

**Ameren Illinois Company's
Response to Illinois Office of Attorney General Data Requests
Docket No. 13-0192
Proposed General Increase in Natural Gas Delivery Service Rates
Data Request Response Date: 5/29/2013**

AG 12.12

Ref: Ameren Ex. 7.0, lines 1191 to 1213 (Distribution Activities and Costs). The referenced testimony contains a bullet-point listing of “Distribution O&M activities planned for 2014 and the approximate associated expenses budgeted for each activity.” Please provide the following additional information:

- a) For each bullet item listed, provide a breakdown of the estimated expense by Resource Type (“RT”) and RMC.
- b) For each bullet item, explain how each element of the test year expense estimate was developed. This explanation should explain how staffing and labor hour estimates were developed and how each type of contractor or material cost was estimated.
- c) Provide a side-by-side comparison of the test year estimated O&M expense for each bullet item by RT and RMC to comparable actual expenses incurred in 2011 and in 2012 for each bullet item (by RT and RMC).
- d) Explain the reasons for known variations in the costs of Distribution O&M activities between years in your response to part (c).
- e) Provide copies of supporting statistics, reports, analyses, workpapers and other documents associated with your response to part (d).

RESPONSE

Prepared By: Stephen R. Colyer
Title: Sr. Director, Gas Operations & Services
Phone Number: 217-424-6933

Please see AG 12.12 Attach. Please note Ameren Illinois also provided additional support for the forecasted increase in Distribution Expense by FERC Account in response to data requests AG 9.4 and ENG 3.01.

AG 12.12 Summary
 Ex. 7.0 lines 1191 - 1213
 Distribution O&M

		a.				b.	c.					d.					
Bullet	Topic	2014 Amount	RMC	RT	Breakdown	How Estimated	2011 Amount	RMC	RT	Breakdown	2012 Amount	RMC	RT	Breakdown	Variance Explanation		
1	Various Gas personnel	\$ 2,900,000	OG5	EC		Current level plus additional work outlined in testimony Ex. 7.0 lines 1176 through 1188	\$ 1,600,000		OG5	EC	\$ 180,000	\$ 2,100,000	OG5	EC	\$ 250,000	Increase in resources necessary to perform identification, analysis, engineering, and project management related to executing the DIMP and TIMP program requirements. Recent integrity management regulations as well as new federal regulations are forthcoming that are based upon the legislation requirements passed by Congress in December 2011. Please AG 13.3 Attach 1, which summarizes the new requirements passed by Congress in December 2011. It is anticipated that the new regulations will result in significant additional work requirements, and consequently the need for additional engineering resources, to complete activities including transmission pipeline replacements, hydrostatic testing of pipelines, and expansion of TIMP requirements. Increase in resources for additional activities related to pipeline safety quality assurance and training programs. Increase in resources for records and data management related to transmission and distribution maximum allowable operating pressure (MAOP) records, data and records validation, data quality controls, and records development. These include resources to complete additional work to improve data accuracy and integrity management records and conform to new standard of having traceable, verifiable, and complete data and records on transmission pipelines	
				BX	\$ 70,000					BX	\$ 245,000			BX	\$ 240,000		
				LM	\$ 730,000					LM	\$ 480,000			LM	\$ 630,000		
				OG7	EC					\$ 130,000	OG7			EC	\$ 130,000		
				BX	\$ 190,000					BX	\$ 163,000			BX	\$ 165,000		
				LM	\$ 1,100,000					LM	\$ 385,000			LM	\$ 650,000		
				OG8	LM						LM				LM		
														\$ 626,000			
2	Integrity Management - Gas Leak Repair	\$ 1,300,000	OG5	EC	\$ 1,300,000	Projected costs for known and planned leaks repairs		OG5	EC			OG5	EC		Costs based on DIMP program requirements developed in 2012 for additional and accelerated leaks repairs explained in Exhibit 7.0 lines 267-270.		
3	Integrity mgt. - data conversion & field Surveys	\$ 1,100,000	OG5	EC	\$ 1,100,000	Contractor estimate and internal cost projection for data conflation and clean-up	\$ -	OG5	EC		\$ -	OG5	EC		Additional project work initiated in 2013 which will be ongoing in 2014 and subsequent years for data development and validation necessary to support the integrity management programs		
4	EAM & MWM	\$ 1,500,000	OG5	EX	\$ 900,000	Internal IT project estimate	\$ -	OG5	EX		\$ 250,000	OG5	EX		O&M expense related to a new information technology software project outlined in the F-4 schedule (Ameren Ex. 7.1). Project was initiated in 2012 with program scope and initial software selection. Detailed design development and implementation began in 2013 and will be completed in 2014.		
				ET	\$ 600,000				ET				ET	\$ 250,000			
5	HPD Clearing	\$ 1,200,000	676	EC	\$ 1,200,000	Based on planned miles of distribution pipeline rights of way to clear	\$ 50,000	676	EC	\$ 50,000	\$ 170,000	676	EC	\$ 170,000	Additional High Pressure Distribution Right of Way clearing for leak survey inspectors and DIMP program.		
6	Sewer Cross Bores	\$ 550,000	OG5	EC	\$ 550,000	Estimate of number of Inspections and cost per inspection.	\$ -	OG5	EC	\$ -	\$ 90,000	OG5	EC	\$ 90,000	Project work initiated in 2011 and 2012. \$150,000 was budgeted to increase the number of inspections in 2013 and again increase the number of inspections in 2014. Reference Direct Testimony Exhibit 7.0 lines 253-318 and line 1206		

7	Damage Prevention (Watch and Protect)	\$ 1,500,000	93R	EC	\$ 650,000	Planned staffing for projected 3rd party excavation volume and work load	\$ 2,000	93R	EC	\$ 2,000	\$ 326,000	93R	EC	\$ 326,000	The amount reflects full implementation of a third-party excavator damage prevention program ("Watch and Protect") to enhancing public safety, system integrity, and reliability by reducing third-party damage. The program began in 2011 and was expanded in 2012 with the addition of five positions. The program is part of the DIMP program additional and accelerated actions to mitigate the top threat to the integrity of the gas system which is excavation damage.
				LM						LM					
8	Atmospheric Corrosion painting	\$ 1,000,000	676	OG4	\$ 700,000	Estimate based on number of sites and facilities to paint	\$ 184,000	676	OG4		\$ 400,000	676	OG4		Additional corrosion control project work identified during inspection and maintenance activities and includes continuous maintenance of above ground pipe coatings in subsequent years.
				EC	\$ 850,000				EC	\$ 184,000			EC	\$ 400,000	
9	JULIE requests	\$ 3,200,000	93R	EC	\$ 3,100,000	Historical JULIE locate request volume and cost per locate	\$ 2,000,000	93R	EC	\$ 1,900,000	\$ 2,250,000	93R	EC	\$ 2,150,000	Cost varies based on projected number of locate requests and cost per locate.
				LU	\$ 100,000				LU	\$ 100,000			LU	\$ 100,000	
10	Dist. Leak Survey	\$ 600,000	676	EC	\$ 600,000	Based on miles of pipe in current year to survey	\$ 450,000	676	EC	\$ 450,000	\$ 700,000	676	EC	\$ 700,000	Cost varies based on number of miles of pipe scheduled to be surveyed in a given year and cost of surveys.

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Data Request Response Date: 6/7/2013**

AG 15.03

Referring to the response to AG 12.12, Attach, please provide the following additional information:

- a) A more detailed discussion of the summary narrative in column b "How Estimated" indicating each assumption made, analysis performed, bid response and detailed estimation that was developed for each line item in the Attachment.
- b) Detailed input data and calculations supporting each of the "Breakdown" amounts shown by RMC and RT in column a.
- c) A description of the methods employed and input values/documents relied upon to develop the calculations provided in your response to part (b) of this data request.

RESPONSE

Prepared By: Stephen R. Colyer
Title: Senior Director Gas Operations & Services
Phone Number: 217-424-6933

Additional details on the assumptions, analysis, and estimates for the responses to AG 12.12 are included in AG 15.03 Attach 1 in the column labeled "Response to AG 15.03." Please note that for certain activities, detailed documented analysis, bids, and forecasted cost breakdowns were not necessary to budget for the planned activity. For topics where detailed documented analysis, bids and forecasted costs were not available, AIC has provided an explanation of the planned activities with an estimate of activity costs and approximate level of activity to be completed in the test year. As noted in the narrative responses to ENG 3.01, ENG 3.01S and ENG 3.01S2, the forecasted spending for gas distribution, transmission and storage activities included in the test year is intended to support ongoing, incremental activities in 2014 and beyond.

Details requests for parts a, b, and c of the request were consolidated into the response in AG 15.03 Attach 1. Additionally AG 15.03 Attach 2 provides supporting information for distribution leak surveys and has been designated **CONFIDENTIAL and PROPRIETARY**. AG 15.03 Attach 3 supports the damage prevention program.

As Provided in AG 12.12							Response to AG 15.03		
a.			b.				d	a. thru c.	
Bullet	Topic	2014 Amount	RMC	RT	Breakdown	How Estimated	Variance Explanation	Details on How Estimated	
1	Various Gas personnel	\$ 2,900,000	OG5	EC		Current level plus additional work outlined in testimony Ex. 7.0 lines 1176 through 1188	Increase in resources necessary to perform identification, analysis, engineering, and project management related to executing the DIMP and TIMP program requirements. Recent integrity management regulations as well as new federal regulations are forthcoming that are based upon the legislation requirements passed by Congress in December 2011. Please AG 13.3 Attach 1, which summarizes the new requirements passed by Congress in December 2011. It is anticipated that the new regulations will result in significant additional work requirements, and consequently the need for additional engineering resources, to complete activities including transmission pipeline replacements, hydrostatic testing of pipelines, and expansion of TIMP requirements. Increase in resources for additional activities related to pipeline safety quality assurance and training programs. Increase in resources for records and data management related to transmission and distribution maximum allowable operating pressure (MAOP) records, data and records validation, data quality controls, and records development. These include resources to complete additional work to improve data accuracy and integrity management records and conform to new standard of having traceable, verifiable, and complete data and records on transmission pipelines	The costs for staffing are based on the budgeted cost for each individual position, type of position, and rate of pay. Costs for materials and contractors are forecasted based on historical spend levels for the identified activities. Costs for labor are calculated within the AIC budget system for the number of positions identified and forecasted to the RMC they reside in. The costs for this category is an aggregate of staffing, material, and contractor costs for individuals within the Gas Technical Services Engineering and Operations group as well as the Gas Standards group. Staffing level summaries for OG5, OG7, and OG8 are outlined in responses to AG 13.2, 13.4, and 13.5.	
				BX	\$ 70,000				
				LM	\$ 730,000				
				OG7	EC				\$ 130,000
					BX				\$ 190,000
					LM				\$ 1,100,000
			OG8	LM					
		\$ 626,000							
2	Integrity Management - Gas Leak Repair	\$ 1,300,000	OG5	EC		Projected costs for known and planned leaks repairs	Costs based on DIMP program requirements developed in 2012 for additional and accelerated leaks repairs explained in Exhibit 7.0 lines 267-270.	Leak repair costs are estimated costs for contractor, engineering and field labor to identify, locate, and repair leaks on mains and services as part if the AIC DIMP annual threat analysis results, as well as costs to repair a known issue with leaking gas service caps also included in the budgeted cost. The forecast will enable repair of between 100 and 150 service tee cap leaks at an estimated cost of \$1500 per repair and to repair approximately 250 - 300 main or service leaks at an estimated costs of \$3000 per repair.	
					\$ 1,300,000				

3	Integrity mgt. - data conversion & field Surveys	\$ 1,100,000	OG5	EC	\$ 1,100,000	Contractor estimate and internal cost projection for data conflation and clean-up	Additional project work initiated in 2013 which will be ongoing in 2014 and subsequent years for data development and validation necessary to support the integrity management programs	The costs for data conflation and clean-up are estimates for a GIS Services vendor to convert existing GIS data into a corrected land base data set that matches current GPS and geospatial corrected database standards. In addition, field services contractors will be needed to field verify land base corrections. The costs are based on preliminary discussions with GIS Services contractors. A specific bid has not yet been obtained to perform the work necessary to support the integrity management programs.
4	EAM & MWM	\$ 1,500,000	OG5	EX ET	\$ 900,000 \$ 600,000	Internal IT project estimate	O&M expense related to a new information technology software project outlined in the F-4 schedule (Ameren Ex. 7.1). Project was initiated in 2012 with program scope and initial software selection. Detailed design development and implementation began in 2013 and will be completed in 2014.	The cost is based on the estimated AIC and contractor man-hours to develop the program and software requirements, develop request for pricing, analyze options, and select the software vendor and solutions to create and implement the EAM and MWM programs. The costs were developed by the project manager based on estimated time to conduct the initial phases of the effort. Detailed cost breakdown was included in Ameren Exhibit 7.1 as supporting information for the F4 Schedule in this proceeding.
5	HPD Clearing	\$ 1,200,000	676	EC	\$ 1,200,000	Based on planned miles of distribution pipeline rights of way to clear	Additional High Pressure Distribution Right of Way clearing for leak survey inspections and DIMP program.	AIC has estimated there are approximately 750 miles of high pressure distribution pipe installed in areas where right of way clearing is required to perform pipeline safety related surveys and inspections. The average cost to clear, maintain, and mark right of ways, based on historical costs for transmission right of way clearing is approximately \$16,000 per mile. AIC would be able to complete the right of way clearing over 10 years or 75 miles per year. 75 miles at a cost of \$16,000 per mile calculates to \$1,200,000
6	Sewer Cross Bores	\$ 550,000	OG5	EC	\$ 550,000	Estimate of number of Inspections and cost per inspection.	Project work initiated in 2011 and 2012. \$150,000 was budgeted to increase the number of inspections in 2013 and again increase the number of inspections in 2014. Reference Direct Testimony Exhibit 7.0 lines 253-318 and line 1206	The sewer cross bore inspection program is predominantly focused on gas service and main installations performed between approximately 1980 and 2000. Records indicate there are as many as 200,000 gas services installed during this period. Based on historical costs to perform inspections in 2012 with contractors, AIC projects a cost of approximately \$250 per inspection utilizing contractor services. AIC plans to inspect between 2000 and 2500 services in 2014 using contractor services for a total estimated costs of \$550,000. Based on 2014 inspection results, AIC may need to increase the level of inspections in future years to complete all services in a reasonable time frame.

7	Damage Prevention (Watch and Protect)	\$ 1,500,000	93R	EC	\$ 650,000	Planned staffing for projected 3rd party excavation volume and work load	The amount reflects full implementation of a third-party excavator damage prevention program ("Watch and Protect") to enhancing public safety, system integrity, and reliability by reducing third-party damage. The program began in 2011 and was expanded in 2012 with the addition of five e positions. The program is part of the DIMP program additional and accelerated actions to mitigate the top threat to the integrity of the gas system which is excavation damage.	The costs for Watch and Protect are based on a staffing level and the related labor costs for 8 full time employees to administer the program and a portion of time for two supervisors. These positions are currently filled and have been in place and filled since 2012. The contractor costs are based on an estimated number of approximately 5000-5500 stand-bys and a cost of approximately \$120 per stand-by to observe excavation activity.
				LM	\$ 850,000			
8	Atmospheric Corrosion painting	\$ 1,000,000	676	OG4	EC	\$ 700,000	Estimate based on number of sites and facilities to paint	Painting costs are based on historic contractor costs for painting natural gas piping and above ground facilities. The costs for painting in RMC 676 are for customer meter sets. The number of meters sets to paint can vary annually based of maintenance inspections performed the previous year indicated painting is required. The average cost to paint a meter set is approximately \$5.50 each. In 2014 AIC expects to paint between 55,000 - 60,000 gas meter sets with the \$300,000 forecast budget. The costs for RMC OG4 are based on the approximately cost of \$5000 to paint small regulator stations and commercial/industrial meter sets and the approximately costs of \$20,000-\$40,000 to paint large regulator station and meter sets. AIC anticipates painting between 50 and 60 small installations and 10-15 large installations in 2014.
				EC	\$ 300,000	Additional corrosion control project work identified during inspection and maintenance activities and includes continuous maintenance of above ground pipe coatings in subsequent years.		
9	JULIE requests	\$ 3,200,000	93R	EC	\$ 3,100,000	Cost varies based on projected number of locate requests and cost per locate.	JULIE locate costs are based on a per locate cost of approximately \$13 and a forecasted level of 240,000 gas locate requests that will have to be physically located. In 2012, AIC performed approximately 230,000 physical locates. The forecast level of requests is based on historical trends and anticipated increases in new business activity that will create additional locate requests. Included in the total cost are two AIC screener positions that identify locate requests that do not have to be physically located. These two positions are filled and have been in place for several years. Please see the bolded references in AG 15.3 Attach 3 which provide supporting information on total locate requests that exceeded 340,000 in 2012.	
				LU	\$ 100,000			

10	Dist. Leak Survey	\$ 600,000	676	EC	\$ 600,000	Based on miles of pipe in current year to survey	Cost varies based on number of miles of pipe scheduled to be surveyed in a given year and cost of surveys.	Distribution main and service leak survey is performed on a four year cycle and is an ongoing activity required by pipeline safety regulations. The miles of main surveyed each year are based on the miles surveyed in the previous cycle adjusted for new installations and retirements. The amount of main and services surveyed is generally evenly distributed over each year but can vary somewhat each year. The survey costs are based on work scope for the 2014 cycle and a quoted contractor cost per service of \$2.28 each and a cost of \$59.79 per mile of distribution main. Please see AG 15.3 Attach 2 for confidential bid information.
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Ameren Illinois Gas Excavation Damage Trends

Damaged Mains	232	250	214	172	232	214	248
Damaged Mains/1000	#REF!						
Total Gas Damages	#REF!	#REF!	#REF!	#REF!	1249	#REF!	#REF!
Total Gas Damages/1000	#REF!						
AmerenCIPS							
JULIE Tickets	94915	96122	96486	92918	91746	92869	99308
Damaged Services	149	147	164	166	259	186	196
Damaged Services/1000	1.57	1.53	1.70	1.79	2.82	2.00	1.97
Damaged Mains	54	79	55	61	63	83	90
Damaged Mains/1000	0.57	0.82	0.57	0.66	0.69	0.89	0.91
Total Gas Damages	203	226	219	227	322	269	286
Total Gas Damages/1000	2.14	2.35	2.27	2.44	3.51	2.90	2.88
AmerenCILCO							
JULIE Tickets	90544	85713	77620	74113	72557	72981	77391
Damaged Services	430	384	326	298	266	277	287
Damaged Services/1000	4.75	4.48	4.20	4.02	3.67	3.80	3.71
Damaged Mains	54	52	63	35	63	29	55
Damaged Mains/1000	0.60	0.61	0.81	0.47	0.87	0.40	0.71
Total Gas Damages	484	436	389	333	329	306	342
Total Gas Damages/1000	5.35	5.09	5.01	4.49	4.53	4.19	4.42
AmerenIP							
JULIE Tickets	194550	192099	180420	162652	156088	159384	171720
Damaged Services	540	514	474	415	492	412	411
Damaged Services/1000	2.78	2.68	2.63	2.55	3.15	2.58	2.39
Damaged Mains	124	119	96	80	106	102	103
Damaged Mains/1000	0.64	0.62	0.53	0.49	0.68	0.64	0.60
Total Gas Damages	664	633	570	495	598	514	514
Total Gas Damages/1000	3.41	3.30	3.16	3.04	3.83	3.22	2.99

Ameren Illinois Gas Excavation Damage Trends

2011 Gas Excavation Damage Analysis

Fault	CIL S	CIL M	CIL G	CIPS S	CIPS M	CIPS G	IP S	IP M
Total	277	29	306	186	83	269	412	102
Excavator	205	21	226	118	47	165	321	69
Facility	33	3	36	41	14	55	53	12
Locator	29	4	33	17	11	28	36	16
Other	10	1	11	10	11	21	2	5
Percents								
Excavator	74.0	72.4	73.9	63.4	56.6	61.3	77.9	67.6
Facility	11.9	10.3	11.8	22.0	16.9	20.4	12.9	11.8
Locator	10.5	13.8	10.8	9.1	13.3	10.4	8.7	15.7
Other	3.6	3.4	3.6	5.4	13.3	7.8	0.5	4.9

Division 1								
	CIL			CIP			IP	
	S	M	G	S	M	G	S	M
Total	171	14	185	1	0	1	63	10
Excavator	116	11	127	0	0	0	50	6
Facility	28	1	29	1	0	1	3	2
Locator	20	2	22	0	0	0	10	1
Other	7	0	7	0	0	0	0	1
Percents								
Excavator	67.8	78.6	68.6	0.0	0.0	0.0	79.4	60.0
Facility	16.4	7.1	15.7	100.0	0.0	100.0	4.8	20.0
Locator	11.7	14.3	11.9	0.0	0.0	0.0	15.9	10.0
Other	4.1	0.0	3.8	0.0	0.0	0.0	0.0	10.0

Division 2								
	CIL			CIP			IP	
	S	M	G	S	M	G	S	M
Total	0	0	0	57	26	83	8	0
Excavator	0	0	0	45	17	62	7	0
Facility	0	0	0	7	3	10	0	0
Locator	0	0	0	3	4	7	1	0
Other	0	0	0	2	2	4	0	0
Percents								
Excavator	0.0	0.0	0.0	78.9	65.4	74.7	87.5	0.0
Facility	0.0	0.0	0.0	12.3	11.5	12.0	0.0	0.0
Locator	0.0	0.0	0.0	5.3	15.4	8.4	12.5	0.0
Other	0.0	0.0	0.0	3.5	7.7	4.8	0.0	0.0

Division 3								
	CIL			CIP			IP	
	S	M	G	S	M	G	S	M
Total	82	11	93	0	0	0	31	12
Excavator	72	6	78	0	0	0	24	5
Facility	3	2	5	0	0	0	5	1
Locator	7	2	9	0	0	0	2	5

Ameren Illinois Gas Excavation Damage Trends

Other	0	1	1	0	0	0	0	1
Percents								
Excavator	87.8	54.5	83.9	0.0	0.0	0.0	77.4	41.7
Facility	3.7	18.2	5.4	0.0	0.0	0.0	16.1	8.3
Locator	8.5	18.2	9.7	0.0	0.0	0.0	6.5	41.7
Other	0.0	9.1	1.1	0.0	0.0	0.0	0.0	8.3

Division 4								
	CIL			CIP			IP	
	S	M	G	S	M	G	S	M
Total	21	4	25	35	24	59	112	16
Excavator	17	4	21	23	13	36	83	11
Facility	2	0	2	8	7	15	17	2
Locator	2	0	2	2	1	3	12	3
Other	0	0	0	2	3	5	0	0
Percents								
Excavator	81.0	100.0	84.0	65.7	54.2	61.0	74.1	68.8
Facility	9.5	0.0	8.0	22.9	29.2	25.4	15.2	12.5
Locator	9.5	0.0	8.0	5.7	4.2	5.1	10.7	18.8
Other	0.0	0.0	0.0	5.7	12.5	8.5	0.0	0.0

Division 5								
Damages	CIL			CIP			IP	
	S	M	G	S	M	G	S	M
Total	0	0	0	15	8	23	100	35
Excavator	0	0	0	10	5	15	83	27
Facility	0	0	0	3	2	5	11	3
Locator	0	0	0	0	0	0	4	5
Other	0	0	0	2	1	3	2	0
Percents								
Excavator	0	0	0	66.7	62.5	65.2	83.0	77.1
Facility	0	0	0	20.0	25.0	21.7	11.0	8.6
Locator	0	0	0	0.0	0.0	0.0	4.0	14.3
Other	0	0	0	13.3	12.5	13.0	2.0	0.0

Division 6								
Damages	CIL			CIP			IP	
	S	M	G	S	M	G	S	M
Total	0	0	0	78	29	107	98	29
Excavator	0	0	0	40	16	56	74	20
Facility	0	0	0	22	2	24	17	4
Locator	0	0	0	12	6	18	7	2
Other	0	0	0	4	5	9	0	3
Percents								
Excavator	0.0	0.0	0.0	51.3	55.2	52.3	75.5	69.0
Facility	0.0	0.0	0.0	28.2	6.9	22.4	17.3	13.8
Locator	0.0	0.0	0.0	15.4	20.7	16.8	7.1	6.9
Other	0.0	0.0	0.0	5.1	17.2	8.4	0.0	10.3

Ameren Illinois Gas Excavation Damage Trends

IP G
514
390
65
52
7
75.9
12.6
10.1
1.4

AIC S	AIC M
875	214
644	137
127	29
82	31
22	17
73.6	64.0
14.5	13.6
9.4	14.5
2.5	7.9

AIC G
1089
781
156
113
39
71.7
14.3
10.4
3.6

Total			
G	S	M	G
73	235	24	259
56	166	17	183
5	32	3	35
11	30	3	33
1	7	1	8
76.7	70.6	70.8	70.7
6.8	13.6	12.5	13.5
15.1	12.8	12.5	12.7
1.4	3.0	4.2	3.1

Total			
G	S	M	G
8	65	26	91
7	52	17	69
0	7	3	10
1	4	4	8
0	2	2	4
87.5	80.0	65.4	75.8
0.0	10.8	11.5	11.0
12.5	6.2	15.4	8.8
0.0	3.1	7.7	4.4

Total			
G	S	M	G
43	113	23	136
29	96	11	107
6	8	3	11
7	9	7	16

Ameren Illinois Gas Excavation Damage Trends

1	0	2	2
67.4	85.0	47.8	78.7
14.0	7.1	13.0	8.1
16.3	8.0	30.4	11.8
2.3	0.0	8.7	1.5

Total			
G	S	M	G
128	168	44	212
94	123	28	151
19	27	9	36
15	16	4	20
0	2	3	5
73.4	73.2	63.6	71.2
14.8	16.1	20.5	17.0
11.7	9.5	9.1	9.4
0.0	1.2	6.8	2.4

Total			
G	S	M	G
135	115	43	158
110	93	32	125
14	14	5	19
9	4	5	9
2	4	1	5
81.5	80.9	74.4	79.1
10.4	12.2	11.6	12.0
6.7	3.5	11.6	5.7
1.5	3.5	2.3	3.2

Total			
G	S	M	G
127	176	58	234
94	114	36	150
21	39	6	45
9	19	8	27
3	4	8	12
74.0	64.8	62.1	64.1
16.5	22.2	10.3	19.2
7.1	10.8	13.8	11.5
2.4	2.3	13.8	5.1

2012 Gas Excavation Damage Analysis

Fault	CIL S	CIL M	CIL G	CIPS S	CIPS M	CIPS G	IP S	IP M
Total	287	55	342	196	90	286	411	103
Excavator			0			0		
Facility			0			0		
Locator			0			0		
Other			0			0		
Percents								
Excavator	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Facility	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Locator	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Division 1								
	CIL			CIP			IP	
	S	M	G	S	M	G	S	M
Total	183	35	218	0	0	0	56	12
Excavator			0			0		
Facility			0			0		
Locator			0			0		
Other			0			0		
Percents								
Excavator	0.0	0.0	0.0	#DIV/0!	0.0	#DIV/0!	0.0	0.0
Facility	0.0	0.0	0.0	#DIV/0!	0.0	#DIV/0!	0.0	0.0
Locator	0.0	0.0	0.0	#DIV/0!	0.0	#DIV/0!	0.0	0.0
Other	0.0	0.0	0.0	#DIV/0!	0.0	#DIV/0!	0.0	0.0

Division 2								
	CIL			CIP			IP	
	S	M	G	S	M	G	S	M
Total	0	0	0	51	25	76	6	1
Excavator			0			0		
Facility			0			0		
Locator			0			0		
Other			0			0		
Percents								
Excavator	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Facility	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Locator	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Division 3								
	CIL			CIP			IP	
	S	M	G	S	M	G	S	M
Total	80	15	95	0	0	0	38	4
Excavator			0			0		
Facility			0			0		
Locator			0			0		

Ameren Illinois Gas Excavation Damage Trends

IP G
514
0
0
0
0
0.0
0.0
0.0
0.0

AIC S	AIC M
894	248
0	0
0	0
0	0
0	0
0.0	0.0
0.0	0.0
0.0	0.0
0.0	0.0

AIC G
1142
0
0
0
0
0.0
0.0
0.0
0.0

Total			
G	S	M	G
68	239	47	286
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0

Total			
G	S	M	G
7	57	26	83
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0

Total			
G	S	M	G
42	118	19	137
0	0	0	0
0	0	0	0
0	0	0	0

Ameren Illinois Gas Excavation Damage Trends

0	0	0	0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0

Total			
G	S	M	G
89	136	40	176
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0

Total			
G	S	M	G
160	133	43	176
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0

Total			
G	S	M	G
148	211	73	284
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0

Ameren Illinois Gas Excavation Damage Trends

	Jan-12	Feb-12	Mar-12	Apr-12
Tickets from JULIE	18143	19267	32312	35520
Total Locates (JULIE Tickets * 2)	36286	38534	64624	71040
SCREENING				
Locates Auto Screened - Gas	5086	5397	9343	10076
% Locates Auto Screened - Gas	28.0%	28.0%	28.9%	28.4%
Locates Auto Screened - Electric	3172	3205	5116	5787
% Locates Auto Screened - Electric	17.5%	16.6%	15.8%	16.3%
Total Locates Auto Screened	8258	8602	14459	15863
% Total Locates Auto Screened	22.8%	22.3%	22.4%	22.3%
Locates Manual Screened - Gas	679	655	1194	1830
% Locates Manual Screened - Gas	3.7%	3.4%	3.7%	5.2%
Locates Manual Screened - Electric	3543	3867	6471	7340
% Locates Manual Screened - Electric	19.5%	20.1%	20.0%	20.7%
Total Locates Manual Screened	4222	4522	7665	9170
% Total Locates Manual Screened	11.6%	11.7%	11.9%	12.9%
Total Locates Screened - Gas	5765	6052	10537	11906
% Total Locates Screened - Gas	31.8%	31.4%	32.6%	33.5%
Total Locates Screened - Electric	6715	7072	11587	13127
% Total Locates Screened - Electric	37.0%	36.7%	35.9%	37.0%
Total Locates Screened	12480	13124	22124	25033
% Total Locates Screened	34.4%	34.1%	34.2%	35.2%
\$ Saved By Screened Locates	\$127,920	\$134,521	\$226,771	\$256,588
LOCATES				
Field Locates Gas - North	5650	6462	11164	12430
Field Locates Electric - North	5314	6049	11225	12626
Field Locates Gas - South	6719	6772	10422	11245
Field Locates Electric - South	6137	6137	9349	9887
Total Field Locates Gas	12369	13234	21586	23675
Total Field Locates Electric	11451	12186	20574	22513
Total Field Locates	23820	25420	42160	46188
W&P				
W&P Standbys - North	71	91	94	101
W&P Standbys - South	59	63	82	94
Total W&P Standbys	130	154	176	195

Gas Service	
Damages	34
Per 1000 JULIE Requests	
Per 1000 Field Locates	
Gas Main	
Damages	8
Per 1000 JULIE Requests	
Per 1000 Field Locates	
Gas Total	
Damages	42
Per 1000 JULIE Requests	
Per 1000 Field Locates	
Electric Service	
Damages	3
Per 1000 JULIE Requests	
Per 1000 Field Locates	
Electric Secondary	
Damages	3
Per 1000 JULIE Requests	
Per 1000 Field Locates	
Electric Primary	
Damages	6
Per 1000 JULIE Requests	
Per 1000 Field Locates	
Electric Total	
Damages	12
Per 1000 JULIE Requests	
Per 1000 Field Locates	
Total Damages	
Damages	54
Per 1000 JULIE Requests	
Per 1000 Field Locates	

Ameren Illinois Gas Excavation Damage Trends

May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Total
35971	34729	31965	33988	29638	32786	25814	18304	348437
71942	69458	63930	67976	59276	65572	51628	36608	696874
9740	9505	8692	9572	8293	9630	7415	5164	97913
27.1%	27.4%	27.2%	28.2%	28.0%	29.4%	28.7%	28.2%	28.1%
5792	5404	4748	5146	4583	5118	4094	2780	54945
16.1%	15.6%	14.9%	15.1%	15.5%	15.6%	15.9%	15.2%	15.8%
15532	14909	13440	14718	12876	14748	11509	7944	152858
21.6%	21.5%	21.0%	21.7%	21.7%	22.5%	22.3%	21.7%	21.9%
1895	1849	1643	1494	1186	1481	908	719	15533
5.3%	5.3%	5.1%	4.4%	4.0%	4.5%	3.5%	3.9%	4.5%
7336	6310	7628	8581	6460	8549	5832	4617	76534
20.4%	18.2%	23.9%	25.2%	21.8%	26.1%	22.6%	25.2%	22.0%
9231	8159	9271	10075	7646	10030	6740	5336	92067
12.8%	11.7%	14.5%	14.8%	12.9%	15.3%	13.1%	14.6%	13.2%
11635	11354	10335	11066	9479	11111	8323	5883	113446
32.3%	32.7%	32.3%	32.6%	32.0%	33.9%	32.2%	32.1%	32.6%
13128	11714	12376	13727	11043	13667	9926	7397	131479
36.5%	33.7%	38.7%	40.4%	37.3%	41.7%	38.5%	40.4%	37.7%
24763	23068	22711	24793	20522	24778	18249	13280	244925
34.4%	33.2%	35.5%	36.5%	34.6%	37.8%	35.3%	36.3%	35.1%
\$253,821	\$236,447	\$232,788	\$254,128	\$210,351	\$253,975	\$187,052	\$136,120	\$2,510,481
12828	12538	11382	12007	10743	11557	9125	6269	122155
12971	13017	10913	11085	10454	10951	8784	5702	119091
11573	10818	10255	11017	9248	10264	8359	6240	112932
10059	10041	8749	9358	8017	8409	7137	5328	98608
24401	23356	21637	23024	19991	21821	17484	12509	235087
23030	23058	19662	20443	18471	19360	15921	11030	217699
47431	46414	41299	43467	38462	41181	33405	23539	452786
97	83							
107	108							
204	191							