a new 20' wide Easement on property East of Picher between 13th and 15th that is currently owned by the Joplin School District. This easement will cover existing DRS 32 and allow us to lay new pipe in the grass instead of under the road. Project Location: 11th and Picher; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$54.96/ft		
	004623 Total	(1,384.18)		393.1009 (5) (a) (b)	A,B,C
20201132733	004624	(630.88)	Approved by: Ralph Janes on 06/14/2013, Public Improvement Project: 33rd Terrace Sanitary Sewer Improvements. The existing main is 4in PBS under the pavement. As part of the project the city will mill and overlay the street. We will relocate to the parkway with 2in PE to avoid costly pavement restoration in the future. Install 80' of 4in PE and 620' of 2in PE. Main to retire: 42' - 4" PCS (WO# 63-6062); 633' - 4in PBS (WO# A5064); 10' - 2in PBS (WO# 14524); 20' - 4in PE (WO# 03-5933). Price per ft = \$42.63 (ISRS)		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
	004624 Total	(630.88)		393.1009 (5) (C)	
20901132504	004626	(212.27)	Approved by: Ralph Janes on 04/12/2013, Rebuild DRS #55 at the corner of Woodstock Dr and Fairview Rd. Inlet system C-225 (MOP = 125 psig and MAOP = 245 psig) and outlet system C-013 (MOP = MAOP = 25 psig). The existing 2" Rockwell 461-57S (operator) and the 2" Rockwell 461-57S (monitor) installed on wo# 87-3265 will be kept for future use but replaced with a 6" 300# Mooney Flow Grid Regulator set @ 25 psig (operator) and a 6" 300# Rockwell 441-57S Regulator (monitor) w/ a Brown (25 - 55 psig) spring set @ 30 psig on wo# 13-2504. Must Replace DRS 55 I/O piping on wo# 13-2505. The 25 psig system is fed by 2 drs but the pressure drops below 15 psig in the middle of the system with future growth occurring on Woods Chappel Road.		
	004626 Total	(212.27)		393.1009 (5) (a) (b)	A,B
21271121673	004629	12.14	Approved by: Rob Kitterman on 08/29/2012, Rebuild DRS#332 located at 113th & Main St. Current DRS regulators need to be increased in size due to adding this reg station into the C-36 system. We will rebuild only above the riser valves. A pair of 461-57S regs with 1in double valves will be used. The outlet pressure is 20 psig. New control lines will need to installed to run the new regulators. The current regulators are Fisher 627 (1st cut/2nd cut)		
	004629 Total	12.14		393.1009 (5) (a) (b)	A,B
20201132701	004630	(66.15)	Approved by: Ralph Janes on 05/17/2013, Replace and abandon 2in PBS and PCS with 500' - 2in PE at 31st and Overton. The existing main is on the S-179 pressure system, fed by DRS 179 at Westport Rd and Blue Ridge Blvd. It is separated from the C-500 pressure system by a valve installed on WO# A2529 which is not on mapping and most likely inaccessible. We have two active main leaks in the area of this valve. We will abandon the valve as part of this main replacement and install a road crossing to prepare for future replacements east on 31st St. Main to abandon: 148' - 2in PCS (WO# 61-2020); 300' - 2in PBS (WO# A1826); 5' - 4in PBS (WO# A2631). Price per ft = \$55.51 (ISRS)		
	004630 Total	(66.15)		393.1009 (5) (a) (b)	A,B,C
21271132604	004633	(1,734.87)	Approved by: Ken Thomas on 04/23/2013, ISRS This work order is necessary due to cast iron breaks on the 4in cast iron main. Replace with 1330' of 2in PE main by tying on to existing 2in PE main (wo# 01-2254 pressure system C-175 KCLS) South of 35th Street. Bag off, cut, and cap 4in CI main (pressure system C-001) at points 2 and 4. Tie over all affected services to new 2in PE main (pressure system C-175 KCLS). Regulator orifices need to be changed due to the new, higher pressure system.		
	004633 Total	(1,734.87)		393.1009 (5) (a) (b)	A,B,C,D,I
20401121800	004637	(2,330.69)	Approved by: Rob Hack on 05/06/2013, ISRS. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2013. It will also satisfy AOR ticket numbers HP121003516,HP121940558,and HP121662856. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. The 8" PE to be inserted along 63rd St will remain operating at 1.10 psig MOP & 2.20 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. See attached sheet for the work order number, size and footage of main to be retired. 98 bare steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 278 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.		
	004637 Total	(2,330.69)		393.1009 (5) (a) (b)	A,B,C,D,I

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20401132849	004638	(15,326.11)	Approved by: Rob Hack on 07/29/2013, This work order is necessary to hydrostatic test approximately 7,891' of 12 inch transmission to properly establish a 280 PSIG MAOP. The main is located from in a private easement from Highgrove Road south to 155th Steet. This work is being performed to comply with PHMSA Advisory Bullentin ADB-11-01 issued January 3, 2011. Infrasouce has provided a lump sum amount to perform the hydrostatic testing. All blow-out replacements will be performed on a time and material basis. Also, 160' of 12in line will be installed from the north side of 155th St. to inside the Cass County TB. Ther will be a 12in X 6in bridle valve install on the 8in main north of 150 HWY. Also, install 2,300' of 2in Steel to transfer customers along Kelly Road and Raytown Road from the 12in main to a 2in special main for hydrotesting purpose. This line will be hydrostatic tested at a minimum of 784 psig. See attached scope of work.		
	004638 Total	(15,326.11)		393.1009 (5) (a) (b)	A,B,G
20401132400	004645	423,003.39	Approved by: Steve Lindsey on 02/26/2014, (ISRS). Relocate 12" steel, 12" CI, 10" CI, 6" CI, 4" PE, and 2" PE for public improvement project. Install 420'-8in thin film, 284'-4in PE, and 133'-2" PE. Contractor needs to take pictures and video of work area before work has started and after work has been completed. Contact Chris Collins (472-3413) one week prior to start of work to schedule staking. Tie-over 4 services. SKW to GPS all intersections. Retire 36'-2in PE, WO 07-1330; 94'-4in PE, WO 05-8613; 24'-4in PCS, WO 05-8613; 130'-12in PCS, WO 94-0661; 4'-2in PE, WO 94-0661; 83'-4in PE, WO 04-7279; 31'-3in PBS, WO 57368; 100'-8in CI, WO NONE; 146'-10in CI, WO NONE; 294'-12in CI, WO 64-0088. COST PER FOOT \$360.04		
	004645 Total	423,003.39		393.1009 (5) (C)	
20401132894	004647	(1,896.12)	Approved by: Randy Spector on 08/28/2013, This work order is necessary to install approximately 2,241 feet of 2 in Polyethylene to serve 15101 and 15115 Kelley Road. Presently, both of these servicelines are tapped off the Cass County 12" transmission main. In order to continue service during the hydrotest and furture work on the transmission main each of these lines will be tied over to the new "Plexco 2406 line install along the south side of 147th Street in the R/W and thence; along the west side, approximately 7 feet west of the slab, on Kelley Road south to 15115 Kelley Road. This system is presently feed from DRS 415 which is in the process of an uprate to 58 PSIG.		
	004647 Total	(1,896.12)		393.1009 (5) (a) (b)	A,B,G
20501133143	004648	(672.99)	Approved by: Galen Shoemaker on 12/03/2013, Replace 588' 2" PBS & 15' 2" PE with 645' of 2" PE due to leakage issues. Project location: Florida Ave between Yuma St. & Windsor St. Pressure System: C-100. MOP: 30 PSIG. MAOP: 30 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$38.35.		
	004648 Total	(672.99)		393.1009 (5) (a) (b)	A,B,C
20401132402	004654	4,268,934.05	Approved by: Steve Lindsey on 02/24/2014, (ISRS). Replace 9,743 feet in River Market area due to public improvement project. Install 2,220'-24in PCS, 872'-12in PCS, 385'-6in PCS, 747'-4in PE, 5,996'-4in PCS, 1,362'-2in PE, 332'-2in PCS. Contractor needs to take pictures and video of work area before work has started and after work has been completed. Contact Chris Collins (472-3413) 1 week prior to start of work to schedule staking. Tie-over 46 services. COST PER FOOT \$163.68		
	004654 Total	4,268,934.05		393.1009 (5) (C)	

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20816133105	004662	(155.05)	Approved by: Galen Shoemaker on 10/24/2013, Abandon 266' - 4in PE (WO#: 05-8492) and replace with 290' - 4in PE in order to relocate main into the easement it was intended to be in. Property owner wants to build a house with foot print near existing main, will not adjust existing easement and wants main in its intended easement. Project Location: Cheyenne and Daisy Falls Dr; Pressure System: C-1; MOP: 44 psig; MAOP: 44 psig; Design: 58 psig; Test: 100 psig;		
	004662 Total	(155.05)		393.1009 (5) (a) (b)	A,B
20201132874	004665	(228.89)	Approved by: Ralph Janes on 08/06/2013, Replace and abandon 2in PBS with 330' - 2in PE in Highland south of College. The existing main was found to have a split seam when Miller Pipeline was installing anodes. Four clamps were installed in a 7' span and the leak was cleared 8/1/13. Main to abandon: 312' - 2in PBS (WO# 22273); 21' - 2in PBS (WO# 25743). Price per ft = \$41.71. (ISRS)		
	004665 Total	(228.89)		393.1009 (5) (a) (b)	A,B,C
20401132883	004669	(553.08)	Approved by: Gary Williams on 10/31/2013, 5/5/3 Replace 1235' of 2" PCS main with 1235' of 2" PE main due to leaks and pipe condition. Original WO# 75-2872.		
	004669 Total	(553.08)		393.1009 (5) (a) (b)	A,B
20401133038	004670	(540.40)	Approved by: Kevin Driskell on 10/31/2013, AOR. Replace 6" CI with 125'-6in PE due to angle of repose. Six feet of 6" CI main was exposed 140' to 146' WCL of Wayne. This job must be completed by Dec. 24, 2013. Tie-over 3 services. COST PER FOOT \$153.88. Retire 120'-6in CI, year unknown, 2201; 5'-6in PE, 2011, 11-8030; install 125'-6in PE main.		
	004670 Total	(540.40)		393.1009 (5) (a) (b)	A,B,C,D,I
20401133121	004671	27.48	Approved by: Kevin Driskell on 10/31/2013, Replace 2in PCS with 15'-2in PE due to hit main. Work done by MGE crew.		
	004671 Total	27.48		393.1009 (5) (a) (b)	A,B
20901143327	004673	(22,637.86)	Approved by: Ralph Janes on 01/29/2014, Public Improvement: City of LS 16th St Drainage Improvements; Jackson County Project No 79801-13C. The city is proposing to install a double 8'x5' box culvert across 16th St between Decker and Summit. Our existing 4" PCS gas main on the north side of the road needs to be relocated. Bore in 250' 4" PE main to a crossing depth of 10' to allow the RCB installation. Main to abandon: 240' - 4" PCS (WO# 68-7475). Price per ft = \$104.15 (ISRS)		
20901143327	004673	22,317.37	Approved by: Ralph Janes on 01/29/2014, Public Improvement: City of LS 16th St Drainage Improvements; Jackson County Project No 79801-13C. The city is proposing to install a double 8'x5' box culvert across 16th St between Decker and Summit. Our existing 4" PCS gas main on the north side of the road needs to be relocated. Bore in 250' 4" PE main to a crossing depth of 10' to allow the RCB installation. Main to abandon: 240' - 4" PCS (WO# 68-7475). Price per ft = \$104.15 (ISRS)		
	004673 Total	(320.49)		393.1009 (5) (C)	

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

MGE Work Order No.	New Work Order No.	Addition Amount	WO Description	Statute Section	State or Federal Requirement
20201143450	004888	611,627.83	<p>Approved by: Steve Lindsey on 04/01/2014, Accelerated Main Replacement: Replace 17,439' of PBS, 6,295' of PCS, and 1,140' of PE main with 22,300' - 2" PE and 340' - 4" PE. After this work order is complete we will retire 2 district reg stations - DRS# 46 at Sterling and 32nd (on WO# 14-3461), and DRS# 82 at Norton and 32nd (on WO# 14-3462). This WO will make DRS 119 at 32nd and Shady Bend a single feed station. We will also retire Rectifier# 0429 - 33rd and Vermont. The 2 DRS to retire feed the C-001 pressure system (MOP = 1.38 psig, MAOP = 1.5 psig). The new main will be tied onto the C-500 pressure system (MOP = 30 psig, MAOP = 44 psig). 2,624' of 4" PBS to be replaced is on the C-500 system feeding the three DRS. The difference in footage between abandon-replace main is due to the dual mains on 32nd between Sterling and Vermont and IO piping for the two DRS to be retired. Main to abandon: 136' - 2in PBS - WO# 28525; 384' - 2in PBS - WO# 30485; 163' - 4in PBS - WO# 38722; 478' - 2in PBS - WO# 43675; 161' - 2in PBS - WO# 50246; 72' - 4in PBS - WO# 52577; 981' - 2in PBS - WO# A1318; 191' - 4in PBS - WO# A2033; 1055' - 4in PBS - WO# A2528; 37' - 2in PBS - WO# A2811; 1131' - 4in PBS - WO# A2811; 594' - 4in PBS - WO# A39821706' - 4in PBS - WO# A5108; 1064' - 4in PBS - WO# A6237; 1185' - 4in PBS - WO# A6360; 1827' - 4in PBS - WO# A6746; 2511' - 4in PBS - WO# A7296; 1049' - 4in PBS - WO# A7808; 560' - 4in PBS - WO# A8245; 2154' - 4in PBS - WO# A8347; 1836' - 4in PCS - WO# A9446; 632' - 4in PCS - WO# B1492A; 329' - 2in PCS - WO# B1492B; 357' - 4in PCS - WO# 613974; 189' - 4in PCS - WO# 634384; 133' - 3in PCS - WO# 674428; 2505' - 2in PCS - WO# 674427; 724' - 3in PE - WO# 790219; 56' - 2in PCS - WO# 810359; 7' - 4in PCS - WO# 810359; 106' - 4in PCS - WO# 87149; 88' - 2in PCS - WO# 871495; 3' - 4in PE - WO# 913115; 5' - 4in PE - WO# 013048; 403' - 4in PE - WO# 036097; 5' - 2in PE - WO# 036097; 57' - 4in PCS - WO# 058385. (ISRS) - Price per ft = \$38.71</p>		
20201143450	004888	14,879.80	<p>Approved by: Steve Lindsey on 04/01/2014, Accelerated Main Replacement: Replace 17,439' of PBS, 6,295' of PCS, and 1,140' of PE main with 22,300' - 2" PE and 340' - 4" PE. After this work order is complete we will retire 2 district reg stations - DRS# 46 at Sterling and 32nd (on WO# 14-3461), and DRS# 82 at Norton and 32nd (on WO# 14-3462). This WO will make DRS 119 at 32nd and Shady Bend a single feed station. We will also retire Rectifier# 0429 - 33rd and Vermont. The 2 DRS to retire feed the C-001 pressure system (MOP = 1.38 psig, MAOP = 1.5 psig). The new main will be tied onto the C-500 pressure system (MOP = 30 psig, MAOP = 44 psig). 2,624' of 4" PBS to be replaced is on the C-500 system feeding the three DRS. The difference in footage between abandon-replace main is due to the dual mains on 32nd between Sterling and Vermont and IO piping for the two DRS to be retired. Main to abandon: 136' - 2in PBS - WO# 28525; 384' - 2in PBS - WO# 30485; 163' - 4in PBS - WO# 38722; 478' - 2in PBS - WO# 43675; 161' - 2in PBS - WO# 50246; 72' - 4in PBS - WO# 52577; 981' - 2in PBS - WO# A1318; 191' - 4in PBS - WO# A2033; 1055' - 4in PBS - WO# A2528; 37' - 2in PBS - WO# A2811; 1131' - 4in PBS - WO# A2811; 594' - 4in PBS - WO# A39821706' - 4in PBS - WO# A5108; 1064' - 4in PBS - WO# A6237; 1185' - 4in PBS - WO# A6360; 1827' - 4in PBS - WO# A6746; 2511' - 4in PBS - WO# A7296; 1049' - 4in PBS - WO# A7808; 560' - 4in PBS - WO# A8245; 2154' - 4in PBS - WO# A8347; 1836' - 4in PCS - WO# A9446; 632' - 4in PCS - WO# B1492A; 329' - 2in PCS - WO# B1492B; 357' - 4in PCS - WO# 613974; 189' - 4in PCS - WO# 634384; 133' - 3in PCS - WO# 674428; 2505' - 2in PCS - WO# 674427; 724' - 3in PE - WO# 790219; 56' - 2in PCS - WO# 810359; 7' - 4in PCS - WO# 810359; 106' - 4in PCS - WO# 87149; 88' - 2in PCS - WO# 871495; 3' - 4in PE - WO# 913115; 5' - 4in PE - WO# 013048; 403' - 4in PE - WO# 036097; 5' - 2in PE - WO# 036097; 57' - 4in PCS - WO# 058385. (ISRS) - Price per ft = \$38.71</p>		
	004888 Total	626,507.63		393.1009 (5) (a) (b)	A,B,C

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20902143419	004890	(900.72)	Approved by: Steve Holcomb on 03/26/2014, Replace and retire 640' - 2" pbs main (BD26), 100' - 2" pbs main (BD240), 992' - 2" pbs main (BD123), 100' - 2" pbs main (32167), 100' - 2" pbs main (35512), 69' - 2" pcs main (645199), 79' - 2" pcs main (670126) and 284' - 3" pcs main (50043) by installing 2,375' - 2" pe main. The existing main is exposed across a creek crossing and in a residential front yard. Est. \$33.63 per foot (ISRS)		
20902143419	004890	(119.09)	Approved by: Steve Holcomb on 03/26/2014, Replace and retire 640' - 2" pbs main (BD26), 100' - 2" pbs main (BD240), 992' - 2" pbs main (BD123), 100' - 2" pbs main (32167), 100' - 2" pbs main (35512), 69' - 2" pcs main (645199), 79' - 2" pcs main (670126) and 284' - 3" pcs main (50043) by installing 2,375' - 2" pe main. The existing main is exposed across a creek crossing and in a residential front yard. Est. \$33.63 per foot (ISRS)		
	004890 Total	(1,019.81)		393.1009 (5) (a) (b)	A,B,C
20901132732	004893	(1,563.62)	Approved by: Steve Holcomb on 04/02/2014, Unity Village is making improvements to the Colbern/Unity Way intersection, including rerouting Blue Parkway to meet the existing intersection and creating a traffic circle. There will be grade cuts up to 3.4' deep over our existing 10" main which lies in an easement, as well as storm structures in conflict. We will relocate around the roundabout and lower in the area of the storm conflicts with 565' of new 10" main. There is 250' of main between the roundabout and the storm that is not in conflict with the improvements, but will be replaced as part of this work. This is a 56% reimbursable project (315/565). Main to retire: 500' - 10" PBS (WO# 64-2362). 5M rotary meter set that serves Unity to be relocated/rebuilt on WO# 13-2731. Check 616563 rec'd 3-28-14 for \$57,068.67 per WOES.		
20901132732	004893	(165.61)	Approved by: Steve Holcomb on 04/02/2014, Unity Village is making improvements to the Colbern/Unity Way intersection, including rerouting Blue Parkway to meet the existing intersection and creating a traffic circle. There will be grade cuts up to 3.4' deep over our existing 10" main which lies in an easement, as well as storm structures in conflict. We will relocate around the roundabout and lower in the area of the storm conflicts with 565' of new 10" main. There is 250' of main between the roundabout and the storm that is not in conflict with the improvements, but will be replaced as part of this work. This is a 56% reimbursable project (315/565). Main to retire: 500' - 10" PBS (WO# 64-2362). 5M rotary meter set that serves Unity to be relocated/rebuilt on WO# 13-2731. Check 616563 rec'd 3-28-14 for \$57,068.67 per WOES.		
20901132732	004893	1,769.72	Approved by: Steve Holcomb on 04/02/2014, Unity Village is making improvements to the Colbern/Unity Way intersection, including rerouting Blue Parkway to meet the existing intersection and creating a traffic circle. There will be grade cuts up to 3.4' deep over our existing 10" main which lies in an easement, as well as storm structures in conflict. We will relocate around the roundabout and lower in the area of the storm conflicts with 565' of new 10" main. There is 250' of main between the roundabout and the storm that is not in conflict with the improvements, but will be replaced as part of this work. This is a 56% reimbursable project (315/565). Main to retire: 500' - 10" PBS (WO# 64-2362). 5M rotary meter set that serves Unity to be relocated/rebuilt on WO# 13-2731. Check 616563 rec'd 3-28-14 for \$57,068.67 per WOES.		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

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20901132732	004893	(166.27)	Approved by: Steve Holcomb on 04/02/2014, Unity Village is making improvements to the Colbern/Unity Way intersection, including rerouting Blue Parkway to meet the existing intersection and creating a traffic circle. There will be grade cuts up to 3.4' deep over our existing 10" main which lies in an easement, as well as storm structures in conflict. We will relocate around the roundabout and lower in the area of the storm conflicts with 565' of new 10" main. There is 250' of main between the roundabout and the storm that is not in conflict with the improvements, but will be replaced as part of this work. This is a 56% reimbursable project (315/565). Main to retire: 500' - 10" PBS (WO# 64-2362). 5M rotary meter set that serves Unity to be relocated/rebuilt on WO# 13-2731. Check 616563 rec'd 3-28-14 for \$57,068.67 per WOES.		
	004893 Total	(125.78)		393.1009 (5) (C)	
20308143387	004947	6,203.97	Approved by: Ralph Janes on 04/04/2014, Relocate and replace 42' - 2" pbs main (wo 54446), 224' - 2" pbs main (wo 42845) and 90' - 2" pcs main (wo 623078)with 360'-2in PE pipe to allow the City to repave the street. The existing bare steel main is currently under the pavement and has 2 active leaks on it. This will prevent our having to cut the new pavement in the future. (ISRS)		
	004947 Total	6,203.97		393.1009 (5) (C)	
20301143470	004948	(72.66)	Approved by: Ralph Janes on 04/04/2014, Replace and abandon 520' - 2" pbs main (Work order unknown 1940) by installing 130' - 2" pe to clear 2 active leaks and due to condition of pipe. (ISRS)		
20301143470	004948	-	Approved by: Ralph Janes on 04/04/2014, Replace and abandon 520' - 2" pbs main (Work order unknown 1940) by installing 130' - 2" pe to clear 2 active leaks and due to condition of pipe. (ISRS)		
	004948 Total	(72.66)		393.1009 (5) (a) (b)	A,B,C
20312143471	004949	35,798.08	Approved by: Ralph Janes on 04/04/2014, Replace and abandon 447' - 2" pbs main (unknown 1950 work order), 740' - 2" pbs main (unknown 1951 work order), 80' - 2" pbs main (unknown 1952 work order) and 80' - 2" pe main (wo 79-1480) by installing 1,350' - 2" pe main. Visual inspection of this main during recent leak investigations warrant its replacement. (ISRS)		
20312143471	004949	(96.51)	Approved by: Ralph Janes on 04/04/2014, Replace and abandon 447' - 2" pbs main (unknown 1950 work order), 740' - 2" pbs main (unknown 1951 work order), 80' - 2" pbs main (unknown 1952 work order) and 80' - 2" pe main (wo 79-1480) by installing 1,350' - 2" pe main. Visual inspection of this main during recent leak investigations warrant its replacement. (ISRS)		
	004949 Total	35,701.57		393.1009 (5) (a) (b)	A,B,C
20401143436	004953	(307.58)	Approved by: Kevin Driskell on 04/04/2014, (ISRS) Replace and extend 8in steel service for 911 Main Street to new main location on WO 13-2400 (Streetcar Phase 2). Location of valve for service to be determined in field.		
	004953 Total	(307.58)		393.1009 (5) (C)	
20401143390	004971	(828.96)	Approved by: Gary Williams on 04/08/2014, AOR. Replace 500ft-6in CI with 6in PE due to sanitary sewer repair. Six feet of CI was exposed 171' WWC of Euclid. This job must be completed by May 26, 2014. Retire 36'-6in CI, WO 34775, year 1952; XX'-6in CI, WO B26P102, year 1913. Tie over 8 services. Replace 2 services.		
20401143390	004971	(81.62)	Approved by: Gary Williams on 04/08/2014, AOR. Replace 500ft-6in CI with 6in PE due to sanitary sewer repair. Six feet of CI was exposed 171' WWC of Euclid. This job must be completed by May 26, 2014. Retire 36'-6in CI, WO 34775, year 1952; XX'-6in CI, WO B26P102, year 1913. Tie over 8 services. Replace 2 services.		
	004971 Total	(910.58)		393.1009 (5) (a) (b)	A,B,C

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

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21272143466	004972	(113.44)	Approved by: Kevin Driskell on 04/08/2014, REPLACING 160ft-2in cs service line with 2in pe service line. Due to leak on service line.		
	004972 Total	(113.44)		393.1009 (5) (a) (b)	A,B,D
20401143477	004973	149.26	Approved by: Kevin Driskell on 04/07/2014, Replace 3in and 2in PBS due to leak. Lay 10'-3in thin film and 14'-2in thin film. Work done by MGE crew.Original JO 7740C & 7740B, year 1949		
20401143477	004973	1,828.42	Approved by: Kevin Driskell on 04/07/2014, Replace 3in and 2in PBS due to leak. Lay 10'-3in thin film and 14'-2in thin film. Work done by MGE crew.Original JO 7740C & 7740B, year 1949		
20401143477	004973	(85.84)	Approved by: Kevin Driskell on 04/07/2014, Replace 3in and 2in PBS due to leak. Lay 10'-3in thin film and 14'-2in thin film. Work done by MGE crew.Original JO 7740C & 7740B, year 1949		
20401143477	004973	(122.95)	Approved by: Kevin Driskell on 04/07/2014, Replace 3in and 2in PBS due to leak. Lay 10'-3in thin film and 14'-2in thin film. Work done by MGE crew.Original JO 7740C & 7740B, year 1949		
	004973 Total	1,768.89		393.1009 (5) (a) (b)	A,B,C
20401143313	004986	1,253,310.78	Approved by: Steve Holcomb on 04/11/2014, ISRS. Replace and abandon a total of 20,504' of cast iron main in Sector 0306 with 21,313' of PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2014. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 84 bare steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 374 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.		
20401143313	004986	15,539.61	Approved by: Steve Holcomb on 04/11/2014, ISRS. Replace and abandon a total of 20,504' of cast iron main in Sector 0306 with 21,313' of PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2014. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 84 bare steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 374 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.		
20401143313	004986	11,927.86	Approved by: Steve Holcomb on 04/11/2014, ISRS. Replace and abandon a total of 20,504' of cast iron main in Sector 0306 with 21,313' of PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2014. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 84 bare steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 374 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

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20401143313	004986	(1,373.08)	Approved by: Steve Holcomb on 04/11/2014, ISRS. Replace and abandon a total of 20,504' of cast iron main in Sector 0306 with 21,313' of PE. This work will be part of the Cast Iron Replacement Program as mandated by the Missouri Public Service Commission for calendar year 2014. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 84 bare steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 374 tieovers of PE services are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.		
	004986 Total	1,279,405.17		393.1009 (5) (a) (b)	A,B,C,D,I
20903143508	005027	(269.87)	Approved by: Ralph Janes on 04/18/2014, Replace 2" tap, gate valve and 13' - 2" inlet piping to DRS 5 at RD Mize west of 7 Highway in Blue Springs. There is a leak on the existing 2" 3-way tee tapping the 12" Grain Valley lateral (C-225: MOP = 125 psig, MAOP = 245 psig). We will bottle off the existing tap upon completion. Main to abandon: 8' - 2" PCS (WO# 12-1505).		
20903143508	005027	58.38	Approved by: Ralph Janes on 04/18/2014, Replace 2" tap, gate valve and 13' - 2" inlet piping to DRS 5 at RD Mize west of 7 Highway in Blue Springs. There is a leak on the existing 2" 3-way tee tapping the 12" Grain Valley lateral (C-225: MOP = 125 psig, MAOP = 245 psig). We will bottle off the existing tap upon completion. Main to abandon: 8' - 2" PCS (WO# 12-1505).		
	005027 Total	(211.49)		393.1009 (5) (a) (b)	A,B
20301143476	005028	27,394.70	Approved by: Ralph Janes on 04/18/2014, Replace and abandon 165' - 2" pbs main (1949 wo 25893), 350' - 2" pbs main (1950 wo 28147), 126' - 2" pbs main (1952 wo 34613), 119' - 2" pbs main (1950 wo 28147), 33' - 2" pbs main (1952 wo 35405), 272' - 2" pbs main (1953 wo 38892) 220' - 2" pbs main (1952 wo 51363) and 50' - 2" pcs main (wo 67-3107) by installing 1,320' - 2" pe main. Recent visual inspection during leak repairs warrents replacement. (ISRS)		
20301143476	005028	2,279.85	Approved by: Ralph Janes on 04/18/2014, Replace and abandon 165' - 2" pbs main (1949 wo 25893), 350' - 2" pbs main (1950 wo 28147), 126' - 2" pbs main (1952 wo 34613), 119' - 2" pbs main (1950 wo 28147), 33' - 2" pbs main (1952 wo 35405), 272' - 2" pbs main (1953 wo 38892) 220' - 2" pbs main (1952 wo 51363) and 50' - 2" pcs main (wo 67-3107) by installing 1,320' - 2" pe main. Recent visual inspection during leak repairs warrents replacement. (ISRS)		
20301143476	005028	(428.47)	Approved by: Ralph Janes on 04/18/2014, Replace and abandon 165' - 2" pbs main (1949 wo 25893), 350' - 2" pbs main (1950 wo 28147), 126' - 2" pbs main (1952 wo 34613), 119' - 2" pbs main (1950 wo 28147), 33' - 2" pbs main (1952 wo 35405), 272' - 2" pbs main (1953 wo 38892) 220' - 2" pbs main (1952 wo 51363) and 50' - 2" pcs main (wo 67-3107) by installing 1,320' - 2" pe main. Recent visual inspection during leak repairs warrents replacement. (ISRS)		
	005028 Total	29,246.08		393.1009 (5) (a) (b)	A,B,C
20201143509	005032	1,326.56	Approved by: Ralph Janes on 04/18/2014, Replace 436' - 4" PBS (WO# 202) with 440' - 4" PE. The existing main is actively leaking and is isolated bare steel. Price per ft = \$65.38 due to 12 tie-overs and anticipated paving repairs. (ISRS)		
20201143509	005032	(19.38)	Approved by: Ralph Janes on 04/18/2014, Replace 436' - 4" PBS (WO# 202) with 440' - 4" PE. The existing main is actively leaking and is isolated bare steel. Price per ft = \$65.38 due to 12 tie-overs and anticipated paving repairs. (ISRS)		
	005032 Total	1,307.18		393.1009 (5) (a) (b)	A,B,C

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20201143501	005039	89,949.20	Approved by: Steve Holcomb on 04/23/2014, Replace main around 31st and Overton with 3425' - 2" PE and 160' - 1-1/4" PE. The City of Independence has a storm improvement project with a 54" culvert crossing 31st St near the west property line of 9930 E 31st that would require us to relocate 4" PCS (from 1953). This main is on a single feed pressure system near the dead end (S-179: MOP = MAOP = 2 psig, fed from 29th and Westport Rd). There is a lot of PBS main in the S-179 pressure system and we would like to eventually replace all steel main in the system with PE to retire the DRS. By performing this WO we will take the dead end 1966' off of this system and replace with 2" PE on the C-500 pressure system (MOP = 30 psig, MAOP = 44 psig). This will also create a loop where before there were two dead ends and get us into one of our higher risk sectors (02-01-1303). Main to retire: 578' - 4" PBS (WO# A2631); 383' - 4" PCS (WO# A4029); 260' - 2" PBS (WO# 29534); 18' - 2" PBS (WO# 37684); 126' - 2" PBS (WO# 38338); 50' - 2" PBS (WO# 45594); 92' - 4" PBS (WO# 48327); 242' - 2" PBS (WO# 49146); 84' - 2" PBS (WO# 53016); 32' - 4" PBS (WO# 53017); 861' - 4" PCS (WO# 61-1523); 504' - 2" PCS (WO# 68-7677); 50' - 4" PCS (WO# 71-3985); 2' - 4" PCS (WO# 96-1257); 166' - 2" PE (WO# E323574). (ISRS) Price per ft = \$33.48		
20201143501	005039	3,048.22	Approved by: Steve Holcomb on 04/23/2014, Replace main around 31st and Overton with 3425' - 2" PE and 160' - 1-1/4" PE. The City of Independence has a storm improvement project with a 54" culvert crossing 31st St near the west property line of 9930 E 31st that would require us to relocate 4" PCS (from 1953). This main is on a single feed pressure system near the dead end (S-179: MOP = MAOP = 2 psig, fed from 29th and Westport Rd). There is a lot of PBS main in the S-179 pressure system and we would like to eventually replace all steel main in the system with PE to retire the DRS. By performing this WO we will take the dead end 1966' off of this system and replace with 2" PE on the C-500 pressure system (MOP = 30 psig, MAOP = 44 psig). This will also create a loop where before there were two dead ends and get us into one of our higher risk sectors (02-01-1303). Main to retire: 578' - 4" PBS (WO# A2631); 383' - 4" PCS (WO# A4029); 260' - 2" PBS (WO# 29534); 18' - 2" PBS (WO# 37684); 126' - 2" PBS (WO# 38338); 50' - 2" PBS (WO# 45594); 92' - 4" PBS (WO# 48327); 242' - 2" PBS (WO# 49146); 84' - 2" PBS (WO# 53016); 32' - 4" PBS (WO# 53017); 861' - 4" PCS (WO# 61-1523); 504' - 2" PCS (WO# 68-7677); 50' - 4" PCS (WO# 71-3985); 2' - 4" PCS (WO# 96-1257); 166' - 2" PE (WO# E323574). (ISRS) Price per ft = \$33.48		
20201143501	005039	(3,013.95)	Approved by: Steve Holcomb on 04/23/2014, Replace main around 31st and Overton with 3425' - 2" PE and 160' - 1-1/4" PE. The City of Independence has a storm improvement project with a 54" culvert crossing 31st St near the west property line of 9930 E 31st that would require us to relocate 4" PCS (from 1953). This main is on a single feed pressure system near the dead end (S-179: MOP = MAOP = 2 psig, fed from 29th and Westport Rd). There is a lot of PBS main in the S-179 pressure system and we would like to eventually replace all steel main in the system with PE to retire the DRS. By performing this WO we will take the dead end 1966' off of this system and replace with 2" PE on the C-500 pressure system (MOP = 30 psig, MAOP = 44 psig). This will also create a loop where before there were two dead ends and get us into one of our higher risk sectors (02-01-1303). Main to retire: 578' - 4" PBS (WO# A2631); 383' - 4" PCS (WO# A4029); 260' - 2" PBS (WO# 29534); 18' - 2" PBS (WO# 37684); 126' - 2" PBS (WO# 38338); 50' - 2" PBS (WO# 45594); 92' - 4" PBS (WO# 48327); 242' - 2" PBS (WO# 49146); 84' - 2" PBS (WO# 53016); 32' - 4" PBS (WO# 53017); 861' - 4" PCS (WO# 61-1523); 504' - 2" PCS (WO# 68-7677); 50' - 4" PCS (WO# 71-3985); 2' - 4" PCS (WO# 96-1257); 166' - 2" PE (WO# E323574). (ISRS) Price per ft = \$33.48		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

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20201143501	005039	45.84	Approved by: Steve Holcomb on 04/23/2014, Replace main around 31st and Overton with 3425' - 2" PE and 160' - 1-1/4" PE. The City of Independence has a storm improvement project with a 54" culvert crossing 31st St near the west property line of 9930 E 31st that would require us to relocate 4" PCS (from 1953). This main is on a single feed pressure system near the dead end (S-179: MOP = MAOP = 2 psig, fed from 29th and Westport Rd). There is a lot of PBS main in the S-179 pressure system and we would like to eventually replace all steel main in the system with PE to retire the DRS. By performing this WO we will take the dead end 1966' off of this system and replace with 2" PE on the C-500 pressure system (MOP = 30 psig, MAOP = 44 psig). This will also create a loop where before there were two dead ends and get us into one of our higher risk sectors (02-01-1303). Main to retire: 578' - 4" PBS (WO# A2631); 383' - 4" PCS (WO# A4029); 260' - 2" PBS (WO# 29534); 18' - 2" PBS (WO# 37684); 126' - 2" PBS (WO# 38338); 50' - 2" PBS (WO# 45594); 92' - 4" PBS (WO# 48327); 242' - 2" PBS (WO# 49146); 84' - 2" PBS (WO# 53016); 32' - 4" PBS (WO# 53017); 861' - 4" PCS (WO# 61-1523); 504' - 2" PCS (WO# 68-7677); 50' - 4" PCS (WO# 71-3985); 2' - 4" PCS (WO# 96-1257); 166' - 2" PE (WO# E323574). (ISRS) Price per ft = \$33.48	393.1009 (5) (a) (b)	A,B,C
	005039 Total	90,029.31			
21207143488	005040	(304.48)	Approved by: Gary Williams on 04/22/2014, Replace 4" PBS that is leaking with 4" PE. Tie in 58' NNC Franklin and 30' SSC Franklin. Ensure north side is 4"WEC. Pressure System - C-001.		
21207143488	005040	(40.68)	Approved by: Gary Williams on 04/22/2014, Replace 4" PBS that is leaking with 4" PE. Tie in 58' NNC Franklin and 30' SSC Franklin. Ensure north side is 4"WEC. Pressure System - C-001.		
	005040 Total	(345.16)		393.1009 (5) (a) (b)	A,B,C
20925143474	005042	32,263.57	Approved by: Ralph Janes on 04/23/2014, Rebuild DRS 1 near OOIDA on RD Mize on WO# 14-3474. The existing station (built on WO# 93-1933) is undersized and fed from the original bridle valve setting installed in 1961 which is leaking. Replace the inlet/outlet underground piping and bridle valve setting on WO# 14-3475.	393.1009 (5) (a) (b)	A,B
	005042 Total	32,263.57			
21001143360	005110	(738.77)	Approved by: Gary Williams on 04/28/2014, TO LAY 542FT -6IN PE MAIN,REPLACE 542FT-10IN CI MAIN (WO#94-0724 330FT,WO#77-1701 73FT,WO#06-0843 110FT). THIS WORK ORDER IS NECESSARY DUE TO LEAKAGE		
21001143360	005110	(89.02)	Approved by: Gary Williams on 04/28/2014, TO LAY 542FT -6IN PE MAIN,REPLACE 542FT-10IN CI MAIN (WO#94-0724 330FT,WO#77-1701 73FT,WO#06-0843 110FT). THIS WORK ORDER IS NECESSARY DUE TO LEAKAGE		
	005110 Total	(827.79)		393.1009 (5) (a) (b)	A,B,C,D,I
21001143464	005111	(73.57)	Approved by: Gary Williams on 04/28/2014, To lay 450' of 4"PE main to replace 450' of 4" bare steel main due to down project. Pressure System: C-01: MOP : .88oz MAOP: .88oz Design MAOP: .88oz Pressure Test: 100 PSIG.		
21001143464	005111	(21.63)	Approved by: Gary Williams on 04/28/2014, To lay 450' of 4"PE main to replace 450' of 4" bare steel main due to down project. Pressure System: C-01: MOP : .88oz MAOP: .88oz Design MAOP: .88oz Pressure Test: 100 PSIG.		
	005111 Total	(95.20)		393.1009 (5) (a) (b)	A,B,C
21001143359	005112	(159.66)	Approved by: Gary Williams on 04/28/2014, TO LAY 103FT-2IN PE MAIN TO REPLACE 103FT-1 1/8 PE (WO#74-2599). Due to increased load.		
21001143359	005112	(10.32)	Approved by: Gary Williams on 04/28/2014, TO LAY 103FT-2IN PE MAIN TO REPLACE 103FT-1 1/8 PE (WO#74-2599). Due to increased load.		
	005112 Total	(169.98)		393.1009 (5) (a) (b)	A,B

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
21001143463	005113	(132.54)	Approved by: Gary Williams on 04/28/2014, To lay 150' of 4"PE main to replace 150' of 4" bare steel main due to down project. System: C-O1: MOP :14oz MAOP : .88oz Design MAOP : .88oz Pressure Test: 100 PSIG.		
21001143463	005113	(14.44)	Approved by: Gary Williams on 04/28/2014, To lay 150' of 4"PE main to replace 150' of 4" bare steel main due to down project. System: C-O1: MOP :14oz MAOP : .88oz Design MAOP : .88oz Pressure Test: 100 PSIG.		
	005113 Total	(146.98)		393.1009 (5) (a) (b)	A,B,C
20902143513	005153	40,690.88	Approved by: Ralph Janes on 05/01/2014, Replace and abandon 390' - 4" pbs main (A5793A), 440' - 4" pcs main (625815), 54' - 4" pcs main (899394) and 25' - 2" pcs main (620273) by installing 885' - 4" pe main and 25' - 2" pe main. We (and the City)discovered our main is 6" below the asphalt in the street and plan to replace it and move it out from under the street. (ISRS)		
20902143513	005153	8,478.08	Approved by: Ralph Janes on 05/01/2014, Replace and abandon 390' - 4" pbs main (A5793A), 440' - 4" pcs main (625815), 54' - 4" pcs main (899394) and 25' - 2" pcs main (620273) by installing 885' - 4" pe main and 25' - 2" pe main. We (and the City)discovered our main is 6" below the asphalt in the street and plan to replace it and move it out from under the street. (ISRS)		
20902143513	005153	(865.92)	Approved by: Ralph Janes on 05/01/2014, Replace and abandon 390' - 4" pbs main (A5793A), 440' - 4" pcs main (625815), 54' - 4" pcs main (899394) and 25' - 2" pcs main (620273) by installing 885' - 4" pe main and 25' - 2" pe main. We (and the City)discovered our main is 6" below the asphalt in the street and plan to replace it and move it out from under the street. (ISRS)		
	005153 Total	48,303.04		393.1009 (5) (a) (b)	A,B,C
20401143422	005250	5,321.09	Approved by: Kevin Driskell on 03/28/2014, Replace 4in CI w/ 190'-4in PE due to leak. Tie-over 3 services and replace 1 service.		
	005250 Total	5,321.09		393.1009 (5) (a) (b)	A,B,C,D,I
20506143552	005251	(421.12)	Approved by: Galen Shoemaker on 05/07/2014, Replace 497' of 2" PBS and 126' of 2" PCS with 625' of 2" PE due to conflict with new storm sewer. There have been 3 repaired leaks on the main to be abandoned. Project Location: Pearl St and Hwy 171. System: S-1. MOP: 18 PSIG. MAOP: 18 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$33.66.		
20506143552	005251	(7,153.05)	Approved by: Galen Shoemaker on 05/07/2014, Replace 497' of 2" PBS and 126' of 2" PCS with 625' of 2" PE due to conflict with new storm sewer. There have been 3 repaired leaks on the main to be abandoned. Project Location: Pearl St and Hwy 171. System: S-1. MOP: 18 PSIG. MAOP: 18 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$33.66.		
20506143552	005251	195.47	Approved by: Galen Shoemaker on 05/07/2014, Replace 497' of 2" PBS and 126' of 2" PCS with 625' of 2" PE due to conflict with new storm sewer. There have been 3 repaired leaks on the main to be abandoned. Project Location: Pearl St and Hwy 171. System: S-1. MOP: 18 PSIG. MAOP: 18 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$33.66.		
20506143552	005251	544.26	Approved by: Galen Shoemaker on 05/07/2014, Replace 497' of 2" PBS and 126' of 2" PCS with 625' of 2" PE due to conflict with new storm sewer. There have been 3 repaired leaks on the main to be abandoned. Project Location: Pearl St and Hwy 171. System: S-1. MOP: 18 PSIG. MAOP: 18 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$33.66.		
	005251 Total	(6,834.44)		393.1009 (5) (C)	
20401143309	005270	310,904.90	Approved by: Steve Holcomb on 05/09/2014, (ISRS) Relocate 4in PBS and 4in PE with 1,787ft-2in PE and 2,557ft-4in PE due to public improvement project. Work orders 13-2371 (55th and Cambridge) and 13-2374 (48th and Ararat) must be completed first to provide loop feeds before pipe can be abandoned. Lots of work expected. Contact Chris Collins 1 week prior to start of work to schedule staking. COST PER FOOT \$51.69		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

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	005270 Total	310,904.90		393.1009 (5) (C)	
20507143505	005271	(0.43)	Approved by: Galen Shoemaker on 05/09/2014, Abandon 138' - 2" PBS (WO#: NONE) and 9' - 3" PBS (WO#: NONE) to clear one #3 leak due to multiple fittings that could not be tightened. Project Location: 3rd and Maple; Pressure System: S-1; MOP: 3.5 psig; MAOP: 3.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$79.92/ft		
20507143505	005271	(23.54)	Approved by: Galen Shoemaker on 05/09/2014, Abandon 138' - 2" PBS (WO#: NONE) and 9' - 3" PBS (WO#: NONE) to clear one #3 leak due to multiple fittings that could not be tightened. Project Location: 3rd and Maple; Pressure System: S-1; MOP: 3.5 psig; MAOP: 3.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$79.92/ft		
20507143505	005271	(114.88)	Approved by: Galen Shoemaker on 05/09/2014, Abandon 138' - 2" PBS (WO#: NONE) and 9' - 3" PBS (WO#: NONE) to clear one #3 leak due to multiple fittings that could not be tightened. Project Location: 3rd and Maple; Pressure System: S-1; MOP: 3.5 psig; MAOP: 3.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$79.92/ft		
20507143505	005271	5.81	Approved by: Galen Shoemaker on 05/09/2014, Abandon 138' - 2" PBS (WO#: NONE) and 9' - 3" PBS (WO#: NONE) to clear one #3 leak due to multiple fittings that could not be tightened. Project Location: 3rd and Maple; Pressure System: S-1; MOP: 3.5 psig; MAOP: 3.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$79.92/ft		
	005271 Total	(133.04)		393.1009 (5) (a) (b)	A,B,C
20401143555	005294	45.46	Approved by: Kevin Driskell on 05/13/2014, 6" CI was replaced with 6" PE. Pressure system - C-001		
20401143555	005294	9.77	Approved by: Kevin Driskell on 05/13/2014, 6" CI was replaced with 6" PE. Pressure system - C-001		
	005294 Total	55.23		393.1009 (5) (a) (b)	A,B,C,D,I
21271143517	005295	74,180.24	Approved by: Steve Holcomb on 05/14/2014, Purpose of this project is to replace 2" PBS with 2" PE due to leaks - 5/5/3. Service tie overs 44. Pressure System - C-006. MOP 35 psig. MAOP - 35 psig. Retire BS 2in 505' 1949 I3446; BS 2in 1130' 1950 I3531; BS 2in 515' 1948 I3385; BS 2in 290' 1953 UNKNOWN.		
	005295 Total	74,180.24		393.1009 (5) (a) (b)	A,B,C
20801143551	005296	(1,910.67)	Approved by: Galen Shoemaker on 05/13/2014, To lay 150ft of 2in Plastic along Sycamore St to replace 2" BS Main. Then we will insert 1 1/4in Plastic into 2in BS running South to meter at school, converting that to Service. This will retire 47ft-2in Bare Steel Main from WO 35854 and 244ft-2in BS from 15422 and 83ft-2in BS Main from 37785. There is one repaired leak on the BS Main to be replaced. MOP=40# MAOP=44# SYSTEM=C-1. Price Per Foot: \$8.46.		
	005296 Total	(1,910.67)		393.1009 (5) (a) (b)	A,B,C
20401143575	005332	4,582.03	Approved by: Kevin Driskell on 05/18/2014, Repl 120ft-1 1/4in pe service line WITH 120ft-2in pe service line due to increase in load (17,900 cfh). Tie-in 4in cs (wo#89-6994). ECONOMIC EVALUATION WILL COVER THIS PROJECT.		
20401143575	005332	(0.01)	Approved by: Kevin Driskell on 05/18/2014, Repl 120ft-1 1/4in pe service line WITH 120ft-2in pe service line due to increase in load (17,900 cfh). Tie-in 4in cs (wo#89-6994). ECONOMIC EVALUATION WILL COVER THIS PROJECT.		
	005332 Total	4,582.02		393.1009 (5) (a) (b)	A,B,D

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20806143587	005342	946.06	Approved by: Galen Shoemaker on 05/22/2014, Abandon 446' - 2" PBS (WO#'s: 12380,22648), 150' - 4" PBS (WO#: A7344A), 15' - 2" PCS (WO#: 79-0262), and 3' - 2" PE (WO#: 85-2621) and replace with 15' - 2" Thinfil, 570' - 4" Thinfil, and 60' - 2" PE due to multiple Dresser fittings that have caused a history of leakage and interference with the rectifier. The City of Neosho is going to be overlaying South St, so we will need to get this done as soon as possible. The bare steel in South St gets out from under the road roughly 150' West of the intersection, so we will not mess up their new pavement when we go to replace on to the West in the future. Project Location: South St and Oakridge Dr; Pressure System: C-1; MOP: 42 psig; MAOP: 42 psig; Design: 58 psig; Test: 100 psig; ISRS \$64.45/ft		
20806143587	005342	(568.53)	Approved by: Galen Shoemaker on 05/22/2014, Abandon 446' - 2" PBS (WO#'s: 12380,22648), 150' - 4" PBS (WO#: A7344A), 15' - 2" PCS (WO#: 79-0262), and 3' - 2" PE (WO#: 85-2621) and replace with 15' - 2" Thinfil, 570' - 4" Thinfil, and 60' - 2" PE due to multiple Dresser fittings that have caused a history of leakage and interference with the rectifier. The City of Neosho is going to be overlaying South St, so we will need to get this done as soon as possible. The bare steel in South St gets out from under the road roughly 150' West of the intersection, so we will not mess up their new pavement when we go to replace on to the West in the future. Project Location: South St and Oakridge Dr; Pressure System: C-1; MOP: 42 psig; MAOP: 42 psig; Design: 58 psig; Test: 100 psig; ISRS \$64.45/ft		
20806143587	005342	446.02	Approved by: Galen Shoemaker on 05/22/2014, Abandon 446' - 2" PBS (WO#'s: 12380,22648), 150' - 4" PBS (WO#: A7344A), 15' - 2" PCS (WO#: 79-0262), and 3' - 2" PE (WO#: 85-2621) and replace with 15' - 2" Thinfil, 570' - 4" Thinfil, and 60' - 2" PE due to multiple Dresser fittings that have caused a history of leakage and interference with the rectifier. The City of Neosho is going to be overlaying South St, so we will need to get this done as soon as possible. The bare steel in South St gets out from under the road roughly 150' West of the intersection, so we will not mess up their new pavement when we go to replace on to the West in the future. Project Location: South St and Oakridge Dr; Pressure System: C-1; MOP: 42 psig; MAOP: 42 psig; Design: 58 psig; Test: 100 psig; ISRS \$64.45/ft		
	005342 Total	823.55			
21251143578	005394	(159.26)	Approved by: Kevin Driskell on 05/28/2014, Replace 16ft of 8" PCS due to 3rd party damage. Pressure system C-041 Ret 16'-8in coated steel, year 1967, wo 67-1440.	393.1009 (5) (a) (b)	A,B,C
21251143578	005394	-	Approved by: Kevin Driskell on 05/28/2014, Replace 16ft of 8" PCS due to 3rd party damage. Pressure system C-041 Ret 16'-8in coated steel, year 1967, wo 67-1440.		
21251143578	005394	63.81	Approved by: Kevin Driskell on 05/28/2014, Replace 16ft of 8" PCS due to 3rd party damage. Pressure system C-041 Ret 16'-8in coated steel, year 1967, wo 67-1440.		
	005394 Total	(95.45)		393.1009 (5) (a) (b)	A,B
21001143577	005396	(4,885.22)	Approved by: Steve Holcomb on 05/28/2014, Replace 4" PBS, 4" PCS, and 3" PCS with 2" and 4" PE due to down project. Pressure System - C-02		
21001143577	005396	422.88	Approved by: Steve Holcomb on 05/28/2014, Replace 4" PBS, 4" PCS, and 3" PCS with 2" and 4" PE due to down project. Pressure System - C-02		
	005396 Total	(4,462.34)		393.1009 (5) (a) (b)	A,B,C

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20401143489	005432	887,506.89	Approved by: Steve Holcomb on 06/02/2014, ISRS. Replace and abandon a total of 8,218' of cast iron, 4,892' of PBS, 233' of PE and 622' of PCS main in Sector 0306 with 12,865' of 2" and 2,830' of 4" PE. New main will tie into the C-175 KCLS pressure system. New main to operate at 50 psig MOP, 58 psig MAOP. Test all mains at 100 psi for a design MAOP = 58 psig. Existing main to be replaced has an MOP = 1.10 psig & MAOP = 2.20 psig. All service regulators will need to be changed. 64- Bare steel services are to be replaced. Replacement services are to be charged to a service replacement blanket work order. 334- Service tieovers are to be performed. A tailgate meeting will need to be scheduled for tie in and abandonment procedures.	393.1009 (5) (a) (b)	A,B,C,D,I
	005432 Total	887,506.89			
20401143480	005433	1,294.20	Approved by: Kevin Driskell on 06/05/2014, ISRS LAY 101' - 4" PE DUE TO LEAK ON EXISTING 4" CI MAIN ON EAST SIDE OF BROOKLYN AVE. ABANDON 112'-4" CI (UNKNOWN W.O.). ONE WAY FEED.		
20401143480	005433	8.59	Approved by: Kevin Driskell on 06/05/2014, ISRS LAY 101' - 4" PE DUE TO LEAK ON EXISTING 4" CI MAIN ON EAST SIDE OF BROOKLYN AVE. ABANDON 112'-4" CI (UNKNOWN W.O.). ONE WAY FEED.		
	005433 Total	1,302.79		393.1009 (5) (a) (b)	A,B,C,D,I
20801143585	005451	2,797.11	Approved by: Galen Shoemaker on 06/06/2014, To lay 50ft of 2in Coated Steel Main to replace 40ft of 2in Protected Bare Steel from WO 14582 and 10ft of 2in Coated Steel Main from WO 631926. Active #3 leak 14-31 will be repaired with this replacement. MAOP=44# MOP=40# SYSTEM=C-1 TEST=100#		
20801143585	005451	343.32	Approved by: Galen Shoemaker on 06/06/2014, To lay 50ft of 2in Coated Steel Main to replace 40ft of 2in Protected Bare Steel from WO 14582 and 10ft of 2in Coated Steel Main from WO 631926. Active #3 leak 14-31 will be repaired with this replacement. MAOP=44# MOP=40# SYSTEM=C-1 TEST=100#		
20801143585	005451	(25.51)	Approved by: Galen Shoemaker on 06/06/2014, To lay 50ft of 2in Coated Steel Main to replace 40ft of 2in Protected Bare Steel from WO 14582 and 10ft of 2in Coated Steel Main from WO 631926. Active #3 leak 14-31 will be repaired with this replacement. MAOP=44# MOP=40# SYSTEM=C-1 TEST=100#		
20801143585	005451	(20.71)	Approved by: Galen Shoemaker on 06/06/2014, To lay 50ft of 2in Coated Steel Main to replace 40ft of 2in Protected Bare Steel from WO 14582 and 10ft of 2in Coated Steel Main from WO 631926. Active #3 leak 14-31 will be repaired with this replacement. MAOP=44# MOP=40# SYSTEM=C-1 TEST=100#		
	005451 Total	3,094.21		393.1009 (5) (a) (b)	A,B,C
21001143534	005462	(193.96)	Approved by: Gary Williams on 06/10/2014, Replace PBS due to down project. Pressure system C-01		
21001143534	005462	-	Approved by: Gary Williams on 06/10/2014, Replace PBS due to down project. Pressure system C-01		
21001143534	005462	1.08	Approved by: Gary Williams on 06/10/2014, Replace PBS due to down project. Pressure system C-01		
	005462 Total	(192.88)		393.1009 (5) (a) (b)	A,B,C
20804143597	005463	(58.71)	Approved by: Galen Shoemaker on 06/10/2014, To replace 6ft of 3in Coated Steel Main from WO 7906K with 3in Coated Steel to lower Main to allow for a 24in Plastic Drain to be installed in the path of our existing Main. MOP=25# MAOP=25# SYSTEM=S-3 TEST=100# ISRS		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

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20804143597	005463	-	Approved by: Galen Shoemaker on 06/10/2014, To replace 6ft of 3in Coated Steel Main from WO 7906K with 3in Coated Steel to lower Main to allow for a 24in Plastic Drain to be installed in the path of our existing Main. MOP=25# MAOP=25# SYSTEM=S-3 TEST=100# ISRS		
20804143597	005463	0.95	Approved by: Galen Shoemaker on 06/10/2014, To replace 6ft of 3in Coated Steel Main from WO 7906K with 3in Coated Steel to lower Main to allow for a 24in Plastic Drain to be installed in the path of our existing Main. MOP=25# MAOP=25# SYSTEM=S-3 TEST=100# ISRS		
	005463 Total	(57.76)		393.1009 (5) (C)	
21001143532	005466	10,702.77	Approved by: Gary Williams on 06/10/2014, Replace PBS due to down project		
21001143532	005466	38.01	Approved by: Gary Williams on 06/10/2014, Replace PBS due to down project		
21001143532	005466	(1,080.88)	Approved by: Gary Williams on 06/10/2014, Replace PBS due to down project		
21001143532	005466	136.69	Approved by: Gary Williams on 06/10/2014, Replace PBS due to down project		
	005466 Total	9,796.59		393.1009 (5) (a) (b)	A,B,C
21001143536	005467	6,119.67	Approved by: Gary Williams on 06/10/2014, Replace PBS due to down project. Pressure system C-01		
21001143536	005467	0.82	Approved by: Gary Williams on 06/10/2014, Replace PBS due to down project. Pressure system C-01		
	005467 Total	6,120.49		393.1009 (5) (a) (b)	A,B,C
20812143611	005492	156,809.47	Approved by: Steve Holcomb on 06/10/2014, Abandon 4886' - 2" PBS (WO#'s: J013B, 31318, 32829, 33073, 33074, 43613, 47580, 55232, 57248, 59203), 821' - 2" PCS (WO#'s: 28151, 61-2197, 61-2345, 73-1738, 77-1756, 98-5873), 68' - 1.25" PE (WO#: 92-3062), and 196' - 2" PE (WO#'s: 96-2101, 08-5318) and replace with 5775' - 2" PE due to City of Republic Overlay program. This work will also remove a section of back easement main and tie those services over to new main in the street and create several new loops in the C-1 pressure system. There are 12 repaired leaks on this main with zero active. Project Location: Hines St and Main St. Pressure System: C-1; MOP: 39.5 psig; MAOP: 39.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$32.17/ft		
20812143611	005492	(653.91)	Approved by: Steve Holcomb on 06/10/2014, Abandon 4886' - 2" PBS (WO#'s: J013B, 31318, 32829, 33073, 33074, 43613, 47580, 55232, 57248, 59203), 821' - 2" PCS (WO#'s: 28151, 61-2197, 61-2345, 73-1738, 77-1756, 98-5873), 68' - 1.25" PE (WO#: 92-3062), and 196' - 2" PE (WO#'s: 96-2101, 08-5318) and replace with 5775' - 2" PE due to City of Republic Overlay program. This work will also remove a section of back easement main and tie those services over to new main in the street and create several new loops in the C-1 pressure system. There are 12 repaired leaks on this main with zero active. Project Location: Hines St and Main St. Pressure System: C-1; MOP: 39.5 psig; MAOP: 39.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$32.17/ft		
	005492 Total	156,155.56		393.1009 (5) (C)	
21207143502	005515	37,991.93	Approved by: Gary Williams on 06/13/2014, (ISRS) Lay 325'-6in thin film for MODOT project J4I3005 under I-35. Main needs to be 12' deep under the highway due to cuts. No services to tie-over. Retire 325'-10in PCS, WO 67-5537, Year 1967. COST PER FOOT \$132.92		
	005515 Total	37,991.93		393.1009 (5) (C)	
21205143503	005516	100,429.48	Approved by: Steve Holcomb on 06/13/2014, (ISRS). Relocate 6in PBS and 6in PCS with 1,740'-6in PE and 75'-2in PE due to public improvement project. Tie over 11 services. Retire 7'-6in PE, WO 12-1650, Year 2012; 1372'-6in PBS, WO I3344, Year 1947; 359'-6in PCS, WO 81-4043; Year 1981; 10'-4in PE, WO 87-3108, Year 1987; 15'-2in PE, WO 04-46743, Year 2004; 50'-2in PCS, WO 64-4436, Year 1964; 45'-6in PCS, WO A9533A, Year 1958.		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

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21205143503	005516	1,865.84	Approved by: Steve Holcomb on 06/13/2014, (ISRS). Relocate 6in PBS and 6in PCS with 1,740'-6in PE and 75'-2in PE due to public improvement project. Tie over 11 services. Retire 7'-6in PE, WO 12-1650, Year 2012; 1372'-6in PBS, WO I3344, Year 1947; 359'-6in PCS, WO 81-4043; Year 1981; 10'-4in PE, WO 87-3108, Year 1987; 15'-2in PE, WO 04-46743, Year 2004; 50'-2in PCS, WO 64-4436, Year 1964; 45'-6in PCS, WO A9533A, Year 1958.		
	005516 Total	102,295.32		393.1009 (5) (C)	
20401143560	005517	10,991.12	Approved by: Gary Williams on 06/13/2014, ISRS Replace 1124' of 4" CI with 2" PE (due to graphitization). Current CI is tied onto pressure system: C-1 . New 2" PE tie in will be on 16" CS. Service tie overs 14. Pressure system:C-3. Be sure to abandon east of CI break 12-1014.		
20401143560	005517	129.80	Approved by: Gary Williams on 06/13/2014, ISRS Replace 1124' of 4" CI with 2" PE (due to graphitization). Current CI is tied onto pressure system: C-1 . New 2" PE tie in will be on 16" CS. Service tie overs 14. Pressure system:C-3. Be sure to abandon east of CI break 12-1014.		
	005517 Total	11,120.92		393.1009 (5) (a) (b)	A,B,C,D,I
20501143621	005551	37,016.21	Approved by: Steve Holcomb on 06/23/2014, Abandon 1243' - 2" PBS (WO#'s: NONE, 16508, 17242), 380' - 3" PBS (WO#: NONE), and 27' - 3" PE (WO#: 84-0101) and replace with 1245' - 2" PE due to City of Joplin sidewalk project. New main will be tied to C-1, 58 psig pressure system. Services to 2733 and 2813 E 12th will be cut off and tested to 100 psig for a minimum of 15 minutes prior to tie-over. Project Location: 11th and Highview; Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; ISRS \$49.19/ft		
20501143621	005551	237.88	Approved by: Steve Holcomb on 06/23/2014, Abandon 1243' - 2" PBS (WO#'s: NONE, 16508, 17242), 380' - 3" PBS (WO#: NONE), and 27' - 3" PE (WO#: 84-0101) and replace with 1245' - 2" PE due to City of Joplin sidewalk project. New main will be tied to C-1, 58 psig pressure system. Services to 2733 and 2813 E 12th will be cut off and tested to 100 psig for a minimum of 15 minutes prior to tie-over. Project Location: 11th and Highview; Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; ISRS \$49.19/ft		
	005551 Total	37,254.09		393.1009 (5) (C)	
20501143622	005555	116,872.01	Approved by: Galen Shoemaker on 06/24/2014, Abandon 290' - 2" PBS (WO#: NONE), 541' - 2" PCS (WO#'s: NONE, 66-3319, 79-0557, LK940344), and 11' - 2" PE (WO#: 94-1168) and relocate with 1185' - 2" PE due to grade cuts associated with City of Joplin sidewalk project. This work order will also create new loops in the C-100 Pressure System. There are no active leaks on this project, but 7 previously repaired leaks. Project Location: Rolla and Brownell; Pressure System: C-100; MOP: 30 psig; MAOP: 30 psig; Design: 58 psig; Test: 100 psig; ISRS \$42.09/ft		
	005555 Total	116,872.01		393.1009 (5) (C)	
21272143478	005556	72,544.16	Approved by: Steve Holcomb on 06/25/2014, (ISRS). Relocate 8in PBS & PCS with 410'-8in PCS due to public improvement project. City is cutting in a new street on an old vacant right of way. Tie over 3 services. MODOT permit needed for project.		
21272143478	005556	163.34	Approved by: Steve Holcomb on 06/25/2014, (ISRS). Relocate 8in PBS & PCS with 410'-8in PCS due to public improvement project. City is cutting in a new street on an old vacant right of way. Tie over 3 services. MODOT permit needed for project.		
	005556 Total	72,707.50		393.1009 (5) (C)	
20506143648	005577	319.49	Approved by: Galen Shoemaker on 06/26/2014, *MODOT Permit Required* Abandon 32' - 3" PCS (WO#: 69-2037) and relocate with 42' - 4" Thinfil due to conflict with drop inlet box associated with new roundabout at 171 and HWY 43. There are no active or repaired leaks on this section of main. Main is on rectifier. Pressure System: S-1; MOP: 15 psig; MAOP: 15 psig; Design: 58 psig; Test: 100 psig; ISRS		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
	005577 Total	319.49		393.1009 (5) (C)	
21001143533	005592	32,210.09	Approved by: Steve Holcomb on 06/30/2014, Replace 8" CI WITH 6" PE DUE TO LEAKS. PRESSURE SYSTEM C-01		
21001143533	005592	9,145.27	Approved by: Steve Holcomb on 06/30/2014, Replace 8" CI WITH 6" PE DUE TO LEAKS. PRESSURE SYSTEM C-01		
21001143533	005592	(767.04)	Approved by: Steve Holcomb on 06/30/2014, Replace 8" CI WITH 6" PE DUE TO LEAKS. PRESSURE SYSTEM C-01		
21001143533	005592	(683.61)	Approved by: Steve Holcomb on 06/30/2014, Replace 8" CI WITH 6" PE DUE TO LEAKS. PRESSURE SYSTEM C-01		
	005592 Total	39,904.71		393.1009 (5) (a) (b)	A,B,C,D,I
20910143640	005610	(49.67)	Approved by: Ralph Janes on 06/23/2014, Relocate and retire 120' - 2" pe service line (work order 05-8339) by installing 135' - 2" pe service line to allow the Holden School District to build a new Childhood Development Center.		
	005610 Total	(49.67)		393.1009 (5) (C)	
20307143658	005633	3,364.94	Approved by: Ralph Janes on 07/02/2014, Relocate and abandon 8' - 6" pcs main (work order 132741) by installing 16' - 6" pcs main to allow City to install new strom sewer structure. (ISRS)		
20307143658	005633	904.96	Approved by: Ralph Janes on 07/02/2014, Relocate and abandon 8' - 6" pcs main (work order 132741) by installing 16' - 6" pcs main to allow City to install new strom sewer structure. (ISRS)		
20307143658	005633	(42.39)	Approved by: Ralph Janes on 07/02/2014, Relocate and abandon 8' - 6" pcs main (work order 132741) by installing 16' - 6" pcs main to allow City to install new strom sewer structure. (ISRS)		
20307143658	005633	(69.72)	Approved by: Ralph Janes on 07/02/2014, Relocate and abandon 8' - 6" pcs main (work order 132741) by installing 16' - 6" pcs main to allow City to install new strom sewer structure. (ISRS)		
	005633 Total	4,157.79		393.1009 (5) (C)	
20401143586	005677	110,798.91	Approved by: Steve Holcomb on 07/09/2014, ISRS Replace CI due to graphitization. New 4" PE running from Indiana to Jackson along 60th that is currently tied to pressure system C-1 will be tied to pressure system C-175 on the Indiana end. 12" CI being replaced by 8" PE running north and south along Swope Pkwy will be tied to pressure system C-1. Regulators will need to be changed out on C-175 System.		
20401143586	005677	88,675.88	Approved by: Steve Holcomb on 07/09/2014, ISRS Replace CI due to graphitization. New 4" PE running from Indiana to Jackson along 60th that is currently tied to pressure system C-1 will be tied to pressure system C-175 on the Indiana end. 12" CI being replaced by 8" PE running north and south along Swope Pkwy will be tied to pressure system C-1. Regulators will need to be changed out on C-175 System.		
20401143586	005677	18,827.39	Approved by: Steve Holcomb on 07/09/2014, ISRS Replace CI due to graphitization. New 4" PE running from Indiana to Jackson along 60th that is currently tied to pressure system C-1 will be tied to pressure system C-175 on the Indiana end. 12" CI being replaced by 8" PE running north and south along Swope Pkwy will be tied to pressure system C-1. Regulators will need to be changed out on C-175 System.		
	005677 Total	218,302.18		393.1009 (5) (a) (b)	A,B,C,D,I
20401143569	005679	84,619.84	Approved by: Steve Holcomb on 07/09/2014, Replace 4" and 6" CI main due to graphitization. CI break 12-1018 - 122' NNC of 50th St and 4' EEC of highland. Due 09-28-2014. Pressure System C-001		
20401143569	005679	15,389.95	Approved by: Steve Holcomb on 07/09/2014, Replace 4" and 6" CI main due to graphitization. CI break 12-1018 - 122' NNC of 50th St and 4' EEC of highland. Due 09-28-2014. Pressure System C-001		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20401143569	005679	11,910.35	Approved by: Steve Holcomb on 07/09/2014, Replace 4" and 6" CI main due to graphitization. CI break 12-1018 - 122' NNC of 50th St and 4' EEC of highland. Due 09-28-2014. Pressure System C-001		
20401143569	005679	(2,384.01)	Approved by: Steve Holcomb on 07/09/2014, Replace 4" and 6" CI main due to graphitization. CI break 12-1018 - 122' NNC of 50th St and 4' EEC of highland. Due 09-28-2014. Pressure System C-001		
	005679 Total	109,536.13		393.1009 (5) (a) (b)	A,B,C,D,I
20401143656	005683	(925.65)	Approved by: Kevin Driskell on 07/07/2014, This work order is due to public improvement project. Removal and installation of new curb inlet box (conflict is with new larger box). Contact Eric Bachman (913-961-5884) with Mega Ind. before start of project for site visit.		
20401143656	005683	-	Approved by: Kevin Driskell on 07/07/2014, This work order is due to public improvement project. Removal and installation of new curb inlet box (conflict is with new larger box). Contact Eric Bachman (913-961-5884) with Mega Ind. before start of project for site visit.		
20401143656	005683	73.51	Approved by: Kevin Driskell on 07/07/2014, This work order is due to public improvement project. Removal and installation of new curb inlet box (conflict is with new larger box). Contact Eric Bachman (913-961-5884) with Mega Ind. before start of project for site visit.		
	005683 Total	(852.14)		393.1009 (5) (C)	
21274143634	005687	2,817.01	Approved by: Kevin Driskell on 07/11/2014, ISRS Relocate main for public improvement project. Pressure System C-006. Coordinate with Engineering prior to construction.		
21274143634	005687	977.06	Approved by: Kevin Driskell on 07/11/2014, ISRS Relocate main for public improvement project. Pressure System C-006. Coordinate with Engineering prior to construction.		
21274143634	005687	(45.74)	Approved by: Kevin Driskell on 07/11/2014, ISRS Relocate main for public improvement project. Pressure System C-006. Coordinate with Engineering prior to construction.		
21274143634	005687	(75.26)	Approved by: Kevin Driskell on 07/11/2014, ISRS Relocate main for public improvement project. Pressure System C-006. Coordinate with Engineering prior to construction.		
	005687 Total	3,673.07		393.1009 (5) (C)	
21207143665	005730	94.14	Approved by: Gary Williams on 07/16/2014, ISRS. Relocate 2" and 4" PCS in several locations for public improvement project - Due to installation of curb inlet boxes. Construction is scheduled to start around week of July 21st. System C-001 33psig. Coordinate with engineering prior to construction.		
21207143665	005730	(0.49)	Approved by: Gary Williams on 07/16/2014, ISRS. Relocate 2" and 4" PCS in several locations for public improvement project - Due to installation of curb inlet boxes. Construction is scheduled to start around week of July 21st. System C-001 33psig. Coordinate with engineering prior to construction.		
	005730 Total	93.65		393.1009 (5) (C)	
21207143620	005732	77,244.50	Approved by: Steve Holcomb on 07/14/2014, ISRS Relocate gas mains due to public improvement project. Public improvement is due to start 2nd week of July. New gas mains will be tied to intermediate pressure abandoning the low pressure currently in the area. Cut and caps at low pressure locations will be critical to ensure the new gas mains have intermediate pressure and are not connected to low pressure system in the area. Coordinate with Engineering prior to construction.		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
21207143620	005732	190.86	Approved by: Steve Holcomb on 07/14/2014, ISRS Relocate gas mains due to public improvement project. Public improvement is due to start 2nd week of July. New gas mains will be tied to intermediate pressure abandoning the low pressure currently in the area. Cut and caps at low pressure locations will be critical to ensure the new gas mains have intermediate pressure and are not connected to low pressure system in the area. Coordinate with Engineering prior to construction.		
21207143620	005732	1,379.28	Approved by: Steve Holcomb on 07/14/2014, ISRS Relocate gas mains due to public improvement project. Public improvement is due to start 2nd week of July. New gas mains will be tied to intermediate pressure abandoning the low pressure currently in the area. Cut and caps at low pressure locations will be critical to ensure the new gas mains have intermediate pressure and are not connected to low pressure system in the area. Coordinate with Engineering prior to construction.		
21207143620	005732	(145.08)	Approved by: Steve Holcomb on 07/14/2014, ISRS Relocate gas mains due to public improvement project. Public improvement is due to start 2nd week of July. New gas mains will be tied to intermediate pressure abandoning the low pressure currently in the area. Cut and caps at low pressure locations will be critical to ensure the new gas mains have intermediate pressure and are not connected to low pressure system in the area. Coordinate with Engineering prior to construction.		
	005732 Total	78,669.56			
				393.1009 (5) (C)	
20501143667	005733	8,672.47	Approved by: Galen Shoemaker on 07/14/2014, Abandon 848' - 2" PBS (WO#'s: NONE, 3759, 26765, 29320, 45855, 66-0077, 66-2012), 199' - 2" PCS (WO#: 66-4776), and 148' - 3" PCS (WO#: 57692) and replace with 1215' - 2" PE due to conflict with proposed sidewalk improvement. There is one active #3 Leak (Leak No. 10-0084) and 5 repaired leaks on this stretch of main. The school is wanting this project done before school starts. Project Location: 1st and McKinley; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$39.99/ft		
20501143667	005733	(9,961.83)	Approved by: Galen Shoemaker on 07/14/2014, Abandon 848' - 2" PBS (WO#'s: NONE, 3759, 26765, 29320, 45855, 66-0077, 66-2012), 199' - 2" PCS (WO#: 66-4776), and 148' - 3" PCS (WO#: 57692) and replace with 1215' - 2" PE due to conflict with proposed sidewalk improvement. There is one active #3 Leak (Leak No. 10-0084) and 5 repaired leaks on this stretch of main. The school is wanting this project done before school starts. Project Location: 1st and McKinley; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$39.99/ft		
20501143667	005733	(10,648.99)	Approved by: Galen Shoemaker on 07/14/2014, Abandon 848' - 2" PBS (WO#'s: NONE, 3759, 26765, 29320, 45855, 66-0077, 66-2012), 199' - 2" PCS (WO#: 66-4776), and 148' - 3" PCS (WO#: 57692) and replace with 1215' - 2" PE due to conflict with proposed sidewalk improvement. There is one active #3 Leak (Leak No. 10-0084) and 5 repaired leaks on this stretch of main. The school is wanting this project done before school starts. Project Location: 1st and McKinley; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$39.99/ft		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20501143667	005733	1,538.04	Approved by: Galen Shoemaker on 07/14/2014, Abandon 848' - 2" PBS (WO#'s: NONE, 3759, 26765, 29320, 45855, 66-0077, 66-2012), 199' - 2" PCS (WO#: 66-4776), and 148' - 3" PCS (WO#: 57692) and replace with 1215' - 2" PE due to conflict with proposed sidewalk improvement. There is one active #3 Leak (Leak No. 10-0084) and 5 repaired leaks on this stretch of main. The school is wanting this project done before school starts. Project Location: 1st and McKinley; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; ISRS \$39.99/ft		
	005733 Total	(10,400.31)		393.1009 (5) (C)	
20513143661	005737	46,130.24	Approved by: Steve Holcomb on 07/17/2014, *MODOT Permit Required* Abandon 189' - 1.25" PBS (WO#: 5921), 50' - 1.25" PE (WO#: E321123), 550' - 2" PBS (WO#: 5934), and 431' - 2" PCS (WO#'s: 65-6752, 65-6753, 86-2955) and replace with 485' - 2" PE, 725' - 4" PE and 25' - 4" Thinfil due to storm water and sidewalk improvements. This work order will also install a remote inlet valve for DRS 13-11-C. Project Location: Pennel and Summit; Pressure System: S-1; MOP: 40 psig; MAOP: 60 psig; Design: 60 psig; Test: 100 psig; ISRS		
20513143661	005737	(820.13)	Approved by: Steve Holcomb on 07/17/2014, *MODOT Permit Required* Abandon 189' - 1.25" PBS (WO#: 5921), 50' - 1.25" PE (WO#: E321123), 550' - 2" PBS (WO#: 5934), and 431' - 2" PCS (WO#'s: 65-6752, 65-6753, 86-2955) and replace with 485' - 2" PE, 725' - 4" PE and 25' - 4" Thinfil due to storm water and sidewalk improvements. This work order will also install a remote inlet valve for DRS 13-11-C. Project Location: Pennel and Summit; Pressure System: S-1; MOP: 40 psig; MAOP: 60 psig; Design: 60 psig; Test: 100 psig; ISRS		
	005737 Total	45,310.11		393.1009 (5) (C)	
21271143554	005772	35,042.23	Approved by: Gary Williams on 07/23/2014, (ISRS) Replace 100'-4in PBS with 4in thin film and 2" PCS with 275'-2in PE. New 4in main needs to be 8' below existing grade due to new storm sewer. Dead end 2" PE main at 2307 NE 44th Terr. Tie over 3 services.		
21271143554	005772	3,488.60	Approved by: Gary Williams on 07/23/2014, (ISRS) Replace 100'-4in PBS with 4in thin film and 2" PCS with 275'-2in PE. New 4in main needs to be 8' below existing grade due to new storm sewer. Dead end 2" PE main at 2307 NE 44th Terr. Tie over 3 services.		
	005772 Total	38,530.83		393.1009 (5) (C)	
20401143601	005773	1,598.77	Approved by: Kevin Driskell on 07/23/2014, AOR. Replace 40' of 4in CI with 4in PE due to exposure of CI coupling. AOR location: 46' SSCB of 8th Street. Must be finished by 9-21-2014. Tie over 3 services. Replace one service. COST PER FOOT \$554.14		
20401143601	005773	4,514.09	Approved by: Kevin Driskell on 07/23/2014, AOR. Replace 40' of 4in CI with 4in PE due to exposure of CI coupling. AOR location: 46' SSCB of 8th Street. Must be finished by 9-21-2014. Tie over 3 services. Replace one service. COST PER FOOT \$554.14		
20401143601	005773	(208.96)	Approved by: Kevin Driskell on 07/23/2014, AOR. Replace 40' of 4in CI with 4in PE due to exposure of CI coupling. AOR location: 46' SSCB of 8th Street. Must be finished by 9-21-2014. Tie over 3 services. Replace one service. COST PER FOOT \$554.14		
20401143601	005773	(298.91)	Approved by: Kevin Driskell on 07/23/2014, AOR. Replace 40' of 4in CI with 4in PE due to exposure of CI coupling. AOR location: 46' SSCB of 8th Street. Must be finished by 9-21-2014. Tie over 3 services. Replace one service. COST PER FOOT \$554.14		
	005773 Total	5,604.99		393.1009 (5) (a) (b)	A,B,C,D,I
21271143699	005791	502.39	Approved by: Kevin Driskell on 07/25/2014, Replace 3' of 2in BS and 4' of 2in PE due to third party damage.		
21271143699	005791	0.51	Approved by: Kevin Driskell on 07/25/2014, Replace 3' of 2in BS and 4' of 2in PE due to third party damage.		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
21271143699	005791	640.08	Approved by: Kevin Driskell on 07/25/2014, Replace 3' of 2in BS and 4' of 2in PE due to third party damage.		
	005791 Total	1,142.98		393.1009 (5) (a) (b)	A,B,G
21271143686	005850	53.69	Approved by: Kevin Driskell on 08/03/2014, Replaced 5' of 2" CS system C-046 due to 3rd party damage.		
	005850 Total	53.69		393.1009 (5) (a) (b)	A,B
20401143687	005852	76.45	Approved by: Kevin Driskell on 08/03/2014, Replaced 6" CI with 6" PE due to Cast Iron Break. System C-1.		
20401143687	005852	1,481.62	Approved by: Kevin Driskell on 08/03/2014, Replaced 6" CI with 6" PE due to Cast Iron Break. System C-1.		
	005852 Total	1,558.07		393.1009 (5) (a) (b)	A,B,C,D,I
20401143682	005854	92.14	Approved by: Kevin Driskell on 08/03/2014, Relocated 2" PBS because it was going through a curb inlet box. Pressure System C-26.		
20401143682	005854	0.63	Approved by: Kevin Driskell on 08/03/2014, Relocated 2" PBS because it was going through a curb inlet box. Pressure System C-26.		
20401143682	005854	445.28	Approved by: Kevin Driskell on 08/03/2014, Relocated 2" PBS because it was going through a curb inlet box. Pressure System C-26.		
	005854 Total	538.05		393.1009 (5) (a) (b)	A,B,C
20401143602	005917	123,284.96	Approved by: Steve Holcomb on 08/06/2014, AOR and Graphitization. Replace 4in CI, 6in CI, 2in PCS, and 4in PCS with 2,945-4in PE and 340'-2in PE. Angle of repose occurred at 6511 E 18th Ter. Cast iron was exposed 128' ECL Fuller to 145' ECL of Fuller Street, 4' NNC E 18th Ter. Four cast iron breaks are in area will be replaced at part of this work order. This work order must be completed by 10/19/2014 due to cast iron breaks. Tie over 22 services. Replace 35 services.		
20401143602	005917	(8,191.63)	Approved by: Steve Holcomb on 08/06/2014, AOR and Graphitization. Replace 4in CI, 6in CI, 2in PCS, and 4in PCS with 2,945-4in PE and 340'-2in PE. Angle of repose occurred at 6511 E 18th Ter. Cast iron was exposed 128' ECL Fuller to 145' ECL of Fuller Street, 4' NNC E 18th Ter. Four cast iron breaks are in area will be replaced at part of this work order. This work order must be completed by 10/19/2014 due to cast iron breaks. Tie over 22 services. Replace 35 services.		
20401143602	005917	3,203.04	Approved by: Steve Holcomb on 08/06/2014, AOR and Graphitization. Replace 4in CI, 6in CI, 2in PCS, and 4in PCS with 2,945-4in PE and 340'-2in PE. Angle of repose occurred at 6511 E 18th Ter. Cast iron was exposed 128' ECL Fuller to 145' ECL of Fuller Street, 4' NNC E 18th Ter. Four cast iron breaks are in area will be replaced at part of this work order. This work order must be completed by 10/19/2014 due to cast iron breaks. Tie over 22 services. Replace 35 services.		
	005917 Total	118,296.37		393.1009 (5) (a) (b)	A,B,C,D,I
21213143676	006075	19,878.39	Approved by: Gary Williams on 08/19/2014, Cut and Cap 4" PE running along bridge on Isley Blvd. Bore under creek along marietta to tie 4" PE together. System C-009 20 psig MOP. MoDOT is doing work on the bridge along Isley Blvd. Construction is set to begin early 2015.		
21213143676	006075	829.19	Approved by: Gary Williams on 08/19/2014, Cut and Cap 4" PE running along bridge on Isley Blvd. Bore under creek along marietta to tie 4" PE together. System C-009 20 psig MOP. MoDOT is doing work on the bridge along Isley Blvd. Construction is set to begin early 2015.		
	006075 Total	20,707.58		393.1009 (5) (C)	

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20925143749	006080	20,478.06	Approved by: Ralph Janes on 08/20/2014, Install 725' of 2" PE main from existing 4" PE main on outlet side of DRS 6 on Jefferson west of BB. Tie over services to 210, 350, and 400 Jefferson (already on 4" PE but with major offset) from the 12" transmission main. This will permanently alleviate any issue with keeping these services live while we take the 12" main down for maintenance. NOTE - this work is related to 14-3738 (006030) and 14-3475 (005029).		
20925143749	006080	(628.98)	Approved by: Ralph Janes on 08/20/2014, Install 725' of 2" PE main from existing 4" PE main on outlet side of DRS 6 on Jefferson west of BB. Tie over services to 210, 350, and 400 Jefferson (already on 4" PE but with major offset) from the 12" transmission main. This will permanently alleviate any issue with keeping these services live while we take the 12" main down for maintenance. NOTE - this work is related to 14-3738 (006030) and 14-3475 (005029).		
	006080 Total	19,849.08		393.1009 (5) (a) (b)	A,B
21207143744	006111	21,760.85	Approved by: Mark Lauber on 08/21/2014, This work order is necessary to install a new 40 Volt 20 Amp Universal rectifier and a ten 3' X 60" graphite rod ground bed. This rectifier will restore cathodic protection acceptable criteria levels on the 6" and 12" main along "A" Highway and the 6" main south of Nashua Road and the 12" main south to Ruth Ewing Road. The ground bed will be installed next to a drainage area as established in Northwyck Plat 1, Track 1. The electrical will be installed and coordinated with KCP&L by Shaw Electric. A contractor will install the groundbed under inspection of MGE.		
	006111 Total	21,760.85		393.1009 (5) (a), (b)	A, B, E
20828143755	006113	167.22	Approved by: Galen Shoemaker on 08/25/2014, To lay 3ft of 2in CS and 1ft of 1 1/4in CS Main to retire 2ft of 2in CS from WO 70-5272 and 1ft of 1 1/4in CS from WO 70-5273 after Main was damaged by third party excavating. Found no history of leakage on these pieces of Main. MOP=25# MAOP=25# TEST=100# SYSTEM=S-1		
20828143755	006113	2,626.89	Approved by: Galen Shoemaker on 08/25/2014, To lay 3ft of 2in CS and 1ft of 1 1/4in CS Main to retire 2ft of 2in CS from WO 70-5272 and 1ft of 1 1/4in CS from WO 70-5273 after Main was damaged by third party excavating. Found no history of leakage on these pieces of Main. MOP=25# MAOP=25# TEST=100# SYSTEM=S-1		
20828143755	006113	(626.00)	Approved by: Galen Shoemaker on 08/25/2014, To lay 3ft of 2in CS and 1ft of 1 1/4in CS Main to retire 2ft of 2in CS from WO 70-5272 and 1ft of 1 1/4in CS from WO 70-5273 after Main was damaged by third party excavating. Found no history of leakage on these pieces of Main. MOP=25# MAOP=25# TEST=100# SYSTEM=S-1		
20828143755	006113	203.95	Approved by: Galen Shoemaker on 08/25/2014, To lay 3ft of 2in CS and 1ft of 1 1/4in CS Main to retire 2ft of 2in CS from WO 70-5272 and 1ft of 1 1/4in CS from WO 70-5273 after Main was damaged by third party excavating. Found no history of leakage on these pieces of Main. MOP=25# MAOP=25# TEST=100# SYSTEM=S-1		
	006113 Total	2,372.06		393.1009 (5) (a) (b)	A,B
20506143761	006201	19,239.02	Approved by: Galen Shoemaker on 08/28/2014, Abandon 420' 2" PBS (WO 15481) and 25' 2" PCS (WO 640373) due to main being shallow and outside of a dedicated easement. The Sonic at this location is being relocated on the lot. Will install 400' 2" PE in easement N of location of new building. Project Location: Intersection of Hwy 171 and N Main St. System: S-1. MOP: 18 PSIG. MAOP: 18 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$42.61.		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
20506143761	006201	2,460.33	Approved by: Galen Shoemaker on 08/28/2014, Abandon 420' 2" PBS (WO 15481) and 25' 2" PCS (WO 640373) due to main being shallow and outside of a dedicated easement. The Sonic at this location is being relocated on the lot. Will install 400' 2" PE in easement N of location of new building. Project Location: Intersection of Hwy 171 and N Main St. System: S-1. MOP: 18 PSIG. MAOP: 18 PSIG. Design: 58 PSIG. Test: 100 PSIG. Price Per Foot: \$42.61.		
	006201 Total	21,699.35		393.1009 (5) (a) (b)	A,B,C
20401143705	006351	28,474.67	Approved by: Gary Williams on 09/08/2014, AOR. This job must be completed by Dec. 12, 2014. Replace 65ft of 6in CI with 6in PE due to 29' of exposed pipe. CI pipe was exposed from 6' NSCB TO 23' SSCB of 29th Street. No services to tie over.		
20401143705	006351	8,538.86	Approved by: Gary Williams on 09/08/2014, AOR. This job must be completed by Dec. 12, 2014. Replace 65ft of 6in CI with 6in PE due to 29' of exposed pipe. CI pipe was exposed from 6' NSCB TO 23' SSCB of 29th Street. No services to tie over.		
20401143705	006351	(2,188.61)	Approved by: Gary Williams on 09/08/2014, AOR. This job must be completed by Dec. 12, 2014. Replace 65ft of 6in CI with 6in PE due to 29' of exposed pipe. CI pipe was exposed from 6' NSCB TO 23' SSCB of 29th Street. No services to tie over.		
	006351 Total	34,824.92		393.1009 (5) (a) (b)	A,B,C,D,I
20806143791	006356	428.36	Approved by: Galen Shoemaker on 09/08/2014, Lay 295ft 2in Plastic Main to replace 269ft 2in Bare Steel from 48852 and 19ft of 2in Bare Steel from 45505 due to isolated bare steel had started having multiple leaks. MOP=42# MAOP=42# TEST=100# SYSTEM=C-1 ISRS		
20806143791	006356	19,575.85	Approved by: Galen Shoemaker on 09/08/2014, Lay 295ft 2in Plastic Main to replace 269ft 2in Bare Steel from 48852 and 19ft of 2in Bare Steel from 45505 due to isolated bare steel had started having multiple leaks. MOP=42# MAOP=42# TEST=100# SYSTEM=C-1 ISRS		
20806143791	006356	(4,489.25)	Approved by: Galen Shoemaker on 09/08/2014, Lay 295ft 2in Plastic Main to replace 269ft 2in Bare Steel from 48852 and 19ft of 2in Bare Steel from 45505 due to isolated bare steel had started having multiple leaks. MOP=42# MAOP=42# TEST=100# SYSTEM=C-1 ISRS		
20806143791	006356	2,556.02	Approved by: Galen Shoemaker on 09/08/2014, Lay 295ft 2in Plastic Main to replace 269ft 2in Bare Steel from 48852 and 19ft of 2in Bare Steel from 45505 due to isolated bare steel had started having multiple leaks. MOP=42# MAOP=42# TEST=100# SYSTEM=C-1 ISRS		
	006356 Total	18,070.98		393.1009 (5) (a) (b)	A,B,C
21271143754	006419	4,250.08	Approved by: Gary Williams on 09/12/2014, Replaced 2" PBS with 2" PE due to 3rd party damage. Pressure system C-045.		
	006419 Total	4,250.08		393.1009 (5) (a) (b)	A,B,C
20401143774	006433	105,895.42	Approved by: Gary Williams on 09/15/2014, ISRS Replace 220'-8in PBS with 8in thin film due to exposed pipe, existing retaining wall to be torn down and rebuilt. Pipe will need to be bored due to existing retaining wall. This is a high pressure main at MOP=90#.		
	006433 Total	105,895.42		393.1009 (5) (C)	
20501143720	006435	8,804.85	Approved by: Galen Shoemaker on 09/15/2014, Lower 167' - 2" PE main (WO#: 92-6050) due to construction over shallow main. Project Location: Doughboy Dr North of 32nd St; Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; \$34.34/ft		
20501143720	006435	(4,496.35)	Approved by: Galen Shoemaker on 09/15/2014, Lower 167' - 2" PE main (WO#: 92-6050) due to construction over shallow main. Project Location: Doughboy Dr North of 32nd St; Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; \$34.34/ft		
20501143720	006435	133.10	Approved by: Galen Shoemaker on 09/15/2014, Lower 167' - 2" PE main (WO#: 92-6050) due to construction over shallow main. Project Location: Doughboy Dr North of 32nd St; Pressure System: C-1; MOP: 58 psig; MAOP: 58 psig; Design: 58 psig; Test: 100 psig; \$34.34/ft		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
	006435 Total	4,441.60		393.1009 (5) (a) (b)	A,B
20813143792	006473	6,323.20	Approved by: Galen Shoemaker on 09/18/2014, Lay 479ft of 2in Plastic Main to replace 391ft of 2in PBS from WO JO10B and 86ft of 2in CS from WO 66-7352 and 2'-2" PE from 82-0762. MOP=20# MAOP=20# TEST=100# SYSTEM=S-1		
20813143792	006473	5,145.40	Approved by: Galen Shoemaker on 09/18/2014, Lay 479ft of 2in Plastic Main to replace 391ft of 2in PBS from WO JO10B and 86ft of 2in CS from WO 66-7352 and 2'-2" PE from 82-0762. MOP=20# MAOP=20# TEST=100# SYSTEM=S-1		
20813143792	006473	2,679.48	Approved by: Galen Shoemaker on 09/18/2014, Lay 479ft of 2in Plastic Main to replace 391ft of 2in PBS from WO JO10B and 86ft of 2in CS from WO 66-7352 and 2'-2" PE from 82-0762. MOP=20# MAOP=20# TEST=100# SYSTEM=S-1		
	006473 Total	14,148.08		393.1009 (5) (a) (b)	A,B,C
20502143706	006511	(310.59)	Approved by: Galen Shoemaker on 09/23/2014, Reactivate 112' - 2" PE main (Installed on WO#: 96-2042, abandoned in place on WO#: 14-3374) to run new service to new FEMA shelter at Webster Elementary. Main will be blown out, pigged, and pressure tested prior to reintroducing gas. Project Location: Webb and Aylor; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig;		
	006511 Total	(310.59)		393.1009 (5) (a) (b)	A,B
20502143823	006512	24,647.69	Approved by: Galen Shoemaker on 09/22/2014, Abandon 8' - 6" PCS (WO#: 78-0042) and 205' - 4" PE (WO#: 05-8843) and replace with 210' - 4" PE due to 3rd party contractor bore rig getting in unlocateable PE main ditch and tearing out the side in several places. Infrsource went above and beyond their normal responsibilities to repair this emergency leak for us. Company crews worked through the night the evening the leak was called in. Existing main was 12'+ deep. Company crews fixed one leak to realize the main had been hit in multiple locations. The decision was made to replace the main as opposed to chasing several #1 leaks. Infrsource was brought in to bore in the new 4" main. They worked extremely late every night, had to rent equipment, use shoring, signage, and were working on a very steep slope the entire time. They also cleaned up the massive hole the company crews had dug to make their initial repair. We also had a service person sit with the leak overnight the 1st night as there was still a very strong odor in the air at a very busy intersection. There was no charge to the contractor or USIC as the main would not locate. An emergency MODOT permit was obtained from Mike Hodges. Project Location: HWY 171 and Jefferson; Pressure System: C-100; MOP: 30 psig; MAOP: 30 psig; Design: 58 psig; Test: 100 psig; \$155.35/ft		
	006512 Total	24,647.69		393.1009 (5) (a) (b)	A,B
20901143822	006551	25,101.28	Approved by: Ralph Janes on 09/23/2014, Replace and Abandon 164' - 4"PCS (692513), 62' - 4"PBS (28302), 527' - 4" PBS (Unknown) 31' - 4" PCS (691388) and 58' - 4"PCS (732376). Main currently runs in an easement between 5th and 6th St. and W of Miller St. (ISRS)		
	006551 Total	25,101.28		393.1009 (5) (a) (b)	A,B,C
21207143819	006552	906.93	Approved by: Kevin Driskell on 09/24/2014, Abandoned 3' of 2" PE. Installed 8' of 2" PE due to third party damage. When work was done pressure system was C-002 (1psig). As of 9/16/2014 pressure system C-002 (33psig).		
21207143819	006552	293.01	Approved by: Kevin Driskell on 09/24/2014, Abandoned 3' of 2" PE. Installed 8' of 2" PE due to third party damage. When work was done pressure system was C-002 (1psig). As of 9/16/2014 pressure system C-002 (33psig).		

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
21207143819	006552	(13.74)	Approved by: Kevin Driskell on 09/24/2014, Abandoned 3' of 2" PE. Installed 8' of 2" PE due to third party damage. When work was done pressure system was C-002 (1psig). As of 9/16/2014 pressure system C-002 (33psig).		
21207143819	006552	(22.55)	Approved by: Kevin Driskell on 09/24/2014, Abandoned 3' of 2" PE. Installed 8' of 2" PE due to third party damage. When work was done pressure system was C-002 (1psig). As of 9/16/2014 pressure system C-002 (33psig).		
	006552 Total	1,163.65		393.1009 (5) (a) (b)	A,B
20201143853	006594	5,227.70	Approved by: Ray Wilson on 10/01/2014, Replace 95' - 6" PBS (WO# JO4528) with 111' of 6" PE main due to leakage. 120' of 6" checked out with 9' junked. Job worked by Holman crew 9/22-24. (ISRS)		
	006594 Total	5,227.70		393.1009 (5) (a) (b)	A,B,C
20401143816	006597	75,631.14	Approved by: Steve Holcomb on 09/29/2014, ISRS Replace 6in CI with 2,430 ft of 4in PE due to cast iron breaks. This job must be completed by Jan. 13, 2015. Tie-over 18 services. Replace 5 services.		
	006597 Total	75,631.14		393.1009 (5) (a) (b)	A,B,C,D,I
20401143826	006603	36,271.12	Approved by: Kevin Driskell on 09/29/2014, ISRS Abandoned 3" PBS from Rochester and Montgall heading south. Install 200' of 2" PE from Montgall and Guinotte heading north to pick up 2 services. Abandonment has already been completed in the field due to water main work in the area. Insert 2" PE in 3" PBS. Pressure system S-040.		
	006603 Total	36,271.12		393.1009 (5) (a) (b)	A,B,C
20801143783	006666	6,257.37	Approved by: Galen Shoemaker on 10/09/2014, Lay 180ft 2in Plastic Main to replace 177ft of 2in Protected Bare Steel from WO 21411. MOP=40# MAOP=44# TEST=100# SYSTEM=C-1		
	006666 Total	6,257.37		393.1009 (5) (a) (b)	A,B,C
20501143697	006667	11,632.66	Approved by: Galen Shoemaker on 10/11/2014, Abandon 217' - 2" PBS (WO# 36687) and 156' - 2" PCS (WO#'s: 61456, 62-5224) and replace with 325' - 2" PE to clear CP 14-053. Project Location "C" St and Alley West of Main; Pressure System: C-2; MOP: 1.5 psig; MAOP: 1.5 psig; Design: 58 psig; Test: 100 psig; \$35.86/ft ISRS		
	006667 Total	11,632.66		393.1009 (5) (a) (b)	A,B,C
21001143881	006714	1,314.76	Approved by: Gary Williams on 10/20/2014, REPLACE 1 1/4 PE SERVICE WITH 2 IN PE DUE TO CUSOTMER ADDING A BOILER LOAD 6,050 CFH). ECONOMIC EVALUATION WILL COVER COST OF PROJECT.		
21001143881	006714	(35.93)	Approved by: Gary Williams on 10/20/2014, REPLACE 1 1/4 PE SERVICE WITH 2 IN PE DUE TO CUSOTMER ADDING A BOILER LOAD 6,050 CFH). ECONOMIC EVALUATION WILL COVER COST OF PROJECT.		
21001143881	006714	1,948.51	Approved by: Gary Williams on 10/20/2014, REPLACE 1 1/4 PE SERVICE WITH 2 IN PE DUE TO CUSOTMER ADDING A BOILER LOAD 6,050 CFH). ECONOMIC EVALUATION WILL COVER COST OF PROJECT.		
	006714 Total	3,227.34		393.1009 (5) (a) (b)	A,B,D
21001143907	006800	134.33	Approved by: Gary Williams on 11/03/2014, Replace 60' of 2" plastic main due to third party damage. Installed 60' of 2" PE.		
	006800 Total	134.33		393.1009 (5) (a) (b)	A,B
20401143936	006910	16,814.27	Service/Yard Line Replacement (SLRP): Contract Crew. Rebuild meter/regulator setting (exclude regulator) (Joplin - South Region).		
	006910 Total	16,814.27		393.1009 (5) (a) (b)	A,B,C,D,I
January Estimated Additions		50,557.71			

Missouri Gas Energy - MGE
ISRS Work Order Descriptions September 2014 - December 2014

<u>MGE Work Order No.</u>	<u>New Work Order No.</u>	<u>Addition Amount</u>	<u>WO Description</u>	<u>Statute Section</u>	<u>State or Federal Requirement</u>
January Estimated Additions		570,437.79			
January Estimated Additions		144,000.00			
January Estimated Additions		1,376,125.44			
January estimated additions		133,547.87			
February Estimated Additions		37,749.76			
February Estimated Additions		425,926.89			
February Estimated Additions		120,960.00			
February Estimated Additions		1,107,862.73			
	Grand Total	21,434,415.22			

Legend for State or Federal Safety Requirements

A	393.130 RSMo
B	4 CSR 240-40.030(13)(B)
C	4 CSR 240-40.030(15)
D	4 CSR 240-40.030(14)
E	4 CSR 240-40.030(9)
F	4 CSR 240-40.030(13)
G	4 CSR 240-40.030(7)
H	4 CSR 240-40.030(10)
I	GO-2002-50

Safe and Adequate Service

Replace, repair or remove unsafe pipeline segments
Replacement Programs
Gas Leaks
Corrosion Control
Maintenance
Construction requirements
Testing Requirements
Order Approving Modifications to the Ongoing Cast Iron Main, Service Line and Yard Line Replacement as Part of the Safety Line Replacement Program

References to state safety rules should be interpreted to include the corresponding federal safety rule.

Missouri Gas Energy - MGE
ISRS Work Order Retirements September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	Funding Project Description	FERC Activity	Month	Retirement Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376100-Mains - Steel	20902143310	003866	83rd St Reloc PBS/PCS w 2825'-4in P	F0549	Street & highway relocates - safety	Retirement	201409	(5,858.18)	0	0.00148333	-	(104.28)
376300-Mains - Plastic	20902133172	003874	Gregory Heights Repl PBS main	F0604	Replace bare steel main - safety re	Retirement	201411	(71,428.55)	0	0.00148333	-	(1,271.43)
376100-Mains - Steel	20902133172	003874	Gregory Heights Repl PBS main	F0604	Replace bare steel main - safety re	Retirement	201411	(45,936.48)	0	0.00148333	-	(817.67)
376300-Mains - Plastic	20501143427	003906	School Ave Reloc PBS w 235'-4in PE	F0664	Street & highway relocates	Retirement	201410	(2,449.20)	0	0.00148333	-	(43.60)
376100-Mains - Steel	20501143427	003906	School Ave Reloc PBS w 235'-4in PE	F0664	Street & highway relocates	Retirement	201410	(323.57)	0	0.00148333	-	(5.76)
376300-Mains - Plastic	20940143315	004037	Allendale Lake rd Reloc 15'-4in pe	F0578	Street & highway relocates	Retirement	201409	(183.27)	0	0.00148333	-	(3.26)
376100-Mains - Steel	20601133126	004040	Hazel & Airport Repl PBS w 2620'-8;	F0544	Replace bare steel main - safety re	Retirement	201412	(3,504.05)	0	0.00148333	-	(62.37)
376100-Mains - Steel	20317143417	004364	Davis St Repl PBS w 730'-2in PE mai	F0604	Replace bare steel main - safety re	Retirement	201411	(274.32)	0	0.00148333	-	(4.88)
376100-Mains - Steel	20908143266	004394	291 & Commercial Reloc CS w 1659'-6	F0578	Street & highway relocates	Retirement	201409	(7,020.75)	0	0.00148333	-	(124.97)
376100-Mains - Steel	20301118253	004430	W0137 Rectifier Groundbed Replaceme	F0503	Rectifier Replacements	Retirement	201410	(1,171.03)	0	0.00148333	-	(20.84)
376100-Mains - Steel	21271133028	004576	N Jackson Reloc PBS/PCS w 995'-4;1,	F0547	Street & highway relocates	Retirement	201410	(61.73)	0	0.00148333	-	(1.10)
376100-Mains - Steel	20308143387	004947	23rd & Walnut Repl PBS w 360'-2in P	F0549	Street & highway relocates - safety	Retirement	201410	(448.80)	0	0.00148333	-	(7.99)
376100-Mains - Steel	20312143471	004949	Folger Repl PBS w 1350'-2in PE main	F0604	Replace bare steel main - safety re	Retirement	201411	(604.72)	0	0.00148333	-	(10.76)
376300-Mains - Plastic	20312143471	004949	Folger Repl PBS w 1350'-2in PE main	F0604	Replace bare steel main - safety re	Retirement	201411	(305.01)	0	0.00148333	-	(5.43)
376200-Mains - Cast Iron	20401143313	004986	Cast Iron Repl Proj Ph I Sec0306 KC	F0599	Replace cast iron main - CPI / prio	Retirement	201409	(17,702.65)	0	0.00148333	-	(315.11)
376100-Mains - Steel	20401143313	004986	Cast Iron Repl Proj Ph I Sec0306 KC	F0599	Replace cast iron main - CPI / prio	Retirement	201409	(476.55)	0	0.00148333	-	(8.48)
376300-Mains - Plastic	20401143313	004986	Cast Iron Repl Proj Ph I Sec0306 KC	F0599	Replace cast iron main - CPI / prio	Retirement	201409	(253.07)	0	0.00148333	-	(4.50)
376100-Mains - Steel	20301143476	005028	Market St Repl PBS w 1320'-2in PE m	F0604	Replace bare steel main - safety re	Retirement	201410	(1,118.08)	0	0.00148333	-	(19.90)
376100-Mains - Steel	20201143501	005039	31st Overton Repl PBS/PCS w 3425'-2	F0604	Replace bare steel main - safety re	Retirement	201409	(6,176.94)	0	0.00148333	-	(109.95)
376300-Mains - Plastic	20201143501	005039	31st Overton Repl PBS/PCS w 3425'-2	F0604	Replace bare steel main - safety re	Retirement	201409	(3,555.63)	0	0.00148333	-	(63.29)
376100-Mains - Steel	21001143464	005111	16th & Moss Repl PBS w 450'-4in PE	F0504	Replace bare steel main - safety re	Retirement	201410	(83.05)	0	0.00148333	-	(1.48)
376100-Mains - Steel	20902143513	005153	59th & Kentucky Repl PCS/PBS w 885'	F0604	Replace bare steel main - safety re	Retirement	201410	(6,253.46)	0	0.00148333	-	(111.31)
376100-Mains - Steel	21001143577	005396	Riverview Repl PBS w 6011'-4;707'-2	F0663	Replace bare steel main - safety re	Retirement	201410	(14,807.70)	0	0.00148333	-	(263.58)
376100-Mains - Steel	20801143585	005451	11th & Broadway Repl PBS w 50'-2in	F0634	Replace bare steel main - safety re	Retirement	201410	(5.67)	0	0.00148333	-	(0.10)
376100-Mains - Steel	21001143532	005466	Spratt Ave Repl PBS w 454'-2in PE	F0504	Replace bare steel main - safety re	Retirement	201410	(189.84)	0	0.00148333	-	(3.38)
376100-Mains - Steel	21001143536	005467	Monterey & 16th Repl PBS w 406'-2in	F0678	Replace bare steel main - safety re	Retirement	201410	(470.68)	0	0.00148333	-	(8.38)
376200-Mains - Cast Iron	20401143560	005517	20th & Monroe Repl CI w 1122'-2in P	F0599	Replace cast iron main - CPI / prio	Retirement	201409	(2,161.99)	0	0.00148333	-	(38.48)
376100-Mains - Steel	21272143478	005556	24th & Vernon Repl PBS w/ 410'-8in	F0595	Street & highway relocates	Retirement	201409	(12,060.60)	0	0.00148333	-	(214.68)
376200-Mains - Cast Iron	21001143533	005592	4th & Sylvania St Repl 8in CI w 600	F0599	Replace cast iron main - CPI / prio	Retirement	201410	(654.63)	0	0.00148333	-	(11.65)
376100-Mains - Steel	21001143533	005592	4th & Sylvania St Repl 8in CI w 600	F0599	Replace cast iron main - CPI / prio	Retirement	201410	(75.08)	0	0.00148333	-	(1.34)
376100-Mains - Steel	20307143658	005633	7th & Orange Reloc pcs w 18'-6in CS	F0578	Street & highway relocates	Retirement	201410	(31.82)	0	0.00148333	-	(0.57)
376100-Mains - Steel	20401143586	005677	CI Repl due to graphitization	F0599	Replace cast iron main - CPI / prio	Retirement	201410	(3,785.03)	0	0.00148333	-	(67.37)
376200-Mains - Cast Iron	20401143586	005677	CI Repl due to graphitization	F0599	Replace cast iron main - CPI / prio	Retirement	201410	(1,983.91)	0	0.00148333	-	(35.31)
376200-Mains - Cast Iron	20401143569	005679	CI Repl Due to Graphitization	F0599	Replace cast iron main - CPI / prio	Retirement	201409	(1,249.22)	0	0.00148333	-	(22.24)
376100-Mains - Steel	21207143620	005732	Franklin St Reloc PBS w 1402'-4;70'	F0547	Street & highway relocates	Retirement	201409	(812.42)	0	0.00148333	-	(14.46)
376300-Mains - Plastic	21207143620	005732	Franklin St Reloc PBS w 1402'-4;70'	F0547	Street & highway relocates	Retirement	201409	(401.17)	0	0.00148333	-	(7.14)
376100-Mains - Steel	20501143667	005733	1st & McKinley Reloc PBS w 1215'-2i	F0664	Street & highway relocates	Retirement	201410	(1,494.56)	0	0.00148333	-	(26.60)
376300-Mains - Plastic	20501143667	005733	1st & McKinley Reloc PBS w 1215'-2i	F0664	Street & highway relocates	Retirement	201410	(6.73)	0	0.00148333	-	(0.12)
376100-Mains - Steel	21271143554	005772	NE Kelsey Reloc PCS/PBS w 100'-4in	F0497	Street & highway relocates - safety	Retirement	201411	(703.44)	0	0.00148333	-	(12.52)
376200-Mains - Cast Iron	20401143601	005773	803 Bales Ct Repl CI w 40'-4in PE m	F0599	Replace cast iron main - CPI / prio	Retirement	201410	(64.81)	0	0.00148333	-	(1.15)
376300-Mains - Plastic	21271143699	005791	NE 45th Ter Repl BS/PE w 6'-2in PE	F0633	Other main replacements - system re	Retirement	201410	(19.45)	0	0.00148333	-	(0.35)
376100-Mains - Steel	21271143699	005791	NE 45th Ter Repl BS/PE w 6'-2in PE	F0633	Other main replacements - system re	Retirement	201410	(2.60)	0	0.00148333	-	(0.05)
376200-Mains - Cast Iron	20401143602	005917	18th Ter Repl CI/CS w 2945'-4;340'-	F0599	Replace cast iron main - CPI / prio	Retirement	201410	(7,244.42)	0	0.00148333	-	(128.95)
376100-Mains - Steel	20401143602	005917	18th Ter Repl CI/CS w 2945'-4;340'-	F0599	Replace cast iron main - CPI / prio	Retirement	201410	(1,057.70)	0	0.00148333	-	(18.83)
376200-Mains - Cast Iron	20401143705	006351	AOR 6in CI Replacement with 65ft-6i	F0599	Replace cast iron main - CPI / prio	Retirement	201410	(39.37)	0	0.00148333	-	(0.70)
376100-Mains - Steel	20806143791	006356	Repl 288ft PBS with 295ft 2in Plast	F0634	Replace bare steel main - safety re	Retirement	201410	(283.68)	0	0.00148333	-	(5.05)
376100-Mains - Steel	21271143754	006419	2in PBS REPLACEMENT	F0613	Replace bare steel main - safety re	Retirement	201409	(6.13)	0	0.00148333	-	(0.11)
376300-Mains - Plastic	21207143819	006552	2in PE Main Relocation	F0636	Replace steel & plastic main	Retirement	201409	(6.98)	0	0.00148333	-	(0.12)
380200-Services	N/A	004090	CPR Asset Corrections	N/A	MGE CSS Blanket Svcs < 2" Retirement	Retirement	201409	(2,401.53)	0	0.00223333	-	(64.36)
380200-Services	N/A	004090	CPR Asset Corrections	N/A	MGE CSS Blanket Svcs < 2" Retirement	Retirement	201410	(158.20)	0	0.00223333	-	(4.24)
380200-Services	N/A	MGE-CSS	MGE CSS Blanket Svcs < 2" Retirement	N/A	MGE CSS Blanket Svcs < 2" Retirement	Retirement	201410	(147,508.30)	0	0.00223333	-	(3,953.22)
380200-Services	N/A	MGE-CSS	MGE CSS Blanket Svcs < 2" Retirement	N/A	MGE CSS Blanket Svcs < 2" Retirement	Retirement	201409	(114,785.59)	0	0.00223333	-	(3,076.25)
380200-Services	N/A	MGE-CSS	MGE CSS Blanket Svcs < 2" Retirement	N/A	MGE CSS Blanket Svcs < 2" Retirement	Retirement	201412	(83,377.52)	0	0.00223333	-	(2,234.51)
380200-Services	N/A	MGE-CSS	MGE CSS Blanket Svcs < 2" Retirement	N/A	MGE CSS Blanket Svcs < 2" Retirement	Retirement	201411	(49,570.93)	0	0.00223333	-	(1,328.50)

Missouri Gas Energy - MGE
ISRS Work Order Retirements September 2014 - December 2014

Utility Account	MGE Work Order No.	New Work Order No.	Work Order Description	Funding Proj. No.	Funding Project Description	FERC Activity	Month	Retirement Amount	Months	Depr Mo. Rate	Accum. Depr	Depr Expense
376100-Mains - Steel	004141	20401132947	Lees Summit Rd 20in Reloc Proj	F0623	Street & highway relocates	Retirement	201412	(236,297.88)	0	0.00148333	-	(4,206.09)
380200-Services	MGE-CSS	MGE-CSS	MGE CSS Blanket Svcs < 2" Retirement	N/A	MGE CSS Blanket Svcs < 2" Retirement	Retirement	201412	(83,377.52)	0	0.00223333	-	(2,234.51)
376100-Mains - Steel	006075	21213143676	Excelsior Springs Public Improvemen	F0547	Street & highway relocates	Retirement	201412	(15,961.90)	0	0.00148333	-	(284.12)
376300-Mains - Plastic	006075	21213143676	Excelsior Springs Public Improvemen	F0547	Street & highway relocates	Retirement	201412	(4,552.91)	0	0.00148333	-	(81.04)
376100-Mains - Steel	005027	20903143508	RD Mize & 7 hwy Repl PCS inlet DRS	F0580	Replace steel & plastic main	Retirement	201412	(3,798.81)	0	0.00148333	-	(67.62)
376100-Mains - Steel	004040	20601133126	Hazel & Airport Repl PBS w 2620'-8;	F0544	Replace bare steel main - safety re	Retirement	201412	(3,504.05)	0	0.00148333	-	(62.37)
376300-Mains - Plastic	005342	20806143587	South St & Oak Ridge Repl PBS w CS/	F0592	Replace bare steel main - safety re	Retirement	201412	(4.70)	0	0.00148333	-	(0.08)
382000 Meter Installations-f	N/A	MGE-CSS	MGE CSS Blanket Mtr Inst < 2" Retirement	N/A	MGE CSS Blanket Mtr Inst < 2" Retirement	Retirement	201409	(19,366.70)	0	0.00203333	-	(472.55)
382000 Meter Installations-f	N/A	MGE-CSS	MGE CSS Blanket Mtr Inst < 2" Retirement	N/A	MGE CSS Blanket Mtr Inst < 2" Retirement	Retirement	201410	(5,852.73)	0	0.00203333	-	(142.81)
382000 Meter Installations-f	N/A	MGE-CSS	MGE CSS Blanket Mtr Inst < 2" Retirement	N/A	MGE CSS Blanket Mtr Inst < 2" Retirement	Retirement	201411	(8,772.92)	0	0.00203333	-	(214.06)
382000 Meter Installations-f	N/A	MGE-CSS	MGE CSS Blanket Mtr Inst < 2" Retirement	N/A	MGE CSS Blanket Mtr Inst < 2" Retirement	Retirement	201412	(10,940.72)	0	0.00203333	-	(266.95)
382000 Meter Installations-f	N/A	MGE-CSS	MGE CSS Blanket Mtr Inst < 2" Retirement	N/A	MGE CSS Blanket Mtr Inst < 2" Retirement	Retirement	201412	(420.34)	0	0.00203333	-	(10.26)
382000 Meter Installations-f	N/A	004090	CPR Asset Corrections	N/A	MGE CSS Blanket Mtr Inst < 2" Retirement	Retirement	201409	(344.79)	0	0.00203333	-	(8.41)

Total Retirements (1,015,806.76)

(22,713.54)



How to Read My Bill?

The following is an explanation of the terms found on your Missouri Gas Energy bill, effective with customer bills created after May 16, 2008. If you have additional questions about your bill, please contact our [Customer Service Center](#).

Understanding Your Bill:

Current MGE Service Charge is the total of:

Fixed Monthly Charge:

Fixed amount per month to recover costs associated with delivering natural gas; includes items such as bill processing, service line maintenance, meter reading, facilities, equipment, personnel, etc.

Volumetric Delivery Charge:

A per-unit of gas (CCF) charge; amount on bill will fluctuate based on usage.

ISRS (Infrastructure Replacement Surcharge):

Charge to recover cost of government-mandated infrastructure system replacements not currently included in MGE's rates. The ISRS, as authorized by Missouri law, is subject to review by the Missouri Public Service Commission and may change periodically. Applicable taxes are shown separately on the bill as "ISRS Taxes".

Miscellaneous Charges:

Include but are not limited to collection charges, reconnect charges, return check charges, etc.

Cost of Gas Charge:

Cost paid by MGE for natural gas used by customers, plus related storage and transportation costs; amount on bill will fluctuate based on usage; per CCF charge may change up to 4 times per year.

Fee and Tax Total:

City Franchise Fee:

Reflects tax levied by local municipalities which MGE collects and then passes on to those respective cities. Fee varies from city to city and is usually a percentage based on a customer's gas bill.

City, County, State & ISRS taxes are also displayed here.

Other Charges and Credits:

May include charitable contributions and certain other special billing adjustments.

ABC Amount (For participating customers only):

The Average Bill Calculation (ABC) plan charge; bill also will show ABC Account Balance after payment, which reflects the difference between actual charges for gas used and ABC Plan charges to date.

Non-ABC Amount:

If applicable, separate Miscellaneous Charges, ISRS charges and Other Charges and Credits, defined above, which may fluctuate over time.

Definitions:

CCF = 100 Cubic Feet; natural gas is sold according to the volume of gas used; MGE measures gas in cubic feet.

Pressure Factor: If applicable, this factor is used to convert metered gas volume to actual gas volume delivered (gas volumes can vary depending on local atmospheric pressure or increased delivery pressure).

Return Checks: Checks returned for insufficient or uncollected funds are subject to electronic presentation without further notice.

Payment Alternatives

Website----- Go to www.missourigasenergy.com to make payments by check or credit card

Telephone----- Call 1-800-582-1234 (756-5252 in the KC Metro area) to make payments by check or credit card

Pay Station----- Call 1-800-582-1234 (756-5252 in the KC Metro area) or visit our website to find walk-in locations in your area

<p>Note: All charges and adjustments have been approved by the Regulatory Authorities in your service area.</p> <p>Note: Checks returned for insufficient or uncollected funds are subject to electronic presentation without further notice. OR If your check is returned we reserve the right to collect the check electronically via a debit to your checking account.</p>

**Infrastructure System Replacement Surcharge
(ISRS)**

[What is ISRS?](#)

[Calculating the ISRS](#)

[Calculating the taxes on the ISRS](#)

[Proration formula of the ISRS](#)

[ISRS Rate by Customer Class](#)

[Q& A Talking Points](#)

The Infrastructure System Replacement Surcharge (ISRS), as approved by the Missouri Public Service Commission (MPSC), recovers the cost of local, state and federal government-mandated public improvement projects not included in MGE's rates. These projects include safety line replacements made to comply with requirements of the MPSC and facility relocations required by municipalities, such as road widening. By utilizing the ISRS, MGE recovers over time the costs associated with these government-mandated projects, which should reduce the frequency of expensive general rate cases in the future.

ISRS, as authorized by Missouri law (sections 393.1009, 393.1012 and 393.1015 RSMo.), is subject to review and approval by the Missouri Public Service Commission and may be adjusted periodically.

NOTE

Taxes applicable to the ISRS are shown on the bill as "ISRS taxes".

What is the ISRS surcharge? [\(Back to the top\)](#)

A surcharge billed to the customer for the public improvements of service lines mandated by local, state and federal government

Calculating the ISRS (Infrastructure System Replacement Surcharge [\(Back to the top\)](#)

The charge is incorporated into the customer charge so like the customer charge this is a flat fee billed to the customer every month and is prorated on bills 25 days or less.

ISRS Proration Formula [\(Back to the top\)](#)

For billing periods less than 26 days, the ISRS shall be calculated by dividing the number of days in the customer billing period by 30 days, multiplied by the applicable ISRS rate.

Example:

Residential customer has a 24-day bill.

$$24/30=0.8 \times \$0.69 = \$0.55$$

Formula:

Number days in the billing period (24) divided by 30, multiplied by the applicable ISRS charge (\$0.69) = ISRS Charge (\$0.55)

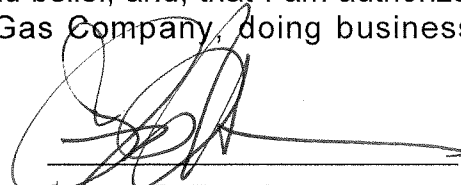
[Click here for calculation of the ISRS taxes.](#)

This surcharge allows MGE over time to recover cost of government projects.

VERIFICATION


STATE OF MISSOURI)
) ss
CITY OF ST. LOUIS)

I, Steven P. Rasche, being of lawful age, state that I am Chief Financial Officer of Laclede Gas Company; that I have read the above and foregoing document; that the statements contained therein are true and correct to the best of my information, knowledge and belief; and, that I am authorized to make this statement on behalf of Laclede Gas Company, doing business as Missouri Gas Energy.



Steven P. Rasche

Subscribed and sworn before me this 29 day of January, 2015.



Notary Public

My Commission expires: 9-24-18

