

**2015 Planned Reservoir/Well Activities**

Storage Field	Project #	Project Title	Comments	Loaded Cost	Month
All Fields	J0125 -Well Head	Wellhead Testing	Test integrity of seals on wellheads.	\$ 10,800	March
All Fields	J0126 - Well Testing	Bottomhole Pressure Testing	Well Testing at various fields.	\$ 7,992	March
All Fields	J0125 -Well Head	Workover Caps	Replace workover caps on various wells	\$ 43,200	July
All Fields	J0125 -Well Head	Wellhead Seal Replacement/Repair	# of wells determined based on schedules evaluation	\$ 108,000	June
Lincoln	J0125 -Well Head	Wellhead Seal Replacement/Repair	2 Wells at Lincoln Storage Field	\$ 108,000	July
Freeburg	J0125 -Well Head	Prepare Wellheads for Logging	Loosen swedges on wellheads to allow logging truck to rig up to wellhead.	\$ 54,000	February - March
Freeburg	J0125 -Well Head	Master Valve Replacement	Inoperable master valve on Sentry Royalty 3	\$ 54,000	June
Glasford	J0127 - Well Work	Well Clean Out	Clean well out with coil tubing unit	\$ 446,731	May - October
Glasford	J0124- Res. Simulation	Reservoir Simulation	Update reservoir model.	\$ 151,200	Ongoing
Glasford	J0125 -Well Head	Valve Replacement	Replace various wing and ball valves on wellheads.	\$ 21,600	May
Hillsboro	J0127 - Well Work	Biocide Treatment	Treat wells with Biocide to mitigate H2S, 13 wells	\$ 32,400	April
Hillsboro	J0127 - Well Work	Seating Nipple Plugs	Pull seating nipple plugs and seat them	\$ 10,800	March - November
Hillsboro	J0124- Res. Simulation	Reservoir Simulation	Update reservoir model.	\$ 135,000	Ongoing
Hookdale	J0127 - Well Work	Well work over	Well has limited full bore access, will require inflatable packer.	\$ 75,600	May
Hookdale	J0125 -Well Head	Master Valve Repair/Replacement	Inoperable master valve on Poland #4.	\$ 37,800	May
Lincoln	J0127 - Well Work	Well Clean Out	Clean well out with coil tubing unit	\$ 324,000	May - October
Lincoln	J0125 -Well Head	Valve Replacement	Replace various wing and ball valves on wellheads.	\$ 16,200	June
Sciota	J0127 - Well Work	Well Clean Out	Clean well out with workover rig or coil unit 2 wells	\$ 64,800	July
Sciota	J0124- Res. Simulation	Reservoir Simulation	Update of reservoir model.	\$ 37,800	Ongoing
Sciota	J0127 - Well Work	Biocide Treatment	Treat wells with Biocide to mitigate H2S, 14 wells	\$ 32,400	May
Sciota	J0125 -Well Head	Valve Replacement	Replace 2 ball valves on well heads.	\$ 12,960	June
Shanghai	J0124- Res. Simulation	Reservoir Simulation	Update reservoir model.	\$ 75,600	Ongoing
Hookdale	J0127 - Well Work	Well work over	Install a liner patch on Poland 2	\$ 108,000	June - September
Lincoln	J0127 - Well Work	Drill out Composite Plug	Drill out Composite Plug. Run bit and scrapper along casing of well. Rocky Ford #6	\$ 189,000	June
Tilden	J0127 - Well Work	Various Well Work	Well work on unidentified wells from the logging program.	\$ 189,000	July
Glasford	J0127 - Well Work	Prepare for Corrosion log	Run scraper and bit in preparation for corrosion logs	\$ 54,000	June
Hillsboro	J0127 - Well Work	Fishing IPC	Fishing activities related to neutron logging of well	\$ 54,000	March
Sciota	J0125 -Well Head	Wellhead Seal Replacement/Repair	SM-34 Replace seals	\$ 108,000	July
Glasford	J0125 -Well Head	Wellhead Seal Replacement/Repair	Cilco #6 Change Primary and Secondary Seals	\$ 54,000	August
Hillsboro	J0127 - Well Work	Well Work	Determine Top of sand on Snyder 2 well	\$ 5,400	March
All Fields	J0125 -Well Head	Replace Studs/Bolts	Replace Studs and Bolts on wells in various fields.	\$ 27,000	June
Freeburg	J0127 - Well Work	Various Well Work	Well work on unidentified wells from the logging program.	\$ 189,000	October
Tilden	J0127 - Well Work	Well Work	Pull 1" tubing on three wells	\$ 216,000	August
Johnston City	J0127 - Well Work	Well Work	Replacement of repaired SSSV at Johnston City	\$ 81,000	TBD
Ashmore	J0127 - Well Work	Well Work	Replace SS Miller #1 top tubing joint	\$ 21,600	TBD
Lincoln	J0125 -Well Head	Wellhead Repair	Repair supplied Orbit valves (2)	\$ 28,080	May
Johnston City/Tilden	J0125 -Well Head	SSSV Repair	Repair SSSV on NRR#1 - Forsyth 4	\$ 16,200	June
All Fields	J0127 - Well Work	Land Damages	Land Damages Cost for all Fields	\$ 162,000	December
<b>Logging</b>				<b>\$ 3,363,163</b>	
Field	Project #	Project Title	Comments	Loaded Cost	Month
Ashmore	J0120- Logging	Logging	GRN/Vertilog, 4 logs	\$ 77,760	May - June
Centrallia	J0120- Logging	Logging	GRN/Vertilog, 4 logs	\$ 33,480	May - December
Eden	J0120- Logging	Logging	GRN/Vertilog, 4 logs	\$ 34,560	April - November
Freeburg	J0120- Logging	Logging	GRN/Vertilog, 34 logs	\$ 660,960	February - May
Freeburg	J0120- Logging	Logging	CBL-5 logs	\$ 116,640	July - August
Glasford	J0120- Logging	Logging	GRN/Vertilog, 12 logs	\$ 194,400	April - October
Hillsboro	J0120- Logging	Logging	GRN/Vertilog, 10 logs	\$ 168,480	March - November
Hookdale	J0120- Logging	Logging	GRN, CBL, Vertilog -- 2 logs	\$ 54,000	May
Hookdale	J0120- Logging	Noise Log	Noise Log - 1 Log	\$ 10,800	May
Johnston City	J0120- Logging	Logging	GRN/Vertilog, 4 logs	\$ 38,880	April - October
Lincoln	J0120- Logging	Logging	GRN/Vertilog, 10 logs	\$ 153,360	May - November
Sciota	J0120- Logging	Logging	GRN/Vertilog, 8 logs	\$ 81,000	May
Shanghai	J0120- Logging	Logging	GRN/Vertilog, 8 logs	\$ 69,120	July
Tilden	J0120- Logging	Logging	GRN/Vertilog, 15 logs	\$ 432,000	May
Tilden	J0120- Logging	Logging	CBL, 5 wells-5 logs	\$ 108,000	September
<b>LOGGING TOTAL (125 logs)</b>				<b>\$ 2,233,440</b>	
				<b>\$ 5,596,603</b>	

2016 Planned Reservoir/Well Activities					
Storage Field	Project #	Project Title	Comments	Loaded Cost	Month
All Fields	J0125 -Well Head	Wellhead Testing	Test integrity of seals on wellheads.	\$ 10,800	March
All Fields	J0126 - Well Testing	Bottomhole Pressure Testing	Well Testing at various fields.	\$ 7,992	March
All Fields	J0125 -Well Head	Workover Caps/Hammer Unions	Replace workover caps on various wells	\$ 43,200	July
All Fields	J0125 -Well Head	Wellhead Seal Replacement/Repair	# of wells determined based on schedules evaluation	\$ 108,000	June
Freeburg	J0125 -Well Head	Prepare Wellheads for Logging	Loosen swedges on wellheads to allow logging truck to rig up to wellhead.	\$ 54,000	February - March
Glasford	J0125 -Well Head	Valve Replacement	Replace various wing and ball valves on wellheads.	\$ 21,600	May
Hillsboro	J0127 - Well Work	Seating Nipple Plugs	Pull seating nipple plugs and seat them	\$ 10,800	March - November
Lincoln	J0127 - Well Work	Well Clean Out	Clean well out with coil tubing unit	\$ 324,000	May - October
Glasford	J0127 - Well Work	Well Clean Out	Clean well out with coil tubing unit	\$ 442,800	May - October
Hillsboro	J0126 - Well Testing	Well Test	10 wells- Outside contract to perform rate test to determine health of well	\$ 54,000	-
Glasford	J0126 - Well Testing	Well Test	33 wells- Outside contract to perform rate test to determine health of well	\$ 178,200	-
Lincoln	J0126 - Well Testing	Well Test	10 wells- Outside contract to perform rate test to determine health of well	\$ 54,000	-
All Fields	J0126 - Well Testing	Water level records	Maintain monitoring system for all available fields	\$ 108,000	
Glasford	J0124-Res. Simulation	Seismic Simulation	Establish 2-d Seismic reading	\$ 432,000	
Lincoln	J0125 -Well Head	Valve Replacement	Replace various wing and ball valves on wellheads.	\$ 16,200	June
Sciota	J0127 - Well Work	Well Clean Out	Clean well out with workover rig or coil unit 2 wells	\$ 64,800	July
Sciota	J0124- Res. Simulation	Reservoir Simulation	Major update of reservoir model	\$ 162,000	Ongoing
Hookdale	J0124- Res. Simulation	Reservoir Simulation	Initiating Hookdale Reservoir Model	\$ 162,000	Ongoing
Shanghai	J0124- Res. Simulation	Reservoir Simulation	Update reservoir model	\$ 37,800	Ongoing
Hillsboro	J0124- Res. Simulation	Reservoir Simulation	Update reservoir model.	\$ 37,800	Ongoing
Glasford	J0124- Res. Simulation	Reservoir Simulation	Update reservoir model.	\$ 37,800	Ongoing
Hillsboro	J0127 - Well Work	Biocide Treatment	Treat wells with Biocide to mitigate H2S, 13 wells	\$ 32,400	April
Sciota	J0127 - Well Work	Biocide Treatment	Treat wells with Biocide to mitigate H2S	\$ 32,400	May
Glasford	J0127 - Well Work	Biocide Treatment	Treat wells with Biocide to mitigate H2S	\$ 32,400	May
Lincoln	J0127 - Well Work	Biocide Treatment	Treat wells with Biocide to mitigate H2S	\$ 32,400	May
Shanghai	J0124- Res. Simulation	Reservoir Simulation	Update reservoir model.	\$ 75,600	Ongoing
Tilden	J0127 - Well Work	Various Well Work	Well work on unidentified wells from the logging program.	\$ 189,000	July
Glasford	J0127 - Well Work	Prepare for Corrosion log	Run scraper and bit in preparation for corrosion logs	\$ 54,000	June
Sciota	J0125 -Well Head	Wellhead Seal Replacement/Repair	Replace seals on well	\$ 108,000	July
All Fields	J0125 -Well Head	Replace Studs/Bolts	Replace Studs and Bolts on wells in various fields.	\$ 27,000	June
Freeburg	J0127 - Well Work	Various Well Work	Well work on unidentified wells from the logging program.	\$ 189,000	October
Tilden	J0127 - Well Work	Well Work	Pull 1" tubing on three wells	\$ 216,000	August
Lincoln	J0125 -Well Head	Wellhead Repair	Repair supplied Orbit valves (2)	\$ 28,080	May
All Fields	J0127 - Well Work	Land Damages	Land Damages Cost for all Fields	\$ 162,000	December
<b>Logging</b>				\$ 3,546,072	
Storage Field	Project#	Project Title	Comments	Loaded Cost	Month
Ashmore	J0120- Logging	Logging	GRN/Vertilog, 4 logs	\$ 77,760	May - June
Centrاليا	J0120- Logging	Logging	GRN/Vertilog, 4 logs	\$ 33,480	May - December
Eden	J0120- Logging	Logging	GRN/Vertilog, 4 logs	\$ 34,560	April - November
Freeburg	J0120- Logging	Logging	GRN/Vertilog, 35 logs	\$ 660,960	February - May
Freeburg	J0120- Logging	Logging	CBL-5 logs	\$ 116,640	July - August
Glasford	J0120- Logging	Logging	GRN/Vertilog, 12 logs	\$ 194,400	April - October
Hillsboro	J0120- Logging	Logging	GRN/Vertilog, 10 logs	\$ 168,480	March - November
Hookdale	J0120- Logging	Logging	GRN, CBL, Vertilog -- 2 logs	\$ 54,000	May
Johnston City	J0120- Logging	Logging	GRN/Vertilog, 4 logs	\$ 38,880	April - October
Lincoln	J0120- Logging	Logging	GRN/Vertilog, 10 logs	\$ 153,360	May - November
Sciota	J0120- Logging	Logging	GRN/Vertilog, 8 logs	\$ 81,000	May
Shanghai	J0120- Logging	Logging	GRN/Vertilog, 8 logs	\$ 69,120	July
Tilden	J0120- Logging	Logging	GRN/Vertilog, 15 logs	\$ 432,000	May
Tilden	J0120- Logging	Logging	CBL, 5 logs	\$ 108,000	September
<b>LOGGING TOTAL (125logs)</b>				\$ 2,222,640	
				<b>\$ 5,768,712</b>	

Ameren Illinois Company's  
Response to Illinois Office of Attorney General Data Request  
Docket No. 15-0142  
Proposed General Increase in Gas Delivery Service Rates

AG 11.31

Refer to the Rebuttal Testimony of Stephen Colyer, AIC Ex. 22.0, on line 1119. Please provide the amount spent for well logging in 2013, 2014 and 2015. Explain the reasons for the increase or decrease year over year from 2013 to 2016. Provide the number of wells logged or projected to be logged by year from 2013 to 2016.

**RESPONSE:** (Do not edit or delete this line or anything above this. Start typing your response right BELOW Date.)

**Prepared By: Stephen R. Colyer**  
**Title: Sr. Director, Gas Operations & Services**  
**Phone Number: 217-424-6933**  
**Date: 08/04/2015**

The amount spent for well logging was \$387,000 in 2013, \$1,037,000 in 2014, and \$2,233,440 is forecasted for 2015.

The increase from 2013 to 2014 is primarily due to performing a greater volume of logs and the utilization of the High Resolution Logging tool which is a higher cost per log when compared to previously utilized technologies.

The increase from 2014 to 2015 is primarily due to the activities specified in Ameren Exhibit 22.9. The program described includes a new program that has not been previously implemented as described in the Rebuttal Testimony of Stephen Colyer, AIC Ex. 22.0, on lines 1120-1135.

The decrease from 2015 to 2016 is primarily due to the difference in the planned activities specified in logging activities from Ameren Exhibit 22.9 and Ameren Exhibit 22.10. The difference is performing a noise log at Hookdale storage field in 2015 which will not be performed in 2016.

In 2013, 20 wells were logged. In 2014, 52 wells were logged. There are 96 wells that will be logged in 2015 and approximately the same number in 2016.

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Proposed General Increase in Gas Delivery Service Rates

AG 11.33

Refer to the Rebuttal Testimony of Stephen Colyer, AIC Ex. 22.0, on lines 1132-1135.  
Please provide the amount to be spent on well logging in 2017 and future years.

**RESPONSE: (Do not edit or delete this line or anything above this. Start typing your response right BELOW Date.)**

**Prepared By: Stephen R. Colyer**

**Title: Sr. Director, Gas Operations & Services**

**Phone Number: 217-424-6933**

**Date: 08/04/2015**

The forecasted well logging expenditures in 2017 are \$2.3 Million. The forecasted amount beyond 2017 is at the 2017 level plus an annual increase of 2% each year.

Ameren Illinois Company's  
Response to Illinois Office of Attorney General Data Request  
ICC Docket No. 15-0142  
Proposed General Increase in Gas Delivery Service Rates

AG 11.34

Refer to the Rebuttal Testimony of Stephen Colyer, AIC Ex. 22.0, on line 1165. Please provide the amount spent for wellhead maintenance in 2013, 2014 and 2015. Explain the reasons for the increase or decrease year over year from 2013 to 2016.

**RESPONSE: (Do not edit or delete this line or anything above this. Start typing your response right BELOW Date.)**

**Prepared By: Stephen R. Colyer**

**Title: Sr. Director, Gas Operations & Services**

**Phone Number: 217-424-6933**

**Date: 08/04/2015**

The amount spent for wellhead maintenance was \$50,100 in 2013, \$582,000 in 2014, and \$700,000 forecasted for 2015.

The increase from 2013 to 2014 is primarily due to wellhead maintenance work completed at the Ashmore storage field in 2014 in order to prepare and enable the wells for well logging and maintenance activities.

The increase from 2014 to 2015 is primarily due to the activities specified and planned in Ameren Exhibit 22.9 under project #J0125 Well Head, which is about \$118,000 more work than performed in 2014.

The decrease from 2015 to 2016 is primarily due to the difference in the planned activities specified in logging activities from Ameren Exhibit 22.9 and Ameren Exhibit 22.10. The difference is performing wellhead seal replacements at Lincoln, master valve replacement on the Sentry Royalty #3 well at Johnston City, replacing an inoperable valve on Poland #4 at Hookdale, replacing 2 ball valves at well heads at Sciota, changing primary and secondary seals at Glasford, and repairing the sub surface safety valves at Johnston City and Tilden in 2015. These activities are not being performed in 2016.

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AG 11.35

Refer to the Rebuttal Testimony of Stephen Colyer, AIC Ex. 22.0, on lines 1176-1177.  
Please provide the amount to be spent on wellhead maintenance in 2017 and future years.

**RESPONSE: (Do not edit or delete this line or anything above this. Start typing your response right BELOW Date.)**

**Prepared By: Stephen R. Colyer**

**Title: Sr. Director, Gas Operations & Services**

**Phone Number: 217-424-6933**

**Date: 08/04/2015**

The forecasted well head maintenance expenditures in 2017 are \$425,000. The forecasted amount beyond 2017 is at the 2017 level plus an annual increase of 2% each year.

Ameren Illinois Company's  
Response to Illinois Office of Attorney General Data Request  
ICC Docket No. 15-0142  
Proposed General Increase in Gas Delivery Service Rates

AG 11.36

Refer to the Rebuttal Testimony of Stephen Colyer, AIC Ex. 22.0, on line 1203. Please provide the amount spent for Well Work in 2013, 2014 and 2015. Explain the reasons for the increase or decrease year-over-year from 2013 to 2016.

**RESPONSE: (Do not edit or delete this line or anything above this. Start typing your response right BELOW Date.)**

**Prepared By: Stephen R. Colyer**

**Title: Sr. Director, Gas Operations & Services**

**Phone Number: 217-424-6933**

**Date: 08/04/2015**

The amount spent during 2013 was \$320,000, 2014 was \$400,000, and the forecast for 2015 is \$2,256,000.

The increase from 2013 to 2014 was primarily due to a valve failure at the Synder #2 well at Hillsboro Storage Field, which required replacement.

The increase from 2014 to 2015 is primarily due to the activities specified and planned in Ameren Exhibit 22.9 under project #J0127 Well Work, which is \$1,856,000 of additional projects than were performed in 2014.

The decrease from 2015 to 2016 is primarily due to the difference in the planned activities specified in logging activities from Ameren Exhibit 22.9 and Ameren Exhibit 22.10. The difference is performing a well workover at Hookdale, biocide treatments at Hillsboro, liner patch installation at Poland #2 at Hookdale, drilling out a composite plug at Lincoln, retrieving a neutron logging tool at Hillsboro, repair of a sub-surface safety valve at Johnston City, and replace Miller #1 top tubing joint at Ashmore in 2015. The activities are not being performed in 2016.

Ameren Illinois Company's  
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AG 11.37

Refer to the Rebuttal Testimony of Stephen Colyer, AIC Ex. 22.0, on lines 1214-1224.  
Please provide the amount to be spent for Well Work in 2017 and future years.

**RESPONSE: (Do not edit or delete this line or anything above this. Start typing your response right BELOW Date.)**

**Prepared By: Stephen R. Colyer**

**Title: Sr. Director, Gas Operations & Services**

**Phone Number: 217-424-6933**

**Date: 08/04/2015**

The forecasted well work expenditures in 2017 are \$1,817,000. The forecasted amount beyond 2017 is at the 2017 level plus an annual increase of 2% each year.

Ameren Illinois Company's  
Response to Illinois Office of Attorney General Data Request  
ICC Docket No. 15-0142  
Proposed General Increase in Gas Delivery Service Rates

AG 11.38

Refer to the Rebuttal Testimony of Stephen Colyer, AIC Ex. 22.0, on line 1254. Please provide the amount spent for well testing in 2013, 2014 and 2015. Explain the reasons for the increase or decrease year-over-year from 2013 to 2016. Provide the number of wells tested or projected to be tested by year from 2013 to 2016.

**RESPONSE: (Do not edit or delete this line or anything above this. Start typing your response right BELOW Date.)**

**Prepared By: Stephen R. Colyer**  
**Title: Sr. Director, Gas Operations & Services**  
**Phone Number: 217-424-6933**  
**Date: 08/04/2015**

The amount spent for well testing was \$6,000 in 2013, \$23,000 in 2014 and \$8,000 is forecasted for 2015. These costs were required to measure well flows and provide instantaneous information on the current flow performance of the well to evaluate well performance.

The increase from 2013 to 2014 was primarily due to an extended bottom hole pressure test at Hillsboro storage field using an external contractor. The test was required to determine the true pressure as measured at the bottom of the well in the gas storage zone. The bottom hole pressure is required versus taking a reading at the surface due to interference by water at the end of the withdrawal season. The information is utilized to improve the accuracy of the reservoir simulation model which is critical to predicting storage field performance.

The decrease from 2014 to 2015 is primarily due to the activities specified in Ameren Exhibit 22.9. The difference is performing an extended bottom hole pressure test at Hillsboro storage field in 2014 and not performing the same test in 2015.

The increase from 2015 to 2016 is primarily due to the activities specified in Ameren Exhibit 22.10. The well testing program as stated in the Rebuttal Testimony of Stephen Colyer, AIC Ex. 22.0 Rev., in lines 1225-1267 begins in 2016.

Please see AG 5.15 regarding the number of wells tested or projected to be tested by year from 2013 to 2016. Note that the tests planned for 2016 consist of different types of well tests than those completed in 2013 – 2015.

Ameren Illinois Company's  
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ICC Docket No. 15-0142  
Proposed General Increase in Gas Delivery Service Rates

AG 11.39

Refer to the Rebuttal Testimony of Stephen Colyer, AIC Ex. 22.0, on lines 1261-1267.  
Please provide the amount to be spent for well testing in 2017 and future years.

**RESPONSE: (Do not edit or delete this line or anything above this. Start typing your response right BELOW Date.)**

**Prepared By: Stephen R. Colyer**

**Title: Sr. Director, Gas Operations & Services**

**Phone Number: 217-424-6933**

**Date: 08/04/2015**

The forecasted well testing expenditures in 2017 are \$410,000. The forecasted amount beyond 2017 is at the 2017 level plus an annual increase of 2% each year.

Ameren Illinois Company's  
Response to Illinois Office of Attorney General Data Request  
ICC Docket No. 15-0142  
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AG 11.40

Refer to the Rebuttal Testimony of Stephen , AIC Ex. 22.0, on line 1313. Please provide the amount spent for reservoir modeling in 2013, 2014 and 2015. Explain the reasons for the increase or decrease year-over-year from 2013 to 2016.

**RESPONSE: (Do not edit or delete this line or anything above this. Start typing your response right BELOW Date.)**

**Prepared By: Stephen R. Colyer**

**Title: Sr. Director, Gas Operations & Services**

**Phone Number: 217-424-6933**

**Date: 08/04/2015**

The amount spent for reservoir modeling during 2013 was \$409,500, during 2014 was \$192,500, and \$400,000 is forecasted for 2015.

The decrease from 2013 to 2014 was primarily due to a comprehensive reservoir model build that was completed in 2013 for the Glasford Storage Field. With the emphasis on this model build, AIC performed model updates for the remaining, existing models in 2014, which resulted in lower costs.

The increase from 2014 to 2015 is primarily due to the activities specified and planned in Ameren Exhibit 22.9 under project #J0124 Res. Simulation, is \$207,500 more work than performed in 2014.

The increase from 2015 to 2016 is primarily due to the activities specified in Ameren Exhibit 22.10. The difference is primarily due to a seismic simulation study at Glasford, a comprehensive model update to the Sciota reservoir model, and initiating a reservoir simulation model for Hookdale.

Ameren Illinois Company's  
Response to Illinois Office of Attorney General Data Request  
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Proposed General Increase in Gas Delivery Service Rates

AG 11.41

Refer to the Rebuttal Testimony of Stephen Colyer, AIC Ex. 22.0, on lines 1332-1335.  
Please provide the amount to be spent for reservoir modeling in 2017 and future years.

**RESPONSE:**

**Prepared By: Stephen R. Colyer**  
**Title: Sr. Director, Gas Operations & Services**  
**Phone Number: 217-424-6933**  
**Date: 08/04/2015**

The forecasted reservoir modeling expenditures in 2017 are \$965,000. The forecasted amount beyond 2017 is at the 2017 level plus an annual increase of 2% each year.

Ameren Illinois Company's  
Response to Illinois Office of Attorney General Data Request  
ICC Docket No. 15-0142  
Proposed General Increase in Gas Delivery Service Rates

AG 11.42

Refer to the Rebuttal Testimony of Stephen Colyer, AIC Ex. 22.0, on lines 1336-1342. Please provide the amount spent for other well expenses in 2013, 2014 and 2015. Explain the reasons for the increase or decrease year over year from 2013 to 2016.

**RESPONSE: (Do not edit or delete this line or anything above this. Start typing your response right BELOW Date.)**

**Prepared By: Stephen R. Colyer**

**Title: Sr. Director, Gas Operations & Services**

**Phone Number: 217-424-6933**

**Date: 08/04/2015**

The amount spent for other well expenses was \$670,000 in 2013, \$896,000 in 2014 and \$680,000 is forecasted for 2015.

The increase from 2013 to 2014 is primarily related to an increase in overtime labor costs experienced due to extreme winter conditions.

The decrease from 2014 to 2015 is primarily due to a decrease in overtime labor costs with a return to more typical winter conditions in 2015, as compared to the extreme winter conditions experienced in 2014.

The decrease from 2015 to 2016 is primarily due to a decrease in transportation loadings and forecasted union labor for other well expenses in 2016.