BEFORE THE CORPORATION COMMISSION

Received on

OF THE STATE OF KANSAS

SEP 07.2016

by State Corporation Commission of Kansas

IN THE MATTER OF THE APPLICATION OF KANSAS GAS SERVICE, A DIVISION OF ONE GAS, INC. FOR ADJUSTMENT OF ITS NATURAL GAS RATES IN THE STATE OF KANSAS

KCC Docket No. 16-KGSG-491-RTS

DIRECT TESTIMONY OF

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ANDREA C. CRANE

RE: REVENUE REQUIREMENTS

ON BEHALF OF

THE CITIZENS' UTILITY RATEPAYER BOARD

September 7, 2016

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Appendix A - List of Prior Testimonies

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1 I. STATEMENT OF QUALIFICATIONS

- 2 Q. Please state your name and business address.
- 3 A. My name is Andrea C. Crane and my business address is 16 Old Mill Road, Redding,
- 4 Connecticut 06896. (Mailing address: PO Box 810, Georgetown, Connecticut 06929)

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- Q. By whom are you employed and in what capacity?
- 7 A. I am President of The Columbia Group, Inc., a financial consulting firm that
- 8 specializes in utility regulation. In this capacity, I analyze rate filings, prepare expert
- 9 testimony, and undertake various studies relating to utility rates and regulatory
- policy. I have held several positions of increasing responsibility since I joined The
- 11 Columbia Group, Inc. in January 1989. I have been President of the firm since 2008.

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- Q. Please summarize your professional experience in the utility industry.
- A. Prior to my association with The Columbia Group, Inc., I held the position of
- Economic Policy and Analysis Staff Manager for GTE Service Corporation, from
- December 1987 to January 1989. From June 1982 to September 1987, I was
- employed by various Bell Atlantic (now Verizon) subsidiaries. While at Bell
- Atlantic, I held assignments in the Product Management, Treasury, and Regulatory
- 19 Departments.

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21 Q. Have you previously testified in regulatory proceedings?

1	A.	Yes, since joining The Columbia Group, Inc., I have testified in over 400 regulatory
2		proceedings in the states of Arizona, Arkansas, Connecticut, Delaware, Hawaii,
3		Kansas, Kentucky, Maryland, New Jersey, New Mexico, New York, Oklahoma,
4		Pennsylvania, Rhode Island, South Carolina, Vermont, Washington, West Virginia
5		and the District of Columbia. These proceedings involved gas, electric, water,
6		wastewater, telephone, solid waste, cable television, and navigation utilities. A list of
7		dockets in which I have filed testimony since January 2008 is included in Appendix
8		A.

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Q. What is your educational background?

11 A. I received a Master of Business Administration degree, with a concentration in
12 Finance, from Temple University in Philadelphia, Pennsylvania. My undergraduate
13 degree is a B.A. in Chemistry from Temple University.

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II. PURPOSE OF TESTIMONY

16 Q. What is the purpose of your testimony?

On or about May 2, 2016, Kansas Gas Service ("KGS" or "Company") filed an Application with the Kansas Corporation Commission ("KCC" or "Commission") seeking a distribution base rate increase of \$35.45 million, or approximately 15.0% over pro forma base rate revenue at present rates. The Company's filing includes rolling into base rates approximately \$7.46 million of revenues currently being

collected through the Gas System Reliability Surcharge ("GSRS") and a reduction in property tax expense that is currently being returned to customers in a \$1.60 million annual credit through the Ad Valorem Tax Surcharge Rider ("ATSR"). Thus, the net impact on customers of the Company's request would be a net rate increase of \$29.59 million, or approximately 12.5% over gas service base rate revenue at present rates. The Company's filing is based on a Test Year ending December 31, 2015.

The Columbia Group, Inc. was engaged by the State of Kansas, Citizens' Utility Ratepayer Board ("CURB") to review the Company's Application and to provide recommendations to the KCC regarding certain policy issues as well as the Company's revenue requirement claim. Dr. J. Randall Woolridge is filing testimony on behalf of CURB addressing cost of capital and capital structure issues. In addition, Glenn A. Watkins is filing testimony on behalf of CURB addressing rate design issues.

A.

Q. What are the most significant issues in this rate proceeding?

The most significant issue in this case is the Company's request to establish a Cost of Service Adjustment ("COSA") mechanism, which would result in a radical change in the underlying regulatory mechanism used to set utility rates to Kansas customers. This proposal will result in millions of dollars of rate increases to Kansas ratepayers and reduced regulatory oversight by the KCC.

The most significant accounting issues in the Company's filing are: a) the

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8	III.	SUMMARY OF CONCLUSIONS
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6		Company's request for a return on equity of 10.00%.
5		Company's proposed capital structure that includes 55% common equity, and f) the
4		depreciation rates that will significantly increase annual depreciation expense, e) the
3		c) inclusion of construction work in progress in rate base, d) proposed new
2		("OPEB") contributions in base rates, b) proposed increases in salary and wage costs,
1		Company's request to include a return on pension and other post-employment benefit

- 9 Q. What are your conclusions concerning the Company's revenue requirement and its need for rate relief?
- A. Based on my analysis of the Company's filing and other documentation in this case,
 my conclusions are as follows:
 - 1. The twelve months ending December 31, 2015, is an appropriate Test Year to use in this case to evaluate the reasonableness of the Company's claim.
- 2. As discussed by Dr. Woolridge, the Company has a cost of equity of 8.5% and an overall cost of capital of 6.23%, utilizing a capital structure consisting of 50% equity and 50% debt (see Schedule ACC-2).¹
- 3. KGS has pro forma Test Year rate base of \$896,524,542 (see Schedule ACC-3).

¹ Schedules ACC-1, ACC-31, and ACC-32 are summary schedules, ACC-2 is a cost of capital schedule, ACC-3 to ACC-8 are rate base schedules, and ACC-9 to ACC-30 are operating income schedules.

1	4.	The	Company	has	pro	forma	operating	income	at	present	rates	of
2		\$53,	597,098 (se	e Scl	nedul	e ACC-	9).					

- KGS has a pro forma revenue deficiency of \$3,700,300 (see Schedule ACC This is in contrast to the Company's claimed revenue requirement deficiency of \$35,446,665.
- 6. CURB's review of the Company's revenue requirement did not include an
 assessment of the Company's proposed depreciation rates. However, CURB
 reserves its right to adopt or oppose recommendations that may be made by
 other parties with regard to proposed depreciation rates. Any reduction to the
 depreciation rates contained in the Company's filing would result in a further
 decrease to CURB's recommended rate increase.
 - 7. The KCC should reject the Company's proposal to recover a return on pension and OPEB contributions from ratepayers.
 - 8. The KCC should deny the Company's request to implement the COSA.

Q. In evaluating the Company's case, have you generally attempted to maintain the integrity of the Test Year selected by KGS?

A. Yes, I have. The KCC utilizes a historic Test Year in order to calculate regulated utility rates. I am aware that in the past, the KCC Staff has frequently recommended updates to a utility's claim to reflect more recent data. As noted in cross-answering testimony that I have filed in several cases, I believe that the use of extensive updates

violates the principle that rates should be set based on the matching of revenues, expenses, and investment over a defined Test Year. Moreover, I believe that extensive updating also violates the historic Test Year concept and can result in rates being set on what amounts to a future Test Year. For these reasons, I have not attempted to update the Company's claim to reflect post-test year data, except in limited circumstances relating to labor-related costs and gas prices.

IV. COST OF CAPITAL AND CAPITAL STRUCTURE

Q. What is the capital structure and cost of capital that the Company is requesting in this case?

11 A. The Company utilized a capital structure consisting of 55% common equity. This is
12 the maximum equity percentage permitted to be reflected in the Company's capital
13 structure pursuant to the Settlement Agreement in KCC Docket No. 14-KGSG-10014 MIS, which resulted in the restructuring of KGS and the establishment of One Gas,
15 Inc., the current parent for KGS. As shown in Section 7 of the Company's filing,
16 KGS's cost of capital claim is composed of the following:

	Percentage	Cost	Weighted Cost
Long Term Debt	45.00%	3.955%	1.78%
Common Equity	55.00%	10.00%	5.50%
Total	100.00%		7.28%

- Q. Is CURB recommending any adjustments to this capital structure or cost of capital?
- A. Yes, as addressed by Dr. Woolridge in his testimony, CURB is recommending that the KCC set rates based on a capital structure consisting of 50% equity and 50% debt. In addition, CURB is recommending that the KCC authorize a return on equity of 8.50% for KGS.

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- Q. What is the overall cost of capital that CURB is recommending for KGS?
- 9 A. As shown on Schedule ACC-2, CURB is recommending an overall cost of capital for KGS of 6.23%, based on the following capital structure and cost rates:

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	Percentage	Cost	Weighted Cost
Long-Term Debt	50.00%	3.95%	1.98%
Common Equity	50.00%	8.50%	4.25%
Total	100.00%		6.23%

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Please see the testimony of Dr. Woolridge for a detailed discussion of CURB's cost of capital and capital structure recommendations.

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1 V. RATE BASE ISSUES

- 2 Q. What Test Year did the Company utilize to develop its rate base claim in this
- 3 **proceeding?**
- 4 A. The Company selected the Test Year ending December 31, 2015.

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- 6 Q. Are you recommending any adjustments to the Company's rate base?
- A. Yes, I am recommending several adjustments. Specifically, I am recommending adjustments to utility plant-in-service, accumulated depreciation, and gas storage inventory. In addition, I will address one issue relating to the impact of Net Operating Losses ("NOLs") on the Company's accumulated deferred income tax
- reserve, although I am not recommending a specific adjustment at this time.

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1. Utility Plant-In-Service

- 14 Q. How did the Company develop its claim for utility plant-in-service?
- 15 A. KGS began with its actual utility plant-in-service balance at December 31, 2015. The

 16 Company then made adjustments to include construction work in progress ("CWIP")

 17 and to include corporate assets that are allocated to KGS from ONE Gas, Inc. KGS

 18 also made adjustments to remove certain assets that are not used and useful in the

 19 provision of utility service, to reflect certain retirements associated with CWIP, and

 20 to remove plant associated with Compressed Natural Gas ("CNG") operations that

 21 are used to provide service to the public.

Q. What adjustment are you recommending to the Company's utility plant-inservice claim?

A. The Company's utility plant-in-service claim includes CWIP of \$13,048,927 as shown in Section 3, Schedule 3-C, page 1 of the filing. I am recommending that the Commission reduce the Company's claim for CWIP by \$2,479,307, which is the amount of CWIP that was not commenced and completed by June 30, 2016.

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Q. What is CWIP?

10 A. CWIP is plant that is under construction but which has not yet been completed and
11 placed into service. Once the plant is completed and serving customers, then the
12 plant is booked to utility plant-in-service and the utility begins to take depreciation
13 expense on the plant.

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Q. How did KGS develop its claim for CWIP in this case?

A. KGS included in rate base all of its CWIP as of December 31, 2015, the end of the Test Year.

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Q. Do you believe that CWIP is an appropriate rate base element?

20 A. No, I do not believe that CWIP is an appropriate rate base element. CWIP does not represent facilities that are used or useful in the provision of utility service. In

addition, including this plant in rate base violates the regulatory principle of intergenerational equity by requiring current ratepayers to pay a return on plant that is not providing them with utility service and which may never provide current ratepayers with utility service. However, I understand that the inclusion of CWIP in rate base is governed by statute.²

K.S.A. 66-128 provides for the KCC to determine the value of the property included in rate base. The statute generally requires that "property of any public utility which has not been completed and dedicated to commercial service shall not be deemed to be used and required to be used in the public utility's service to the public." However, the statute also provides that certain property "shall be deemed to be completed and dedicated to commercial service" under certain circumstances. Specifically, K.S.A. 66-128(b)(2) provides that,

Any public utility property described in subsection (b)(1) shall be deemed to be completed and dedicated to commercial service if: (A) construction of the property will be commenced and completed in one year or less; (B) the property is an electric generation facility that converts wind, solar, biomass, landfill gas or any other renewable source of energy: (C) the property is an electric generation facility or addition to a facility is placed in service on or after January 1, 2001; or (D) the property is an electric transmission line, including all towers, poles and other necessary appurtenances to such lines, which will be connected to an electric generation facility.

Q. Did the Company demonstrate that the CWIP included in its rate base claim

² I am not an attorney and my discussion of the CWIP statute is not intended as a legal interpretation of that statute, but rather provides my understanding of the statute from a ratemaking perspective.

meets the criteria outlined in the statute?

A. No, it did not. KGS included all of the CWIP balance as of December 31, 2015 in its rate base claim, regardless of when the investment was first incurred and regardless of the actual (or projected) in-service date. Therefore, KGS did not attempt to demonstrate that each project included in its CWIP claim met the requirement that the project commenced and was completed within one year.

A.

Q. What do you recommend?

I recommend that the KCC limit CWIP to those projects that were in-service by June 30, 2016. Since KGS did not demonstrate that its claim for CWIP met the requirements of the Kansas statute, the KCC may chose to eliminate all CWIP from the Company's rate base claim. However, it would be reasonable to assume that CWIP at the end of the Test Year represents projects started throughout the previous twelve-month period, or on average by June 30, 2015 the midpoint of the Test Year. Based on this assumption, projects completed by June 30, 2016 would meet the one year requirement for inclusion in rate base as required by the statute. Therefore, I have included in rate base costs for projects that the Company reported as being completed by June 30, 2016. My adjustment is shown in Schedule ACC-4.

In addition, on Schedule ACC-5, I also made an offsetting adjustment to reduce the Company's claim for associated retirements. KGS included an adjustment to reduce utility plant in service by \$2,281,551 to reflect the retirements of plant

associated with CWIP projects. The Company's adjustment to retirements was based on an average retirement ratio of 17.48%. Since I am recommending that the KCC reduce the Company's CWIP claim, it is appropriate to make a corresponding adjustment to reduce its associated claim for retirements. Therefore, at Schedule ACC-5, I have made an offsetting adjustment to reduce the Company's claim for retirements, based on my recommended CWIP adjustment and on the Company's retirement factor of 17.48%.

A.

Q. Did you also make an adjustment to eliminate CWIP that was included in the Company's claim for corporate plant allocated to KGS from One Gas?

Yes, I did. KGS included \$61,525,376 of corporate assets allocated to KGS from One Gas in its rate base claim. This included \$1,889,690 of CWIP. At Schedule ACC-6, I have made an adjustment to eliminate CWIP that was not yet completed and in-service by June 30, 2016. Since the corporate adjustment did not include an offset to retirements, I did not include any adjustment to retirements associated with my corporate plant adjustment.

B. Accumulated Depreciation

Q. How did the Company develop its claim for accumulated depreciation?

A. The Company's claim for accumulated depreciation is based on its balance for accumulated depreciation at December 31, 2015, adjusted to include accumulated

depreciation on corporate assets allocated to KGS, and reduced by retirements and accumulated depreciation on plant that is not used and useful in the provision of utility service. Since I have reflected an adjustment to utility plant-in-service to reduce the Company's claim for retirements associated with CWIP, it is necessary to make a corresponding adjustment to accumulated depreciation. Therefore, at Schedule ACC-7, I have decreased the Company's accumulated depreciation reserve to reflect the impact of my adjustment to retirements, discussed earlier in the prior section of this testimony.

Q. Does your adjustment to the reserve for depreciation impact the Company's overall rate base?

12 A. No, it does not. Since my adjustment to the depreciation reserve is offset by a

13 retirement adjustment to utility plant-in-service, there is no net impact on rate base.

14 However, there is an impact to the Company's pro forma depreciation expense, as

15 discussed later in my testimony.

C. Gas Storage Inventory

18 Q. How did the Company develop its rate base claim for gas storage inventory?

19 A. The Company's claim is based on a 13-month average from December 2014 to December 2015, as shown in Section 6, Schedule 6-B, of the Company's filing.

Are you recommending any adjustment to the Company's claim? Q. 1

A. Yes, I am recommending that the Commission update the gas storage inventory balance to reflect the most recent 13-month average at June 30, 2016. The Company's gas storage inventory is dependent upon two factors – the volume of gas in storage each month and on the unit price for that gas. The unit price of gas in storage has continued to decline since the beginning of the Company's Test Year. The Company's claim is based on a 13-month average of \$30,779,589. However, as 7 shown in the response to KCC-338, the 13 month average at June 30, 2016 was only \$27,204,001. Moreover, by June 30, 2016, the Company's total gas in storage amounted to only \$19,522,960. Therefore, reflecting the 13-month average of \$30,779,589 would clearly overstate the current gas storage inventory and result in the Company's shareholders earning a higher return than is required to support the Company's investment in gas storage inventory. 13

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Q. How has the average of gas storage inventory changed over the past ten years?

As shown in the response to KCC-338, the Company's gas storage inventory has A. 16 17 continuously declined over this period, as shown below:

Period	Gas Storage Inventory
Ten Years, 2006-2015	\$54,802,065
Five Years, 2011-2015	\$37,840,365
Test Year 2015	\$30,779,589
13 Months Ending June 30, 2016	\$27,204,001
June 30, 2016 Balance	\$19,522,960

I recommend that the KCC reflect a gas storage inventory level of \$27,204,001. Based on the continuing decline in gas storage inventory balances, the most recent 13-month average is more appropriate than the Test Year average included in the Company's rate base claim. I do not recommend that the KCC adopt the June 30, 2016 balance of \$19,522,960, since a one-month balance does not provide sufficient data with regard to either volumes or price fluctuations. My adjustment is shown in Schedule ACC-8.

A.

D. Accumulated Deferred Income Taxes

Q. Please describe the Company's deferred income tax adjustments relating to Net Operating Losses ("NOLs").

Deferred income taxes arise because there is a timing difference between when the Company records certain costs for ratemaking purposes and when it reflects the cost as a deductible expense on its income tax return. These timing differences are aggregated in a deferred tax reserve, which is generally included in rate base. The deferred tax reserve is usually a liability for the Company, i.e., generally the Company gets to take a tax deduction prior to the cost being reflected in utility rates, and therefore the deferred tax reserve represents a tax benefit that ratepayers receive through a rate base reduction. However, when a company does not have sufficient positive taxable income, then it cannot take full advantage of all of its income tax deductions. In that case, a company may have an NOL that it can carry over to offset

positive taxable income in future years. In calculating deferred income taxes, the IRS does not permit utilities to give ratepayers the benefit of deferred taxes associated with tax benefits that have not yet been utilized by the taxpayer. Therefore, the NOL may necessitate a deferred income tax adjustment in order to match the deferred income taxes reflected in rate base with the deductions that have actually been utilized by a tax paying entity.

As shown in Section 6, Schedule 6-D to the Company's filing, at December 31, 2015, KGS had accumulated deferred federal and state income taxes of \$370,607,951, offset by an NOL of \$65,469,542. In its filing, KGS reduced both its accumulated deferred income tax reserve balance (by \$51,778,325) and its NOL offset (by \$25,612,745) to remove the impact of timing differences relating to recovery of pension and OPEB costs. These adjustments were made because the KCC has previously ruled that such timing differences should not be reflected in rate base, as will be discussed in more detail in the pension/OPEB section of my testimony. However, the Company's rate base claim still includes almost \$40 million of an NOL offset relating to tax benefits that the Company has not yet utilized. This NOL reduces the Company's accumulated deferred income tax reserve and therefore increases rate base by this amount.

Q. How does KGS file its income taxes?

21 A. It is my understanding the KGS files its income taxes as part of a consolidated One

Gas income tax group. Moreover, the actual NOL available to the consolidated income tax group is smaller than the NOL offset recorded on the books of KGS. As shown in the response to CURB-112, the entire NOL available to the consolidated income tax group is only \$26.9 million. This means that the other members of the consolidated group have utilized at least some of these KGS NOLs without compensating the utility or its customers for these tax benefits.

A.

Q. Why is the Company claiming an NOL offset that is greater than the entire NOL of the consolidated income tax group?

The NOL that the Company reflects in rate base is based on a stand-alone income tax calculation. However, accumulated deferred income taxes are adjusted when a taxpayer has an NOL because of the IRS regulation limiting deferred taxes to those tax deductions that have already been utilized. In this case, a significant portion of the relevant tax deductions <a href="https://doi.org/10.2007/jax.2007

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- Q. Is it common for consolidated income tax group members to utilize tax losses generated by other group members?
 - Yes, it is. The general practice is for group members that generate tax losses that are used by the consolidated group to be compensated for those losses. Thus, to the extent that the consolidated tax group is using tax losses generated by KGS, then KGS should be paid for those tax losses, which in turn would reduce the deferred income tax asset (i.e., the NOL offset) on KGS's books. In response to discovery in this case, the Company confirmed that it does not have a tax sharing agreement and therefore the utility is not being compensated for the use of these tax benefits, although it also acknowledged that the deferred tax asset would be reduced if payments from the tax loss companies had been made to KGS.³ The result is that ratepayers are forced to pay higher rates because the Company's rate base includes a deferred tax asset relating to NOLs that have already been utilized by the consolidated income tax group. While I have not yet reflected an adjustment in my revenue requirement recommendation, KGS should fully explain, in its Rebuttal Testimony, why the other consolidated group members are not compensating KGS, and its ratepayers, for the use of these tax losses. Otherwise, I recommend that the KCC reduce the Company's deferred tax asset to reflect the impact of the losses that have been utilized by other group members.

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³ See the responses to CURB-117, CURB-118, and CURB-119.

E. Rate Base Summary

2 Q. What is the impact of all of your rate base adjustments?

A. My recommended adjustments reduce the Company's rate base claim from \$902,967,731 as reflected in its filing, to \$896,524,542, as summarized on Schedule ACC-3.

A.

VI. OPERATING INCOME ISSUES

A. Salary and Wage Expense

Q. How did the Company determine its salary and wage expense claim?

As discussed by Lorna Eaton on pages 13-14 of her testimony, KGS annualized its payroll costs to reflect payroll increases effective December 31, 2015 for non-union employees. In addition, the Company annualized payroll increases projected for July 1, 2016 and November 1, 2016 for its bargaining unit employees. The Company also annualized "costs of employees terminating and transferring employment during the test period and for known changes through December 2015." KGS's salary and wage adjustment of \$2,364,771 includes additional payroll costs of \$2,061,250. In addition, the Company's adjustment includes FICA taxes, 401K costs, and incremental retirement plan costs associated with its salary and wage adjustment. The Company made similar adjustments to annualize corporate payroll costs allocated to KGS to reflect increases effective December 31, 2015 and to reflect additional employees.

Q. Are you recommending any adjustments to the Company's salary and wage claim?

A. Yes, I am recommending three adjustments. Two of my adjustments apply to KGS payroll costs and the third adjustment relates to corporate costs allocated to KGS.

First, in the response to KCC-275, KGS updated its payroll cost adjustment (Adjustment IS-23) to reflect annualized payroll costs based on actual employees at June 30, 2016. As I have testified in prior cases, I oppose including costs for vacant positions in a utility's pro forma revenue requirement. It is normal and customary for companies to have unfilled positions at any given time as a result of terminations, transfers, and retirements. If utility rates are set based on a full complement of employees, and if these employee positions remain vacant, then ratepayers will have paid rates that are higher than necessary, to the benefit of shareholders. Therefore, when setting rates, I recommend that the KCC consider the fact that, at any given time, some positions are likely to be vacant. Using updated positions at June 30, 2016 addresses this concern. Therefore, at Schedule ACC-10, I have made an adjustment to reflect the Company's updated KGS payroll adjustment through June 30, 2016, based on its response to KCC-275.

Second, the updated payroll adjustment provided in response to KCC-275 included three labor increases. First, it annualized non-union increases that were effective December 31, 2015. Second, it annualized increases for some bargaining

units that were effective July 1, 2016. Third, it annualized increases for some bargaining units that are projected to be effective November 1, 2016. While I have included the December 31, 2015 and July 1, 2016 increases in my revenue requirement, I recommend that the increases projected for November 1, 2016 be disallowed.

A.

Q. What is the basis for your adjustment?

My adjustment is based on two factors. First, these increases are simply too far beyond the end of the Test Year in this case, which ended on December 31, 2015. Including a change in payroll costs that won't occur until November 1, 2016 results in a serious distortion of the regulatory triad and should be rejected on that basis alone. In addition, the proposed November 1, 2016 increase is not known or measurable. This increase is not mandated in a current union contract – instead the contract is currently being negotiated. Therefore, not only does this increase extend too far past the end of the Test Year, but in addition it is speculative and does not meet the standard for a post-test year adjustment. Accordingly, in Schedule ACC-11, I have made an adjustment to remove the November 1, 2016 increase from the Company's pro forma revenue requirement.

Q. What adjustment are you recommending to the Company's corporate payroll costs?

A.

Similar to my earlier discussion regarding the Company's inclusion of vacant positions in its payroll cost claim, I have similar concerns about the corporate payroll costs included in the Company's filing. In response to KCC-285, the Company updated its proposed adjustment to reflect actual employees at June 30, 2016, as well as annualized payroll increases that were effective December 31, 2015. Consistent with my earlier KGS adjustment, I recommend that the June 30, 2016 updated corporate labor costs be utilized. Unlike the KGS labor costs, the corporate labor update does not reflect any speculative 2016 labor increases. At Schedule ACC-12, I have made an adjustment to include the updated corporate labor cost adjustment in my revenue requirement recommendation. While the earlier KGS labor update resulted in a decrease to the Company's revenue requirement, the corporate labor update results in an increase to the revenue requirement. My adjustment also includes the associated payroll taxes, 401K costs, and incremental retirement plan costs.

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B. Incentive Compensation Expense

Q. Please describe the Company's incentive compensation programs.

The Company has several incentive awards plans. First, as described in the response to KCC-63, the purpose of the Short-Term Incentive Plan ("STIP") is to provide eligible employees "...with a direct financial interest in the performance and profitability of the Company, and particular business units thereof, and to reward

performance in employment with the Company." All regular, full-time active non-bargaining unit employees are eligible for the STIP, unless they participate in other designated annual cash incentive plans. As noted in its 2015 Proxy Statement at page 42, 75% of the 2015 STIP target was based on financial parameters, namely diluted earnings per share ("EPS"). The remainder of the 2015 STIP target was split between two safety parameters – the total recordable incident rate ("TRIR") and the preventable vehicle incident rate ("PVIR"). Thus, 75% of the STIP was based on earnings-per-share criteria.

Participants in the STIP can earn up to 200% of the targeted payout, depending on the actual parameters achieved. For example, in 2015, the actual payout was 161.5% of target, as shown on page 42 of the 2015 Proxy Statement. The vast majority of the 2015 payout was directly related to the earnings per share benchmark, accounting for 138.3% of the 161.5% payout rate. The PVIR accounted for 15.5%, above the 12.5% target. However, the TRIR did meet its target, and consequently contributed just 7.7% to the overall performance payout instead of the 12.5% target.

The STIP also has an individual performance modifier so these results are further impacted by individual performance. For the Named Executive Officers ("NEOs") identified in the 2015 Proxy Statement, the individual modifiers ranged from 98% to 107% based on individual performance.

In addition to the STIP, KGS also offers two long-term incentive programs

("LTIP"), a performance share unit ("PSU") award and a restricted stock unit ("RSU") award. The purpose of these awards is "(a) to provide competitive incentives that will enable the Company to attract, retain and reward eligible Employees and Non-Employee Directors of the Company and its Subsidiaries, and (b) to give eligible Employees and Non-Employee Directors an interest parallel to the interests of the Company's shareholders generally." (emphasis added). The Company goes on in its Proxy Statement to state that "...PSUs provide incentives to our executives that align their interests and performance with that of our shareholders through increased share ownership...RSUs promote retention, increase long-term equity ownership, and further promote the alignment of our executives' interests with those of our shareholders." Participation in the LTI Plan is limited to those Employees and Directors deemed eligible by the Executive Compensation Committee of the One Gas Board of Directors. There are currently approximately 78 individuals that participate in the LTIP plan.

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Q. What is the performance metric used to make awards under the Company's

LTIP?

A.

As discussed on pages 11-12 of Ms. Kern's testimony, the PSU awards are based on One Gas's three-year total shareholder return relative to the total shareholder return of a designated group of 12 peer utility companies. Thus, the size of these awards depends upon both the earnings of One Gas as well as on the earnings of other

1	utilities. The actual payout of the PSU awards can be up to 200% of the amount
2	originally awarded, depending on the TSR of One Gas relative to the TSR of the peer
3	group. The RSUs have a three-year vesting period and are not based on performance
4	metrics.

6 Q. How much is included in the Company's pro forma expense claim relating to incentive compensation plans?

A. The Company included an adjustment to remove the STIP award in excess of 100% from its revenue requirement claim but included the actual Test Year LTIP awards in its claim. According to the Company's response to CURB-26, KGS included approximately \$4.1 million in STIP awards and \$2.3 million in LTIP awards in its filing.

A.

Q. Do you believe that it is appropriate to recover these incentive award costs from ratepayers?

No, I do not. I have several objections to programs that recover incentive compensation costs from ratepayers, especially in the manner implemented by KGS. Providing employees with a direct financial interest in the profitability of the Company is an objective that benefits shareholders, but it does not benefit ratepayers. Both the STIP and the LTIP awards are heavily weighted toward corporate financial performance, with the former being weighted 75% on financial performance and the

latter being 100%-related to either financial performance measures or to time spent with the Company, but in both cases the LTIP is designed to align the interests of the recipient with those of shareholders. Incentive payment awards that are based largely on earnings criteria may violate the principle that a utility should provide safe and reliable utility service at the lowest possible cost. This is because these plans require ratepayers to pay higher compensation costs as a consequence of high corporate earnings, a spiral that does not directly benefit ratepayers, but does benefit shareholders and the management to whom such awards are granted. Moreover, such plans typically provide a disproportionate benefit to shareholders and the upper management personnel responsible for establishing such awards. Finally, awards solely or primarily based on improving shareholder earnings should not be included in rates because they are not a necessary component of the cost of serving customers and may actually provide incentives to employees to become less customer-focused.

It is especially egregious to ask Kansas ratepayers to fund significant incentive award payments for well-paid executives while many of these ratepayers are struggling to provide an adequate living for their families. In addition, it seems inconsistent to reward executives with large incentive award payments tied to corporate earnings while at the same time arguing that shareholders require a significant rate increase in order to earn a reasonable rate of return.

Incentive compensation plans tied to corporate performance result in greater enrichment of company personnel as a company's earnings reach or exceed targets

that are predetermined by management. It should be noted that it is the job of regulators, not the shareholders or company management, to determine what constitutes a just and reasonable rate of return award to shareholders in a regulated environment. Regulators make such a determination by establishing a reasonable rate of return award on rate base in a base rate case proceeding.

Allowing a utility to charge for additional return that is then distributed to employees as part of some plan to divide extraordinary profits violates all sense of fairness to the ratepayers of the regulated entity. It is certain to result in burdensome and unwarranted rates for its ratepayers, and also violates the principles of sound utility regulation, particularly with regard to the requirement for "just and reasonable" utility rates.

A.

Q. What would be the appropriate response by the KCC if the earnings of KGS were in excess of its authorized rate of return?

If the KCC determined that these excess earnings were expected to continue, the appropriate response would be to initiate a rate investigation, and, if appropriate, to reduce the utility's rates.

- Q. Doesn't the Company base its compensation on the level of compensation offered by comparable companies?
- 21 A. Yes, it does. As stated by Ms. Kern at page 3 of her testimony, "One Gas targets the

median (50th percentile) of the local market and peer companies in the locations in which it provides service." However, targeting compensation to the 50th percentile of an industry peer group can put compensation on a continuing upward spiral as each company that falls below the mean or median attempts to increase its position among its peers. For that reason, awards that rely upon industry peer groups can result in inflated salaries that continue to escalate as the companies below the average attempt to raise their standings in the group.

In addition, while Ms. Kern testified extensively about industry surveys used to evaluate One Gas compensation levels, she failed to address the extent to which other utilities recover incentive compensation costs from ratepayers. In this period of increasing compensation expense, especially with regard to corporate officers and other executives, more regulatory commissions are limiting or eliminating the recovery of incentive compensation costs from utility rates, especially for officers.

Q. Has the KCC limited the recovery of incentive compensation costs in prior cases?

A. Yes, it has. In KCC Docket No. 10-KCPE-415-RTS ("415 Docket"), the KCC found that "[i]ncentive compensation awards tied to the Company's financial interest will improve the profitability of the company and, as a result, benefit shareholders more than ratepayers." The KCC also found that "relying upon the median of peer group

⁴ KCC Order in KCC Docket No. 10-KCPE-415-RTS, November 11, 2010, page 46.

statistics for a benchmark to determine appropriate incentive compensation amounts can result in a continuing upward spiral as each company seeks to increase their position among peers."⁵ In that case, the KCC eliminated certain incentive compensation costs that it found were directly related to financial performance metrics.

A.

Q. What are you recommending in this case?

While I continue to believe that all incentive compensation costs should be borne by shareholders, in the 415 Docket the KCC generally limited its disallowances to incentive compensation costs that were driven by financial criteria that benefitted shareholders, finding that such costs should be borne by those shareholders. Thus, in this case, I am recommending disallowance of 75% of STIP costs and 100% of LTIP costs. With regard to STIP costs, my recommendation is based on the fact that 75% of the awards are based on financial criteria, i.e., EPS. With regard to the LTIP awards, 100% of the awards relate to financial criteria, i.e., total shareholder return, or vest automatically with no performance criteria. Moreover, the financial parameters used by the LTIP compare One Gas's relative TSR to the TSR of other utilities. Therefore, allowing these costs to be recovered in utility rates would make Kansas gas rates dependent not only on the financial performance of One Gas, but also on the financial performance of unrelated gas companies, including companies

⁵ Id.

in other jurisdictions. Moreover, as mentioned previously, the explicitly stated purpose of making such awards to officers and select employees is to "align their interests and performance with that of our shareholders...." Accordingly, at Schedule ACC-13, I have made an adjustment to eliminate 75% of the costs for the STIP awards, while in Schedule ACC-14, I have eliminated 100% of the costs of the LTIP awards. This recommendation will require the Board of Directors to establish incentive compensation plans that shareholders are willing to finance. As long as ratepayers are required to pay 100% of the costs of these incentive plans, then there is no incentive for management to control these costs. This is especially true because it is the managers of the Company who primarily benefit from these plans.

A.

C. Pension and Other Post Employment Benefit ("OPEB") Sharing Expense

Q. How did the Company develop its pension and OPEB expense claims in this case?

In Docket No. 10-KGSG-130-ACT ("130 Docket"), the Company received authorization to establish two tracking mechanisms for its pension/OPEB costs. Specifically, the KCC authorized the Company to establish Tracker 1 to record the difference between its annual pension/OPEB expense pursuant to Generally Accepted Accounting Principles ("GAAP") and the annual expense collected in rates. The KCC authorized the Company to amortize the associated regulatory asset or liability over a period not to exceed five years in the Company's next base rate case. In

addition, the KCC authorized the Company to establish Tracker 2, a regulatory asset or liability to accumulate the difference between the current year pension/OPEB contributions made by the Company and the current year GAAP pension/OPEB costs. Both trackers were approved effective January 1, 2009. The Order in the 130 Docket stated that neither tracker would be included in rate base in the Company's next base rate case nor would either tracker accrue carrying charges. While the 130 Docket was being litigated, the KCC was also involved in a generic proceeding examining similar issues.

In the current case, KGS is proposing several adjustments relating to its pension and OPEB costs. First, it is proposing that the Test Year amortizations of the prior pension and OPEB deferrals recorded in Tracker 1 be eliminated. Second, it is proposing that the current deferred pension and OPEB balances related to Tracker 1 be amortized over a three-year period. Third, it is proposing adjustments to its annual pro forma pension and OPEB costs based on updated actuarial studies. Fourth, it is proposing that the tracking and deferral mechanism approved in the 130 Docket be terminated prospectively, and that in the future pension and OPEB costs be recovered in base rates similar to the way that other operating expenses are recovered. Fifth, the Company is proposing that it be permitted to "include pension and OPEB assets and liabilities as a component of rate base in future rate proceedings." Finally, it is requesting that the KCC authorize shareholders to retain

⁶ Application, paragraph 5.

two-thirds of what it terms	"savings"	related to	funding of the	e pension	and OPEB
plans.					

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Are you recommending any adjustments to the Company's proposals with Q. regard to pension and OPEB costs? 5

I am not recommending any adjustments to its proposals to eliminate the prior period Tracker 1 amortization or to begin amortization of the current Tracker 1 balances over three years. Nor am I recommending any adjustment to its proposed pro forma annual pension or OPEB expense claims.

With regard to the Company's proposal to terminate its Tracker 1 mechanism, it is not clear to me if this proposal is tied to the proposed COSA mechanism, in which there would be a true-up of all operating expenses subject to an annual 4% cap, as discussed below, or if this proposal is independent of the Company's proposal regarding the COSA mechanism. As discussed later in my testimony, I am opposed to the Company's proposed COSA mechanism and I recommend that it be rejected by the KCC. However, I am not opposed to the termination of Tracker 1 and the recovery of these costs through the normal base rate case ratemaking process, provided that this proposal is not tied to adoption of the COSA mechanism.

I am opposed to the Company's proposal that it be permitted to include pension and OPEB assets and liabilities as a component of rate base in future rate proceedings. In addition, I am also vigorously opposed to the Company's proposal to "share" savings that it alleges are generated by contributions to the pension and OPEB funds.

Q. How is pension cost determined for ratemaking purposes?

A. Most state regulatory commissions, including the KCC, utilize the accrual methodology set forth in Statement of Financial Accounting Standard ("SFAS") 87⁷.

This is the methodology that is required to be used for financial reporting purposes under GAAP. This pronouncement was issued by the Financial Accounting Standards Board ("FASB") in December 1985. This methodology requires a company to accrue pension costs over the working life of the employee.

Under SFAS 87, each year, a company's annual pension cost is calculated. This calculation determines the amount of pension cost that must be recognized for financial reporting purposes, based on numerous factors. The calculation considers the accumulated amount that should have been accrued at the present time based on the demographics of a company's employees, the age at which such employees are likely to retire, the expected future return on pension plan assets, assumptions regarding future payroll levels, assumptions regarding an appropriate discount rate, and other factors. When calculating the annual pension cost, certain gains and losses are amortized over a multi-year period. This amortization helps to mitigate

⁷ The Financial Accounting Standards Board has now reclassified its pronouncements into Accounting Standards Codification ("ASC") categories. SFAS 87 is now identified as ASC-715. In this testimony, I will continue to refer to SFAS 87.

significant fluctuations that can occur from year-to-year in pension fund earnings, as well as variations associated with changes in underlying assumptions.

Thus, the calculation of the pension cost is a snapshot at a point in time. It is impacted by what has happened in the past as well as what is expected to happen in the future. In addition, there is a gradual true-up of past estimates with actual results over time. Pursuant to SFAS 87, a pension cost can be either positive or negative. If it is positive, then the pension plan is under-funded at a given point in time from an actuarial perspective and additional amounts must be accrued. In that case, ratepayers are required to provide for additional recovery of costs in rates. If the pension cost is negative under SFAS 87, then the plan is over-funded at a given point in time, i.e., the accumulated annual accruals exceed the amount required pursuant to SFAS 87, and ratepayers receive a credit in cost of service due to the fact that the pension cost was higher than necessary in prior years.

The actual cash funding of the plan, i.e., the amount of cash contributions to the dedicated trust that must be made by a company, is governed by the requirements of the Employee Retirement Income Security Act ("ERISA"), the Pension Protections Act ("PPA") of 2006, and Internal Revenue Service ("IRS") regulations. The minimum pension plan contribution that must be made each year is determined pursuant to ERISA and the PPA, while the IRS determines the maximum amount of any contribution that is deductible for income tax purposes.

Many factors influence a company's decision with regard to pension funding,

including tax considerations, the availability of cash, and a company's financial position. Thus, a utility's funding decisions are dependent, at least in part, on its ability to manage its earnings and/or to minimize its tax expense. Ratepayers should not be penalized as a result of pension funding decisions made by Company management, especially when those decisions are based on tax avoidance policies or other motives. Rather, utility rates should be based solely on the annual cost of pension benefits approved by the KCC pursuant to SFAS 87. It should be noted that while this discussion has focused on pension costs, OPEB costs are determined in a similar manner, and my recommendations extend to OPEB costs as well as to pension costs.

A.

Q. Is the Company's proposal to include pension and OPEB assets and liabilities as a component of rate base in future rate proceedings related to its shared savings proposal?

Yes, it is. While the Company attempts to distinguish these two issues, in fact they both relate to Tracker 2, the tracker authorized in the 100 Docket. A similar Tracker 2 mechanism was also authorized in KCC Docket No. 07-GIMX-1041-GIV ("1041 Docket"), which was the *Generic Investigation into Commission Policy Regarding Pension and Retirement Costs for Investor-Owned Utilities*. As stated on page 5 of the Staff Report and Recommendation filed in the 1041 Docket:

The utilities' discretion can be used to manipulate the timing of contributions to achieve maximum return in conjunction with the timing of the rate cases.

Furthermore, the timing and amount of contribution of the retirement trust fund is a corporate financial decision. This decision is influenced by factors such as tax considerations and the availability of alternative investments that are unrelated to how the pension obligation is incurred.

Therefore, in the 1041 Docket, Tracker 2 was also excluded from rate base and no return was earned on Tracker 2 balances.

Given the current low interest rate environment, the funding of pension and OPEB plans can become a very lucrative business for utilities. If the Kansas utilities were permitted to include pension and OPEB assets in rate base, companies could borrow funds at 2-3%, invest these funds in the pension and OPEB plans, and then charge ratepayers returns at the overall requested return on capital, in this case at 7.28%, resulting in a windfall for the Company and its shareholders. As shown in the response to KCC-317, since 2009 the Company has had wide discretion with regard to annual funding of the pension and OPEB plans. For example, in 2012, the minimum funding requirement for its pension fund was \$0, while the maximum contribution deductible for tax purposes was \$28.48 million. Utility rates should not be subject to this wide discretion given to utility management on funding decisions regarding pension and OPEB plans.

While the Company is not specifically requesting inclusion of a pension or OPEB asset or liability in rate base in this case, it is requesting authorization to include such a component in rate base in future cases. Moreover, its request for shareholders to retain two-thirds of "shared savings" relating to pension and OPEB

funding is equivalent to permitting the Company to include a portion of a pension and OPEB asset in rate base. In addition to my general concerns regarding the inclusion of a pension or OPEB asset or liability in rate base, I also have specific concerns regarding the shared savings proposal put forth by the Company in this case.

A.

Q. What are your specific concerns about the Company's "shared savings" proposal in this case?

I have numerous concerns. First, I have general concerns about the overall calculation of the "shared savings" adjustment proposed by KGS. The Company's adjustment is based on the projected Tracker 2 balance at December 31, 2016, which is projected to total \$65.32 million for pension and OPEB funding combined. KGS has reflected an annual return of 7.75% on this balance, which is the projected return on plan assets, for an annual "savings" amount of \$5.06 million. It then proposes that two-thirds of this amount, or \$3.37 million, be retained by shareholders, and it has increased its revenue requirement by this amount.

As shown in the Company's workpapers, the Tracker 2 Balance has actually declined since the Company's last base rate case. Moreover, no contributions have been made to the pension fund since 2012, the Test Year in the Company's last base rate case. Thus, the Tracker 2 that the Company now seeks to earn a return on was accrued prior to rates being established in the last case. Therefore, the current

Tracker 2 balances are not the result of any unforeseen recent events that impacted the funding of the pension or OPEB funds.

Second, the rate of 7.75% requested by the Company is a projected market return on plan assets. While this is the rate used in the Company's actuarial reports to project market returns on the funds, actual returns may be higher or lower. As shown in the response to CURB-48, actual market returns since 2003 have ranged from a gain of 26.25% to a loss of 29.35%. More importantly, ratepayers bear the risk of market returns falling below expectations. This is because in the SFAS 87 formula used to determine annual pension cost, the actual market value of the fund is one component used in the calculation. So when market returns fall below expectations, annual pension costs pursuant to SFAS 87 are higher than they would otherwise be, with the higher annual pension costs being recovered from ratepayers.

The variances in market returns is another reason why the KCC should deny any request to include a pension or OPEB asset or liability in rate base. Funding pension and OPEB plans at higher than minimum levels may not always be beneficial. For example, in 2008, the KGS plan lost 29.3% of market value, which amounted to a loss of \$147.8 million. If the Company had invested less prior to 2008, its exposure would have been less when those losses occurred. Other losses were incurred in 2011 and 2015. This history demonstrates that it is not always beneficial to have a well funded plan, because in years when the market falls, the loss to ratepayers is even greater than it would otherwise be.

Third, I am baffled by Mr. Smith's statement on page 12 of his testimony that the savings generated by funding of the pension and OPEB plans "were not contemplated". Surely Mr. Smith, as Vice President, Treasury of One Gas, is familiar with the formula used to calculate pension and OPEB costs pursuant to GAAP. It is inconceivable that the Company was unaware of the impact of funding decisions on the determination of annual pension and OPEB expense under GAAP when it made those funding decisions.

Finally, I believe that the Company's proposal is disingenuous. I participated in the 100 Docket, as well as in the 1041 Docket, on behalf of CURB. CURB anticipated that the utilities might seek to include a pension or OPEB asset in rate base, turning the funding of these plans into a profit center for the utilities. We were assured at that time that while the Tracker 2 mechanism was necessary to meet the requirements of the auditors, the utilities would not seek to include a return on Tracker 2 in utility rates. It was only with this assurance that CURB agreed to the Tracker 2 mechanism. Therefore, on behalf of CURB, I feel somewhat duped now that we are presented with a request to include a pension and OPEB asset or liability in rate base in future cases. It should be noted that when SFAS 87 was first adopted, many companies found themselves with pension funds that were over-funded relative to the pension costs incurred for financial reporting purposes. It is only over the past few years, as stock market returns have become more volatile and as pension funding mandates have been tightened, that companies have found it necessary to make large

cash contributions to their pension funds. In fact many companies did not make any cash contributions to their funds for many years after the adoption of SFAS 87. Thus, these companies would have been required to include a reduction to rate base under the Company's proposed methodology. I am not aware of any Kansas company that proposed such a rate base reduction relating to the over-funding of pension plans during this period. It is only now, given the requirement to make cash contributions, that some utilities have suddenly decided that a rate base adjustment is appropriate.

A.

Q. Do you also have concerns about allocating two-thirds of any "shared savings" to shareholders?

Obviously, the Company's proposal allocates more of the "shared savings" to shareholders than to ratepayers. Ordinarily, I would be concerned about an allocation percentage that favored shareholders over ratepayers. However, in this case, there are so many flaws with the basic concept of the Company's shared savings proposal that I don't believe it is necessary to even address the proposed allocation between ratepayers and shareholders. In my view, the entire "shared savings" adjustment has been fabricated, violates sound ratemaking principles, and is only an attempt to increase shareholder return. The KCC should reject the adjustment outright, and therefore there is no need to address the specific allocation methodology proposed by KGS.

A.

Q. Please summarize your recommendation.

I recommend that the KCC reject the Company's proposed "shared savings" adjustment. The request for such an adjustment is untimely and the Company's proposal is based on a flawed concept. This adjustment is nothing more than an attempt by KGS to turn pension funding into a profit center. At Schedule ACC-15, I have made an adjustment to eliminate "shared savings" expense proposed by KGS. In addition, I recommend that the KCC reject the Company's proposal to include a pension and OPEB asset or liability in rate base in its next base rate case.

A.

D. Supplemental Executive Retirement Program ("SERP") Expense

Q. What are SERP costs?

These costs relate to supplemental retirement benefits provided by the Company to officers and key executives. The SERP benefits received by officers and key executives are *in addition to* the normal pension benefits offered to <u>all</u> employees. These additional retirement benefits generally exceed various limits imposed on retirement programs by the Internal Revenue Service ("IRS") and therefore are referred to as "non-qualified" plans.

The Company has two SERP benefits. According to page 38 of the 2015 Proxy Statement, Part A of the SERP calculates benefits using the same formula as the qualified pension plan, but applies to eligible earnings above the limits imposed

by the IRS on qualified plans. There are currently only six participants in Part A of the SERP. Part B of the SERP is based on a different formula that uses a specified percentage of the highest 36 consecutive months of compensation, based on the executive's last 60 months of service. The SERP is currently closed to new participants, and has not been extended to any new participant since 2005.

The IRS currently limits the amount of annual compensation that can be considered for purposes of determining contributions to qualified pension plans to \$265,000. Thus, in addition to SERP costs, ratepayers are paying all of the associated pension costs for officers up to the \$265,000 limit. The SERP benefit is related to compensation exceeding \$265,000 per year, up to the limit specified in the Proxy Statement.

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Q. What are the Test Year SERP costs that the Company has included in its claim?

A. As shown in the response to CURB-123, KGS has included \$994,391 of SERP costs in its filing, approximately 70.57%, or \$701,742, of which are expensed. 15

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A.

Q. Do you believe that these SERP costs should be recovered from the Company's

ratepayers?

No, I do not. The officers of the Company are already well- compensated. Moreover, these officers and key executives that receive SERP benefits also receive pension benefits pursuant to the Company's regular pension plan. Ratepayers are already paying for retirement benefits for these officers and executives through the SFAS 87 pension costs included in the Company's revenue requirement for the qualified pension plan. If KGS wants to provide further retirement benefits to select officers and key executives, then shareholders, not ratepayers, should fund these excess benefits. Therefore, I recommend that the Commission disallow the Company's claim for SERP costs. This adjustment is shown in Schedule ACC-16.

A.

E. Medical Benefit Expense

Q. How did the Company develop its medical benefit expense claim in this case?

The Company's claim is based on projected 2016 employee medical reserve accruals. Since the Company is self-insured, it accrues costs to a medical benefits reserve, which is used to pay actual annual claims. Reserve additions are adjusted periodically based on actual claims activity. In its filing, KGS projected an increase to medical benefits expense of \$658,707 for KGS employees (Adjustment IS-24) and an increase of \$206,808 in corporate medical benefits costs allocated to KGS.

A.

Q. Have actual medical claims consistently increased each year?

No, they have not. As shown in the response to KCC-60, actual claims fell in 2015 relative to prior years for both bargaining and non-bargaining employees. In addition, claims are impacted not only by the amount and cost of the actual medical care required each year but also by changes in the benefits offered to employees. As

shown in the response to KCC-61, in 2016 some deductibles have increased and there have been other changes that increase the employees' responsibility for medical costs.

A.

Q. Are you recommending any adjustments to the Company's claim?

Yes, I am. The Company has not supported the 2016 projections for medical benefit costs included in its filing. In addition, in response to requests by Staff to update various adjustments, KGS indicated that it now projects significantly lower costs than those reflected in the filing. Given the fact that medical benefits expense claims are difficult to predict, I recommend that the KCC reflect the most recent twelve months of actual claims in the Company's revenue requirement. At Schedule ACC-17, I have made an adjustment to reflect actual KGS claims for the twelve months ending June 30, 2016. At Schedule ACC-18, I have made a similar adjustment to reflect actual corporate claims allocated to KGS for the twelve months ending June 30, 2016.

A.

F. Uncollectible Expense

Q. How did the Company determine its uncollectible expense claim in this case?

KGS included two adjustments to uncollectible expense in its filing. First, it normalized uncollectible costs at present rates, based on a three-year average of nongas uncollectible expense. Second, it included uncollectible costs associated with its

requested rate increase. To determine the incremental uncollectible expense associated with the requested increase, KGS first calculated a three-year average of bad debt expense to non-gas revenue. This resulted in an uncollectible factor of 1.13%. It then applied this 1.13% to its proposed rate increase in order to determine the incremental uncollectible expense associated with the proposed increase.

A.

Q. Are you recommending any adjustments to the Company's uncollectible expense claim?

Yes, I am recommending two adjustments. First, the Company's normalization adjustment is based on a three-year average of non-gas uncollectible expense, not on a three-year average uncollectible ratio (uncollectible expense as a percentage of revenue). However, uncollectible expense does vary with variations in operating revenue. For that reason, uncollectable expense is generally calculated as a percentage of operating revenue (similar to what the Company did for the rate increase portion of its adjustment). Therefore, instead of using a three-year average of non-gas uncollectible expense to normalize uncollectible costs at present rates, I utilized a three-year average of the uncollectible expense ratio, which as noted above is 1.13%. I applied this 1.13% to the Company's pro forma revenue at present rates to determine the normalized uncollectible costs associated with the Company's pro forma revenue claim. This adjustment is shown in Schedule ACC-19.

Second, at Schedule ACC-19, I have also eliminated the uncollectible

expense associated with the Company's proposed rate increase. Instead of including this incremental expense as a fixed cost in the Company's revenue requirement, I have included uncollectible costs of 1.13% as a component of my revenue multiplier. This methodology will result in an incremental uncollectible allowance of 1.13% for whatever level of revenue increase is ultimately approved by the KCC.

A.

G. Research and Development ("R&D") Expense

Q. Please describe the Company's claim for costs associated with research and development projects.

The Company is seeking authorization to recover \$314,868 in rates relating to funding of Operations Technology Development ("OTD"), which is a not-for-profit industry collaboration established in 2003 to undertake certain R&D projects. As describe by Mr. Edelstein on pages 4-5 of his testimony, local distribution companies and gas pipelines previously funded R&D projects through the Gas Research Institute ("GRI"), which was established in 1977 and was funded through a FERC-approved mechanism. According to Mr. Edelstein, "...the restructuring of the natural gas industry and increased competition between gas pipelines led to the dissolving of this funding mechanism and the search for alternative funding." FERC-approved funding for R&D was phased out between 1998 and 2004.

The Company is seeking authorization for KGS to join OTD as a full member. KGS has provided a list of 11 projects that it claims would benefit Kansas

ratepayers if the Company's request for funding is approved.

A.

Q. Do you support the funding of these R&D activities by Kansas ratepayers?

No, I do not. Given that Kansas customers are captive monopoly customers, I generally do not believe that ratepayer funds should be used to support R&D activities. Rather, R&D should be financed either by the private sector or by public government funds. As various projects and services then become available, the utility can evaluate whether each should be adopted for KGS customers.

Moreover, in this case, I would note that One Gas is already a member of OTD through its Oklahoma operations. According to the response to CURB-18, an OTD member may share information within its corporation, regardless of whether a division in another state is a member or not. Therefore, information gathered through OTD participation is already available to customers in Texas and Kansas. While the Company states that Kansas' participation will allow certain projects to be field tested in Kansas, the Company has not shown that local field testing would provide sufficient benefits to justify the additional costs. For all these reasons, I recommend that the Company's request to have Kansas ratepayers fund R&D projects through OTD be denied. My adjustment is shown in Schedule ACC-20.

H. Shared Services Expenses

- Q. Please describe the Company's shared services expense adjustment.
- A. KGS currently provides meter reading services to Westar Energy, Inc. in Wichita and
 Hutchinson, Kansas, as discussed on page 11 of Ms. Eaton's testimony. KGS will
 cease providing meter reading services in both of these cities in December 2016.
 Therefore, KGS included an adjustment in its revenue requirement to a) eliminate
 revenue received from Westar Energy relating to these meter reading services and b)
 eliminate contracted meter readers associated with providing these services. The

A.

Q. Have you included this adjustment in your revenue requirement recommendation?

Company's adjustment results in a net increase to operating expense of \$87,002.

No, I have not. As noted, KGS will not terminate services to Westar Energy until December 2016. I believe that reflecting this change in the Company's revenue requirement reaches too far past the end of the Test Year in this case. By December 2016, there are many other components of the Company's revenue requirement that will change. In some cases these changes will increase the revenue requirement and in some cases these changes will reduce the revenue requirement. The inclusion of one December 2016 change relating to the provision of services to Westar Energy by KGS distorts the regulatory triad and should be rejected. My adjustment is shown in Schedule ACC-21.

I. Workers Compensation Expense

3 Q. How did the Company determine its Workers Compensation Expense claim in 4 this case?

5 A. KGS made an adjustment to increase Workers Compensation Expense by \$250,531.

6 This adjustment included a three-year average of actual workers compensation

7 expense. In addition, it included the current premium for the excess workers

8 compensation insurance policy, as described by Ms. Eaton on page 13 of her

9 testimony.

A.

Q. Are you recommending any adjustment to the Company's claim?

Yes, I am recommending that the KCC reflect the actual Test Year workers compensation expense instead of the three-year average expense included in the Company's claim. The three-year average was heavily impacted by the 2014 expense, which was approximately 3 times greater than either the 2013 or 2015 actual workers compensation costs. Moreover, the 2016 costs to date have been below the Test Year costs. As shown in the response to KCC-273, through June 30, 2016, workers compensation costs were \$217,282, or \$434,564 on an annualized basis, less than the actual Test Year costs of \$467,479. Therefore, I recommend that the Company's post-test year adjustment be rejected, and instead that the KCC utilize the actual Test Year workers compensation expense. My adjustment is shown in

Schedule ACC-22. I am not recommending any adjustment to the Company's claim related to the current premium for the excess workers compensation insurance policy.

A.

J. Meals and Entertainment Expense

Q. Are you recommending any adjustment to the Company's meals and entertainment expense claim?

Yes, I am. The Company has included in its filing \$179,419 of meals and entertainment expenses that are not deductible on the Company's income tax return. The IRS limits the deductibility of meals and entertainments expenses to 50%. These are costs that the IRS has determined are not appropriate deductions for federal tax purposes. If these costs are not deemed to be reasonable business expenses by the IRS, it is reasonable to conclude that they are not appropriate business expenses to include in a regulated utility's cost of service. Accordingly, at Schedule ACC-23, I have made an adjustment to eliminate these costs from the Company's revenue requirement. While there may be certain costs for meals that should be borne by ratepayers, clearly there are also costs included in this category that should be entirely excluded from the Company's revenue requirement. Therefore, my recommendation to use the 50% IRS criteria provides a reasonable balance between shareholders and ratepayers and should be adopted by the KCC.

K. Advertising Expense

- Q. Are you recommending any adjustment to the Company's claim for advertising costs?
- A. Yes, I am recommending exclusion of certain costs for promotional and corporate 4 image advertising from the Company's revenue requirement. In response to KCC-5 238, the Company provided copies of several advertisements that promote the use of 6 natural gas or other KGS business development activities, and I am recommending 7 that the associated advertising costs be disallowed. These advertisements promote 8 gas appliances over electric alternatives, identifying the gas appliances as being more 9 efficient than their electric counterparts. I do not believe that Kansas gas ratepayers, 10 who are also electric utility customers, should be paying for promotional material that 11 attempts to increase gas sales at the expense of electric sales. 12 recommend that these costs be disallowed, and my adjustment is shown in Schedule 13 ACC-24. I have not eliminated those advertising costs reported in KCC-238 that 14 appear to relate to safety issues or directory advertising. 15

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L. <u>Membership Dues Expense</u>

- Q. Are you recommending any adjustment to the Company's claim for membership dues?
- 20 A. Yes, I am. K.S.A. 66-101f(a) specifically provides that,

For the purposes of determining just and reasonable rates, the commission may adopt a policy of disallowing a percentage, not to exceed 50%, of utility dues, donations and contributions to charitable, civic and social organizations and entities, in addition to disallowing specific dues, donations and contributions which are found unreasonable or inappropriate.

KGS eliminated 50% of civic and charitable donations from cost of service, but the Company did not make any adjustment relating to utility dues, except to eliminate \$6,647 that the American Gas Association ("AGA") had identified as lobbying.

A.

Q. Why is it appropriate to eliminate 100% of the dues associated with lobbying?

Lobbying costs are not necessary for the provision of safe and adequate utility service. Moreover, the lobbying activities of a regulated utility may be focused on policies and positions that enhance shareholders' interests but may not benefit, and may even harm, ratepayers. Regulatory agencies generally disallow costs involved with lobbying, since most of these efforts are directed toward promoting the interests of the utilities' shareholders rather than its ratepayers. Ratepayers have the ability to lobby on their own through the legislative process. Moreover, lobbying activities have no functional relationship to the provision of safe and adequate gas service. If the Company were to immediately cease contributing to these types of efforts, in no way would utility service be disrupted. Clearly, these costs should not be borne by ratepayers.

A.

Q. In addition to eliminating 100% of dues relating to lobbying activities, why is it appropriate to eliminate 50% of other utility dues, pursuant to K.S.A. 66-101f(a)?

It is appropriate to eliminate such costs because in many cases organizations undertake other activities that do not benefit ratepayers, such as public affairs, promotions and media activities. In addition, when calculating the dues that are attributable to lobbying, many organizations take a very narrow view of what constitutes "lobbying", which effectively results in an underreporting of lobbying costs. Accordingly, the provisions of K.S.A. 66-101f(a) protect ratepayers from paying for membership dues that do not directly result in ratepayer benefits. Therefore, at Schedule ACC-25, I have made an adjustment to eliminate not only 100% of the AGA dues identified as lobbying, but also 50% of the remaining AGA dues, consistent with K.S.A. 66-101f(a).

A.

M. Depreciation Expense

Q. Is the Company proposing new depreciation rates in this case?

Yes, it is. In its filing, KGS included new depreciation rates based on a "technical update" performed by Dr. Ron White. Given its limited resources, CURB has not undertaken a review of the Company's proposed changes to depreciation rates. However, CURB is reserving its right to adopt or oppose recommendations that may

Schedule ACC-26.

1	be made	by other	parties	with regard	to proposed	depreciation	rates.

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Q. Given that CURB did not review the Company's proposed depreciation rates,
are you recommending any adjustment to the Company's depreciation expense
claim?

Yes, I am recommending two adjustments. First, with regard to KGS-direct plant, A. 6 the Company included depreciation expense on all of its claimed CWIP. I have 7 limited CWIP to investment that was actually in-service at June 30, 2016. 8 Therefore, my first depreciation adjustment reduces the Company's depreciation 9 expense to eliminate depreciation on the CWIP that was not completed by June 30, 10 2016. To quantify my adjustment, I applied a composite depreciation rate to my net 11 CWIP adjustment, i.e., my CWIP adjustment net of retirements associated with the 12 CWIP that was not completed by June 30, 2016. This adjustment is shown in 13

Similarly, at Schedule ACC-27, I made an adjustment to eliminate depreciation expense on the corporate CWIP allocated to KGS that was not completed by June 30, 2016.

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Q. Do you have any additional comments regarding depreciation expense?

20 A. Yes, I have recommended that the KCC limit the CWIP included in rate base to investment that was completed and in-service by June 30, 2016. If, however, the

KCC permits the Company to include additional CWIP in rate base, then it should eliminate depreciation expense on this additional CWIP from the Company's revenue requirement. Depreciation expense included in utility rates should be limited to depreciation on completed projects that are providing utility service to Kansas ratepayers. Thus, even when CWIP is included in rate base, depreciation expense is generally not included in rates, since this plant was not providing service to ratepayers at the end of the Test Year. Therefore, if the KCC permits the Company to include additional CWIP in rate base, it should not include depreciation expense on this CWIP. Shareholders should not be permitted to charge ratepayers for a return of their investment, prior to the time that such investment is actually providing utility service.

A.

N. Interest Synchronization and Taxes

Q. Have you adjusted the pro forma interest expense for income tax purposes?

Yes, I have made this adjustment at Schedule ACC-28. It is consistent (synchronized) with CURB's recommended rate base, capital structure, and cost-of-capital recommendations. CURB is recommending a higher debt ratio and a lower rate base than the debt ratio and rate base included in the Company's filing. The net result of CURB's recommendation is an increase in pro forma interest expense for the Company. This higher interest expense, which is an income tax deduction for state and federal tax purposes, will result in a decrease to the Company's income tax

1	liability under CURB's recommendations. Therefore, CURB's recommendations
2	require an interest synchronization adjustment to reflect a lower income tax burden
3	for the Company, and an increase to pro forma income at present rates.

Q. What income tax factors have you used to quantify your adjustments?

A. As shown on Schedule ACC-29, I have used a composite income tax factor of 39.55%, which includes a state income tax rate of 7.00% and a federal income tax rate of 35%. These are the state and federal income tax rates contained in the Company's filing.

A.

Q. What revenue multiplier have you used to calculate the required revenue increase?

My revenue multiplier is shown in Schedule ACC-30. In addition to the state and federal income tax rates of 7.00% and 35% respectively, it also reflects the pro forma uncollectible rate of 1.13%. My recommendations result in a revenue multiplier of 1.6732. The difference between my revenue multiplier and the Company's revenue multiplier of 1.6543 is that the Company embedded uncollectible costs, including uncollectible costs associated with its full proposed rate increase, in its revenue requirement at a fixed amount, while uncollectible costs pursuant to my methodology will vary depending on the revenue increase ultimately awarded by the KCC.

VII. REVENUE REQUIREMENT SUMMARY

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2 (J.	What is the result of the recommendations contained in your testimony?

- My adjustments show that KGS has a revenue deficiency at present rates of A. 3 \$3,700,300, as summarized on Schedule ACC-1. CURB's recommendations result 4 in revenue requirement adjustments of \$31,746,365 to the Company's requested 5 revenue increase of \$35,446,665. 6
- Given the current GSRS of \$7.46 million and the Ad Valorem Tax Surcharge 7 credit of \$1.60 million annually, KGS ratepayers will not experience any net revenue increase if my recommendations are adopted by the KCC. 9

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- Have you quantified the revenue requirement impact of each of your 11 Q. recommendations? 12
- Yes, at Schedule ACC-31, I have quantified the revenue requirement impact of the 13 A. rate of return, rate base, and expense recommendations contained in this testimony. 14

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Have you developed a pro forma income statement? Q. 16

Yes, Schedule ACC-32 contains a pro forma income statement, showing utility 17 A. operating income under several scenarios, including the Company's claimed operating income at present rates, my recommended operating income at present 19 rates, and operating income under my proposed rate increase. My recommendations 20 will result in an overall return on rate base of 6.23%, as recommended by Dr. 21

Woolridge.

3 VIII. COST OF SERVICE ADJUSTMENT MECHANISM

Q. Please describe the COSA being proposed by KGS in this case

A. The Company is proposing a formula-based ratemaking mechanism, the COSA. As noted by Mr. Dittemore on page 30 of his testimony, the COSA is similar to the Annual Rate Mechanism proposed by Atmos Energy in KCC 16-ATMG-079-RTS. The Company is proposing a formula-based pilot program covering calendar years 2017, 2018, and 2019.

Under the Company's proposal, KGS would make an annual filing on April 15th of each year that would report financial results of the prior calendar year. The parties would then have 60 days to identify any disputed calculations. By June 30th, Staff would provide a report and recommendation to the KCC and, unless disputed by the parties, the proposed rates would go into effect with the first billing cycle in September. Rate changes would be allocated based upon the customer class cost of service allocations approved in this rate case. Moreover, the allocation of any rate change between Customer Charges and the Commodity Charge would also be done based on the results of this base rate case. The Company proposes that operating and maintenance expense cost increases (excluding depreciation and amortization) would be capped at 4% annually under the COSA mechanism.

1 Q. What rate classes does the Company propose to include in its COSA?

2 A. The Company proposes to apply the COSA to all sales and transportation customers
3 except for customers served under contract rates.

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Q. What is the Company's rationale for requesting the COSA?

A. KGS states that the COSA is necessary because gas utilities face "continual declines in residential consumption, delayed recovery of depreciation and return on a good portion of its capital investments as well as recovery of increasing Operating and Maintenance expenses." In addition, the Company claims that the COSA will reduce rate case costs and will provide Staff with a more efficient review process than the traditional ratemaking mechanism.

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Q. Has the Company provided any further guidance on how the COSA would work?

A. KGS has stated that the revenue requirement "would be calculated consistent with standard ratemaking principles adopted by the Kansas Corporation Commission," but the specific principles that it believes should apply have not been identified. Moreover, in this case, the Company is limited to claiming an equity percentage of no higher than 55%, pursuant to the stipulation in the 100 Docket. KGS proposes that this cap be eliminated, and instead KGS be permitted to calculate the revenue

⁸ Testimony of Mr. Dittemore, page 27.

requirement under its COSA using an equity ratio of up to 60%. KGS proposes that
the cost of equity and cost of debt from this proceeding would be applied to the
actual capital structure, subject to this 60% limitation.

Q. Has KGS proposed a similar mechanism in the past?

A. KGS proposed a Revenue Normalization Adjustment ("RNA") in its last base rate case. Under that mechanism, an annual rate adjustment would have been made to reflect the difference between a baseline revenue level per customer, by rate class, and the actual revenue per customer received each year.

A.

Q. Are there any other Kansas utilities that have a formula rate mechanism?

Yes, there is one, Southern Pioneer Electric Company. The Southern Pioneer formula rate plan was sold to the KCC and the KCC Staff on the basis that Southern Pioneer was unique, in that it is an investor-owned utility that is, in turn, owned by a cooperative utility. Southern Pioneer argued that due to this unique structure, whereby its customers are also its ultimate owners as well, it was reasonable for the KCC to adopt a formula rate plan that would provide for annual rate adjustments in a stream-lined manner. CURB opposed the formula rate mechanism for Southern Pioneer. In fact, at the evidentiary hearing, I expressed my concern that if such a mechanism was approved for Southern Pioneer, it was just a matter of time before

other companies would be seeking similar formula rate mechanisms even though they
are not in the "unique" situation of Southern Pioneer.

A.

Q. Please summarize your concerns regarding KGS' proposed COSA mechanism.

I oppose the proposed COSA mechanism, for several reasons. First, the COSA represents a significant and fundamental change in utility regulation. Second, the Company has not demonstrated that such a mechanism is necessary. Third, KGS is already protected from many revenue and expense fluctuations through the Weather Normalization Adjustment ("WNA") rider, Ad Valorem Tax Surcharge Rider, and Cost of Gas Rider. Fourth, in addition to revenue and expense riders, the Company also has the Gas System Reliability Surcharge ("GSRS") mechanism that serves to reduce regulatory lag. Fifth, KGS's proposal would reduce risk to shareholders and increase costs to ratepayers. Although KGS's proposal will significantly decrease its overall business risk, the Company did not include any reduction in its claimed cost of equity to reflect this lower risk.

A.

Q. Please describe why you view the COSA mechanism as a significant departure from traditional ratemaking.

Ratemaking was established as a substitute for competition and designed so that utilities would have an opportunity, but not a guarantee, to earn the return on capital awarded in rates. Under the Company's proposal, rates would be adjusted annually,

removing much of the incentive that the Company currently has to reduce costs between base rate case filings. If revenues are revised annually based on prior year results, then the utility's risk is reduced. Traditional regulation bases rates on normal conditions with the understanding that in some years a utility may over-earn its authorized return and in some years it may under-earn. However, under the traditional ratemaking mechanism, the utility can file a rate case if it believes it will under-earn in future periods. The proposed COSA mechanism turns the ratemaking process into little more than a reimbursement system.

A.

Q. Why do you believe that the COSA is unnecessary?

Mr. Dittemore claims that the COSA is necessary due to declining sales and regulatory lag. However, the Company is already protected against revenue variations due to weather fluctuations, which is the most significant factor impacting annual revenue for gas utilities.

With regard to regulatory lag, this is not a new concept. Regulatory lag has existed since as long as the current regulatory mechanism has been in place. In addition, regulatory lag is not always detrimental to the Company - it can work to the benefit of shareholders. For example, in a period of declining capital costs and/or sales growth, regulatory lag can provide a benefit to shareholders because shareholders enjoy increased returns between base rate case filings. In addition, it is

the utility that generally decides when to file for a base rate change so utilities take advantage of regulatory lag and stay out when it works in their favor.

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Q. Does the GSRS help to reduce regulatory lag?

Yes, of course it does. It is my understanding that the GSRS was adopted by the Kansas Legislature at the behest of the state's gas utilities, who argued that some alternative regulatory mechanism was required in order to reduce regulatory lag associated with incremental investment in decaying infrastructure. The Legislature responded with a GSRS mechanism. Now, just few years later, the state's gas utilities, including KGS, are arguing that the GSRS mechanism is inadequate. Moreover, in addition to the GSRS, KGS has several other mechanisms that reduce regulatory lag or otherwise protect shareholders, such as the weather normalization adjustment charge, the ad valorem tax surcharge, and a tracking mechanism for pension and OPEB costs. In addition, a significant portion of its costs are for gas supply, for which shareholders also bear no risk. However, KGS argues that these mechanisms are not enough, and instead the Company is seeking an entirely new mechanism that would result in annual rate increases for Kansas ratepayers with minimal scrutiny. Thus, KGS is requesting that the KCC approve a fundamental change in the regulatory process without any evidence that such a change is necessary at this time. Nor has the Company identified the impact of such a change on Kansas ratepayers.

case costs?

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Q. Why do you believe that a COSA mechanism would harm utility ratepayers?

A. Ratepayers will suffer for several reasons. First, with such a mechanism, a utility has less incentive to be attentive to its business. If a utility is more or less assured of annual rate increases, it will have less incentive to control costs. Ratepayers should pay for attentive management, not cosseted management that is immune from the consequences of its own decision-making.

In addition, ratepayers value certainty. The COSA will add another element of uncertainty to utility rates, since ratepayers are likely to face rate hikes each year.

Finally, the Company's proposal will shift additional risk onto ratepayers. However, ratepayers will not be compensated for this additional risk since the Company's proposal does not include any decrease in its cost of equity, even though the COSA greatly reduces the earnings risk of KGS.

A.

Q. Do you share the concerns expressed by the Company regarding escalating rate

Yes, I do. I am very concerned about the seemingly-unlimited amounts being spent on rate cases by regulated utilities. Moreover, this trend is not unique to Kansas. We regularly see claims for rate case costs that exceed \$1 million and hourly rates for rate case lawyers and consultants of \$500 per hour or more in some cases.

However, the best way for the KCC to address high rate case costs is not to adopt a new regulatory mechanism that would result in annual rate cases without the benefit of a full rate review, while still passing along all rate case costs in utility rates, which is essentially what is being proposed by the Company in this case through the COSA. Instead, the KCC should take a more critical look at the ratemaking treatment afforded rate case costs, and recognize that shareholders, in addition to ratepayers, benefit from rate cases. Presently, utilities have no incentive to control these costs since they are guaranteed recovery of their costs from ratepayers. Shareholders, who also benefit, are getting something of a free ride. But even with the high level of rate case costs, ratepayers in Kansas have still benefitted from the traditional rate case process.

A.

Q. Why do you believe that ratepayers have benefitted from the traditional rate case process?

Ratepayers generally have saved much more through the traditional rate case process than they would have saved through the Company's proposed COSA. For example, in the Company's last base rate case KGS requested a revenue increase of \$50.7 million. After a full base rate case review, the parties agreed on a rate increase of \$28 million, \$22.7 million less than the Company's request. Rate case costs from that case amounted to \$937,450. Thus, ratepayers saved much more in annual costs than they paid in the associated rate case costs, especially when one considers that

reductions to the Company's rate requests are annual savings, and that ratepayers benefit from those savings <u>each year</u> that rates are in effect, while rate case costs are one-time costs. If the Company is so concerned about rate case costs, it could take steps such as issuing Requests for Proposal for rate case services, which few companies do, and holding outside counsel and consultants to strict budget commitments.

A.

Q. Will the COSA provide an appropriate incentive to the Company to control costs?

No, it will not. The COSA is essentially reimbursement ratemaking, in that the Company's rates will change each year based on the prior year's results. The Company has included a 4% annual cap on increases in operating and maintenance expenses. However, this is well below the historic level of annual increases and also well below the current recent inflation rates. Therefore, I do not believe that this cap provides much benefit to ratepayers. Moreover, given the Company's capital program, the COSA will result in certain rate increases each year. Moreover, the Company will be virtually guaranteed these increases under the proposed mechanism. Therefore, the COSA will reduce the Company's incentive to control costs between base rate cases and is inconsistent with the regulatory objective that regulation is a substitute for competition.

A.

Q. Do you have other concerns about the proposed COSA?

Yes, I do. The Company claims that the COSA will limit controversy among the parties because it will be based on KCC-approved ratemaking methodologies and precedents. However, there may be disagreement among the parties regarding what specific ratemaking methodologies and precedents have been approved by the KCC. The fact is that many utility cases are resolved by stipulations and therefore there may not be KCC-approved precedent for all issues.

Second, the COSA effectively precludes the parties from raising additional rate issues. Simply because a specific cost was not challenged in the past is no reason why parties should be precluded from raising it in the future. In many cases, a party's participation in a rate proceeding is limited by its available resources, unlike the utilities that can simply spend as much as they want on a rate case, knowing that recovery from ratepayers is virtually assured. Once the COSA is adopted, it would be very difficult for parties to raise new issues.

Third, simply because a cost has been approved, it does not follow that the level of the cost continues to be reasonable or that the underlying parameters are reasonable. Simply because a particular cost has been included in regulated rates in the past does not mean that the level included in future years is reasonable. In addition, there may be changes in underlying expense programs that would make the resulting costs inappropriate to include in utility rates. For all these reasons, there are

flaws in the Company's COSA proposal that seriously handicap the ability of other
parties to challenge costs in the future.

A.

Q. What do you believe is the primary driver of the Company's COSA proposal?

It is pretty clear that the real purpose of the COSA is to accelerate returns to One Gas shareholders. The Company argues that shareholders are being harmed by the regulatory review mechanism in Kansas, and that regulatory lag in Kansas is longer than in its other regulatory jurisdictions. KGS apparently feels that the current Kansas regulatory mechanism is no longer appropriate and provides too much risk (and too little return) for shareholders.

A.

Q. What do you recommend?

I recommend the KCC deny the Company's request to change the basic ratemaking paradigm in Kansas and reject the proposed COSA Mechanism. It is clear that the Company's primary motivation is to reduce perceived regulatory lag and accelerate returns to shareholders. KGS already has several rate mechanisms in place that reduce regulatory lag and reduce shareholder risk. Finally, the KCC should not resolve concerns regarding high rate case costs by adopting a new mechanism that would virtually guarantee annual rate hikes and would remove important ratepayer safeguards. Accordingly, the Company's proposal should be denied.

- 1 Q. Does this conclude your testimony?
- 2 A. Yes, it does.

<u>VERIFICATION</u>

STATE OF CONNECTICUT)				
COUNTY OF FAIRFIELD	.)	ss:			
Andrea C. Crane, being of consultant for the Citizens' Utili foregoing Direct Testimony, and knowledge, information and beli	ty Ratepayer Board, t I that the statements n	hat she has re	ad and is familiar with t		
	Andrea (rea P. (C. Crane	nade		
Subscribed and sworn before me this 6th day of 1 Leptom ber, 2016.					
	Notary P	ublic <u>Ben</u>	ump Hon		
My Commission Expires:	BENJAMIN D COT Notary Public-Conn My Commission Ex June 30, 201	ecticut pires			

APPENDIX A

List of Prior Testimonies

<u>Сотрапу</u>	<u>Utility</u>	<u>State</u>	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	On Behalf Of
Kansas Gas Service	G	Kansas	16-KGSG-491-RTS	9/16	Revenue Requirements	Citizens' Utility Ratepayer Board
Public Service Company of New Mexico	Е	New Mexico	15-00312-UT	7/16	Automated Metering Infrastructure	Office of Attorney General
Kansas City Power and Light Company	Ε	Kansas	16-KCPE-160-MIS	6/16	Clean Charge Network	Citizens' Utility Ratepayer Board
Kentucky American Water Company	w	Kentucky	2016-00418	5/16	Revenue Requirements	Attomey General/LFUCG
Black Hills/Kansas Gas Utility Company	G	Kansas	16-BHCG-171-TAR	3/16	Long-Term Hedge Contract	Citizens' Utility Ratepayer Board
General Investigation Regarding Accelerated Pipeline Replacement	G	Kansas	15-GIMG-343-GIG	1/16	Cost Recovery Issues	Citizens' Utility Ratepayer Board
Public Service Company of New Mexico	E	New Mexico	15-00261-UT	1/16	Revenue Requirements	Office of Attorney General
Atmos Energy Company	G	Kansas	16-ATMG-079-RTS	12/15	Revenue Requirements	Citizens' Utility Ratepayer Board
El Paso Electric Company	E	New Mexico	15-00109-UT	12/15	Sale of Generating Facility	Office of Attorney General
El Paso Electric Company	Ε	New Mexico	15-00127-UT	9/15	Revenue Requirements	Office of Attorney General
Rockland Electric Company	Ε	New Jersey	ER14030250	9/15	Storm Hardening Surcharge	Division of Rate Counsel
El Paso Electric Company	Е	New Mexico	15-00099-UT	8/15	Certificate of Public Convenience - Ft. Bliss	Office of Attorney General
Southwestern Public Service Company	Е	New Mexico	15-00083-UT	7/15	Approval of Purchased Power Agreements	Office of Attorney General
Westar Energy, Inc.	E	Kansas	15-WSEE-115-RTS	7/15	Revenue Requirements	Citizens' Utility Ratepayer Board
Kansas City Power and Light Company	Ε	Kansas	15-KCPE-116-RTS	5/15	Revenue Requirements	Citizens' Utility Ratepayer Board
Comcast Cable Communications	С	New Jersey	CR14101099-1120	4/15	Cable Rates (Form 1240)	Division of Rate Counsel
Liberty Utilities (Pine Buff Water)	w	Arkansas	14-020-U	1/15	Revenue Requirements	Office of Attorney General
Public Service Electric and Gas Co.	E/G	New Jersey	EO14080897	11/14	Energy Efficiency Program Extension II	Division of Rate Counsel
Black Hills/Kansas Gas Utility Company	G	Kansas	14-BHCG-502-RTS	9/14	Revenue Requirements	Citizens' Utility Ratepayer Board
Public Service Company of New Mexico	Е	New Mexico	14-00158-UT	9/14	Renewable Energy Rider	Office of Attorney General
Public Service Company of New Mexico	Е	New Mexico	13-00390-UT	8/14	Abandonment of San Juan Units 2 and 3	Office of Attorney General
Atmos Energy Company	G	Kansas	14-ATMG-320-RTS	5/14	Revenue Requirements	Citizens' Utility Ratepayer Board
Rockland Electric Company	Ε	New Jersey	ER13111135	5/14	Revenue Requirements	Division of Rate Counsel
Kansas City Power and Light Company	Ε	Kansas	14-KCPE-272-RTS	4/14	Abbreviated Rate Filing	Citizens' Utility Ratepayer Board
Comcast Cable Communications	С	New Jersey	CR13100885-906	3/14	Cable Rates	Division of Rate Counsel
New Mexico Gas Company	G	New Mexico	13-00231-UT	2/14	Merger Policy	Office of Attorney General
Water Service Corporation (Kentucky)	W	Kentucky	2013-00237	2/14	Revenue Requirements	Office of Attorney General
Oneok, Inc. and Kansas Gas Service	G	Kansas	14-KGSG-100-MIS	12/13	Plan of Reorganization	Citizens' Utility Ratepayer Board
Public Service Electric & Gas Company	E/G	New Jersey	EO13020155 GO13020156	10/13	Energy Strong Program	Division of Rate Counsel

Company	Utility	State	Docket	Date	Topic	On Behalf Of
Southwestern Public Service Company	E	New Mexico	12-00350-UT	8/13	Cost of Capital, RPS Rider, Gain on Sale, Allocations	New Mexico Office of Attorney General
Westar Energy, Inc.	Ε	Kansas	13-WSEE-629-RTS	8/13	Abbreviated Rate Filing	Citizens' Utility Ratepayer Board
Delmarva Power and Light Company	E	Delaware	13-115	8/13	Revenue Requirements	Division of the Public Advocate
Mid-Kansas Electric Company (Southem Pioneer)	E	Kansas	13-MKEE-447-MIS	8/13	Abbreviated Rate Filing	Citizens' Utility Ratepayer Board
Jersey Central Power & Light Company	E	New Jersey	ER12111052	6/13	Reliability Cost Recovery Consolidated Income Taxes	Division of Rate Counsel
Mid-Kansas Electric Company	E	Kansas	13-MKEE-447-MIS	5/13	Transfer of Certificate Regulatory Policy	Citizens' Utility Ratepayer Board
Mid-Kansas Electric Company (Southern Pioneer)	E	Kansas	13-MKEE-452-MIS	5/13	Formula Rates	Citizens' Utility Ratepayer Board
Chesapeake Utilities Corporation	G	Delaware	12-450F	3/13	Gas Sales Rates	Attorney General
Public Service Electric and Gas Co.	E	New Jersey	EO12080721	1/13	Solar 4 All - Extension Program	Division of Rate Counsel
Public Service Electric and Gas Co.	E	New Jersey	EO12080726	1/13	Solar Loan III Program	Division of Rate Counsel
Lane Scott Electric Cooperative	E	Kansas	12-MKEE-410-RTS	11/12	Acquisition Premium, Policy Issues	Citizens' Utility Ratepayer Board
Kansas Gas Service	G	Kansas	12-KGSG-835-RTS	9/12	Revenue Requirements	Citizens' Utility Ratepayer Board
Kansas City Power and Light Company	E	Kansas	12-KCPE-764-RTS	8/12	Revenue Requirements	Citizens' Utility Ratepayer Board
Woonsocket Water Division	w	Rhode Island	4320	7/12	Revenue Requirements	Division of Public Utilities and Carriers
Atrnos Energy Company	G	Kansas	12-ATMG-564-RTS	6/12	Revenue Requirements	Citizens' Utility Ratepayer Board
Delmarva Power and Light Company	E	Delaware	110258	5/12	Cost of Capital	Division of the Public Advocate
Mid-Kansas Electric Company (Western)	E	Kansas	12-MKEE-491-RTS	5/12	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Attantic City Electric Company	E	New Jersey	ER11080469	4/12	Revenue Requirements	Division of Rate Counsel
Mid-Kansas Electric Company (Southern Pioneer)	Ε	Kansas	12-MKEE-380-RTS	4/12	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Delmarva Power and Light Company	G	Delaware	11-381F	2/12	Gas Cost Rates	Division of the Public Advocate
Atlantic City Electric Company	Ε	New Jersey	EO11110650	2/12	Infrastructure Investment Program (IIP-2)	Division of Rate Counsel
Chesapeake Utilities Corporation	G	Delaware	11-384F	2/12	Gas Service Rates	Division of the Public Advocate
New Jersey American Water Co.	www	New Jersey	WR11070460	1/12	Consolidated Income Taxes Cash Working Capital	Division of Rate Counsel
Westar Energy, Inc.	E	Kansas	12-WSEE-112-RTS	1/12	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Puget Sound Energy, Inc.	E/G	Washington	UE-111048 UG-111049	12/11	Conservation Incentive Program and Others	Public Counsel
Puget Sound Energy, Inc.	G	Washington	UG-110723	10/11	Pipeline Replacement Tracker	Public Counsel

Company	Utility	<u>State</u>	<u>Docket</u>	<u>Date</u>	Topic	On Behalf Of
Empire District Electric Company	E	Kansas	11-EPDE-856-RTS	10/11	Revenue Requirements	Citizens' Utility Ratepayer Board
Comcast Cable	С	New Jersey	CR11030116-117	9/11	Forms 1240 and 1205	Division of Rate Counsel
Artesian Water Company	W	Delaware	11-207	9/11	Revenue Requirements Cost of Capital	Division of the Public Advocate
Kansas City Power & Light Company	E	Kansas	10-KCPE-415-RTS (Remand)	7/11	Rate Case Costs	Citizens' Utility Ratepayer Board
Midwest Energy, Inc.	G	Kansas	11-MDWE-609-RTS	7/11	Revenue Requirements	Citizens' Utility Ratepayer Board
Kansas City Power & Light Company	E	Kansas	11-KCPE-581-PRE	6/11	Pre-Determination of Ratemaking Principles	Citizens' Utility Ratepayer Board
United Water Delaware, Inc.	w	Delaware	10-421	5/11	Revenue Requirements Cost of Capital	Division of the Public Advocate
Mid-Kansas Electric Company	E	Kansas	11-MKEE-439-RTS	4/11	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
South Jersey Gas Company	G	New Jersey	GR10060378-79	3/11	BGSS / CIP	Division of Rate Counsel
Chesapeake Utilities Corporation	G	Delaware	10-296F	3/11	Gas Service Rates	Division of the Public Advocate
Westar Energy, Inc.	E	Kansas	11-WSEE-377-PRE	2/11	Pre-Determination of Wind Investment	Citizens' Utility Ratepayer Board
Delmarva Power and Light Company	G	Delaware	10-295F	2/11	Gas Cost Rates	Attomey General
Delmarva Power and Light Company	G	Delaware	10-237	10/10	Revenue Requirements Cost of Capital	Division of the Public Advocate
Pawtucket Water Supply Board	w	Rhode Island	4171	7/10	Revenue Requirements	Division of Public Utilities and Carriers
New Jersey Natural Gas Company	G	New Jersey	GR10030225	7/10	RGGI Programs and Cost Recovery	Division of Rate Counsel
Kansas City Power & Light Company	Ε	Kansas	10-KCPE-415-RTS	6/10	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Atmos Energy Corp.	G	Kansas	10-ATMG-495-RTS	6/10	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Empire District Electric Company	E	Kansas	10-EPDE-314-RTS	3/10	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Delmarva Power and Light Company	E	Delaware	09-414 and 09-276T	2/10	Cost of Capital Rate Design Policy Issues	Division of the Public Advocate
Delmarva Power and Light Company	G	Delaware	09-385F	2/10	Gas Cost Rates	Division of the Public Advocate
Chesapeake Utilities Corporation	G	Delaware	09-398F	1/10	Gas Service Rates	Division of the Public Advocate
Public Service Electric and Gas Company	E	New Jersey	ER09020113	11/09	Societal Benefit Charge Non-Utility Generation Charge	Division of Rate Counsel
Delmarva Power and Light Company	G	Delaware	09-277T	11/09	Rate Design	Division of the Public Advocate
Public Service Electric and Gas Company	E/G	New Jersey	GR09050422	11/09	Revenue Requirements	Division of Rate Counsel
Mid-Kansas Electric Company	E	Kansas	09-MKEE-969-RTS	10/09	Revenue Requirements	Citizens' Utility Ratepayer Board
Westar Energy, Inc.	E	Kansas	09-WSEE-925-RTS	9/09	Revenue Requirements	Citizens' Utility Ratepayer Board

<u>Company</u>	<u>Utility</u>	<u>State</u>	Docket	<u>Date</u>	Topic	On Behalf Of
Jersey Central Power and Light Co.	E	New Jersey	EO08050326	8/09		Division of Rate Counsel
			EO08080542		Programs	
Public Service Electric and Gas Company	Ε	New Jersey	EO09030249	7/09	Solar Loan II Program	Division of Rate Counsel
Midwest Energy, Inc.	Ε	Kansas	09-MDWE-792-RTS	7/09	Revenue Requirements	Citizens' Utility Ratepayer Board
Westar Energy and KG&E	Ε	Kansas	09-WSEE-641-GIE	6/09	Rate Consolidation	Citizens' Utility Ratepayer Board
United Water Delaware, Inc.	w	Delaware	09-60	6/09	Cost of Capital	Division of the Public Advocate
Rockland Electric Company	E	New Jersey	GO09020097	6/09	SREC-Based Financing Program	Division of Rate Counsel
Tidewater Utilities, Inc.	w	Delaware	09-29	6/09	Revenue Requirements Cost of Capital	Division of the Public Advocate
Chesapeake Utilities Corporation	G	Delaware	08-269F	3/09	Gas Service Rates	Division of the Public Advocate
Delmarva Power and Light Company	G	Delaware	08-266F	2/09	Gas Cost Rates	Division of the Public Advocate
Kansas City Power & Light Company	E	Kansas	09-KCPE-246-RTS	2/09	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Jersey Central Power and Light Co.	E	New Jersey	EO08090840	1/09	Solar Financing Program	Division of Rate Counsel
Atlantic City Electric Company	E	New Jersey	EO06100744 EO08100875	1/09	Solar Financing Program	Division of Rate Counsel
West Virginia-American Water Company	w	West Virginia	08-0900-W-42T	11/08	Revenue Requirements	The Consumer Advocate Division of the PSC
Westar Energy, Inc.	E	Kansas	08-WSEE-1041-RTS	9/08	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Artesian Water Company	w	Delaware	08-96	9/08	Cost of Capital, Revenue, New Headquarters	Division of the Public Advocate
Comcast Cable	С	New Jersey	CR08020113	9/08	Form 1205 Equipment & Installation Rates	Division of Rate Counsel
Pawtucket Water Supply Board	w	Rhode Island	3945	7/08	Revenue Requirements	Division of Public Utilities and Carriers
New Jersey American Water Co.	w/ww	New Jersey	WR08010020	7/08	Consolidated Income Taxes	Division of Rate Counsel
New Jersey Natural Gas Company	G	New Jersey	GR07110889	5/08	Revenue Requirements	Division of Rate Counsel
Kansas Electric Power Cooperative, Inc.	E	Kansas	08-KEPE-597-RTS	5/08	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Public Service Electric and Gas Company	Ε	New Jersey	EX02060363 EA02060366	5/08	Deferred Balances Audit	Division of Rate Counsel
Cablevision Systems Corporation	С	New Jersey	CR07110894, et al	5/08	Forms 1240 and 1205	Division of Rate Counsel
Midwest Energy, Inc.	E	Kansas	08-MDWE-594-RTS	5/08	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board
Chesapeake Utilities Corporation	G	Delaware	07-246F	4/08	Gas Service Rates	Division of the Public Advocate
Comcast Cable	С	New Jersey	CR07100717-946	3/08	Form 1240	Division of Rate Counsel
Generic Commission Investigation	G	New Mexico	07-00340-UT	3/08	Weather Normalization	New Mexico Office of Attorney General
Southwestern Public Service Company	Ε	New Mexico	07-00319-UT	3/08	Revenue Requirements Cost of Capital	New Mexico Office of Attorney General

The Columbia Group, Inc., Testimonies of Andrea C. Crane

	Company	Utility	State	<u>Docket</u>	<u>Date</u>	<u>Topic</u>	On Behalf Of
١	Delmarva Power and Light Company	G	Delaware	07-239F	2/08	Gas Cost Rates	Division of the Public Advocate
	Atmos Energy Corp.	G	Kansas	08-ATMG-280-RTS	1/08	Revenue Requirements Cost of Capital	Citizens' Utility Ratepayer Board

APPENDIX B SUPPORTING SCHEDULES

KANSAS GAS SERVICE

TEST YEAR ENDED DECEMBER 31, 2015

REVENUE REQUIREMENT SUMMARY

	Company Claim	Recommended	Recommended Position	
-	(A)	Adjustment	Position	
1. Pro Forma Rate Base	\$902,967,731	(\$6,443,189)	\$896,524,542	(B)
Required Cost of Capital	7.28%	-1.05%	6.23%	(C)
3. Required Return	\$65,734,245	(\$9,925,592)	\$55,808,653	
4. Operating Income @ Present Rates _	44,306,736	9,290,362	53,597,098	(D)
5. Operating Income Deficiency	\$21,427,509	(\$19,215,954)	\$2,211,555	
6. Revenue Multiplier	1.6543	0.0189	1.6732	(E)
7. Required Requirement Increase	<u>\$35,446,665</u>	(\$31,746,365)	<u>\$3,700,300</u>	

- (A) Company Filing, Section 3, Schedule 3-A.
- (B) Schedule ACC-3.
- (C) Schedule ACC-2.
- (D) Schedule ACC-9.
- (E) Schedule ACC-30.

KANSAS GAS SERVICE

TEST YEAR ENDED DECEMBER 31, 2015

REQUIRED COST OF CAPITAL

	Capital Structure	Cost Rate	Weighted Cost
1. Long-Term Debt	(A) 50.00%	(A) 3.95%	1.98%
2. Common Equity	50.00%	8.50%	4.25%
3. Total Cost of Capital			<u>6.23</u> %

Sources:

(A) Testimony of Dr. Woolridge, Exhibit JRW-1.

KANSAS GAS SERVICE

TEST YEAR ENDED DECEMBER 31, 2015

RATE BASE SUMMARY

	Company Claim	Recommended Adjustment		Recommended Position
	(A)	Aujustment		Fosition
1. Total Utility Plant in Service	\$1,770,498,662	(\$2,434,218)	(B)	\$1,768,064,444
Less:				
2. Accumulated Depreciation	(604,139,074)	(433,383)	(C)	(604,572,457)
3. Net Utility Plant	\$1,166,359,588	(\$2,867,601)		\$1,163,491,987
Plus:				
4. Materials and Supplies	\$9,054,838	\$0		\$9,054,838
Gas Storage Inventory	30,779,589	(3,575,588)	(D)	27,204,001
6. Prepayments	4,434,981	0		4,434,981
7. Long Term Prepayments	618,099	0		618,099
Less:				
Accumulated Deferred Taxes	(\$272,849,807)	\$0		(\$272,849,807)
9. Acc. Deferred Taxes - Corporate	(7,916,831)	0		(7,916,831)
10. Customer Deposits	(20,122,287)	0		(20,122,287)
11. Customer Advances	(7,390,439)	0_		(7,390,439)
12. Total Rate Base	\$ <u>902,967,731</u>	(<u>\$6,443,189</u>)		\$ <u>896,524,542</u>

- (A) Company Filing, Section 3, Schedule 3-A and Section 6, Schedule 6-A.
- (B) Schedules ACC-4, ACC-5, and ACC-6.
- (C) Schedule ACC-7.
- (D) Schedule ACC-8.

KANSAS GAS SERVICE TEST YEAR ENDED DECEMBER 31, 2015

UTILITY PLANT IN SERVICE-CWIP

3. Recommended Adjustment	(\$2,479,307)	
2. CWIP In-Service by June 30, 2016	10,569,620	(B)
Company Claim	\$13,048,927	(A)

- (A) Company Filing, Section 3, Schedule 3-C, Adjustment PLT-1.
- (B) Derived from response to KCC-306.

KANSAS GAS SERVICE TEST YEAR ENDED DECEMBER 31, 2015 UTILITY PLANT IN SERVICE-RETIREMENTS

CWIP Adjustment \$2,479,307 (A)
 Retirement Percentage 17.48% (B)
 Recommended Adjustment \$433,383

- (A) Schedule ACC-4.
- (B) Company Filing, Workpapers to Adjustment PLT-2.

KANSAS GAS SERVICE TEST YEAR ENDED DECEMBER 31, 2015

UTILITY PLANT IN SERVICE-CWIP CORPORATE

3. Recommended Adjustment	(<u>\$388,294)</u>	
2. CWIP In-Service by June 30, 2016	1,501,396	(B)
1. Company Claim	\$1,889,690	(A)

- (A) Response to KCC-26.
- (B) Response to KCC-335.

KANSAS GAS SERVICE

TEST YEAR ENDED DECEMBER 31, 2015

ACCUMULATED DEPRECIATION - RETIREMENTS

1. Recommended Plant Adjustment

\$433,383

(A)

2. Recommended Reserve Adjustment

\$433,383

Sources:

(A) Schedule ACC-5.

KANSAS GAS SERVICE

TEST YEAR ENDED DECEMBER 31, 2015

GAS STORAGE INVENTORY

1. Average Balance - 13 Months Ending June 30, 2016	\$27,204,001	(A)
2. Company Claim	30,779,589	(B)
3. Recommended Adjustment	(<u>\$3,575,588</u>)	

- (A) Response to KCC-338.
- (B) Company Filing, Section 6, Schedule 6-B, page 1.

KANSAS GAS SERVICE

TEST YEAR ENDED DECEMBER 31, 2015

OPERATING INCOME SUMMARY

		S	chedule No.
1.	Company Claim	\$44,306,736	1
2.	Salary and Wages - Update	1,754,802	10
3.	Salary and Wages - Union Increase	219,668	11
4.	Salary and Wages - Corporate	(761,439)	12
5.	Short-Term Incentive Expense	2,257,250	13
6.	Long Term Incentive Expense	1,399,594	14
7.	Pension/OPEB Shared Savings Expense	2,040,201	15
8.	SERP Expense	424,203	16
9.	Medical Benefit Expense	369,829	17
10.	Medical Benefit Expense-Corporate	74,979	18
11.	Uncollectible Expense	254,145	19
12.	Resarch and Development Expense	190,338	20
	Shared Services Expense	52,593	21
14.	Workers Compensation Expense	155,962	22
15.	Meals and Entertainment Expense	108,459	23
16.	Advertising Expense	8,307	24
17.	Membership Dues Expense	42,637	25
18.	Depreciation Expense	33,405	26
19.	Depreciation Expense - Corporate	18,653	27
	Interest Synchronization	646,777	28
21.	Net Operating Income	<u>\$53,597,098</u>	

KANSAS GAS SERVICE

TEST YEAR ENDED DECEMBER 31, 2015

SALARY AND WAGE EXPENSE-UPDATE

Original Company Adjustment \$2,364,771 (A)
 Updated Company Adjustment (538,128) (B)
 Total Adjustment \$2,902,899
 Income Taxes @ 39.55% 1,148,097
 Operating Income \$1,754,802

- (A) Company Filing, Adjustment IS-23.
- (B) Response to KCC-275.

KANSAS GAS SERVICE

TEST YEAR ENDED DECEMBER 31, 2015

SALARY AND WAGE EXPENSE - UNION INCREASE

Updated Pro Forma Increase Per Company		\$16,153,356	(A)
2. November 2016 Embedded Increase		2.00%	(A)
3. Adjustment to Remove November 2016 Increa	ase	\$316,732	(B)
4 Related Taxes and Benefits 1	14.73%	46,655	(A)
5. Total Recommended Adjustment		\$363,387	
6. Income Taxes @	39.55%	143,720	
7. Operating Income		\$ <u>219,668</u>	

- (A) Response to KCC-275.
- (B) (Line 1 / 1.02) Line 1

KANSAS GAS SERVICE

TEST YEAR ENDED DECEMBER 31, 2015

SALARY AND WAGE EXPENSE - CORPORATE

Original Company Adjust	stment	\$1,198,841	(A)
2. Updated Company Adjustment		2,458,459	(B)
3. Total Adjustment		(\$1,259,618)	
4. Income Taxes @	39.55%_	(498,179)	
5. Operating Income		(\$761,43 <u>9</u>)	

- (A) Company Filing, Adjustment IS-32.
- (B) Response to KCC-285.

KANSAS GAS SERVICE

TEST YEAR ENDED DECEMBER 31, 2015

SHORT TERM INCENTIVE COMPENSATION EXPENSE

Company Claim	\$4,114,940	(A)
2. Recommended Adjustment (%)	75.00%	(B)
3. Recommended Adjustment (\$)	\$3,086,205	
4. Related Taxes and 401K Costs	12.69% 391,639	(C)
5. Total Recommended Adjustment	\$3,477,844	
6. Income Taxes @	39.55% 1,220,594	
7. Utility Operating Income	\$ <u>2,257,250</u>	

- (A) Response to CURB-26.
- (B) Reflects 50% sharing.
- (C) Reflects 7.65% payroll taxes and 5.04% 401K contribution per Company workpapers.

KANSAS GAS SERVICE

TEST YEAR ENDED DECEMBER 31, 2015

LONG TERM INCENTIVE COMPENSATION EXPENSE

1. Restricted Stock Ad	justment	\$841,206	(A)
2. Performance Share	s Adjustment	1,474,086	(A)
3. Total Recommende	d Adjustment	\$2,315,292	
4. Income Taxes @	39.55%	915,698	
5. Utility Operating Inc	ome	\$1,399,594	

Sources:

(A) Response to CURB-26.

KANSAS GAS SERVICE TEST YEAR ENDED DECEMBER 31, 2015 PENSION/OPEB SHARED SAVINGS EXPENSE

1. Company Claim \$3,375,022 (A)

3. Utility Operating Income \$2,040,201

Sources:

(A) Company Filing, Adjustment IS-28.

KANSAS GAS SERVICE

TEST YEAR ENDED DECEMBER 31, 2015

SUPPLEMENTAL EXECUTIVE RETIREMENT PROGRAM EXPENSE

1. Recommended Adjustment 701,742 (A)

2. Income Taxes @ 39.55% <u>277,539</u>

3. Operating Income Adjustment \$424,203

Sources:

(A) Response to CURB-123.

KANSAS GAS SERVICE

TEST YEAR ENDED DECEMBER 31, 2015

MEDICAL BENEFIT EXPENSE

Company Claim		\$9,814,944	(A)
2. Actual Twelve Months through June 30, 2016		8,940,703	(B)
3. Total Recommended Adjustment		\$874,241	
4. Capitalization Ratio		69.98%	(C)
5. Recommended Expense Adjustment		\$611,794	
6. Income Taxes @	39.55%	241,964	
7. Operating Income Impact		\$369,829	

- (A) Company Filing, Adjustment IS-24.
- (B) Derived from workpapers to Adjustment IS-24 and Response to KCC-297. Reflects 1/2 of October 2015 adjustment of \$664,0000.
- (C) Response to KCC-297.

KANSAS GAS SERVICE

TEST YEAR ENDED DECEMBER 31, 2015

MEDICAL BENEFIT EXPENSE-CORPORATE

Company Claim		\$4,142,515	(A)
2. Actual Twelve Months through June 30, 2016		3,768,608	(B)
3. Total Recommended Adjustment		\$373,907	
4. Allocation Ratio		33.17%	(C)
5. Recommended Expense Adjustment		\$124,034	
6. Income Taxes @	39.55%	49,056	
7. Operating Income Impact		\$ <u>74,979</u>	

- (A) Company Filing, Adjustment IS-33.
- (B) Response to KCC-303.
- (C) Derived from Response to KCC-303.

KANSAS GAS SERVICE

TEST YEAR ENDED DECEMBER 31, 2015

UNCOLLECTIBLE EXPENSE

Sales Revenue - Present Rates	\$236,497,113	(A)
2. Transportation Revenue - Present Rates	36,489,045	(A)
3. Total Sales and Transporatation Revenue	\$272,986,158	
4. Bad Debt Percentage	1.13%	(B)
5. Pro Forma Bad Debt Expense	\$3,084,744	
6. Company Claim @ Present Rates	3,107,906	(C)
7. Recommended Adjustment-Present Rates	\$23,162	
8. Recommended Adjustment - Proposed Rates	397,259	(C)
9. Total Recommended Adjustment	\$420,421	
10. Income Taxes @ 39.55%	166,277	
11. Utility Operating Income	\$ <u>254,145</u>	

- (A) Company Filing, Section 17, Schedule 17A, page 1.
- (B) Company Workpapers, Adjustment IS 10 (Workpaper IS-10.2).
- (C) Company Workpapers, Adjustment IS 10.

KANSAS GAS SERVICE

TEST YEAR ENDED DECEMBER 31, 2015

RESEARCH AND DEVELOPMENT EXPENSE

1. Recommended Adjustment \$314,868 (A)

2. Income Taxes @ 39.55% 124,530

3. Operating Income Impact \$190,338

Sources:

(A) Company Filing, Adjustment IS-20.

KANSAS GAS SERVICE

TEST YEAR ENDED DECEMBER 31, 2015

SHARED SERVICES EXPENSE

Recommended Adjustment

\$87,002 (A)

2. Income Taxes @

39.55% 34,409

3. Operating Income Adjustment

\$52,593

Sources:

(A) Company Filing, Adjustment IS-16.

KANSAS GAS SERVICE

TEST YEAR ENDED DECEMBER 31, 2015

WORKERS COMPENSATION EXPENSE

Test Year Actual Expense	467,544	(A)
Company Claim	725,545	(A)
3. Recommended Adjustment	258,001	
4. Income Taxes @	39.55% 102,039	
5. Operating Income Adjustment	\$ <u>155,962</u>	

Sources:

(A) Company filing, workpapers to IS-21.

KANSAS GAS SERVICE

TEST YEAR ENDED DECEMBER 31, 2015

MEALS AND ENTERTAINMENT EXPENSE

1. Recommended Adjustment

179,419

(A)

2. Income Taxes @

39.55% 70,960

3. Operating Income Adjustment

\$108,459

Sources:

(A) Company filing, Section 11, Schedule 11-F, page 3.

KANSAS GAS SERVICE

TEST YEAR ENDED DECEMBER 31, 2015

ADVERTISING EXPENSE

		(A)	
1. MetroMedia, Inc.		\$1,645	
2. Leavenworth Times		457	
3. Russell Kafumann Comm.		7,252	(B)
4. Peterson Publications		1,700	
MetroMedia, Inc.		895	
Lawrence Journal World		840	
7. Russell Kafumann Comm.	_	953	
8. Total Recommended Adjustr	nent	\$13,742	
9. Income Taxes @	39.55%	5,435	
10. Operating Income Impact		\$ <u>8,307</u>	

- (A) Response to KCC-238.
- (B) Reflects 50% of total costs.

KANSAS GAS SERVICE

TEST YEAR ENDED DECEMBER 31, 2015

MEMBERSHIP DUES EXPENSE

1. AGA Dues		\$147,711	(A)
2. Lobbying Adjustment		6,647	(A)
3. Balance of AGA Dues		\$141,064	
4. Recommended Adjustment ((%)	50.00%	(B)
5. Recommended Adjustment (\$)		\$70,532	
6. Income Taxes @	39.55%	27,895	
7. Operating Income Adjustmen	nt	\$ <u>42,637</u>	

- (A) Derived from Workpapers to Adjustment IS-15 and the response to KCC-55.
- (B) Recommendation of Ms. Crane.

KANSAS GAS SERVICE

TEST YEAR ENDED DECEMBER 31, 2015

DEPRECIATION EXPENSE

Recommended Net CWIP Adjusted	ustment	\$2,045,924	(A)
2. Composite Depreciation Rate		2.70%	(B)
3. Recommended Adjustment		\$55,261	
4. Income Taxes @	39.55%	21,856	(A)
5. Utility Operating Income		\$33,405	

- (A) Schedule ACC-4 and Schedule ACC-5.(B) Derived from Company Filing, Section 10, Schedule 10-E, page 3.

KANSAS GAS SERVICE

TEST YEAR ENDED DECEMBER 31, 2015

DEPRECIATION EXPENSE-CORPORATE

Recommended CWIP Ac	djustment	\$388,294	(A)
Composite Depreciation Rate		7.95%	(B)
3. Recommended Adjustme	ent	\$30,857	
4. Income Taxes @	39.55%	12,204	(A)
5. Utility Operating Income		\$18,653	

- (A) Schedule ACC-4 and Schedule ACC-5.
- (B) Derived from Company Filing, Section 10, Schedule 10-E, page 3.

KANSAS GAS SERVICE

TEST YEAR ENDED DECEMBER 31, 2015

INTEREST SYNCHRONIZATION

Pro Forma Rate Base		\$896,524,542	(A)
2. Weighted Cost of Debt		1.98%	<u>(B)</u>
3. Pro Forma Interest Expense		\$17,706,360	
4. Company Claim		16,071,020	_ (C)
5. Decrease in Taxable Income		\$1,635,340	
6. Income Taxes @	39.55%	\$646,777	

- (A) Schedule ACC-8.
- (B) Schedule ACC-2.
- (C) Company Filing, Section 11, Schedule 11-G, page 1.

KANSAS GAS SERVICE

TEST YEAR ENDED DECEMBER 31, 2015

INCOME TAX FACTOR

1. Revenue	100.00%	
2. State Income Tax Rate	7.00%	(A)
3. Federal Taxable Income	93.00%	
4. Income Taxes @ 35%	32.55%	(A)
5. Operating Income	60.45%	
6. Total Tax Rate	39.55%	(B)

- (A) Reflects statutory rates per Company Filing, Schedule 11-G.
- (B) Line 2 + Line 4.

Schedule ACC-30

KANSAS GAS SERVICE

TEST YEAR ENDED DECEMBER 31, 2015

REVENUE MULTIPLIER

1. Revenue		100.00%	
2. Uncollectibles	-	1.13%	(A)
3. Net Revenue		98.87%	
4. State Income Taxes @	7.00%	6.92%	(B)
5. Federal Taxable Income		91.95%	
6. Income Taxes @ 35%	-	32.18%	(B)
7. Operating Income		59.77%	
8. Revenue Multiplier		1.6732	(C)

Sources:

- (A) Company Workpapers, Adjustment IS 10 (Workpaper IS-10.2).
- (B) Reflects statutory rates per Company Filing, Schedule 11-G.
- (C) Line 1 / Line 5.

KANSAS GAS SERVICE

TEST YEAR ENDED DECEMBER 31, 2015

REVENUE REQUIREMENT IMPACT OF ADJUSTMENTS

1.	Rate of Return	(\$15,756,003)
	Rate Base Adjustments:	
2.	CWIP	(255,313)
3.	CWIP-Corporate	(39,986)
	Gas Storage Inventory	(368,206)
	Operating Income Adjustments	
5.	Salary and Wages - Update	(2,902,899)
6.	Salary and Wages - Union Increase	(363,387)
7.	Salary and Wages - Corporate	1,259,618
8.	Short-Term Incentive Expense	(3,734,078)
9.	Long Term Incentive Expense	(2,315,292)
10.	Pension/OPEB Shared Savings Expense	(3,375,022)
11.	SERP Expense	(701,742)
12.	Medical Benefit Expense	(611,794)
13.	Medical Benefit Expense-Corporate	(124,034)
14.	Uncollectible Expense	(420,421)
15.	Resarch and Development Expense	(314,868)
16.	Shared Services Expense	(87,002)
17.	Workers Compensation Expense	(258,001)
18.	Meals and Entertainment Expense	(179,419)
	Advertising Expense	(13,741)
20.	Membership Dues Expense	(70,532)
21.	Depreciation Expense	(55,261)
	Depreciation Expense - Corporate	(30,857)
23.	Interest Synchronization	(1,069,937)
24.	Revenue Multiplier	41,813
25.	Total Recommended Adjustments	(\$31,746,365)
25.	Company Claim	35,446,665
27.	Revenue Requirement Deficiency	<u>\$3,700,300</u>

KANSAS GAS SERVICE

TEST YEAR ENDED DECEMBER 31, 2015

PRO FORMA INCOME STATEMENT

	Per	Recommended	Pro Forma Present	Recommended Rate	Pro Forma Proposed
	Company	Adjustments	Rates	Adjustment	Rates
1. Operating Revenues	\$287,931,412	\$0	\$287,931,412	\$3,700,300	\$291,631,712
Operating Expenses Depreciation and Amortization Taxes Other Than Income	149,697,239 49,009,930 25,015,512	(14,212,616) (86,118) 0	135,484,623 48,923,812 25,015,512	41,813 0 0	135,526,437 48,923,812 25,015,512
5. Taxable Income Before Interest Expenses	\$64,208,731	\$14,298,734	\$78,507,465	\$3,658,487	\$82,165,952
Interest Expense	16,071,020	1,635,340	17,706,360		17,706,360
7. Taxable Income	\$48,137,711	\$12,663,394	\$60,801,105	\$3,658,487	\$64,459,592
8. Income Taxes @ 39.55%	19,901,996	5,008,372	24,910,368	1,446,931	26,357,300
9. Operating Income	\$44,306,735	\$9,290,362	\$53,597,097	\$2,211,555	\$55,808,653
10. Rate Base	\$902,967,731		\$896,524,542		\$896,524,542
11. Rate of Return	<u>4.91%</u>		5.98%		6.23%

APPENDIX C

REFERENCED DATA REQUESTS:

CURB-18

CURB-26

CURB-48

CURB-112

CURB-117

CURB-118

CURB-119

CURB-123

KCC-26

KCC-55

KCC-60

KCC-61

KCC-63*

KCC-238

KCC-273

KCC-275*

KCC-285*

KCC-297

KCC-303

KCC-306

KCC-317

KCC-335

KCC-338

^{*} Confidential Responses Not Included

Docket Number 16-KGSG-491-RTS **Information Request**

Data Request: 16-491 CURB-018

Company Name: Kansas Gas Service, a Division of ONE Gas, Inc.

Request Date: 5/16/2016

Date Information Needed: 5/31/2016

Requested By: David Nickel

Page 1of 1

Please provide the following:

Do companies that do not participate in OTD projects benefit from the projects and processes developed by OTD or are such benefits limited only to those utilities that contribute to OTD? Please explain in your response how such benefits are shared by non-participants and/or limited to participating entities.

OTD data and reports are proprietary to member companies. However, an OTD member may share information within the corporation regardless of whether the division in another state is an OTD member.

Prepared by: Edelstein, Ron

Verification of Response

I have read the foregoing Information Request and answer(s) thereto and find answer(s) to be true, accurate, full and complete and contain no material misrepresentations or omissions to the best of my knowledge and belief; and I will disclose to the Commission Staff any matter subsequently discovered which affects the accuracy or completeness of the answer(s) to this Information Request.

Signed: Ward Wittenwar.

Date: MAy 19, 2016

Docket Number 16-KGSG-491-RTS Information Request

Data Request: 16-491 CURB-026

Company Name: Kansas Gas Service, a Division of ONE Gas, Inc.

Request Date: 5/16/2016

Date Information Needed: 5/31/2016

Requested By: David Nickel Page 1of 1

Please provide the following:

Please identify the amount included in the Company's filing relating to a) short-term incentive awards, b) restricted LTI awards, and c) performance LTI awards. Please breakout the total costs and the amount expensed. Please provide this information separately for KGS employees/officers and for employees/officers of other entities whose costs are allocated or charged to KGS.

Please see "Attachment CURB 026.xlxs" containing KGS and corporate amounts related to short-term, restricted long-term, and performance long-term incentive compensation included in the Company's filing.

Prepared by: Crystal Turner

Verification of Response

I have read the foregoing Information Request and answer(s) thereto and find answer(s) to be true, accurate, full and complete and contain no material misrepresentations or omissions to the best of my knowledge and belief; and I will disclose to the Commission Staff any matter subsequently discovered which affects the accuracy or completeness of the answer(s) to this Information Request.

Signed: Wary 25, 2016

KANSAS GAS SERVICE, A DIVISION OF ONE GAS, INC. Docket No. 16-KGSG-491-RTS Data Request CURB No. 26 Attachment CURB 026 Page 1 of 1

					2015	Per b	ook				201	5 Per Book E	xpensed Aı	nount			ADJUST	STI DO	WN TO 100%				DIRECT & ALLO		IEXPENSE
																61.92%	Adjustm	nent Rat	io			33.2967%	Q1 2016 DISTR	IGAS ALLO	CATION
Account					Named							Named					Nam				NOTE		Named		
Number	Account Title		Total	Ε	xecutives		Officers	E	mployees		Total	Executives	Office	s En	nployees	Total	Execu	tive s	Officers	Employees	:	Total	Executives	Officers	Employees
4081103	Gen Tax FICA Ince	ntive																							
	KGS	\$	201,000					\$	201,000		128,032				128,032	79,277				79,27 7		79,277	-	-	79,277
	Corporate	_\$_	611,000	_ \$_	44,503	3 \$	60,877	\$	505,619	_	611,000	44,503	60,	377	505,619	378,328	2	27,556_	37,695	313,077	. 1 .	125,971	9,175	12,551	104,244_
Total		\$	812,000	\$	44,503	3 \$	60,877	\$	706,619	_5	\$ 739,032	\$ 44,503	\$ 60,	377 \$	633,652	\$ 457,608	\$ 2	27,556	\$ 37,695	\$ 392,354		\$ 205,248	9,175	12,551	183,521
9200700	A&G SALARIES IN	CEN							2 442 222		0.405.474			,	0.405.474	4.544.000				4.544.000		4.544.000			4.544.000
	KGS	5	3,449,000					\$	3,449,000		2,495,174				2,495,174	1,544,999				1,544,999		1,544,999			1,544,999
	Corporate	-\$-	10,478,000		2,242,230	_	2,032,233		6,203,537		10,478,000	2,242,230			6,203,537	6,487,926		38,378	1,258,349	3,841,199	. 1 .	2,160,265	462,284	418,989	1,278,993
Total		<u> </u>	13,927,000) \$	2,242,230	3	2,032,233	_\$_	9,652,537		\$ 12,973,174	\$ 2,242,230	\$ 2,032,	233 \$ 8	8,698,710	\$ 8,032,925	\$ 1,38	38,378	\$ 1,258,349	\$ 5,386,198		\$ 3,705,264	462,284	418,989	2,823,992
9260197	A&G Empl Ben Ac	cr 40																							
	KGS	\$	164,000					\$	164,000		164,000				164,000	101,548				101,548		101,548	-	-	101,548
	Corporate	_\$_	499,000		60,947		103,621	\$	334,432	_	499,000	60,947			334,432	308,978		37,738	64,161	207,079	, 1 ,	102,880	12,566	21,364	68,950
Total		_\$_	663,000	\$	60,947	7 \$	103,621	\$	498,432		\$ 663,000	\$ 60,947	7_\$ 103,	321 \$	498,432	\$ 410,526	\$:	37,738	\$ 64,161	\$ 308,627		\$ 204,428	12,566	21,364	170,498
Total STI C	Components	\$	15,402,000	\$	2,347,681	\$	2,196,731	\$	10,857,588		14,375,206	2,347,68	2,196,	731 9	9,830,794	8,901,056	1,4	53,672	1,360,205	6,087,179		\$ 4,114,940	\$ 484,025	\$ 452,903	3,178,011

NOTE 1: The ADJUSTED DIRECT & ALLOCATED STI EXPENSE INCLUDED IN THIS FILING Corporate Totals will differ from the IS 31 adjustment supporting workpaper totals because IS 31 is based on the actual 2015 quarterly allocations whereas this response is based upon the Q1 2016 allocation. Proforma Adjustment IS 30 accounts for the first quarter 2016 change in the Distrigas allocations.

				2015 P	er book				2015 Per Boo	k Expen	sed Amoun						DIRECT &	ALL		OCATED LTI INCLU FILING
																	33.2967%	Q1	2016 DIST	2016 DISTRIGAS ALL
	A&G Salaries LT	Incent	- Restricted															_		
	KGS	\$	288,350		\$	3,568	\$ 244,782	288,3	50		43,568	244,782	2				288,350		-	- 43,56
	Corporate	\$	1,660,393	326,597	\$3	0,754	\$ 1,003,041	1,660,39	326	597	330,754	1,003,041	1_				552,856		108,746	108,746 110,13
al		\$	1,948,743	326,597	\$ 3	4,322	1,247,823	1,948,74	326	,597	374,322	1,247,823	3				841,206	_	108,746	108,746 153,69
	A&G Salaries LT	Incent	- Performance																	
	KGS	\$	234,996		\$	9,932	\$ 145,064	234,99	96		89,932	145,064	4				234,996			- 89,93
	Corporate	\$	3,721,360	2,154,725	\$ 1,0	5,187	521,448	3,721,36	0 2,154	725	1,045,187	521,448	8				1,239,090		717,453	717,452 348,01
i		\$	3,956,356	2,154,725	\$ 1,1	5,118	\$ 666,513	\$ 3,956,3	6 \$ 2,154	725 \$	1,135,118	\$ 666,513	3				\$ 1,474,086	_	\$ 717,452	\$ 717,452 \$ 437,94
TI			5,905,099	2,481,323	1,5	9,440	1,914,336	5,905,0	9 2,481	,323	1,509,440	1,914,336	6				\$ 2,315,292		\$ 826,199	\$ 826,199 \$ 591,64

Docket Number 16-KGSG-491-RTS Information Request

Data Request: 16-491 CURB-048

Company Name: Kansas Gas Service, a Division of ONE Gas, Inc.

Request Date: 5/16/2016

Date Information Needed: 5/31/2016

Requested By: David Nickel

Page 1of 1

Please provide the following:

Please provide, for each year since FAS 87 was adopted,

a. the market rate of return (%) actually earned on pension assets, and

b. the amount of return (\$) earned on pension plan assets.

The annual percentage and dollar return for the ONE Gas portion of the pension plan is listed in the table below for the years 2014 and 2015. The amounts for the period 2003 – 2013 represents those allocated to the utility operations within ONEOK.

	Rate of	Dollar Amount of
	Return	Return based on rate
2003	26.25%	\$115,945,706
2004	14.12%	\$72,092,658
2005	4.65%	\$24,608,349
2006	12.96%	\$70,141,178
2007	7.11%	\$39,473,311
2008	-29.35%	(\$147,848,215)
2009	20.41%	\$102,951,183
2010	14.54%	\$89,747,381
2011	-0.82%	(\$5,530,443)
2012	9.95%	\$70,453,719
2013	18.52%	\$145,572,269
2014	6.84%	\$67,049,551
2015	-0.74%	(\$6,053,898)

Prepared by: Mark W. Smith

Verification of Response

I have read the foregoing Information Request and answer(s) thereto and find answer(s) to be true, accurate, full and complete and contain no material misrepresentations or omissions to the best of my knowledge and belief; and I will disclose to the Commission Staff any matter subsequently discovered which affects the accuracy or completeness of the answer(s) to this Information Request.

Signed: Wacid Willeum

Date: May 27, 20/6

Docket Number 16-KGSG-491-RTS Information Request

Data Request: 16-491 CURB-112

Company Name: Kansas Gas Service, a Division of ONE Gas, Inc.

Request Date: 8/15/2016

Date Information Needed: 8/29/2016

Requested By: David Nickel

Page 1of 1

Please provide the following:

Please state if the consolidated income tax group of which KGS is a member has net operating loss carryfowards ("NOLs") available. If so, please quantify all NOLs available to the group, state when each NOL will expire, and state how such NOLs are allocated among the group members.

The consolidated income tax group, ONE Gas, Inc. and Subsidiaries has the following NOLs available:

C	NE Gas, Inc. and Sub	sidiaries	
1	let Operating Loss Ca	rryforwards	
A	s of 12/31/2015		
	Federal	Gross Amount	Expires
1	2014 Actual	(19,318,876)	Tax Year 2034
	2015 Estimated	(7,610,098)	Tax Year 2035
		(26,928,974)	
			-

Any NOL would be recorded on the parent company's books and records. The NOL's are not allocated among the group members. Each divisions' books contain their stand-alone NOL calculation, consistent with the regulatory practice of calculating income tax expense on a stand-alone divisional basis.

Prepared by: Kristi Bolles

Verification of Response

I have read the foregoing Information Request and answer(s) thereto and find answer(s) to be true, accurate, full and complete and contain no material misrepresentations or omissions to the best of my knowledge and belief; and I will disclose to the Commission Staff any matter subsequently discovered which affects the accuracy or completeness of the answer(s) to this Information Request.

Date: August 29, 2016

Docket Number 16-KGSG-491-RTS Information Request

Data Request: 16-491 CURB-117

Company Name: Kansas Gas Service, a Division of ONE Gas, Inc.

Request Date: 8/23/2016

Date Information Needed: 8/30/2016

Page 1 of 1 Requested By: David Nickel

Please provide the following:

Do members of the consolidated income tax group have a tax sharing agreement? If so, please provide a

No. There is no tax sharing agreement among the members of the ONE Gas, Inc. consolidated income tax group.

Prepared by: Kristi Bolles

Verification of Response

I have read the foregoing Information Request and answer(s) thereto and find answer(s) to be true, accurate, full and complete and contain no material misrepresentations or omissions to the best of my knowledge and belief; and I will disclose to the Commission Staff any matter subsequently discovered which affects the accuracy or completeness of the answer(s) to this Information Request.

Date: Hugest 29 2016

Docket Number 16-KGSG-491-RTS Information Request

Data Request: 16-491 CURB-118

Company Name: Kansas Gas Service, a Division of ONE Gas, Inc.

Request Date: 8/23/2016

Date Information Needed: 8/30/2016

Requested By: David Nickel Page 1 of 1

Please provide the following:

Are members of the consolidated income tax group paid for their tax losses by other group members? If so, please confirm that the deferred income tax asset associated with NOLs is reduced when payment is made to the tax loss company by other members of the consolidated income tax group.

No. Members of the consolidated income tax group are not paid for their tax losses by other group members.

Prepared by: Kristi Bolles

Verification of Response

I have read the foregoing Information Request and answer(s) thereto and find answer(s) to be true, accurate, full and complete and contain no material misrepresentations or omissions to the best of my knowledge and belief; and I will disclose to the Commission Staff any matter subsequently discovered which affects the accuracy or completeness of the answer(s) to this Information Request.

Signed: Novil Willen.

Date: August 29, 2016

Docket Number 16-KGSG-491-RTS Information Request

Data Request: 16-491 CURB-119

Company Name: Kansas Gas Service, a Division of ONE Gas, Inc.

Request Date: 8/23/2016

Date Information Needed: 8/30/2016

Page 1of 1 Requested By: David Nickel

Please provide the following:

If members of the consolidated income tax group are not paid for their tax losses by the other group members, a) please explain why no such payment is made, and b) confirm that the deferred income tax asset associated with NOLs would be reduced if payment was made to the tax loss company by other members of the consolidated income tax group.

- a) No such payment is made by the consolidated income tax group members because primary members of the consolidated group include three separate regulated utility divisions serving three different jurisdictions. The non-utility portion of the group is very small relative to the other group members. We attribute the tax benefits and expenses to each utility as if it were a stand-alone entity, in order to reflect only the regulated utility ADIT and to exclude non-regulated tax matters.
- b) If payment was made to the tax loss company by other members of the consolidated income tax group, the deferred income tax asset could be reduced to the extent the reduction did not violate normalization rules. However, for ratemaking purposes the KCC has historically calculated income tax expense, the ADIT liability and the NOL on a stand-alone basis.

Prepared by: Kristi Bolles

Verification of Response

I have read the foregoing Information Request and answer(s) thereto and find answer(s) to be true, accurate, full and complete and contain no material misrepresentations or omissions to the best of my knowledge and belief; and I will disclose to the Commission Staff any matter subsequently discovered which affects the accuracy or completeness of the answer(s) to this Information Request.

Signed: Nacil Witten.
Date: Acignor 30, 2016

Docket Number 16-KGSG-491-RTS Information Request

Data Request: 16-491 CURB-123

Company Name: Kansas Gas Service, a Division of ONE Gas, Inc.

Request Date: 8/24/2016

Date Information Needed: 9/8/2016 Requested By: David Nickel

Page 1of 1

Please provide the following:

Please identify the SERP costs included in the Company's revenue requirement claim in this case.

Please see attachment 16-491 CURB 123 Attachment.xlsx.

Prepared by: Lorna Eaton

Verification of Response

I have read the foregoing Information Request and answer(s) thereto and find answer(s) to be true, accurate, full and complete and contain no material misrepresentations or omissions to the best of my knowledge and belief; and I will disclose to the Commission Staff any matter subsequently discovered which affects the accuracy or completeness of the answer(s) to this Information Request.

Signed: Wail Willen

Date: August 30, 20/6

16-KGSG-491-RTS 16-491 CURB 123 2015 SERP Costs

			YTD Expense		
	201	l5 Expense	Ratio	Ne	t Expense
9260111 A&G EMPL BEN ACTUARY SERP	\$	614,522	70.57%	\$	433,668
9260995 A&G EMPL BEN SERP DISTRIGAS ALLOC	\$	379,869	70.57%	\$	268,074
			•	ς	701 742

Docket Number 16-KGSG-491-RTS Information Request

Data Request: 16-491 KCC-026: CWIP

Company Name: Kansas Gas Service, a Division of ONE Gas, Inc.

Request Date: Preliminary Requests Date Information Needed: TBA Requested By: Justin Grady

Page 1of 1

Please provide the following:

Please provide a list of each CWIP work order/project included in the application that is subsequent to the test year. The list should contain a detailed description of the work order/project, amount, estimated in-service date, and projected FERC plant account number(s). Please provide the list in an Excel format with the formulas intact.

Please see KCC-026 Attachment A, for a list of CWIP projects that were included in adjustment PLT 1. Work orders that have been placed in service as of 5/12/16, have been designated as in service on the spreadsheet. KGS expects all other work orders to be placed in service no later than 12/31/16. Subsequent to the end of the test year, the balance in KGS Net Plant in Service has increased more than the CWIP included in adjustment PLT 1. The increase includes the CWIP projects that have been placed in service since 12/31/15. Please see the table below:

	December 2015	April 2016	Change in Plant In Service
101 - Plant in Service	1,666,172,952	1,689,980,937	23,807,985
106 - Construction not Classified	35,867,378	37,517,996	1,650,618
Total Plant in Service	1,702,040,330	1,727,498,933	25,458,603
108 - Accumulated Reserve	(588,938,048)	(592,394,692)	(3,456,645)
Unadjusted Net Plant in Service	1,113,102,282	1,135,104,240	22,001,958

Please see KCC-026 Attachment B containing a list of corporate work orders/projects in CWIP as of December 31, 2015, that are included in adjustment PLT 3 and ADA 2. Work orders that have been placed in service as of 4/30/16, have been designated as in service in the attachment. The Company expects all other work orders to be placed in service no later than 12/31/16.

Prepared by: Lorna Eaton

Verification of Response

I have read the foregoing Information Request and answer(s) thereto and find answer(s) to be true, accurate, full and complete and contain no material misrepresentations or omissions to the best of my knowledge and belief; and I will disclose to the Commission Staff any matter subsequently discovered which affects the accuracy or completeness of the answer(s) to this Information Request.

Signed: 201101 M Eaton

Date: 5/13/16

	INSTALL 5.8 MILES OF LINE 0248 MP 0 TO MP 6.5		Status as of 5/12 In Service	/2016 FERC Accent
	REMOVE HARMAC SUSPENSION BRIDGE	99,459.96	In Service	
	REPLACE EXPOSED CREEK CROSSING P0618 MP 2.3 TO MP 2.5 WITH 1000' OF 6" TF HERINGTON	146,564.01		367
	SURVEY 7.3 MILES FOR PROPOSED REPLACEMENT-CENTRALIA LINE 04S3	24,396.96		365.2, 367
	INSTALL FENCE AT PRATT #3 TBS UPGRADE MEASUREMENT AT HUTCHINSON ENERGY CENTER	3,334.48		350
	UPGRADE MEASUREMENT AT HAVILAND TBS	243,130.03 841.26		369
	REBUILD PROTECTION TBS (T0087)	27,180.03		369
	REPLACE FISHER 630 2" REGULATOR VALVES R-1 AND R-2 ON CULLISON TBS WITH FISHER 627 2' REGULATOR	1,613.25		303
	INSTALL FOUR(4) MOONEY SERIES 20 PILOTS ON FOUR (4) GROVE AXIAL FLOW REGULATORS AT HUTCHINSON TBS #2	2,656.43		
051.046.3612.010112	INSTALL RECEIVER AT WAMEGO TBS#1	137,038.17	Active	365.2,367
	PURCHASE RIGHT OF WAY FOR 5.5 MILES OF 8 INCH DISTRIBUTION LINE TO SERVE SALINA ,KANSAS	34,399.82	Active	365.2
	INSTALL GROUNDING RODS FOR TBS'S IN THE ABILENE TRANSMISION WORK AREA	18,165.20		
	INSTALL FLOW COMPUTER AND SCADA EQUIPMENT - BREHM STORAGE INTERCONNECT	8,780.69		
	INSTALL NEW ODORIZER FILTRATION SYSTEM AT HUTCHINSON COMPRESSOR STATION	19,888.48		
	INSTALL REAL-TIME HCA CATHODIC MONITORING - HUTCH AREA INSTALL GROUNDING RODS FOR 28 TBS' IN THE PRATT TRANSMISION WORK AREA	5,962.05 7,855.33		
	INSTALL MAOP PROTECTION CONTROL VALVES AT BREHM INTERCONNECT (A1015)	1,520.26		
	INSTALL A 24'X24' INSULATED METAL BUILDING AT PRATT COMPRESSOR STATION	48,511.49		
	INSTALL A 12" X 10' OVERHEAD DOOR AT THE MINNEOLA COMPRESSOR SHOP		In Service	
051.051.3521.010188	MEA ESTIMATE -183RD AND WAVERLY - CONCRETE PLANT	5,674.21	Active	
051.051.3521.010189	MEA 1915T AND MONTROSE INLAND PORT BUILDINGS 13,14 AND 15	1,270.43	In Service	
051.051.3522.010389	HERRINGTON PARK 4TH - 64TH & LAKECREST	9,199.74	Cancelled	
	LAMAR MEA FROM 138TH TO GOLDEN BEAR	10,165.08		
	MEA ESTIMATE - 159TH AND ANTIOCH - COFFEE CREEK PHASE I - HOSPITAL FOR CONTRACTOR	(44,648.57)		
	MEA 133RD AND STATE LINE ROAD	93,963.48		
	MEA- 82ND STREET AND LONE ELM ROAD	(94,310.01)		
	MEA 159TH AND METCALF WASTEWATER PUMP STATION		In Service	
	97TH AND HASTINGS ST CANYON CREEK HIGHLANDS 2ND PLAT MEA - COTTONWOOD CANYON 8TH AND 9TH PLAT	(32,338.33) (4,960.43)		
	BLUHAWK MARKETPLACE - 159TH AND ANTIOCH	(26,639.28)		
	MEA - BLUHAWK RESIDENTIAL PHASE 2	(16,614.94)		
	179TH ST & US 69 HIGHWAY-TOPOGRAPHIC AND SURVEY MAPS		Cancelled	
051.051.3522.010599	MEA-179TH ST: ANTIOCH TO METCALF- ARBOR VIEW-INSTALL 1,850'-6" PE, 3,600'-4" PE & 1,160"-4" TF	724,060.14		
	MEA - 127TH AND FOSTER	(1,168.83)		
051.051.3522.010601	MEA ESTIMATE - WILSHIRE RIDGE 166TH ST AND ANTIOCH RD	(15,260.37)	In Service	
051.051.3522.010603	MEA- 179TH & ANTIOCH- ARBOR VIEW SUBDIVISION PHASE 1- INSTALL 1,220' - 4" & 2,070' - 2" PE MAIN	(110,968.00)	In Service	
051.051.3522.010607	MEA - 151ST AND CHADWICK - VILLAS OF IRONWOODS	(8,193.07)	In Service	
	MEA ESTIMATE - 22351 CEDAR ST		In Service	
	MEA MEADOW AND NORWOOD - LEABROOK 3RD PLAT	(212.57)		
	BLUHAWK MARKETPLACE (159TH AND ANTIOCH) BUILDINGS B AND C	316.51		
	MEA-CLEAR CREEK PARKWAY & LAKECREST- HILLS OF FOREST CREEK FOURTH PLAT PHASE 1- INSTALL 2" AND 4" PE MEA- 157TH ST & WINDSOR- WATERSEDGE PLAT 4- INSTALL 2,025' - 2" PE MAIN TO SERVE NEW SUBDIVISION	(4,317.00)		
	ROCK CREEK ESTATES #4 SUBDV., MEA, LANS.	(3,355.00) 6,121.20		
	NDU - INSTALL 2745' OF 2" PE PIPE FOR NEW SENIOR HOUSING PROJECT LOCATED @ W 1ST & PENNSYLVANIA AVE	22,986.28		
	ARBOR VALLEY, TOPEKA, KS MEA	14,763.33		
051.051.3541.010291	KANZA FIRE PHASE II GO TOPEKA MEA TO SERVE KANZA FIRE IND PK INNOVATION PKWY	720,990.96	Active	376
051.051.3541.010292	NW BUTTON RD AND NW BEAUMONT ST	20.26	In Service	
051.051.3622.010125	18 CLARKSON RD - MAIN EXTENSION	(260.28)	In Service	
	MEA OXFORD POINTE. HUTCHINSON	28,676.49		
	INSTALL 7S' OF 2" MDPE TO SERVE ONE CUSTOMER AT 1736 SEVILLE DR.		In Service	
	QUAIL RIDGE SUBDIVISION- NEWMAIN	14,391.10		
	2720 SYLER DR - NEWMAIN PROJECT FCT 51 - NCRA MAIN EXTENSION - NEWMAIN		In Service	
	1807 N MAIN ST- MAIN EXT.	(321.12)		
	GAS MAIN EXTENSION / EASEMENT W OF HILLTOP DR & N OF 8TH / BELOIT	(2,341.78)		
	GAS MAIN EXTENSION / AVON AND COOPER / CLIFTON, KS		In Service	
051.051.3651.010266	MANHATTAN - INSTALL 2" PE MAIN TO NEW BB PRACTICE FACILITY	(0.10)	Cancelled	
051.051.3651.010331	NDU-MANHATTAN-NBAF 6" MAIN EXTENSION ON KIMBALL AVE	(65,283.04)	Active	
	NDU - MANHATTAN - MEA WHISPERING MEADOWS UNIT 3	22,752.72	In Service	
	NDU - STONE VALLEY UNIT 2 MEA	3,673.41	Active	
	NDU-LEE MILL HEIGHTS UNIT NINE-MANHATTAN- LAMONTE DR, LAMONTE CIR AND LAUDEN CT.		In Service	
	NDU - MANHATTAN - ELBO CREEK ESTATES MEA - INSTALL 1,170'-4"PE	19,049.20		
	NDU - MANHATTAN - NELSON RIDGE UNIT 3 - INSTALL 1,395"-2"PE IN NEW SUBDIVISION NDUEXTENDING SERVICE NORTH TO A NEW SUBDIVISION	14,283.25		
	NDU - ST GEORGE - INSTALL 160' 2"PE MAIN TO ACCESS NEW RESIDENTIAL SERVICE @ 203 3RD ST		In Service In Service	
	NDU - MANHATTAN - INSTALL 870'-2"PE TO ABBOTT'S LNDG	8,709.56		
	NDU-MANHATTAN SCENIC MEADOWS UNIT THREE (CONTINUING)	15,775.06		
	NDU- INTERLACHEN ADDITION-EXTENDING MAIN FOR FIELDHOUSE CIRCLE IN COLBERT HILLS	12,255.21		
	NDU- MANHATTAN ENCLAVE ADDITION UNIT 1		In Service	
051.051.3651.010355	NDU-MANHATTAN-GRAND ESTATES ADDITION- INSTALL 1,036" OF 2" PE IN NEW SUBDIVISION	1,446.30	Active	
051.051.3651.010356	NDU - MANHATTAN - BOYD'S PL ACE MEA @ 518 TUTTLE CREEK BLVD	1,996.26	In Service	
	NDU - MANHATTAN - KSU MEA FOR EAST BUILDING OF VANIER FOOTBALL COMPLEX - INSTALL 760'-2"PE	1,138.93	Active	
	NDU - SENECA - INSTALL 45'-2"PE TO RUN SERVICE @ 1514 SUNSET DR	1,172.94		
	NDU - CENTRALIA - EXTEND 2" PE MAIN 1SO' NORTH ON HWY 187 FOR NEW RESIDENCE	2,814.96		
	NDU - SENECA - INSTALL 180'-2"PE IN OHLSEN'S SUBDIVISON FOR LOT 7 (1906) ON AMADOR ST	2,461.43		
	EWO - S. HANDLEY & W. FIGG 7271 E. 37TH ST. N WICHITA CHILDRENS HOME - NEWMAIN	23,036.32		
	SOUTHFORK COMMERCIAL SUBDIVISION - NEWMAIN	103.74 26.489.65		
	INSTALL NEW 2" AND 4" PE MAIN TO SERVE PHASE III OF THE CATHOLIC LIFE CENTER LOCATED AT THE INTERSEC	74,355.41		
	PROJECT FCT OS1, SIERRA HILLS	6,183.38		
	PROJECT FCT 051, DISTRIBUTION NEW MAINS, SPECIFIC CASA BELLA 3RD ADDITION	31,021.18		
	MEA: INSTALL 2,668' OF 4" PE AND 1,386' OF 2" PE MAIN TO SERVE WICHITA DESTINATION DEVELOPMENT	84,303.73		
	MEA: INSTALL 1,325' OF 2" PE MAIN TO SERVE NEW RESIDENTIAL DEVELOPMENT AT 53RD AND HILLSIDE	21,175.49		
051.051.3721.011104	WATERFRONT 7TH ADDITION - WICHITA, KS	19,228.45	In Service	
051.051.3721.011111	PROJECT FCT 0S1, DISTRIBUTION NEW MIAN, COUNTRY ACRES, 6TH ADDITION	1,474.25	In Service	
	SOUTHERN RIDGE 3RD & 4TH ADDITION PHASE 3	6,013.47	In Service	
051.051.3721.011116	EWO - 1700 BLOCK OF N. ROCK - MAIN EXTENSION	9,573.09		
051.051.3721.011116 051.051.3721.011117	EWO - 1700 BLOCK OF N. ROCK - MAIN EXTENSION 502 N. MERCHANT , VALLEY STATE BANK - MAIN EXTENSION	(2,137.00)	Active	
051.051.3721.011116 051.051.3721.011117 051.051.3741.010118	EWO - 1700 BLOCK OF N. ROCK - MAIN EXTENSION	(2,137.00) 3,301.81	Active	

051.051.3741.010120	PROJECT FCT 051, 315 S. PECAN, DOUGLASS KS	1,327.39	Active	
051.051.3741.010121	EWO - NEW MAIN, 321 DICKINSON ST, KIOWA, KS	1,460.70	Active	
	INLAND PORT 12 30801 W 1915T STREET METER SETTING	5,724.83	Active	
	146S1 LINDEN STREET- INSTALL NEW 1.5M METER	340.90		
	8741 RYCKERT-LENEXA-HYATT PLACE HOTEL		In Service	
051.052.3522.010574	8741 RYCKERT-LENEXA-CONSTRUCT 5M METER SETTING WITH 7" WC DELIVERY	1,717.00	In Service	
051.052.3522.010589	8901B ROSEHILL-LENEXA-CEVA BIOMUNE-11M METER SETTING WITH 5 PSIG DELIVERY	5,884.88	In Service	
051.052.3522.010590	5925 / 5935 IKEA WAY METER SET	4,816.64	Cancelled	
	5945 IKEA WAY - HOBBY LOBBY 3M METER SET		In Service	
	8953 W. 13STH ST INSTALL 1.5M METER SET.		In Service	
	370 LAKESHORE WEST-LAKE QUIVIRA		Active	
051.052.3522.010608	5M PERMANENT METER SET FOR 10611 NALL AVE - TOPGOLF - OVERLAND PARK KS	117.15	In Service	
051.052.3522.010609	13605 W 96TH TERR, LENEXA, KS	(9.16)	In Service	
051.052.3522.010617	SPARHAWK LABS 3M METER - 12340 SANTA FE DRIVE	677.84	In Service	
051 052 3522 010624	91ST AND METCALF—GLENWOOD COMMONS STRIP MALL-PHASE I	853.83	In Service	
	12100 BLUE VALLEY PARKWAY 2M METER SETTING	2,175.42		
	6405 W 135TH- CORBIN PARK LLC PAD 3		In Service	
	6405 W 135TH CORBIN PARK LLC PAD 31.5 METER AND HEADER		In Service	
051.052.3522.010630	9160 S K7 HIGHWAY-LENEXA, SUBURBAN LAWN AND GARDEN7M METER SETTING FOR NEW BLDG/.	(2,405.55)	Active	
051.052.3522.010631	1401 FAIRFAX 11M METER SETTING	(167.74)	In Service	
051.052.3522.010634	5400 MARTWAY - THE PEANUT - 3M METER SETTING	1,102.86	In Service	
	5400 MARTWAY - THE PEANUT - 2" SERVICE LINE	141.92	Cancelled	
	10183 METCALF-VINCE AND ASSOCIATES 5M METER WITH 2 PSIG DELIVERY		In Service	
	2005 W 47TH PLACEINSTALL TEMP SERVICE FOR TEMP HEAT FOR WINTER CONSTRUCTION	9,773.74		
051.052.3522.010638	2005 W 47TH PLACE—WOODSIDE VILLAGE-INSTALL TEMP 5M METER WTH 4 PSIG DELIVERY FOR TEMP HEAT	1,874.50	Active	
051.052.3522.010639	13320 W 62ND TER - PLANET FITNESS - DUAL 3M METER HEADER	2,797.38	In Service	
051.052.3522.010640	16279 ANTIOCH 1.5M METER SETTING FOR NEW FIRE STATION	659.74	In Service	
	12830 JOHNSON DRIVE-2M HOUSE METER FOR VILLAGE COOPERATIVE	701.23	In Service	
	NDU - INSTALL A 2M ROTARY METER FOR TRIFECTIA SOLUTION LOCATED AT 1520 WILHELM DR. SABETHA, KS		In Service	
	412 241ST ROAD-HIGHLAND KS		In Service	
	NDU- INSTALL A 3M ROTARY METER FOR LESTER TRENTMAN LOCATED AT 600 5 HIGH ST.		In Service	
051.052.3533.010027	INSTALL 780 FEET OF 2" PE PIPE FOR A NEW SERVICE AT 427 ARIZONA AVE, HOLTON, KS	1,575.57	In Service	
051.052.3533.010028	INSTALL 5M ROTARY METER FOR NEW WALMART STORE @427 5 ARIZONA AVE HOLTON, KS	1,532.40	In Service	
051 052 3541 010073	6202 SW 6TH AVE-MAINSTREET HEALTH AND WELLNESS 5M METER WITH 2 PSIG DELIVERY PRESSURE	(200.00)	In Service	
	SEAMAN MIDDLE SCHOOL 2" PE SERVICE LINE 5530 NW TOPEKA, KS.		In Service	
	2" PE SRV TO 1801 SW WASHBURN NEW HSE & DINNING HALL		In Service	
		•		
	1801 SW WASHBURN WU HOUSING & DINING 7M METER WITH 2 PSIG DELIVERY PRESSURE		In Service	
	RAMADA INN - 3821 10TH ST - M&R	492.77	Active	
051.052.3621.010045	STEVE OHNMACHT - 392 N HWY 281 - M&R	91.83	Active	
	1705 MAPLE ST - HAMPTON INN - METER SET	5.95	In Service	
	INSTALL NEW 2M METER FOR BUFFALO WILD WINGS	982.18	In Service	
		4,231.35		
	NEW RESIDENTIAL SERVICE - 1102 CHEROKEE RD INMAN,KS,67546			
	1528 E 17TH AVE PANDA EXPRESS - M&R	,	In Service	
051.052.3635.010022	2400 E KANSAS AVE - LOVE'S COUNTRY 5TORE #608 - NEW M&R SETTING	1,790.26	In Service	
051.052.3635.010023	PRAIRIELAND PARTNERS - 1670 MOCCASIN RD - MCPHERSON, KS - NEW YL	7,856.74	In Service	
051.052.3635.010024	BETHANY COLLEGE - NEW DORM - 202 E NORMAL ST - NEW M&R SETTING	2,421.43	In Service	
	PRAIRIE LAND PARTNERS - 1670 MOCASSEN RD - M&R	3,718.41		
	INSTALL 2-M ROTARY METER AT 1300 CEDAR ST (ABILENE HIGH SCHOOL - GYM) - ABILENE	-	In Service	
		,		
	MANHATTAN - INSTALL 2" PE SERVICE TO THE NEW GIBBONS EXHIBIT @ ZOO	771.92		
051.052.3651.010111	NDU-MANHATTAN-NBAF METER SETTING	(20,881.70	Active	
051.052.3651.010112	NDU-MANHATTAN-NBAF 6" ST SERVICE LINE	(29,243.73	Active	
051.052.3651.010122	MANHATTAN - KSU FOUNDATION @ 1800 KIMBALL AVE INSTALL NEW 3M ROTARY METER SET	2,997.57	Active	
	NDU - MANHATTAN - INSTALL 2M ROOTS-2" 1813B AMERICAN REG ON 7"WC FOR NELSON'S HATCHERY		In Service	
	NDU- CLAY CENTER NEW METER SET OF 3M OFF TRANSMISSION LINE	2,675.38		
		,		
	NDU - MARYSVILLE - INSTALL 2M TO NEW POOL @ 803 WALNUT		In Service	
	NDU - SENECA - INSTALL 3M & 2"CS820 REG WITH 2 PSI DELIVERY AT 212 N 6TH ST (JAIL-WEST SIDE)	786.70		
051.052.3721.010410	WICHITA MID CONTINENT AIRPORT - NEW TERMINAL BUILDING	{171.64	Cancelled	
051.052.3721.010434	WAA - 2160 AIRPORT ROAD - BEECH PAINT HANGER	(7.82)	Cancelled	
051.052.3721.010467	4422 N. OLD LAWRENCE RD SOOTER EXCAVATING - NEW COMMERCIAL SERVICE	(220.93)	In Service	
	SPILLED WINE PHASE 2 - 2000 N GREENWICH - 2" YARDLINE		In Service	
		664.20		
	2525 W DOUGLAS AVE - SBA CONSTRUCTION - NEWSV>2			
	IHOP - 4870 S. WASHINGTON - WICHITA, KS - M & R		In Service	
	215 S. MARKET ST CITY OF WICHITA - M&R		In Service	
051.052.3721.010494	2668 N GREENWICH CT WICHITA SPORTS FORUM - NEW M&R	1,038.09	In Service	
051.052.3721.010495	SEWER TRANSMISSION TO HESSTON FOR CITY OF NORTH NEWTON - 1913 N. MAIN - NORTH NEWTON, KS - M & R	(35.00)	In Service	
051.053.3521.010034	424 NORTH MAIN-OTTAWA, KSDALE'S BODY SHOP	0.03	Cancelled	
	530 N. MAIN-BOWLING COLLISION AND CUSTOM SHOP	412.69	Active	
	402 N. MAIN OTTAWA-CARSTAR OTTAWA	850.29		
	1534 N INDUSTRIAL DRIVE-US PIPE FABRICATION	(492.89)		
	GREELEY PEPL TBS LOCATED AT NE WAUBANSEE RD & 2370 RD- REPLACE ODORIZER		In Service	
051.053.3521.010073	602 WALNUT STREET METER REBUILD	899.61	In Service	
051.053.3522.010102	4TH & BARNETT AVE	0.08	Cancelled	
051 053 3522 010289	12020 BLUE VALLEY PARKWAY-SOLERA SALON	8.200.00	Cancelled	
	49TH AND CANTERBURY: INSTALL 1,250' OF 2" PE MAIN AND RETIRE 871' OF 5" APBS MAIN IN REAR EASEMENT	3,607.36		
		8,204.10		
	GSRS: PRAIRIE VILLAGE BS MAIN AND SERVICE LINE REPLACEMENT INITIATIVE (PHASE 2 OF 7)	,		
051.053.3522.010426	10103/10203 METCALF-VINCE AND ASSOCIATES-2" SERVICE RELOCATE WITH CASCADES	(6,926.45	Active	
051.053.3522.010433	50TH AND PAWNEE- REPLACE MAIN WITH 2" PE	2,074.28	Cancelled	
051.053.3522.010435	815 VERMONT-ALL SAINTS PARISH	2,066.23	In Service	
051.053.3522.010436	10TH AND SANDUSKY GSR5 ELIGIBLE NON REIMBURSABLE	142,778.20	In Service	
	5250 MISSION ROAD-ST AGNES CHURCH AND SCHOOL		In Service	
	GSRS ELIGIBLE -34TH AND GIBBS	3,106.48		
	MEA - 8TH AND STATE		Cancelled	
0\$1.053.3522.0104\$4	6870 JOHNSON DRIVE-MISSION-JOSE' PEPPERS RESTAURANT	508.51		
051.053.3522.010461	11230 W 75TH STREET SHAWANOE ELEMENTARY SCHOOL 2" PE SERVICE LINE	(7,300.00)	Active	
	8910 GODDARDUSD #512APACHE ELEMENTARY		In Service	
	PV PHASE 3 GSRS REPLACEMENT PBS W/ 7740' - 2" PE AND 1095' - 4" PE 75TH PL AND NORWOOD	91,507.47		376
				376
			In Service	
051.053.3522.010495			In Service	
051.053.3522.010496		420 705 44	In Service	
051.053.3522.010496	TBS#2206-0200: 67TH & ANTIOCH- REPLACE ENTIRE SETTING	130,785.11	in service	
051.053.3522.010496 051.053.3522.010501			In Service	
051.053.3522.010496 051.053.3522.010501 051.053.3522.010505	TBS#2206-0200: 67TH & ANTIOCH- REPLACE ENTIRE SETTING	34.82		
051.053.3522.010496 051.053.3522.010501 051.053.3522.010505 051.053.3522.010512	TBS#2206-0200: 67TH & ANTIOCH- REPLACE ENTIRE SETTING 6310 LAMAR-WADDELL AND REED REBUILD 2M METER FOR 6050 BROADMOOR - THE WELSTONE	34.82 300.11	In Service In Service	
051.053.3522.010496 051.053.3522.010501 051.053.3522.010505 051.053.3522.010512 051.053.3522.010517	TBS#2206-0200: 67TH & ANTIOCH- REPLACE ENTIRE SETTING 6310 LAMAR-WADDELL AND REED REBUILD 2M METER FOR 6050 BROADMOOR - THE WELSTONE 3M METER REBUILD - 6803 W 64TH 5T.	34.82 300.11 37.33	In Service In Service In Service	
051.053.3522.010496 051.053.3522.010501 051.053.3522.010505 051.053.3522.010512 051.053.3522.010517 051.053.3522.010523	TBS#2206-0200: 67TH & ANTIOCH- REPLACE ENTIRE SETTING 6310 LAMAR-WADDELL AND REED REBUILD 2M METER FOR 6050 BROADMOOR - THE WELSTONE 3M METER REBUILD - 6803 W 64TH 5T. 4250 W 119TH SERVICE LINE RELOCATION (CAMELOT COURT)	34.82 300.11 37.33 (3,659.91	In Service In Service In Service Active	
051.053.3522.010496 051.053.3522.010501 051.053.3522.010505 051.053.3522.010512 051.053.3522.010517 051.053.3522.010523 051.053.3522.010523	TBS#2206-0200: 67TH & ANTIOCH- REPLACE ENTIRE SETTING 6310 LAMAR-WADDELL AND REED REBUILD 2M METER FOR 6050 BROADMOOR - THE WELSTONE 3M METER REBUILD - 6803 W 64TH ST. 4250 W 119TH SERVICE LINE RELOCATION (CAMELOT COURT) JOHNSON DRIVE AND K-7-TBS# 2206-2200 WOODSONIA, INSTALL SCADA TRANSMITTERS	34.82 300.11 37.33 (3,659.91 32,387.82	In Service In Service In Service Active Active	379
051.053.3522.010496 051.053.3522.010501 051.053.3522.010505 051.053.3522.010512 051.053.3522.010517 051.053.3522.010523 051.053.3522.010525 051.053.3522.010525	TBS#2206-0200: 67TH & ANTIOCH- REPLACE ENTIRE SETTING 6310 LAMAR-WADDELL AND REED REBUILD 2 M METER FOR 6050 BROADMOOR - THE WELSTONE 3M METER REBUILD - 6803 W 64TH ST. 4250 W 119TH SERVICE LINE RELOCATION (CAMELOT COURT) JOHNSON DRIVE AND K-7- TBS# 2206-2200 WOODSONIA, INSTALL SCADA TRANSMITTERS 85TH ST & WOODLAND TER- TBS# 2206-2000 WHISPERING HILLS- INSTALL SCADA TRANSMITTERS	34.82 300.11 37.33 (3,659.91 32,387.82 24,680.57	In Service In Service In Service Active Active Active	379 379
051.053.3522.010496 051.053.3522.010501 051.053.3522.010505 051.053.3522.010512 051.053.3522.010517 051.053.3522.010523 051.053.3522.010525 051.053.3522.010525	TBS#2206-0200: 67TH & ANTIOCH- REPLACE ENTIRE SETTING 6310 LAMAR-WADDELL AND REED REBUILD 2M METER FOR 6050 BROADMOOR - THE WELSTONE 3M METER REBUILD - 6803 W 64TH ST. 4250 W 119TH SERVICE LINE RELOCATION (CAMELOT COURT) JOHNSON DRIVE AND K-7-TBS# 2206-2200 WOODSONIA, INSTALL SCADA TRANSMITTERS	34.82 300.11 37.33 (3,659.91 32,387.82	In Service In Service In Service Active Active Active	

051.053.3522.010533				
	83RD TER AND QUIVIRA - RELOCATE 420' - 8IN STEEL - REIMB	(31,350.48)		
	8225 MONTICELLO TERRACE-WESTMOOR INDUSTRIES—SHAWNEE KS		In Service	
	PROJECT FCT 053 DISTRIBUTION REPLACEMENT FOR INADEQUACY, SPECIFIC- 1101 W CAMBRIDGE CIRCLE DR KANSAS		Active	
	NEW RECTIFIER SOTH AND MATNEY		In Service	
	6800 W 115TH 5TREET-OVERLAND PARK TRADE/CONVENTION CENTER	4,169.52		
	67TH & ANTIOCH- TBS# 2206-0200, INSTALL SCADA TRANSMITTERS	17,590.55		
	MILL & REYNOLDS, KCK- INSTALL 700' - 4" PE & 1,570' - 2" PE MAIN. RETIRE 6" & 4" CI	59,242.35		376,380
	10TH & ORVILLE, KCK- INSTALL 5,870' - 2" PE MAIN. RETIRE 8", 6" AND 4" CI	110,247.85		
	9300 METCALFSHAMROCK REALTY		In Service	
	5200 AND 5250 KANSAS AVE METER SETTING		In Service	
	207TH & GEORGE-TONGANOXIE NORTH TB5#2105-0004- PURCHASE & INSTALL YZ ODORIZER	41,469.97		379
	7856 BARTON—OVERLAND PARKBANK ON IT IT SERVICES		In Service	
	7856 BARTON—OVERLAND PARK—BANK ON IT IT SERVICES—		In Service	
	7856 BARTON-OVERLAND PARKBANK ON IT IT SERVICES-		In Service	
	RAINBOW AND W 47TH - LOWER 4" APCS	24,928.37		
	10TH AND ESPLANADE—KCK—INSTALL LUGS AND WELD REINFORCEMENT SLEEVES OVER EXISTING 20" RPCS F	19,909.81		
	8500 W. 110TH ST-RECONSTRUCT METER SETTING. INSTALL 2M & 2" FISHER CS820IQ W/ 3/8" ORIFICE AT 2 PSIG		In Service	
	5420 KANSAS AVEKCKDESIGN STUDIOS	1,751.50		
	11230 W 75TH STREET SHAWANOE ELEMENTARY SCHOOL SLAND METER SETTING CHANGES FOR FEMA WALL	· · ·	In Service	
	NEW RECTIFIER - 51ST AND RICHLAND AVE		In Service	
	9525 LEE BLVD METER REBUILD FOR GENERATOR		In Service	
	4000 VICTORY DRIVE-RIOS CHURCH 5M METER CHANGE TO 1.5M	1,843.43 5,145.18	In Service	
	5050 KANSAS AVENUE-KANSAS CITY, KANSAS 5050 KANSAS AVENUE APACKAGING DISTRIBUTION SERVICES-KANSAS CITY, KANSAS	·	In Service	
	6801 W 91ST STREET-OVERLAND PARKPARKWAY PROPERTIES	1,607.53	In Service	
	15329 W 95THLENEXA-RICHARDSON MILLING REBUILD SERVICE LINE		In Service	
	REBUILD 5TH & WEAR DISTRICT REGULATOR STATION 0190	332,824.27		
	NW HOLMAN, EVELYN WEST OF KANSAS AVE		In Service	
	3RD PARTY DAMAGE ON 10" CS MAIN AT SE CALIFORNIA & TURNPIKE AVE		Cancelled	
	10TH AND GAGE - PHASE 1 - CI REPLACEMENT	195,829.82		
	10TH AND GAGE - PHASE 2 - CI REPLACEMENT	40,679.45		
	REPLACE 2367' MOSTLY 4" CLON OZ PRESSURE WITH 2400' - 2" PE ON 45 PSIG VAN BUREN 2ND TO 6TH	44,565.91		
	PROJECT FCT 053 DISTRIBUTION REPLACEMENT FOR INADEQUACY, SPECIFIC - REPL 569' - 2" APCS W/ 2" PE	181.88		
	10TH AND GAGE - PHASE 3 - CI REPLACEMENT		In Service	
	RELOCATE 150' OF 3" SERVICE LINE TO 2600 SW 33RD JARDINE MIDDLE SCHOOL DUE CONSTRUCTION CONFLICTS	· ·	In Service	
	INSTALL 181' 4" PE & 425' 2" PE RETIRE DRS 0097 DO AN MOP INCREASE FROM 5 PSIG TO 45.	13,704.49		
	REPLACE 6" CI AT 17TH AND JEWELL (12TH AND WAYNE PHASE 2)		In Service	
	EWO 22ND & RANDOLPH PRESSURE PROBLEMS		In Service	
	REPLACE REGULATORS IN DRS #3006-0005 & ABANDON DRS #3006-0006 IN LACROSSE, KS	11,451.97		
	RECTFIER INSTALL AT MILNER EAST AVE & E EIGHTH ST	11,528.81		
	ELLINWOOD - TAKE RESIDENTIAL SERVICES OFF HIGH PRESSURE - NEWMAIN	52,777.83		376
	LASTING LIFE MINISTRIES - 4907 10TH ST - M&R	(400.00)		***
	W ANTHONY AVE & N OAK ST	56,514.14		376
	W ANTHONY AVE & N ADAMS ST	53,034.93		376
	W CENTRAL AVE & N ORCHARD ST		In Service	370
	W 1ST AVE AND N OAK ST	44,407.39		
	DR 3034-0003 - S CHERRY ST & FREMONT AVE	27,898.19		
	ALLEY PARALLELING BETWEEN N THOMPSON & N PINE BETWEEN BLAINE ST & E FIRST ST	17,451.25		
	W THIRD ST & 5 HIGH 5T	11,974.97		
	E FIRST ST AND N THOMPSON ST		In Service	
	ASHLAND HIGH SCHOOL - METER CHANGE OUT - 311 JE HUMPHREYS ST		In Service	
	1830 N MAIN ST, KINGMAN - MAIN EXTENSION		In Service	
	193 NE STATE ROAD 61 - FIRST SOUTHERN BAPTIST CHURCH - INSTALL YARDLINE	(6,415.02)	Active	
051.053.3622.010076	CLEVELAND AND HAMILTON	1,197.52	In Service	
051.053.3622.010077	193 NE STATE RD 61 - M&R	(12.62)	In Service	
051.053.3622.010078	STUMP RD & HWY 160		In Service	
051.053.3631.010120	GSRS EL: SHERMAN AND WASHINGTON: REPLACE DRS IN DETERIORATED BUILDING, BS MAIN AND SERVICES	130,694.53	In Service	
051.053.3631.010127	CHASE ELEMENTARY SCHOOL - USD 401 - M&R		In Consico	
051.053.3631.010131	TYSON FOODS SERVICE - 9 N WASHINGTON ST	388.56	HI SELVICE	
051 053 3631 010132		388.56 (1,492.46)		
	STH AND WISCONSIN - REPLOT	(1,492.46)		
		(1,492.46) 7,086.65	Active	
051.053.3635.010060	STH AND WISCONSIN - REPLOT	(1,492.46) 7,086.65	Active In Service In Service	
051.053.3635.010060 051.053.3635.010061	STH AND WISCONSIN - REPLOT INSTALL ROOTS 3M CTR TO REPLACE EXISTING MTR SET AT 900 N ASH MCPHERSON, KS	(1,492.46) 7,086.65 4,429.47	Active In Service In Service Active	
051.053.3635.010060 051.053.3635.010061 051.053.3635.010073	STH AND WISCONSIN - REPLOT INSTALL ROOTS 3M CTR TO REPLACE EXISTING MTR SET AT 900 N ASH MCPHERSON, KS INSTALL ROOTS 3M CTR AT 800 S WALNUT MCPHERSON, KS	(1,492.46) 7,086.65 4,429.47 5,090.76	Active In Service In Service Active In Service	
051.053.3635.010060 051.053.3635.010061 051.053.3635.010073 051.053.3635.010074	STH AND WISCONSIN - REPLOT INSTALL ROOTS 3M CTR TO REPLACE EXISTING MTR SET AT 900 N ASH MCPHERSON, KS INSTALL ROOTS 3M CTR AT 800 S WALNUT MCPHERSON, KS BS REPLACEMENT (PART 1 OF 3): REPLACE 2,675' OF 2" BS WITH 2" PE TO RETIRE UNPROTECTED BARE STEEL	(1,492.46) 7,086.65 4,429.47 5,090.76 105,210.51	Active In Service In Service Active In Service Active	
051.053.3635.010060 051.053.3635.010061 051.053.3635.010073 051.053.3635.010074 051.053.3635.010078	STH AND WISCONSIN - REPLOT INSTALL ROOTS 3M CTR TO REPLACE EXISTING MTR SET AT 900 N ASH MCPHERSON, KS INSTALL ROOTS 3M CTR AT 800 S WALNUT MCPHERSON, KS BS REPLACEMENT (PART 1 OF 3): REPLACE 2,675' OF 2" BS WITH 2" PE TO RETIRE UNPROTECTED BARE STEEL GSRS EL:BS REPLACEMENT (PART 3 OF 3): INSTALL 950' OF 4" PE AND 4,825 OF 2" PE TO RETIRE BARE STEEL	(1,492.46) 7,086.65 4,429.47 5,090.76 105,210.51 11,730.83 2,330.68	Active In Service In Service Active In Service Active	
051.053.3635.010060 051.053.3635.010061 051.053.3635.010073 051.053.3635.010074 051.053.3635.010078 051.053.3635.010086 051.053.3641.005107	STH AND WISCONSIN - REPLOT INSTALL ROOTS 3M CTR TO REPLACE EXISTING MTR SET AT 900 N ASH MCPHERSON, KS INSTALL ROOTS 3M CTR AT 800 S WALNUT MCPHERSON, KS BS REPLACEMENT (PART 1 OF 3): REPLACE 2,675' OF 2" BS WITH 2" PE TO RETIRE UNPROTECTED BARE STEEL GSRS EL:BS REPLACEMENT (PART 3 OF 3): INSTALL 950' OF 4" PE AND 4,825 OF 2" PE TO RETIRE BARE STEEL BS REPLACEMENT (PART 2 OF 3): REPLACE 1,200' OF 2" BS WITH 2" PE TO RETIRE UNPROTECTED BARE STEEL MCPHERSON MIDDLE SCHOOL 4 OZ-700 E ELIZABETH ST - M&R REBUILD SERVICE LINE	(1,492.46) 7,086.65 4,429.47 5,090.76 105,210.51 11,730.83 2,330.68 2,011.84 759.12	Active In Service In Service Active In Service Active Active In Service In Service In Service	
051.053.3635.010060 051.053.3635.010061 051.053.3635.010073 051.053.3635.010074 051.053.3635.010078 051.053.3635.010086	STH AND WISCONSIN - REPLOT INSTALL ROOTS 3M CTR TO REPLACE EXISTING MTR SET AT 900 N ASH MCPHERSON, KS INSTALL ROOTS 3M CTR AT 800 S WALNUT MCPHERSON, KS BS REPLACEMENT (PART 1 OF 3): REPLACE 2,675' OF 2" BS WITH 2" PE TO RETIRE UNPROTECTED BARE STEEL GSRS EL:BS REPLACEMENT (PART 3 OF 3): INSTALL 950' OF 4" PE AND 4,825 OF 2" PE TO RETIRE BARE STEEL BS REPLACEMENT (PART 2 OF 3): REPLACE 1,200' OF 2" BS WITH 2" PE TO RETIRE UNPROTECTED BARE STEEL MCPHERSON MIDDLE SCHOOL 4 OZ-700 E ELIZABETH ST - M&R REBUILD SERVICE LINE	(1,492.46) 7,086.65 4,429.47 5,090.76 105,210.51 11,730.83 2,330.68 2,011.84 759.12	Active In Service In Service Active In Service Active Active In Service	
051.053.3635.010060 051.053.3635.010061 051.053.3635.010073 051.053.3635.010078 051.053.3635.010078 051.053.3641.005107 051.053.3641.005107	STH AND WISCONSIN - REPLOT INSTALL ROOTS 3M CTR TO REPLACE EXISTING MTR SET AT 900 N ASH MCPHERSON, KS INSTALL ROOTS 3M CTR AT 800 S WALNUT MCPHERSON, KS BS REPLACEMENT (PART 1 OF 3): REPLACE 2,675' OF 2" BS WITH 2" PE TO RETIRE UNPROTECTED BARE STEEL GSRS EL:BS REPLACEMENT (PART 3 OF 3): INSTALL 950' OF 4" PE AND 4,825 OF 2" PE TO RETIRE BARE STEEL BS REPLACEMENT (PART 2 OF 3): REPLACE 1,200' OF 2" BS WITH 2" PE TO RETIRE UNPROTECTED BARE STEEL MCPHERSON MIDDLE SCHOOL 4 OZ-700 E ELIZABETH ST - M&R REBUILD SERVICE LINE	(1,492.46) 7,086.65 4,429.47 5,090.76 105,210.51 11,730.83 2,330.68 2,011.84 759.12 878.58 5,057.07	Active In Service In Service Active In Service Active Active In Service In Service In Service In Service In Service	
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051.053.3635.010060 051.053.3635.010061 051.053.3635.010073 051.053.3635.010074 051.053.3635.010078 051.053.3645.00086 051.053.3641.00510 051.053.3641.00570 051.053.3641.010075 051.053.3641.010075	STH AND WISCONSIN - REPLOT INSTALL ROOTS 3M CTR TO REPLACE EXISTING MTR SET AT 900 N ASH MCPHERSON, KS INSTALL ROOTS 3M CTR AT 800 S WALNUT MCPHERSON, KS BS REPLACEMENT (PART 1 OF 3) : REPLACE 2,675' OF 2" BS WITH 2" PE TO RETIRE UNPROTECTED BARE STEEL GSRS ELEBS REPLACEMENT (PART 3 OF 3) : INSTALL 950' OF 4" PE AND 4,825 OF 2" PE TO RETIRE BARE STEEL BS REPLACEMENT (PART 2 OF 3) : REPLACE 1,200' OF 2" BS WITH 2" PE TO RETIRE UNPROTECTED BARE STEEL MCPHERSON MIDDLE SCHOOL 4 OZ-700 E ELIZABETH ST - M&R REBUILD SERVICE LINE REBUILD SERVICE LINE REPLACE 1,3" SERVICE LINE TO 900 N WASHINGTON ST (RAWHIDE PORTABLE CORRALS) -ABILENE REPLACE 1,3" SERVICE LINE TO 900 N WASHINGTON ST (RAWHIDE PORTABLE CORRALS) -ABILENE	(1,492.46) 7,086.65 4,429.47 5,090.76 105,210.51 11,730.83 2,330.68 2,011.84 759.12 878.58 5,057.07 (37.13)	Active In Service In Service Active In Service Active Active In Service In Service In Service In Service In Service In Service	
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	ARKANSAS & W NORTH CT - RETIRE DRS 2801-0113			Cancelled	
	E. CENTRAL AVE. & N. SAINT FRANCIS AVE. EWO - N. HYDRAULIC ST. & E. 37TH ST. N.		1,204.69	Cancelled	
	WAA - DISTRICT REGULATOR STATION 2801-0263		17,290.39		
	615 N MAIN - USD 357 - BS SL & YL REPLACEMENT		3,643.84		
	NEW RECTIFIER #952 & GROUNDBED - CORPORATE HILL DR & WEBB RD.		29,821.65		
	PINECREST - PHASE 4 - CI REPLACEMENT #54		148,600.27		
	SEDGWICK AND ALLEY S OF 2ND- CI #19		13,808.06		
	7011 E. 13TH ST. N THE CHURCH OF JESUS CHRIST OF LATER DAY SAINTS - REPLSV>2		32,546.31		
051.053.3721.010443	MT. VERNON & WICHITA		74,461.72	In Service	
051.053.3721.010459	EWO - 209 W 5TH AVE - BELLE PLAINE, KS - 2" BS SL RENEWAL		869.18	In Service	
051.053.3721.010466	EWO - MAPLE & WAGON WHEEL		4,793.21	In Service	
051.053.3721.010470	K-MART - 4200 W KELLOGG - REPLACE M&R SETTING		5,433.61	In Service	
	EWO - CLEARWATER MIDDLE SCHOOL - 801 E. ROSS CLEARWATER, KS - 3" BS SL RENEWAL		2,368.11	In Service	
	EWO - 620 E WOOD AVE - PINNACLE HEALTH FACILITIES - INSTALL 2" PE YARDLINE			In Service	
	DOUGLAS AND BROOKSIDE- CI PROJECT PHASE 5- INSTALL 6,345' OF 2" PE MAIN		93,202.63		376
	3417 S. MERIDIAN: RELOCATE 110' OF 2" PE MAIN FOR GRACE MED- PROJECT OASIS GRADING			Active	
	SCHOLFIELD HONDA EST. TO REPLACE 515' OF 12" STEEL MAIN FOR PRIVATE RELOCATION AT DRURY AND ORME			In Service	
	EWO: 1355 S. GREENWOOD- EXTEND 90' OF 2" PE MAIN TO REPLACE BS SERVICE THAT CROSSES TWO LOTS			In Service	
	520 N. BROADWAY - THE LORD'S DINER - TEMPORARY SERVICE RELOCATION PURCHASE PRECO ODORIZER, VALVES, AND REGULATORS FOR 53RD AND ARKANSAS TBS		66,945.03	In Service	379
	EWO-CLEAN HARBORS - 2525 N NEW YORK & UNION PACIFIC - 2649 NEW YORK- MAIN EXTENSION		11,265.97		3/9
	WICHITA HOOPS - 5260 N. TOLER DR M&R			In Service	
	615 S EMPORIA MAIN REPLACEMENT - REPLOTH			In Service	
	D ST AND TYLER- RECT #639 - REWORK A DEEP WELL AND INSTALL NEW ANODES		21,082.54		376
	GSRS EL - MILLER AND 9TH, KIOWA - RECT #636- REPLACE A DEEP WELL WITH A 15-ROD HORIZONTAL BED		11,961.77		3,0
	REPLACE DISTRICT REG. #3310-0001 AT 6TH & MAIN IN BURDEN, KS. GSRS DUE TO CI FITTING.		1,729.33		
	LAY 265' - 2" PE MAIN - HICKORY & 15TH - HARPER, KS.		-	In Service	
051.053.3741.010046	LAY 700' - 2" PE - K-14 HWY & W. MAIN - HARPER, KS.		50.89	In Service	
051.053.3741.010048	EWO - 605 N. A STREET - USD 353 WELLINGTON - REPLACE M&R SETTING.		414.57	Active	
051.053.3741.010052	GSRS REPLACE DEPLETED GROUNDBED FOR RECT #0560		6,950.84	Active	
051.053.3741.010053	600 SPRUCE		5,414.32	Active	
051.053.3741.010058	EWO - REPLACE MAIN, 7TH & CHESTNUT, BURDEN, KS.		771.60	Active	
	EWO - REPLACE MAIN, 600 BLOCK ELM ST, BURDEN, KS.		1,011.67	Active	
	REBUILD SERVICE LINE			In Service	
	706 S 4TH ST - INSTALL 85' OF 2" PE TO CORRECT OOL SVC			Cancelled	
	REBUILD SERVICE LINE			In Service	
	REPLACE 281' OF 2" APBS AND 331' OF 3" BS WITH 255' OF 2" P.E AND 295' OF 4" P.E		107.81		
	REPLACE 1 1/4 C.S WITH 690' OF 2" P.E TIE OVER 4 SERVICES			In Service	
	FRONT ST E OF OAK - INSTALL 666' - 2" PE		14,891.23		
	REPLACE 3150' OF 3" AND 4" BS WITH 2" P.E LOCATED ON STEVENS AND DIRR STREETS IN PARSONS,KS REPLACE 2' B.S SEVICE AT PARSONS CITY HALL 112 S . 17TH ST. S.L # 669621		49,656.72	In Service	
	REPLACE 2" B.S SERVICE WITH 2" P.E P.L SET AT 200 HEACOCK AVE. PARSONS KS.			In Service	
	FRONT W OF OAK - REPLACE 212' - 2" BS WITH 2" PE		1,668.83		
	GSRS EL - OLIVE AND STAR, GORDY PARK - RECT #647 - REWORK A DEEP WELL AND INSTALL NEW ANODES		28,259.21		
	335TH AND PLUM CREEK ROAD—RECTIFIER UNIT 0130		14,399.87		
	2ND AND ELM ST - REPLACE MAIN		276.28		
	1ST AND MCCARTYEDGERTON KSREBUILD DRS #2109-002 AFTER SEMI TRUCK CRASHED ENTIRE SETTING.		23,570.94		
	5TH ST: QUINDARO TO CLEVELAND			Cancelled	
051.054.3522.011145	27TH AND BROWN-PHASE 2A			Cancelled	
051.054.3522.011197	49TH AND PARALLEL-ACCUMULATE DAMAGES FOR DIG IN BY BPU(POSSIBLE MISLOCATE)		1,937.93	Active	
051.054.3522.011204	2512 ORVILLE-KCK-INSTALL 4" DOGLEG IN EXISTING 4" MDPE MAIN WHERE IT WAS BORED THROUGH A 8" SEWER		102.98	Active	
051.054.3522.011212	71ST STREET AND BEVERLY AVENUE- REPLACE 3" APBS MAIN WITH 2" PE		7,206.86	Active	
	HIT METER- 11904 WEST 77TH STREET		(1,103.67)	Active	
	27TH AND STRONG-KANSAS CITY KANSAS		985.99		
	REPLACE 2" APCS 48TH AND BELINDER		3,227.06		
	67TH AND METCALF REPLACEMENT		1,141.35		
	900 AND 900B KINDLEBERGER		178.55		
	REG STATION REPAIR AT 7TH AND GARNETT, KCK - 3RD PARTY DAMAGE		2,317.78		
	137TH ST. AND METCALF AVE. TBS 2105-0001 AT K-16 IN TONGANOXIE		2,822.46 5.592.02		
	36TH AND EATON-KANSAS CITY, KS—REPLACE OPERATOR REGULATOR ON DRS #2101-050S		3,542.66		
051.054.3522.011234			3,135.54		
	PROJECT FCT 054 - 12TH AND CENTRAL AVE HORTON, KANSAS		7,046.62		
	4TH AND KIOWA, MAIN REPLACEMENT		2,047.72		
	REPLACE 1095' OF STEEL MAIN WITH 1030' OF PE PIPE FROM 3RD AVE W GOING EAST TO ALLEY W. OF CENTRAL		17,992.64		
	PURCHASE MATERIALS FOR 10TH & JEFFERSON REPLACE 6" & 10" BS			Cancelled	
	GSRS 2" CI REPLACEMENT AT SW 1ST & ROOSEVELT			Cancelled	
051.054.3541.010554	GRANT & TYLER REPLACE CHAMPLIN- FULTON IN DRS 0071 UNTIL IT CAN BE RETIRED LATER THIS YEAR		(2,486.06)		
051.054.3541.010565	REPLACE 2" PBS WITH 2" PE 245 SE 29TH ST NEAR HARBOR FREIGHT		283.65	Active	
051.054.3541.010566	4TH AND JEFFERSON REPLACEMENT 399' OF 10" PBS MAIN AND RETIREMENT OF DRS 7		57,866.36	In Service	
051.054.3541.010567	KGS MERIDEN FCT 054 - REPLACE RECTIFIER #0227 & GROUNDBED		12,759.53	In Service	
051.054.3541.010568	EWO 6TH & LELAND INSTALL 20' OF 6" CS TO REPLACE TEE FOR 6" BS 1906 THAT HAS CORROSION & LEAKING		18,941.05	In Service	
051.054.3621.010246	EMERGENCY AT ALLEY WEST OF STONE ST CROSSING LAKIN ST		20,401.40	In Service	
051.054.3621.010247	DRS 3001-0035-FR - REGSTA		5,732.68	In Service	
	N WASHINGTON AVE & E VINE ST		3,063.54	In Service	
	REPLACE 340' OF 2" BS DUE TO LEAK MAIN & 5TH		20,827.66		
	EWO - 200 N MAIN ST - HUTCHINSON, KS - LEAKING 2" CS SL RENEWAL			In Service	
	PROJECT FCT 054, 6TH AND TOWN IN HUTCH - REPLBS		1,807.06		
	6TH & TOWN - REPLES		6,817.55		
	EWO - ALLEY BETWEEN S CHESTNUT ST & S 3RD ST ON W MCPHERSON ST		11,988.50		
	W. EUCLID & N. MULBERRY - REPLOT N. WALNUT & W. SIMPSON ST. ELIMINATE, NON ESSENTIAL, VALVE WITH ACTIVE LEAK,		11,953.99		
	REPLACE CONTROL LINE, RELIEF AND REGULATOR TO DR#3701-0025 (804 W REPUBLIC AVE) - SALINA		2,039.07 3,448.25		
	REPLACE GAS MAIN TO DRS 3701-0014 AT S 5TH ST AND SOUTH ST - SALINA		1,754.21		
	MAIN REPLACEMENT / 3RD ST & ALLEY E OF RUSSELL AVE / LUCAS			Cancelled	
	CORROSION INVESTIGATION AND REPAIR / BELOIT, KS		19,560.49		
	GAS MAIN INSTALLATION & RETIREMENT / 8TH & CENTRAL / BELOIT			In Service	
051.054.3643.010044	,		48,314.82		376
	NDU - MANHATTAN - RPLC 159'-2"APBS DUE TO CORROSION @ FAIRCHILD AVE & N 15TH ST (NONREIMBURSABLE)			In Service	5.0
	NDU - MANHATTAN - RPLC 300'-2"APBS DUE TO CORROSION @ OSAGE & N 5TH ST (NONREIMBURSABLE)			In Service	
	NDU - MANHATTAN - RPLC 60'-2"BS WITH 2"PE DUE TO THIRD PARTY DAMAGE BY CITY (REIMBURSABLE)		586.53		
	NDU - REPLACE 2" BS SVC WITH 2"PE DUE TO LEAKAGE @ 105 N 3RD ST, MANHATTAN		321,00		
	PROJECT FCT 054, DISTRIBUTION REPLACEMENT, SPECIFIC		31,059.56		376
	NDU - BLUE RAPIDS - REPLACE 200' 4"BS ST XING WITH 4"PE DUE TO LEAKAGE		16,127.01		-
051.054.3653.010117	NDU - REPAIRED #2 LEAK @ 4TH AND SYCAMORE BRIDGE BY REPLACING 200' - 2"CS WITH 2"PE		6,421.95		

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051.054.3653.010118	NDU - WESTMORELAND - REPLACE 317'-2" STEEL DUE TO DETERIORATION FOUND WHEN REPLACING SERVICES	11,276.32		
051.054.3721.011269	REPLACE FISHER 298T-EK CONTROL REGS		Cancelled	
	W 15TH & N WACO - REPL 1863' OF 6" CI & BS MAIN	141,010.03		
	WASSALL AND ROSE MARIE CT - INSTALL 70' OF 2" PE PIPE TO ELIMINATE LEAKAGE, RETIRE 60' OF 2" BS	3,013.61		
	RIDGEWOOD - PHASE 2 CI REPLACEMENT #29	•	In Service	
	GILBERT & MARKET RPBS MAIN REPLACEMENT (3/5/3)		In Service	
	GSRS EL: E 11TH ST N & N PENNSYLVANIA AVE - REPLACE CORRODED, OBSOLETE BS MAIN		In Service	
	EWO-WACO & LINCOLN REPAIR A DATED CLASS 2 LEAK		In Service	
	EWO - 800 BLOCK OF N. MATHEWSON & E MURDOCK	5,378.34 (1,508.93		
	EWO - DOUGLAS & ELLSON 2015 P&M BLANKET REPLACING EAGLE PRESSURE CHART		In Service	
	2015 P&M BLANKET REPLACING SCADA EQUIPMENT		In Service	
	2015 P&M BLANKET PRESSURE & TEMPERATURE CORRECTORS		In Service	
	2015 P&M BLANKET EFM DEVICES		In Service	
	2015 P&M BLANKET INDEXES	-,	In Service	
	PARKWOOD - PHASE 3 CI REPLACEMENT #36	137.55	In Service	
	EWO - 6042 E. 13TH ST., WICHITA	8,739.17	In Service	
	EWO - E. 1ST ST. N. & N. CLEVELAND AVE.	86.68	Active	
	EWO - E. KINKAID ST. & S. MOSLEY ST.	3,897.29	Active	
	EWO - 14TH & WABASH	6,057.60	In Service	
051.054.3721.011776	EWO - 2149 S. BEDFORD	1,971.37	In Service	
051.054.3721.011787	1818 S.GLENN- REPLACE 12' OF 2" APBS WITH 2" PE TO CLEAR LEAK ON MAIN.	177.18	Active	
051.054.3721.011788	EWO: CLIFTON AND SKINNER- INSTALL 475' OF 2" PE MAIN TO CLEAR CLASS 1 LEAK	94.57	In Service	
051.054.3721.011789	EWO- EDGEMORE & LINCOLN	2,889.86		
051.054.3721.011790	EWO-TAFT & FLORENCE		In Service	
051.054.3721.011794	EWO - E MOUNT VERNON RD & S OLD MANOR RD		In Service	
	EWO - 2772 IVA WICHITA,KS - CLEAR CLASS 3 LEAK	1,341.73		
	EWO - BUTLER & CLAY - THIRD PARTY DAMAGE		In Service	
	11TH & ESTELLE - CAST IRON PROJECT # 46		In Service	
	EWO - SYCAMORE & LACLEDE		In Service	
	EWO - E. IDLEWILD & S. WASHINGTON		In Service In Service	
	EWO - BLAIR & CENTRAL, MULVANE			
	EWO - REPL 2" BARE STEEL MAIN - 17TH ST NORTH & OHIO ST EWO - WICHITA & MIDLAND STREETS - REPLACE BARE STEEL GAS PIPE	3,235.33 7,953.5S	In Service	
			In Service	
	EWO: 2525 N. POPLAR EWO: CLASS 1 LEAK ON CUSTOMER OWNED PIPE - CESSNA AIRCRAFT AT HOOVER & HWY K-42	53,075.05		380
	EWO: CLASS 1 LEAK ON CUSTOMER OWNED PIPE - CESSNA AIRCRAFT AT HOOVER & HWY K-42	(50,540.53		300
	EWO: CLASS 1 LEAK ON COSTOMER OWNED PIPE - CESSINA AIRCRAPT AT HOOVER & HWY K-42 EWO: SUNRISE AND SENECA - REPLACE 114' OF 2" APCS WITH 2" PE DUE TO LEAKING COUPLINGS	• •	In Service	
	E 1ST N & N. KANSAS-CI REPLACEMENT	,	In Service	
	EWO - 129 W FAGER - HAYSVILLE, KS		In Service	
	EWO - PERFEKTA INC - 480 E 21ST N - THIRD PARTY DAMAGE	1,448.93		
	EWO - 5009 LARRY LN		In Service	
	EWO: E. WATERMAN & LAURA ALLEY WEST - LEAKAGE		tn Service	
	EWO - 500 BLOCK OF W. BROADWAY - BS MAIN REPLACEMENT.	5,260.15		
	EWO-1401 S. GREENWICH WICHIA, KS	10,496.48	Active	
	RELOCATE 20' - 4" THIN FILM WITH 20' - 4" THIN FILM - 100 E 14TH - HARPER, KS.	747.79	Cancelled	
	GSRS RETIRE10" RPBS PIPE - SUMMIT & MADISON STREETS INSTALL NEW MAIN	10,614.03	Active	
051.054.3741.010290	REPLACE 1 1/4" PE S/L WITH 2" PE S/L AT 101 5 C - WELLINGTON, KS.	9,565.25	Active	
051.054.3741.010295	14TH & ROBINSON - KIOWA, KS. (GSRS)	3,228.74	Active	
051.054.3741.010296	MTR & REG - 420 S 5TH - ARK. CITY, KS	810.88	Active	
051.054.3741.010297	REPLACE 3M ROTARY - 216 W 5TH AVE - ARK. CITY, KS.	128.36	Active	
051.054.3741.010301	EWO 101 GOFF RD KAN-PAK - M&R	1,841.24		
	REPLACE MAIN - N F & W HARVEY - WELLINGTON, KS. 5-5-3	20,852.25		376
	EWO DUE TO LEAKAGE AT SCHOOL SERVICE LINE	13,129.86		
	EWO MAIN REPLACEMENT LEAKAGE	22,245.87		376
	EWO - W LINDEN AVE FROM N 4TH ST TO N 7TH ST	52,991.48		376 376
	EWO E. LINDEN AVE. AND N. C ST REPLBS	23,525.64 5,194.34		3/6
	GSRS:210 WEST WASHINGTON MAIN LEAK IN MIDDLE OF BRICK STREET.REPLACE 369FT OF 3IN BS WITH 4IN MDPE.	5,230.79		
	EWO 114 S. CANNA GRENOLA DUE TO LEAKS ON PIPE GSRS RETIRE10" RPBS PIPE - SUMMIT & MADISON STREETS INSTALL NEW MAIN	25,997.54		376
	MAIN & E. BOIS D ARC ST. REPLACE LEAKING BS AND CS WITH MUTIPLE DRESSERS	9,166.77		3.0
	IXL SOUTH PHASE I STEEL MAIN REPLACEMENT - REPLBS	3.783.07		
	IXL SOUTH PHASE II STEEL MAIN REPLACEMENT - REPLBS	3,383.22	Active	
	IXL SOUTH PHASE III STEEL MAIN REPLACEMENT - REPLBS			
	IXL SOUTH PHASE IV STEEL MAIN REPLACEMENT - REPLBS	3,686.01	Active	
051.054.3741.010325		3,686.01 2,609.16		
	IXL SOUTH PHASE V STEEL MAIN REPLACEMENT - REPLBS - GSRS		Active	
051.054.3741.010326	IXL SOUTH PHASE V STEEL MAIN REPLACEMENT - REPLBS - GSRS IXL SOUTH PHASE VI STEEL MAIN REPLACEMENT - REPLBS	2,609.16	Active Active	
		2,609.16 2,323.79 2,002.01 1,574.36	Active Active Active Active	
051.054.3741.01032 051.054.3741.010328	IXL SOUTH PHASE VI STEEL MAIN REPLACEMENT - REPLBS IXL SOUTH PHASE VII STEEL MAIN REPLACEMENT - REPLBS - GSRS EWO - REPLACE MAIN, 505 ELM, DOUGLASS, KS.	2,609.16 2,323.79 2,002.01 1,574.36 3,386.39	Active Active Active Active Active	
051.054.3741.01032 051.054.3741.01032 051.054.3761.01021	IXL SOUTH PHASE VI STEEL MAIN REPLACEMENT - REPLBS IXL SOUTH PHASE VII STEEL MAIN REPLACEMENT - REPLBS - GSRS EWO - REPLACE MAIN, 505 ELM, DOUGLASS, KS. LOWERING 50' OF 2" P.E MAIN THAT WAS DAMAGED BY PITTSBURG STREET CREW, 17TH AND GRAND, PITTSBURG,KS	2,609.16 2,323.79 2,002.01 1,574.36 3,386.39 (25.80	Active Active Active Active Active Active)	
051.054.3741.01032 051.054.3741.010328 051.054.3761.01021 051.054.3761.01022	IXL SOUTH PHASE VI STEEL MAIN REPLACEMENT - REPLBS IXL SOUTH PHASE VII STEEL MAIN REPLACEMENT - REPLBS - GSRS EWO - REPLACE MAIN, 505 ELM, DOUGLASS, KS. LOWERING 50' OF 2" P.E MAIN THAT WAS DAMAGED BY PITTSBURG STREET CREW, 17TH AND GRAND, PITTSBURG, KS REPLACE 450' OF 2" B.S WITH 450' OF 2" P.E	2,609.16 2,323.79 2,002.01 1,574.36 3,386.39 (25.80 84.41	Active Active Active Active Active) Active Active Active	
051.054.3741.01032 051.054.3741.01032 051.054.3761.01021 051.054.3761.01022 051.054.3761.01022	IXL SOUTH PHASE VI STEEL MAIN REPLACEMENT - REPLBS IXL SOUTH PHASE VII STEEL MAIN REPLACEMENT - REPLBS - GSRS EWO - REPLACE MAIN, 505 ELM, DOUGLASS, KS. LOWERING 50' OF 2" P.E MAIN THAT WAS DAMAGED BY PITTSBURG STREET CREW, 17TH AND GRAND, PITTSBURG, KS REPLACE 450' OF 2" B.S WITH 450' OF 2" P.E REPLACE 880' OF 2" B.S WITH 2" P.E	2,609.16 2,232.79 2,002.01 1,574.36 3,386.39 (25.86 84.41 160.34	Active Active Active Active Active) Active Active Active	
051.054.3741.01032: 051.054.3741.01032: 051.054.3761.01021: 051.054.3761.01022: 051.054.3761.01022: 051.054.3811.01011	IXL SOUTH PHASE VI STEEL MAIN REPLACEMENT - REPLBS IXL SOUTH PHASE VII STEEL MAIN REPLACEMENT - REPLBS - GSRS EWO - REPLACE MAIN, 505 ELM, DOUGLASS, KS. LOWERING 50' OF 2" P.E MAIN THAT WAS DAMAGED BY PITTSBURG STREET CREW, 17TH AND GRAND, PITTSBURG,KS REPLACE 450' OF 2" B.S WITH 450' OF 2" P.E REPLACE 880' OF 2" B.S WITH 2" P.E WOOD AND CHICAGO	2,609.16 2,232.79 2,002.01 1,574.36 3,386.39 (25.88 84.41 160.34	Active Cancelled	
051.054.3741.01032 051.054.3741.01032 051.054.3761.01021 051.054.3761.01022 051.054.3761.01022 051.054.3811.01011	IXL SOUTH PHASE VI STEEL MAIN REPLACEMENT - REPLBS IXL SOUTH PHASE VII STEEL MAIN REPLACEMENT - REPLBS - GSRS EWO - REPLACE MAIN, 505 ELM, DOUGLASS, KS. LOWERING 50' OF 2" P.E MAIN THAT WAS DAMAGED BY PITTSBURG STREET CREW, 17TH AND GRAND, PITTSBURG, KS REPLACE 450' OF 2" B.S WITH 450' OF 2" P.E REPLACE 880' OF 2" B.S WITH 2" P.E WOOD AND CHICAGO VARCK W OF MILITARY - REPLACE 310' OF LEAKING ISOLATED 2" APBS	2,609.16 2,323.79 2,002.01 1,574.36 3,386.39 (25.80 84.41 160.34 0.80 3,699.07	Active Cancelled In Service	
051.054.3741.01032: 051.054.3741.01032: 051.054.3761.01021: 051.054.3761.01022: 051.054.3811.01011: 051.054.3811.01015: 051.054.3831.01018:	IXL SOUTH PHASE VI STEEL MAIN REPLACEMENT - REPLBS IXL SOUTH PHASE VII STEEL MAIN REPLACEMENT - REPLBS - GSRS EWO - REPLACE MAIN, 505 ELM, DOUGLASS, KS. LOWERING 50' OF 2" P.E MAIN THAT WAS DAMAGED BY PITTSBURG STREET CREW, 17TH AND GRAND, PITTSBURG, KS REPLACE 450' OF 2" B.S WITH 450' OF 2" P.E REPLACE 880' OF 2" B.S WITH 2" P.E WOOD AND CHICAGO VARCK WO OF MILITARY - REPLACE 310' OF LEAKING ISOLATED 2" APBS K-146 AND US 59 HIGHWAY	2,609.16 2,232.79 2,002.01 1,574.36 3,386.33 (25.80 84.41 160.34 0.88 3,699.07	Active Cancelled In Service Active	
051.054.3741.01032: 051.054.3741.01032: 051.054.3761.01021: 051.054.3761.01022: 051.054.3761.01022: 051.054.3811.01011: 051.054.3811.01015- 051.054.3831.01018:	IXL SOUTH PHASE VI STEEL MAIN REPLACEMENT - REPLBS IXL SOUTH PHASE VII STEEL MAIN REPLACEMENT - REPLBS - GSRS EWO - REPLACE MAIN, 105 ELM, DOUBGLASS, KS. LOWERING 50' OF 2" P.E MAIN THAT WAS DAMAGED BY PITTSBURG STREET CREW, 17TH AND GRAND, PITTSBURG, KS REPLACE 450' OF 2" B.S WITH 450' OF 2" P.E REPLACE 850' OF 2" B.S WITH 45" P.E WOOD AND CHICAGO VARCK W OF MILITARY - REPLACE 310' OF LEAKING ISOLATED 2" APBS K-146 AND US 59 HIGHWAY COUNTY RD 1077 N OF ZINC REPL 1128-4" BS WITH 4" PE, BLUE MOUND, KS	2,609.16 2,232.79 2,002.01 1,574.36 3,386.39 (25.86 84.41 160.34 0,88 3,699.07 26.01	Active Active Active Active Active Active Active Active Cancelled In Service Active In Service	
051.054.3741.01032: 051.054.3741.01032: 051.054.3761.01021: 051.054.3761.01022: 051.054.3811.01011: 051.054.3811.01011: 051.054.3831.01018: 051.054.3831.01021: 051.054.3831.01021:	IXL SOUTH PHASE VI STEEL MAIN REPLACEMENT - REPLBS IXL SOUTH PHASE VII STEEL MAIN REPLACEMENT - REPLBS - GSRS EWO - REPLACE MAIN, 50S ELM, DOUGLASS, KS. LOWERING 50' OF 2" P.E MAIN THAT WAS DAMAGED BY PITTSBURG STREET CREW, 17TH AND GRAND, PITTSBURG,KS REPLACE 450' OF 2" B.S WITH 450' OF 2" P.E REPLACE 450' OF 2" B.S WITH 45" OF E WOOD AND CHICAGO VARCK W OF MILITARY - REPLACE 310' OF LEAKING ISOLATED 2" APBS K-146 AND US 59 HIGHWAY COUNTY RD 1077 N OF ZINC REPL 1128-4" BS WITH 4" PE, BLUE MOUND, KS GABRIEL W OF LINCOLN - ABANDON 434' - 4" BS,65" - 2" BS & 124' - 1 1/4" BS - INSTALL 378' -2" PE	2,609.16 2,323.79 2,002.01 1,574.36 3,386.39 (25.80 84.41 160.34 0.80 3,699.07 26.01 22,423.35 (43.23	Active Cancelled In Service Active In Service	
051.054.3741.01032: 051.054.3741.01032: 051.054.3761.01021: 051.054.3761.01022: 051.054.3811.01011: 051.054.3811.01016: 051.054.3831.01018: 051.054.3831.01021: 051.054.3831.01022:	IXL SOUTH PHASE VI STEEL MAIN REPLACEMENT - REPLBS IXL SOUTH PHASE VII STEEL MAIN REPLACEMENT - REPLBS - GSRS EWO - REPLACE MAIN, 505 ELM, DOUGLASS, KS. LOWERING 50' OF 2" P.E MAIN THAT WAS DAMAGED BY PITTSBURG STREET CREW, 17TH AND GRAND, PITTSBURG,KS REPLACE 450' OF 2" B.S WITH 450' OF 2" P.E REPLACE 880' OF 2" B.S WITH 2" P.E WOOD AND CHICAGO VARCK W OF MILITARY - REPLACE 310' OF LEAKING ISOLATED 2" APBS K-146 AND US 59 HIGHWAY COUNTY RD 1077 N OF ZINC REPL 1128-4" BS WITH 4" PE, BLUE MOUND, KS GABRIEL W OF LINCOLN - ABANDON 434' - 4" BS,65" - 2" BS & 124' - 1 1/4" BS - INSTALL 378' - 2" PE 210TH W OF OTTAWAR D - REPLACE 1245' OF 4" BARE STEEL WITH 2" PE	2,609.16 2,323.79 2,002.01 1,574.36 3,386.33 (25.80 84.41 160.34 0.80 3,699.07 26.01 22,423.33 (43.22 30,003.53	Active Cancelled In Service Active In Service In Service In Service	
051.054.3741.01032: 051.054.3741.01032: 051.054.3761.01021: 051.054.3761.01022: 051.054.3811.01011: 051.054.3811.01015- 051.054.3831.01021: 051.054.3831.01022: 051.054.3831.01022: 051.054.3831.01022:	IXL SOUTH PHASE VI STEEL MAIN REPLACEMENT - REPLBS IXL SOUTH PHASE VII STEEL MAIN REPLACEMENT - REPLBS - GSRS EWO - REPLACE MAIN, 50 S ELM, DOUGLASS, KS. LOWERING 50' OF 2" P.E MAIN THAT WAS DAMAGED BY PITTSBURG STREET CREW, 17TH AND GRAND, PITTSBURG, KS REPLACE 450' OF 2" B.S WITH 450' OF 2" P.E REPLACE 850' OF 2" B.S WITH 450' OF EARLY OF EA	2,609.16 2,232.79 2,002.01 1,574.36 3,386.33 (25.80 84.41 160.34 0.88 3,699.07 26.01 22,423.35 (43.23 30,003.53	Active Cancelled In Service Active In Service In Service In Service In Service	
051.054.3741.01032: 051.054.3741.01032: 051.054.3761.01021: 051.054.3761.01022: 051.054.3811.01011: 051.054.3811.01015- 051.054.3831.01018: 051.054.3831.01021: 051.054.3831.01022: 051.054.3831.01022: 051.054.3831.01022:	IXL SOUTH PHASE VI STEEL MAIN REPLACEMENT - REPLBS IXL SOUTH PHASE VII STEEL MAIN REPLACEMENT - REPLBS - GSRS EWO - REPLACE MAIN, 50 S LM, DOUGLASS, KS. LOWERING 50' OF 2" P.E MAIN THAT WAS DAMAGED BY PITTSBURG STREET CREW, 17TH AND GRAND, PITTSBURG, KS REPLACE 450' OF 2" B.S WITH 450' OF 2" P.E REPLACE 880' OF 2" B.S WITH 45" P.E WOOD AND CHICAGO VARCK W OF MILITARY - REPLACE 310' OF LEAKING ISOLATED 2" APBS K-146 AND US 59 HIGHWAY COUNTY RD 1077 N OF ZINC REPL 1128- 4" BS WITH 4" PE, BLUE MOUND, KS GABRIEL W OF LINCOLN - ABANDON 434' - 4" BS,65" - 2" BS & 124' - 1 1/4" BS - INSTALL 378' -2" PE 210TH W OF OTTAWA RO - REPLACE 1245' OF 4" BARE STEEL WITH 2" PE EXTEND H.P. 2: PE MAIN FOR 550' TO ELIMINATE (2) BEAD END BS. MAIN 4: B.5 AND B: B.S GSRS-EL-KANSAS DEPARTMENT OF TRANSPORTATION - 2012 KLINK - LEAVENWORTH ROAD	2,609.16 2,232.79 2,002.01 1,574.36 3,386.39 (25.86 84.41 160.34 0,88 3,699.07 26.01 22,423.35 (43.23 30,003.53 20,558.82	Active In Service	
051.054.3741.01032: 051.054.3741.01032: 051.054.3761.00121: 051.054.3761.010122: 051.054.3811.01011: 051.054.3811.01018: 051.054.3831.01021: 051.054.3831.01022: 051.054.3831.01022: 051.054.3831.01023: 051.054.3831.01023: 051.055.3522.01077: 051.055.3522.010781:	IXL SOUTH PHASE VI STEEL MAIN REPLACEMENT - REPLBS IXL SOUTH PHASE VII STEEL MAIN REPLACEMENT - REPLBS - GSRS EWO - REPLACE MAIN, 505 ELM, DOUGLASS, KS. LOWERING 50' OF 2" P.E MAIN THAT WAS DAMAGED BY PITTSBURG STREET CREW, 17TH AND GRAND, PITTSBURG,KS REPLACE 450' OF 2" B.S WITH 450' OF 2" P.E REPLACE 450' OF 2" B.S WITH 450' OF 2" P.E REPLACE 480' OF 2" B.S WITH 450' OF EAKING ISOLATED 2" APBS WOOD AND CHICAGO VARCK W OF MILITARY - REPLACE 310' OF LEAKING ISOLATED 2" APBS K-146 AND US 59 HIGHWAY COUNTY RD 1077 N OF ZINC REPL 1128-4" BS WITH 4" PE, BLUE MOUND, KS GABRIEL W OF LINCOLN - ABANDON 434" - 4" BS,65" - 2" BS & 124" - 1 1/4" BS - INSTALL 378' -2" PE 210TH W OF OTTAWA RD - REPLACE 1245' OF 4" BARE STEEL WITH 2" PE EXTEND H.P 2: P.E MAIN FOR 550' TO ELIMINATE (2) DEAD B.S MAIN 4: B.5 AND 8: B.S GSRS-EL-KANSAS DEPARTMENT OF TRANSPORTATION - 2012 KLINK - LEAVENWORTH ROAD WORK FOR 2013 C.I. MAIN REPLACEMENT AND ALSO NEEDED FOR RETIREMENT OF DRS3 1028 AT 17TH AND ORVILLE.	2,609.16 2,323.79 2,002.01 1,574.36 3,386.33 (25.80 84.41 160.34 0.80 3,699.07 26.01 22,423.35 (43.23 30,003.53 20,558.2e 2,898.54	Active In Service	
051.054.3741.01032: 051.054.3741.01032: 051.054.3761.01021: 051.054.3761.01022: 051.054.381.01011: 051.054.381.01013: 051.054.3831.01023: 051.054.3831.01022: 051.054.3831.01022: 051.054.3831.01023: 051.054.3831.01023: 051.055.3522.01077: 051.055.3522.01071:	IXL SOUTH PHASE VI STEEL MAIN REPLACEMENT - REPLBS IXL SOUTH PHASE VII STEEL MAIN REPLACEMENT - REPLBS - GSRS EWO - REPLACE MAIN, 505 ELM, DOUGLASS, KS. LOWERING 50' OF 2" P.E MAIN THAT WAS DAMAGED BY PITTSBURG STREET CREW, 17TH AND GRAND, PITTSBURG, KS REPLACE 450' OF 2" B.S WITH 450' OF 2" P.E REPLACE 880' OF 2" B.S WITH 450' OF EAKING ISOLATED 2" APBS WOOD AND CHICAGO VARCK W OF MILITARY - REPLACE 310' OF LEAKING ISOLATED 2" APBS K-146 AND US 59 HIGHWAY COUNTY RD 1077 N OF ZINC REPL 1128-4" BS WITH 4" PE, BLUE MOUND, KS GABRIEL W OF LINCOLN - ABANDON 434" - 4" BS,65" - 2" BS & 124" - 1 1/4" BS - INSTALL 378' -2" PE 210TH W OF OTTAWAR AP - REPLACE 1245' OF 4" BARE STEEL WITH 2" PE EXTEND H.P 2: P.E MAIN FOR 550' TO ELIMINATE (2) DEAD END B.S MAIN 4: B.5 AND 8: B.S GSRS-EL-KANSAS DEPARTMENT OF TRANSPORTATION - 2012 KLINK - LEAVENWORTH ROAD WORK FOR 2013 C.I. MAIN REPLACEMENT AND ALSO NEEDED FOR RETIREMENT OF DRS3 1028 AT 17TH AND ORVILLE. GSRS EL: INSTALL 225' OF 2" T.F. FOR THREE DOGLEGS AND ONE CHANNEL CROSSING AT 70TH ST. AND 70TH TER	2,609.16 2,232.79 2,002.01 1,574.36 3,386.33 (25.80 84.41 160.34 0.88 3,699.07 26.01 22,423.33 30,003.53 20,558.28 2,898.54 (714.45	Active In Service	
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	2M METER FOR 9512 MARSHALL		In Service	
	GSRS 5730 AND 732 CONNELL STORM IMPROVEMENT		In Service	
	GSRS EL-KANSAS CITY KANSAS-—42ND STREET FROM SHAWNEE DRIVE TO LOCUST	8,261.64	In Service	
051.055.3531.010060	2ND ST @ 3 MILE CREEK - BRIDGE REPLACEMENT	348.80		
	TEC 2 - CNTY RELOCATE 280 2" APCS CROSSING STINSON CREEK ON SE TECUMSEH RD		In Service	
	GSRS CITY RD IMPROVEMENT 10TH & GAGE TO FAIRLAWN	66,936.79	In Service	
051.055.3621.005100	REBUILD SERVICE LINE PUBLIC IMPROVEMENT	187.05	In Service	
	ELLINWOOD HIGHWAY - PHASE I - PUBIMPROVE	6,861.17		
	ELLINWOOD HIGHWAY PHASE III - PUBIMPROVE	70,061.93		376
	ELLINWOOD HIGHWAY - DRS 3003-0003 RELOCATION - REGSTA - PUBIMPROVE	16,198.00		
	WALNUT AVE & E KANSAS AVE - HEALTH CLINIC MAIN MOVE	46,192.60	In Service	
	HAVILAND STREET IMPROVEMENT PROJECT 24TH & WALDRON- REPLACE OR LOWER MAIN DUE CITY OF HUTCHINSON STREET PAVING PROJECT	4,912.54		
	EWO - 26TH & WALDRON - REPOUTE 2* PE FOR ROAD CUT	2,300.05		
	WASHINGTON AND C AVE - PUBIMPROVE	1,445.47	Active	
051.055.3635.010049	AVE A GOVERNMENT RELOCATION FROM S ELM ST TO 5 HARTUP ST - MCPHERSON, KS	232,769.69	In Service	
	NDU - ONAGA - RELOCATE 160' OF 2"PE DUE TO CITY BRIDGE REPLACEMENT	376.94		
	NDU - SENECA - RPLC 200'-2"APBS WITH 200'-APCS ST XING @ 6TH & HWY 36 FOR STORM SEWER INSTALLATION	7,268.24		
	MASCOT STREET -29TH TO 31ST ST NORTH		Cancelled	
	BLANKET WORK ORDER FOR PROBES	(11,899.66)	Cancelled	
	REAL ESTATE RESEARCH EXPENSES FOR WICHITA - EASEMENTS AND LAND RIGHTS BLANKET WORK ORDER FOR PROBES		Cancelled	
	802 SW 14TH ST - NEWTON WASTEWATER TREATMENT PLANT - 4" RPCS MAIN RELOCATION		In Service	
	RELOCATE / REBUILD EAST TBS - WEBB RD NORTH OF KELLOGG	9,732.50		
051.055.3721.010421	WICHITA EAST TBS - I-35 & WEBB RD	15,000.57	Active	
051.055.3721.010422	21ST ST NORTH - OLD DERBY REFINERY - BRIDGE REPLACEMENT PROJECT	109,058.33		376
	GSRS EL: REPLACE 700' OF 10" AND 12" RPBS WITH 12" T.F AT KELLOGG AND WEST ST.	161,005.80		
	151ST AND WOODBINE - LOWER 4" PE - PUBIMPROVE		Cancelled	
	GSRS EL: KELLOGG DR AND CARMAX ENTRANCE: RELOCATE 375' OF EXISTING 2" PE MAIN FOR NEW 16" WATER MAIN GSRS EL: PRAIRIE HAWK AND EDGEMOOR-LOWER 350' OF 4" AND 2" PE MAIN DUE TO PAVING PROJECT		In Service Cancelled	
	PAWNEE - HYDRAULIC TO POPLAR ST. CITY OF WICHITA ROAD REBUILD PROJECT	192,913.87		376
	REPLACE MAIN - 8TH & SKYLINE - ARK, CITY, KS. (GSRS) CITY ROAD IMPROVEMENT	· ·	In Service	
	EWO - 4TH & VINE - ARK CITY - SANITARY SEWER RELOCATION PROJECT	10,720.96	In Service	
	ELM & 3RD REPLACE EXPOSED PIPE FOR DRAINAGE DITCH REBUILD.	3,734.08	Active	
051.055.3741.010039	WASHINGTON & 21ST WELLINGTON. ROAD MOVE DUE TO SHALLOW PIPE	16,122.67	In Service	
	QUINCY E OF JOPLIN - REPLACE 33S' - 6" APBS WITH 342' - 4" PE		In Service	
	REBUILD SERVICE LINE	54,231.19		
	MULTIPLE MAIN LOWERINGS ON NATIONAL ST FROM 10TH-12TH ST, FORT SCOTT DUE TO CITY ROAD PROJECT.		In Service	
	INSTALL NEW DRS FOR S-99 SYSTEM AT 87TH AND PENROSE FOR NEW DEVELOPMENT 207TH ST & GEORGE RD- TBS# 2105-0004 TONGANOXIE LAMING TAP- INSTALL SCADA TRANSMITTERS	16,898.50 6,228.60		
	INSTALLING RECTIFIER AND GROUND BED, SOUTH OF AIRPORT RD. AND WEST OF THE AIRPORT.	47,687.31		
	INSTALL 1164 FEET OF 4" PE PIPE ALONG THE NORTH ROW OF 294TH RD BETWEEN FAIRWAY DR AND BROOKDALE DR	17,714.47		
	INSTALL REAL-TIME TBS PRESSURE MONITORING IN TOPEKA	3,720.65		
	18TH & ADAMS UPGRADE RECTIFIER	1,310.68	Active	
	8TH & MAIN ST CONVERT SOLAR RECTIFIER TO CONVENTIONAL	1,319.30	Active	
051.056.3631.010075	4TH. 1808 E. HUT. INST 2" PE	(2,315.72)		
	MANHATTAN - INSTALL MAIN FOR THE GOODNOW/TECUMSEH ROAD TIE-IN		Cancelled	
	MANHATTAN-INSTALL 720' OF 2" PE MAIN @ AMHERST AVE	1.49 77,478.08	Active	376
	MANHATTAN- INSTALL ANODES AND BOND COUPLINGS IN THE MANHATTAN AND OGDEN NDU - MANHATTAN - INSTALL RECTIFIER @ 1119 EL PASO LN	33,079.21		376
	NDU - MANHATTAN - INSTALL ANODES AND BOND COUPLINGS IN MANHATTAN TO RESTORE CORROSION PROTECTION	43,798.43		376
	NDU - MANHATTAN - INSTALL RECTIFIER @ 411 SHORT RD, BELVUE	42,304.71		376
051.056.3651.010121	NDU - MANHATTAN - INSTALL RECTIFIER & GROUNDBED @ 9TH & LEAVENWORTH	52,419.05	Active	376
051.056.3651.010122	MANHATTAN- INSTALL ANODES AND BOND COUPLINGS IN MANHATTAN AND OGDEN	27,846.19	Active	376
	NDU - MANHATTAN - INSTALL GROUND BED FOR CORROSION CONTROL OF STEEL SYSTEM	4,935.58		
	NDU - MANHATTAN - INSTALL 225'-2"PE TO LOOP SYSTEM ON KIMBALL AVE FOR FUTURE KSU DEVELOPMENT	335.23		
	FRANKFORT-WASHINGTON-ONAGA-WATERVILLE INSTALL ANODES & BOND COUPLINGS	1,258.39 6,315.01		
	HOME CITY - INSTALL RECTIFIER & GROUNDBED ON SOUTHWEST SIDE OF TOWN TO PROTECT WHOLE TOWN NDU - MARYSVILLE AREA - INSTALL ANODES & BOND COUPLINGS TO RESTORE CORROSION PROTECTION	44,112.73		376
	BARNES AT 2ND AND MAIN STREETS		In Service	3,0
	NDU - MARYSVILLE AREA - INSTALL ANODES & BOND COUPLINGS TO RESTORE CORROSION PROTECTION	62,393.43		376
051.056.3721.010257	DRS 002 - HAYSVILLE	23,335.00	Active	376, 374.2
051.056.3721.010265	MACARTHUR AND HOOVER - NEW DRS FOR SYSTEM REINFORCEMENT	400.69	Active	
	DERBY TBS NEW ODORIZER - REGSTA	18,353.57		
	DRS #2801-0157 - PAWNEE & EVERETT - REPLACE EXPIRING LEASE WITH EASEMENT		In Service	
	TBS-167TH ST & KENNETH RD- PURCHASE AND INSTALL A 4" EMERSON ELITE METER CMF-400 PEAK PERFORMANCE HILLSDALE LAKE TBS# 2122-0001- REPLACE SECURITY FENCE AROUND TBS	6,501.77	Cancelled	
	PRARIE VIEW HOSPITAL-NEWTON	•	In Service	
	ENVIRONMENTAL CHAMBER FOR ONE GAS MATERIALS TESTING FACILITY	45,004.75		
	201S OVERLAND PARK FLEET CENTER VEHICLE LIFT	20,159.44	In Service	
051.092.3021.010013	2015 EQUIPMENT FOR NEW OVERLAND PARK FLEET CENTER	66,393.73	In Service	
	2015 TOOLS FOR WICHITA FLEET CENTER		In Service	
	2015 EQUIPMENT FOR KANSAS CITY FLEET CENTER	11,598.87		
	2015 EQUIPMENT FOR TOPEKA FLEET CENTER	11,601.53		
	2015 EQUIPMENT FOR WICHITA FLEET CENTER DIRECTIONAL DRILL & DRILL EQUIPMENT WITH TRANSPORT TRAILER	18,426.87 171,204.50		
	2015 EQUIPMENT FOR ATCHISON EXCAVATOR RENTAL PAYOFF	14,987.23		
	2014 CASE SV185 SKID STEER	43,253.88		
	2016 CASE SV185 SKID STEER	43,248.42		
	2016 CASE SV185 SKID STEER	40,884.78		
	2016 CASE SV185 SKID STEER	40,545.40		
	2015 KUBOTA MODEL: KX91R3AS2 SPEC ME60	56,559.50		
	2015 KUBOTA MODEL: KX91R3AS2 SPEC ME60	56,559.50		
	KUBOTA KX71-354R2 EXCAVATOR SERIAL#20374 KUBOTA KY71-354R2 EXCAVATOR SERIAL#20374	39,993.20 39,993.23		
	KUBOTA KX71-3S4R2 EXCAVATOR SERIAL#20374 KUBOTA KX71-3S4R2 EXCAVATOR SERIAL#20374	39,993.24		
	KUBOTA KX71-354R2 EXCAVATOR SERIAL#20374 KUBOTA KX71-354R2 EXCAVATOR SERIAL#20374	39,993.24		
	KUBOTA KX91-R3AS2 EXCAVATOR SERIAL#43761	58,905.70		
	2015 TIRE MACHINE EQUIPMENT FOR KANSAS CITY	1,055.51		
	2015 TIRE MACHINE EQUIPMENT FOR TOPEKA	1,054.54		
	2015 TIRE MACHINE EQUIPMENT FOR WICHITA	1,051.11		
	PURCHASE (3) ROTARY GAS METER TESTERS		In Service	
	PURCHASE (10) GAS RANGER NATURAL GAS AND OXYGEN DETECTOR FOR C&M PURCHASE (4) GAS RANGER NATURAL GAS AND CO DETECTOR FOR C&M AND (1) FOR I&S	22,196.00 11,098.00		
	PURCHASE (4) GAS RANGER NATURAL GAS AND CO DETECTOR FOR C&M AND (1) FOR I&S PURCHASE (18) VALVE CHANGERS FOR I&S	11,098.00 59,819.35		
	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	33,013.33		

051.092.3522.010177	PURCHASE (1) DRILLING MACHINE T-101	4,387.38	In Service
	PURCHASE 2 FISHER M-SCOPE LOCATORS FOR C&M	1,731.68	In Service
051.092.3531.010034	PURCHASE TWO ROVERS FOR LEAVENWORTH/LANSING	19,286.25	In Service
	PURCHASE A GAS ROVER NATURAL GAS DETECTOR	-	In Service
	PURCHASE ONE ITRON FC300 FOR ATCHISON		In Service
	PURCHASE GROUND LEVEL SQUEEZE TOOL FOR TOPEKA		In Service
	PURCHASE (2) WORK LIGHTS FOR TOPEKA	•	In Service
	PURCHASE MERIAM M201 ROTARY GAS METER TESTER & PRESSURE GAUGE FOR TOPEKA		In Service
	PURCHASE TWO BASCOM-TURNER ROVER UNITS	12,586.00	
	PURCHASE ONE RMLD UNITY FOR GREAT BEND SERVICE AREA 2015 PRATT OPERATING AREA TOOLS	21,714.58	
			Cancelled
	PURCHASE ONE BASCOM-TURNER GAS ROVER UNIT BASCOM TURNER ROVER FOR MCPHERSON		In Service
	PURCHASE WELDING TOOLS & SUPPLIES, BELOIT, KS		In Service In Service
	NDU - MANHATTAN - PURCHASE PIPE WALL THICKNESS GAUGE	1,377.70	
	NOU - MANHATTAN - PURCHASE PIPE WALL THICKNESS GAUGE	1,565.40	
	MARYSVILLE - PURCHASE A BASCOM/TURNER ROVER	6,649.50	
	MARYSVILLE - PURCHASE A DIGITAL MANOMETER	1.812.94	
	MARYSVILLE - PURCHASE AIR DRILL & DRILL BAR STEM	7,074.26	
	NDU - MARYSVILLE - PURCHASE A V3 PATHFINDER LOCATING SYSTEM BY RYCOM INSTRUMENTS INC.	2,461.89	
	NDU - MARYSVILLE - PURCHASE UNDERGROUND PIERCING TOOL	3,183.04	
	PURCHASE A NEW/USED BOOM LIFT FOR MCPHERSON TRANSMISSION	26,729.50	
051.092.3685.010048	PURCHASE NEW 10LB TAPPING MACHINE AND TOOLS	9,191.93	In Service
	2015-BLANKET WORK ORDER FOR TOOL PURCHASES	102,269.66	
051.092.3741.010017	TO PURCHASE PIPELINE LOCATING EQUIPMENT	5,811.48	Active
051.092.3761.010053	TOOL BLANKET	1,123.57	Active
051.092.3761.010054	PURCHASE FC300 HANDHELD RADIO, AC POWER SUPPLY,CORD, DOCK AND ANNUAL MAINTENANCE	5,845.03	Active
051.092.3761.010055	TOOL BLANKET	30,318.18	Active
051.092.3872.010005	TOOLS BLANKET - BARTLESVILLE	4,470.26	In Service
	TOOLS BLANKET - MIAMI	14,393.89	In Service
	2015 LIGHT DUTY SPEC APV2 2 PASSENGER CARGO VAN		Active
	2015 LIGHT DUTY SPEC APV2 2 PASSENGER CARGO VAN		Active
	2015 LIGHT DUTY SPEC APV2 2 PASSENGER CARGO VAN		Active
	2015 LIGHT DUTY SPEC C1160EX, GS108 1TON CREW CAB & CHASSIS 4X4	44,070.17	
	2015 LIGHT DUTY SPEC C1160EX, GS108 1TON CREW CAB & CHASSIS 4X4	43,885.61	
	2015 LIGHT DUTY SPEC C2SE, GS96 3/4 TON EXT CAB 4X2	45,686.58	
	2015 LIGHT DUTY SPEC C25E, GS96 3/4 TON EXT CAB 4X2	45,689.94	
	2015 LIGHT DUTY SPEC C25E, GS96 3/4 TON EXT CAB 4X2	45,689.91	
	2015 LIGHT DUTY SPEC C2SEN, GS96 3/4 TON EXT CAB 4X2	56,416.74	
	2015 LIGHT DUTY SPEC C25EN, GS96 3/4 TON EXT CAB 4X2	56,420.68	
	2015 LIGHT DUTY SPEC C25EN, G596 3/4 TON EXT CAB 4X2	56,378.80	
	2015 LIGHT DUTY SPEC C25EX, G596 3/4 TON EXT CAB 4X4	48,520.29	
	2015 LIGHT DUTY SPEC C25EX, G596 3/4 TON EXT CAB 4X4	48,569.37	
	2015 LIGHT DUTY SPEC C25EX, GS96 3/4 TON EXT CAB 4X4	48,516.95	
	2015 LIGHT DUTY SPEC C25EX, GS96 3/4 TON EXT CAB 4X4	48,576.64	
	2015 LIGHT DUTY SPEC C25EX, GS96 3/4 TON EXT CAB 4X4 2015 LIGHT DUTY SPEC C25EXN, GS96 3/4 TON EXT CAB 4X4	48,625.36	
	2015 LIGHT DUTY SPEC C25EXN, G596 3/4 TON EXT CAB 4X4	59,246.79 59,254.07	
	2015 LIGHT DUTY SPEC C25EXN, GS96 3/4 TON EXT CAB 4X4	59,254.01	
	2015 LIGHT DUTY SPEC P15EN 1/2 TON EXT CAB 4X2	39,287.41	
	2015 LIGHT DUTY SPEC P1SEN 1/2 TON EXT CAB 4X2	39,607.65	
	2015 LIGHT DUTY SPEC P15EN 1/2 TON EXT CAB 4X2	39,450.62	
	2015 LIGHT DUTY SPEC P15EN 1/2 TON EXT CAB 4X2	37,678.66	
	2015 LIGHT DUTY SPEC P15EN 1/2 TON EXT CAB 4X2	37,622.32	
	2015 LIGHT DUTY SPEC P1SEN 1/2 TON EXT CAB 4X2	39,570.28	
	2015 LIGHT DUTY SPEC P15EN 1/2 TON EXT CAB 4X2	36,682.01	
051.093.3021.010101	2015 LIGHT DUTY SPEC P1SEN 1/2 TON EXT CAB 4X2	37,548.89	In Service
051.093.3021.010102	2015 LIGHT DUTY SPEC P15EN 1/2 TON EXT CAB 4X2	39,521.22	In Service
051.093.3021.010103	2015 LIGHT DUTY SPEC P15EN 1/2 TON EXT CAB 4X2	36,642.86	In Service
051.093.3021.010104	2015 LIGHT DUTY SPEC P1SEX 1/2 TON EXT CAB 4X4	32,640.84	In Service
	201S LIGHT DUTY SPEC P1SEXN 1/2 TON EXT CAB 4X4	43,586.86	
051.093.3021.010106	2015 LIGHT DUTY SPEC P15EXN 1/2 TON EXT CAB 4X4	41,611.20	
	2015 LIGHT DUTY SPEC P1SEXN 1/2 TON EXT CAB 4X4	43,583.51	
	2015 LIGHT DUTY SPEC P15EXN 1/2 TON EXT CAB 4X4	41,945.44	
	2015 LIGHT DUTY SPEC P25E 3/4 TON EXT CAB 4X2	32,032.65	
	2015 LIGHT DUTY SPEC C1160EX, GS108 1TON CREW CAB & CHASSIS 4X4	50,903.99	
	2015 LIGHT DUTY SPEC C1160EX, GS108E 1TON CREW CAB & CHASSIS 4X4	43,216.63	
	2015 LIGHT DUTY SPEC C1160EX, GS108E 1TON CREW CAB & CHASSIS 4X4	43,469.30	
	2015 LIGHT DUTY SPEC C25E, GS96 3/4 TON EXT CAB 4X2	45,522.89 45.512.89	
	2015 LIGHT DUTY SPEC C2SE, GS96 3/4 TON EXT CAB 4X2 2015 LIGHT DUTY SPEC C2SE, GS96 3/4 TON EXT CAB 4X2	45,512.89 45,451.54	
	2015 LIGHT DUTY 5PEC C25E, GS96 3/4 TON EXT CAB 4X2 2015 LIGHT DUTY 5PEC C25E, GS96 3/4 TON EXT CAB 4X2	45,451.54 45,584.05	
	2015 LIGHT DUTY SPEC C25E, G596 3/4 TON EXT CAB 4X2	45,544.97	
	2015 LIGHT DUTY SPEC C25EN, GS96 3/4 TON EXT CAB 4X2	52,338.01	
	2015 LIGHT DUTY SPEC C25EN, GS96 3/4 TON EXT CAB 4X2	56,200.65	
	2015 LIGHT DUTY SPEC C25EX, G596 3/4 TON EXT CAB 4X4	48.517.48	
	2015 LIGHT DUTY SPEC C25EX, GS96 3/4 TON EXT CAB 4X4	48,536.64	
	2015 LIGHT DUTY SPEC C25EX, G596 3/4 TON EXT CAB 4X4	44,710.09	
	2015 LIGHT DUTY SPEC C25EXN, GS96 3/4 TON EXT CAB 4X4	55.785.73	
	2015 LIGHT DUTY SPEC C25EXN, G596 3/4 TON EXT CAB 4X4	59,188.59	-
	2015 LIGHT DUTY SPEC C25EXN, GS96 3/4 TON EXT CAB 4X4	59,223.17	
	2015 LIGHT DUTY SPEC P15E 1/2 TON EXT CAB 4X2	30,425.68	
051.093.3021.010127	2015 LIGHT DUTY SPEC P15E 1/2 TON EXT CAB 4X2	30,466.03	In Service
	2015 LIGHT DUTY SPEC P15E 1/2 TON EXT CAB 4X2	30,368.75	
	2015 LIGHT DUTY SPEC P15E 1/2 TON EXT CAB 4X2	28,570.29	
	2015 LIGHT DUTY SPEC P15E 1/2 TON EXT CAB 4X2	28,570.29	
	2015 LIGHT DUTY SPEC P15E 1/2 TON EXT CAB 4X2	28,480.51	In Service
	2015 LIGHT DUTY SPEC P15EN 1/2 TON EXT CAB 4X2	39,665.76	
	2015 LIGHT DUTY SPEC P15EN 1/2 TON EXT CAB 4X2	39,672.76	
	2015 LIGHT DUTY SPEC P15EX 1/2 TON EXT CAB 4X4	35,973.66	
	2015 LIGHT DUTY SPEC P15EX 1/2 TON EXT CAB 4X4	32,400.41	
	2015 LIGHT DUTY SPEC P15EX 1/2 TON EXT CAB 4X4	32,400.41	
	2015 LIGHT DUTY SPEC P15EX 1/2 TON EXT CAB 4X4	35,201.69	
	2015 LIGHT DUTY SPEC P15EX N 1/2 TON EXT CAB 4X4	43,583.30	
	2015 LIGHT DUTY SPEC P15EX N 1/2 TON EXT CAB 4X4	43,579.96	
051.093.3021.010140	2015 LIGHT DUTY SPEC P15EX N 1/2 TON EXT CAB 4X4	41,264.89	in Service

394.1

394.1

051.093.3021.010141	2015 LIGHT DUTY SPEC P25EXL 3/4 TON EXT CAB 4X4	35,675.95	In Service
051.093.3021.010143	2015 MEDIUM DUTY SPEC C33108 FREIGHTLINER MODEL M2106 108* CA W/ GC185E BODY	538.51	Active
051.093.3021.010144	2015 MEDIUM DUTY SPEC C33108 FREIGHTLINER MODEL M2106 108" CA W/ GC185E BODY	502.55	Active
051.093.3021.010145	2015 MEDIUM DUTY SPEC C33120 FREIGHTLINER MODEL M2106 118" CA W/ GC185 BODY	502.55	Active
051.093.3021.010146	2015 LIGHT DUTY SPEC C1160X, G5108E REG CAB DUAL REAR WHEEL 3500 4X4 DIESEL CHASSIS	41,358.52	In Service
051.093.3021.010147	2015 LIGHT DUTY SPEC C1160X, G5108E REG CAB DUAL REAR WHEEL 3500 4X4 DIESEL CHASSIS	41,069.07	In Service
051.093.3021.010148	2015 LIGHT DUTY SPEC C2SEX-GS96 2500 EXT CAB 4X4 WITH SERVICE BODY	43,589.61	In Service
051.093.3021.010149	2015 LIGHT DUTY SPEC C2SEX-GS96 2500 EXT CAB 4X4 WITH SERVICE BODY	43,345.29	In Service
051.093.3021.010150	2015 LIGHT DUTY SPEC C2SE-G596 2500 EXT CAB WITH SERVICE BODY	40,790.79	In Service
051.093.3021.010151	2015 LIGHT DUTY SPEC C2SE-G596 2500 EXT CAB WITH SERVICE BODY	40,790.78	In Service
051.093.3021.010152	2015 LIGHT DUTY SPEC C2SE-G596 2500 EXT CAB WITH SERVICE BODY	40,790.40	In Service
051.093.3021.010153	2015 LIGHT DUTY SPEC C25EXN-G596 2500 EXT CAB 4X4 WITH 5ERVICE BODY WITH CNG	52,963.54	In Service
051.093.3021.010154	2015 LIGHT DUTY SPEC C25EN-GS96 2500 EXT CAB WITH SERVICE BODY WITH CNG	50,228.39	In Service
051.099.3000.010012	PLC Alarm Management	16,915.30	In Service
051.101.3000.010026	Banner PCR 2014 changes	39,213.75	In Service

KANSAS GAS SERVICE, A DIVISION OF ONE GAS, INC. Docket No. 16-KGSG-xxx-RTS

Data Request No. 26

Attachment B

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_	A	В	C		<u> </u>	Г		П	
	ONE Gas								
_	Corporate CWIP included in the Application								
_	As of December 31, 2015								
4						Company			
1					F-43441	Corporate	AU	KGS Allocated	
١.				In Service as of	Estimated In	Unallocated	Allocation		
_	utility_account	work_order_number	work_order_long_desc	04/30/2016	Service Date	Amount	%	Amount	
_	390.1 - Structures and Improvements	101.094.1717.010001	OVERLAND PARK MISSION SC PARKING LOT REPLACEMENT	Yes		99,612	100%	99,612	
-	390.1 - Structures and Improvements	101.094.1717.010002	TOPEKA FLEET GARAGE PARKING LOT REPLACEMENT	Yes		63,232	100%	63,232	
	390.1 - Structures and Improvements	101.094.1717.010003	TOPEKA INFO CENTER PARKING LOT REPLACEMENT	Yes		125,520	100%	125,520	
	390.1 - Structures and Improvements	101.094.1717.010004	TOPEKA SC PARKING LOT REPLACEMENT	Yes		125,111	100%	125,111	
10	390.1 - Structures and Improvements	101.094.1717.010005	WICHITA FLEET GARAGE EXHAUST SYSTEM	Yes		23,044	100%	23,044	
	390.1 - Structures and Improvements	101.094.1717.010006	WICHITA SERVICE CENTER PARKING	Yes		97,223	100%	97,223	
12	390.1 - Structures and Improvements Total					533,742		533,742	
_	390.2 - Leasehold Improvements	101.097.0101.010007	CONSTRUCTION FOR 2ND FLOOR FTP	Active	5/31/2016	1,246,006	33.2967%	414,879	
$\overline{}$	390.2 - Leasehold Improvements	101.097.1717.010002	ONE GAS BASEMENT BUILD OUT FOR RECORDS INFORMATION MANAGEMENT	Yes		7,861	33.2967%	2,618	
15	390.2 - Leasehold Improvements	101.097.1717.010004	ONE GAS NEW OFFICE BUILD OUT 19TH FLOOR	Yes		1,613	33.2967%	537	
_	390.2 - Leasehold Improvements	101.097.1717.010006	ONE GAS FTP CYBER SERURITY CAMERA	Yes		31,111	33.2967%	10,359	
	390.2 - Leasehold Improvements Total					1,286,591		428,392	
18	391.1 - Office Furniture & Fixtures	101.091.1717.010001	AUDIO VIDEO SYSTEM UPGRADES - OVERLAND PARK DIVISION OFFICE	Yes		96,352	100%	96,352	
19	391.1 - Office Furniture & Fixtures	101.091.1717.010004	NEW VERTICAL DESK 28TH FLOOR 2858	Yes		2,065		688	
20	391.1 - Office Furniture & Fixtures	101.091.1717.010005	AUDIO VIDEO SYSTEM REPLACEMENTS MULTIPLE LOCATIONS	Active	5/31/2016	43,638	33.2967%	14,530	
21	391.1 - Office Furniture & Fixtures	101.091.1717.010012	FPT VERTICAL WORKSTATIONS	Yes		36,986	33.2967%_	12,315	
22	391.1 - Office Furniture & Fixtures Total					179,041		123,884	
23	391.6 - Purchased Software	101.100.1502.010022	INCREASE DS8K STORAGE ARRAYS	Yes			33.2967%	10,778	
24	391.6 - Purchased Software	101.100.1502.010023	SERVICE NOW FOUNDATION	Yes		12,123	33.2967%	4,037	
25	391.6 - Purchased Software	101.100.1502.010024	CUSTOMER FIRST PROGRAM PHASE I	Active	9/30/2016	773,220		257,457	
26	391.6 - Purchased Software	101.100.1502.010025	SCADA IMPROVEMENTS	Active	5/31/2016	27,573	33.2967%	9,181	
27	391.6 - Purchased Software	101.101.1502.010006	ONE GAS CSSP MOBILE APP	Yes		54,720	33.2967%	18,220	
28	391.6 - Purchased Software	101.101.1502.010018	ENTERPRISE CONTENT MANAGEMENT	Active	5/31/2016	681,117	33.2967%	226,789	
29	391.6 - Purchased Software	101.101.1502.010019	WEBSITE NEXT	Active	11/30/2016	132,898	33.2967%	44,250	
30	391.6 - Purchased Software	101.101.1502.010021	AP ENHANCEMENTS	Active	6/30/2016	328,829	33.2967%	109,489	
31	391.6 - Purchased Software	101.101.1502.010027	AUTOSOL ACM	Active	5/31/2016	40,133	33.2967%	13,363	
32	391.6 - Purchased Software	101.101.1912.010001	PROGRAM MANAGEMENT OFFICE 2014	Yes		621	33.2967%	207	
33	391.6 - Purchased Software	101.101.1912.010003	LEVERAGING GIS PHASE I	Yes		565	33.2967%	188	
34	391.6 - Purchased Software	101.101.1912.010004	WORK MGMT - M&I (MAXIMO)	Yes		328,000	33.2967%	109,213	
35	391.6 - Purchased Software	101.101.1912.010005	FIELD ENABLEMENT PH2 M&I (CAP)	Yes		1,496	33.2967%	498	
36	391.6 - Purchased Software Total					2,413,665		803,671	
37	397.0 - Communication Equipment	101.098.1717.010001	CALISTA RADIO TOWER REMOVAL	Yes		34,500	100%		Note 1
_	397.0 - Communication Equipment Total					34,500		34,500	
_	Grand Total					4,447,540		1,924,190	1
40					!				
41									
			Note 1: KGS removal costs in CWIP as of Dec. 2015. Adjusted out of CWIP and						
			credited to the Accumulated Reserve in filing. See FERC Account 397.0 -						1
			Communication Equipment, Work Order #101.098.1717.010001. Included in						
42			Adjustment ADA 2.					(34,500)	
			Corporate Assets and Accumulated Reserve KGS Total Allocated to KGS- CWIP.						
43			Included in Adjustment PLT 3.					1,889,690	

Docket Number 16-KGSG-491-RTS Information Request

Data Request: 16-491 KCC-055: Dues

Company Name: Kansas Gas Service, a Division of ONE Gas, Inc.

Request Date: Preliminary Requests Date Information Needed: TBA Requested By: Justin Grady

Page 1of 1

Please provide the following:

- 1. Please provide a listing of all payments made to industry associations, including memberships, included in the Applicant's test year expenses. Please include the amount paid, date paid, payee, and the account to which the payments were recorded.
- 2. If any association listed in response to this DR is involved in lobbying or political activity, please provide the percentage of dues or amount of payment(s) made to each association that are related to lobbying or political activity.
 - Please see attachment "KCC-055 Attachment A.pdf" for the listing of payments made to industry associations. For corporate industry association costs allocated to KGS causally and through OGS Distrigas, please see "KCC-055 Attachment B" and "KCC-055 Attachment C" respectively.
 - 2. 4.5% of the American Gas Association dues paid by the company are related to lobbying or political activity. 4.5% of the total dues were removed in adjustments WC 1 and IS 15.

Prepared by: Matthew Bieberly

Verification of Response

I have read the foregoing Information Request and answer(s) thereto and find answer(s) to be true, accurate, full and complete and contain no material misrepresentations or omissions to the best of my knowledge and belief; and I will disclose to the Commission Staff any matter subsequently discovered which affects the accuracy or completeness of the answer(s) to this Information Request.

Signed: Way 16, 20/6

Account Number	Date	Vendor	Line Description	Net Activity	Percentage for Lobbying
9302	31-Jan-2015	American Gas Association	AGA Dues	12,304.84	4.50%
9302	28-Feb-2015	American Gas Association	AGA Dues	12,310.00	4.50%
9302	31-Mar-2015	American Gas Association	AGA Dues	12,310.00	4.50%
9302	30-Apr-2015	American Gas Association	AGA Dues	12,310.00	4.50%
9302	31-May-2015	American Gas Association	AGA Dues	12,310.00	4.50%
9302	30-Jun-2015	American Gas Association	AGA Dues	12,310.00	4.50%
9302	31-Jul-2015	American Gas Association	AGA Dues	12,310.00	4.50%
9302	31-Aug-2015	American Gas Association	AGA Dues	12,310.00	4.50%
9302	30-Sep-2015	American Gas Association	AGA Dues	12,310.00	4.50%
9302	31-Oct-2015	American Gas Association	AGA Dues	12,310.00	4.50%
9302	30-Nov-2015	American Gas Association	AGA Dues	12,310.00	4.50%
9302	31-Dec-2015	American Gas Association	AGA Dues	12,310.00	4.50%
9302	31-Jan-2015	Midwest Energy Association	Midwest Energy Assoc. Dues	3,280.18	0%
9302	28-Feb-2015	Midwest Energy Association	Midwest Energy Assoc. Dues	3,281.00	0%
9302	31-Mar-2015	Midwest Energy Association	Midwest Energy Assoc. Dues	3,281.00	0%
9302	30-Apr-2015	Midwest Energy Association	Midwest Energy Assoc. Dues	3,281.00	0%
9302	31-May-2015	Midwest Energy Association	Midwest Energy Assoc. Dues	3,281.00	0%
9302	30-Jun-2015	Midwest Energy Association	Midwest Energy Assoc. Dues	3,281.00	0%
9302	31-Jul-2015	Midwest Energy Association	Midwest Energy Assoc. Dues	3,281.00	0%
9302	31-Aug-2015	Midwest Energy Association	Midwest Energy Assoc. Dues	3,281.00	0%
9302	30-Sep-2015	Midwest Energy Association	Midwest Energy Assoc. Dues	3,281.00	0%
9302	31-Oct-2015	Midwest Energy Association	Midwest Energy Assoc. Dues	3,281.00	0%
9302	30-Nov-2015	Midwest Energy Association	Midwest Energy Assoc. Dues	3,281.00	0%
9302	31-Dec-2015	Midwest Energy Association	Midwest Energy Assoc. Dues	3,281.00	0%
9302	31-Jan-2015	Southern Gas Association	Southern Gas Association Dues	10,350.00	0%
				197,436.02	
			Political & Lobbying	(6,647.17)	•
			Total	190,788.85	

KANSAS GAS SERVICE, A DIVISION OF ONE GAS, INC. Docket No. 16-KGSG-491-RTS Data Request No. 55 Attachment B Page 1 of 1

NATURAL								Sum of CORPORATE	Sum of \$ ALLOCATED
ACCOUNT	Posting Date	Vendor Name			Line Descript			ALLOCABLE \$	TO KGS
9210100	5/31/2015	SOUTHERN	GAS ASSOCIA	TION (CUST 100834	NETWORK ME	EMBER PLUS	20,000	6,200
Grand Total								20,000	6,200

KANSAS GAS SERVICE, A DIVISION OF ONE GAS, INC. Docket No. 16-KGSG-491-RTS Data Request No. 55 Attachment C Page 1 of 1

Natural				Sum of Test	Sum of Allocated
Account	Posting Date	Vendor Name	Line Description	Year Amount	Test Year
	**************************************	AMERICAN GAS	2015 STUDY SUPPORT LOW CARBON FUTURE &		000) his 1000 000 000 000 000 000 000 000 000 0
9302100	8/31/2015	FOUNDATION	MULTI FAMILY BUILDING SECTOR	20,000	6,694
		SOUTHERN GAS			
9302107	1/31/2015	ASSOCIATION	RECLASSIFY TO DIFFERENT ACCOUNT	10,350	3,540
Grand Total				30,350	10,234

Docket Number 16-KGSG-491-RTS Information Request

Data Request: 16-491 KCC-060: Health Plan

Company Name: Kansas Gas Service, a Division of ONE Gas, Inc.

Request Date: Preliminary Requests Date Information Needed: TBA Requested By: Justin Grady

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Please provide the following:

- 1. Is the company's health plan self insured? If yes, please provide the dollar amount of the individual stop loss and the dollar amount of the company's aggregate stop loss.
- 2. Please provide the dollar amount of health claims paid annually for each of the last five years. Each year should be on the same twelve month period as the test year.
- 3. Does the company during the year (especially at year end) accrue medical expenses? If yes, please explain the purpose of the accrual.

Response:

- 1. Yes. The Individual Stop loss amounts are \$500,000 for the Non-Bargaining Unit Plan and \$200,000 for the Bargaining Unit Plan. The Non-Bargaining Unit Plan increased from \$400,000 to \$500,000 effective 1/1/2012. There is no aggregate Stop-loss policy.
- 2. Please see the tables below for health claims paid since the last rate case.

Bargaining Unit Plans - Kansas Gas United Steel Workers

Claims Paid	2012	2013	2014		2015	
9260191	\$ 4,857,247	\$ 5,554,376	\$ 5,472,559	\$	3,624,735	
IBNR Adjustment						
9260193 activity						
2011	\$ (55,946)					
2012		\$ 165,745				
2013		\$ (500,000)	\$ (4,246)	_		
2014				\$ (28	3,583)	
2014				(20	,,000)	2015 Accrual Adjustment will occur in May 2016 when
2015			 			claims run-out is final
Per Book Expense	\$ 4,801,301	\$ 5,220,121	\$ 5,468,313	\$	3,596,153	

Verification of Response

I have read the foregoing Information Request and answer(s) thereto and find answer(s) to be true, accurate, full and complete and contain no material misrepresentations or omissions to the best of my knowledge and belief; and I will disclose to the Commission Staff any matter subsequently discovered which affects the accuracy or completeness of the answer(s) to this Information Request.

Signed: Wariel Witteners

Date: May 17, 2016

Docket Number 16-KGSG-491-RTS Information Request

Data Request: 16-491 KCC-060: Health Plan

Company Name: Kansas Gas Service, a Division of ONE Gas, Inc.

Request Date: Preliminary Requests Date Information Needed: TBA Requested By: Justin Grady

Page 2of 2

Non Bargaining Unit and IBEW Plans

Claims Paid	2012	2013	2014*	2015	
9260190	\$ 4,876,145	\$ 5,562,286	\$ 5,102,471	\$ 5,276,799	
IBNR Adjustment					
9260192 activity					
2011	\$ (305,179)				
2012		\$ 67,169			
2013		\$ (271,400)			
2014				\$ (200,000)	
					2015 Accrual Adjustment will occur in May 2016 when
2015					claims run-out is final
Per Book Expense	\$ 4,570,966	\$ 5,358,054	\$ 5,102,471	\$ 5,076,799	

stONE Gas did not make an IBNR adjustment in 2014 for 2013 claims because ONEOK retained the claims for 2013.

3. Yes, the company accrues medical expenses as IBNR (Incurred but not recorded). The purpose of this accrual is to properly record claims billed by the vendors after year end close.

Prepared by: Mark W. Smith

Verification of Response

I have read the foregoing Information Request and answer(s) thereto and find answer(s) to be true, accurate, full and complete and contain no material misrepresentations or omissions to the best of my knowledge and belief; and I will disclose to the Commission Staff any matter subsequently discovered which affects the accuracy or completeness of the answer(s) to this Information Request.

Signed: Waril Willews
Date: MAy 17, 2016

Docket Number 16-KGSG-491-RTS Information Request

Data Request: 16-491 KCC-061: Employee Benefit Changes Company Name: Kansas Gas Service, a Division of ONE Gas, Inc.

Request Date: Preliminary Requests Date Information Needed: TBA Requested By: Justin Grady

Page 1 of 2

Please provide the following:

Please describe any changes in benefits offered to; a) Officers, or b) Employees during the past five years or projected for the future.

A: As of February 2, 2014, the Board of Directors adopted new benefit plans with updates related to the transition from ONEOK, Inc. to ONE Gas, Inc. There were no substantial changes to any of the plans.

B: Benefit offerings for 2017 have not yet been determined. There were no changes in employee benefits in 2011, 2013, 2014, and 2015. For 2012 and 2016, the changes are indicated in the chart below:

2012 Benefit Changes					
PPO Medical Benefit	2011 to 2012 Coverage				
Annual Deductible	\$600/person with \$1,800 aggregate maximum				
Annual Maximum Out-of- Pocket	\$2,700/person with 8,100 aggregate maximum				

CDHP Medical Benefit	2011 to 2012 Coverage
Annual Maximum Out-of- Pocket	\$3,500/person with \$8,900 aggregate maximum

Optional Life Insurance	2011 to 2012 Coverage
1	

Employees may purchase additional coverage amounts up to 7 times annual base salary. Maximum coverage is \$1,500,000. Coverage over \$500,000 requires completion of a Statement of Health Form.

Verification of Response

I have read the foregoing Information Request and answer(s) thereto and find answer(s) to be true, accurate, full and complete and contain no material misrepresentations or omissions to the best of my knowledge and belief; and I will disclose to the Commission Staff any matter subsequently discovered which affects the accuracy or completeness of the answer(s) to this Information Request.

Signed:

Date: May 17, 2016

Docket Number 16-KGSG-491-RTS Information Request

Data Request: 16-491 KCC-061: Employee Benefit Changes Company Name: Kansas Gas Service, a Division of ONE Gas, Inc.

Request Date: Preliminary Requests Date Information Needed: TBA Requested By: Justin Grady

Page 2of 2

	2016 Benefit Changes			
PPO Medical Benefit	2015 to 2016 Coverage			
Annual Maximum Out-of- Pocket	\$3,000 with \$9,000 aggregate maximum			
	Out-of-network maximum out of pocket removed, employee is responsible for all costs			
Out-of-network coinsurance	Plan pays 50% after deductible			
CDHP Medical Benefit 2015 to 2016 Coverage				
	2013 to 2010 editings			
Annual Deductible	From \$3,300 to 3,600 aggregate maximum for Family			
Annual Maximum Out-of- Pocket	\$4,500 with \$9,000 aggregate maximum			
	Out-of-network maximum out of pocket removed, employee is responsible for all costs			
Out-of-network coinsurance	Plan pays 50% after deductible			
The state of the s				
Prescription Drug Carrier separate from Current Medical Carrier	2015 to 2016 Coverage			
Pharmacy Benefit Manager (PBM)	100% of participants have access to a network pharmacy			
	75% of participants have access to retail store			

Prepared by: Anna Kern

Verification of Response

I have read the foregoing Information Request and answer(s) thereto and find answer(s) to be true, accurate, full and complete and contain no material misrepresentations or omissions to the best of my knowledge and belief; and I will disclose to the Commission Staff any matter subsequently discovered which affects the accuracy or completeness of the answer(s) to this Information Request.

Signed: Wail Witten

Docket Number 16-KGSG-491-RTS Information Request

Data Request: 16-491 KCC-238: Advertising - Follow up to Staff Data Request No. 51

Company Name: Kansas Gas Service, a Division of ONE Gas, Inc.

Request Date: 7/7/16

Date Information Needed: 7/14/16 Requested By: Andria Jackson

Page 1 of 1

Please provide the following:

Please refer to Attachment A provided in response to Staff Data Request No. 51. Please provide a copy of the advertisement (directory ad, script of radio/televised ads, etc.) for the following:

Vendor	Account	Amount
MetroMedia Inc.	9301100	\$1,645.00
Leavenworth Times	9301100	\$457.00
Arbanas	9301100	\$3,216.00
Russell Kaufmann Comm.	9210320	\$14,502.68
Peterson Publications	9301100	\$1,700.00
MetroMedia Inc.	9301100	\$895.00
Lawrence Journal World	9301100	\$840.00
Russell Kaufmann Comm.	9301100	\$953.00

Please see the attached file "KCC - 238 Attachment A" for the advertisement copy(ies) associated with the following vendors and amounts.

Prepared by: Dawn Ewing

Verification of Response

I have read the foregoing Information Request and answer(s) thereto and find answer(s) to be true, accurate, full and complete and contain no material misrepresentations or omissions to the best of my knowledge and belief; and I will disclose to the Commission Staff any matter subsequently discovered which affects the accuracy or completeness of the answer(s) to this Information Request.

Signed: Wail Withen
Date: July 14, 20/6

KCC 238 Attachment A

Chamber Directory Advertisements:

•	MetroMedia Inc.	9301100	\$1,645.00
•	Leavenworth Times	9301100	\$457.00
•	Peterson Publications	9301100	\$1,700.00
•	MetroMedia Inc.	9301100	\$895.00
•	Lawrence Journal World	9301100	\$840.00



Make the Natural Choice!

Find out why natural gas is a smart fueling option:

Dependable: Regardless of the weather, natural gas is a more reliable energy source.

Efficient: From source to site, natural gas retains 92 percent of its energy, compared to only 32 percent for electricity.

Clean: Natural gas is the cleanest fossil fuel, and choosing natural gas over electricity results in less carbon and sulfur dioxide emissions.

Domestic: Virtually all of the natural gas we use in this country is produced in North America.



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Make the Natural Choice!

From room to room, natural gas is a smart way to hell your home.

In the Kitchen: A natural gas range will cook two meals for about the same cost as cooking one using an elactric range.

In the Bathroom: Save about \$200 a year by replacing an electric water heater with natural gas.

In the Laundry Room: Natural gas dryers handle two loads of laundry for the same cost as drying one in an electric dryer.

Throughout Your Entire Home: Ar frum a natural gas furnace is up to 25 degrees warmer than air from an electric heat pump.



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Wake the Aatum Choice.

From room to room, natural gas is a smart way to fuel your home.

In the Kitchen: A natural gas range will cook two meals for about the same cost as cooking one using an electric range.

In the Bathroom: Save about \$200 a year by replacing an electric water heater with natural gas.

In the Laundry Room: Natural gas drivers handle two loads of faundry for the same cost as drying one in an electric dryer.

Throughout Your Entire Home: Air from a natural gos fumace is up to 25 degrees warmer than air from an electric heat pump.



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Make the Natural Choice!

From room to room, natural gas is a smart way to fuel your home.

In the Kitchen: A natural gas range will cook two meals for about the same cost as cooking one using an electric range.

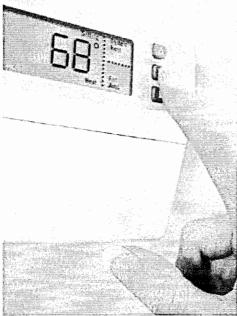
In the Bathroom: Save about \$200 a year by replacing an electric water heater with natural cas.

In the Laundry Room: Natural gas dryers handle two loads of laundry for the same cost as drying one in an electric dryer.

Throughout Your Entire Home: Air from a natural gas furnace is up to 25 degrees warmer than air from an electric hest pump.



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Make the Natural Choice! From room to room, natural gas is a smart way to fuel your home.

In the Kitchen: A natural gas range will cook two meals for about the same cost as cooking one using an electric range.

In the Bathroom: Save about \$200 a year by replacing an electric water heater with natural gas.

In the Laundry Room: Natural gas dryers handle two leads of laundry for the same cost as drying one in an electric dryer.

Throughout Your Entire Home: Air from a natural gas furnace is up to 25 degrees warmer than air from an electric heat pump



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Make the Natural Choice!

From recen to room, natural gas is a smart way to fuel your borne.

In the Kitchen: A natural gas range will cook two meals for about the same cost as cooking one using an electric range.

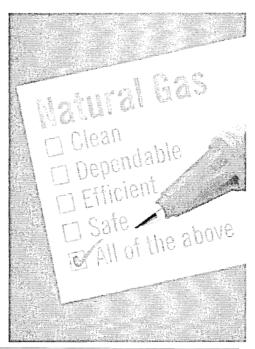
In the Bathroom: Save about \$200 a year by replacing an electric water heater with natural gas.

In the Laundry Room: Natural gas dryers handle two loads of faundry for the same cost as drying one in an electric dryer.

Throughout Your Entire Home: Air from a natural gas furnace is up to 25 degrees warmer than air from an electric heat pump.



www.kansasgassorvice.com





In the Kitchen: A natural gas range will cook two meals for about the same cost as cooking one using an electric range.

In the Bathroom: Save about \$200 a year by replacing an electric water beater with natural eas.

In the Laundry Room: Natural gas dryers handle two loads of laundry for the same cost as drying one in an electric dryer.

Throughout Your Entire Home: Air from a natural gas furnace is up to 25 degrees warmer than air from an electric heat pump.

www.kansasgasservice.com



Make the Natural Choice!

In the Kitchen: A natural gas range will cook two meals for about the same cost as cooking one using an electric range.

In the Bathroom: Save about \$200 a year by replacing an electric water fielder with natural gas.

In the Laundry Room: Natural gas dryers handle two loads of faundry for the same cost as drying one in an electric dryer.

Throughout Your Entire Home: Air from a natural gas furnace is up to 25 degrees warmer than air from an electric heat pump.



www.kansasgasservice.com



Make the Natural Choice!

From room to room, natural gas

In the Kitchen: A natural gas range will cock two meals for about the same cost as cooking one using an electric range.

In the Bathroom: Save about \$200 a year by replacing an electric water heater with natural gas.

In the Laundry Room: Natural gas dryers handle two loads of laundry for the same cost as drying one in an electric dryer.

Throughout Your Entire Home: Air from a natural gas furnace is up to 25 degrees warmer than air from an electric heat pump.



www.kansasgasservice.com



Make the Natural Choles. From room to room, natural gas is a smart way to fuel your home.

cooking one using an electric range.

In the Bathroom: Save about \$200 a year by replacing an electric water heater with natural gas.

In the Laundry Room: Natural gas drivers handle two loads of laundry for the same cost as drying one in an electric dryer.

Throughout Your Entire Home: As from a natural gas furnace is up to 25 degrees



www.kansasgasservice.com



Russell Kaufmann Comm.

9210320

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Gas Matters

Protect Yourself From Carbon Monoxide



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Natural Gas Matters

No Power? No Problem. . With a Natural Gas Generator

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FERTILIZER	GENERAL CONTRACTORS
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Kanza Coco Farm Supply	140 N 781 St Nicks
189 N Vain St Uka 548-2595	Or Call 825-6399
OK Ce Op Grain Co 138 Mars St Klowe 825-4212	frame Professionals 616 N 7m St Kiews 825 4417
FIRE DEPARTMENTS	GIFT SHOPS
Fire (To Report A Fire)	Vitanica & More
Amorta 911 Fire (To Report Africe)	122 N 60: St Knea
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Kowa Emergency Cats 911 Eusewess Calls 626-4886	OFFICES-CITY
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AYRES-CALBECK MORTUARY	City Marager 518 Mars St 825-4128
113 E 4th St Pratt 672-5531	Community Center
Learner Europal Home Inc 204 N No St Kleva 825-4900	19 5 57 \$: 825-4205 Fire-To Record A Fire Dial 911
Lacinon Funeral Home & Monuments	Police Dept 12:0 Max St 825-4124
400 N transir St Turon	Recycle Center 825-4179
FURNITURE	Swynneng Pool 614 N 90: \$1 825-4744
DEALERS-RETAIL	Shacon City Of 117 M Broadway Engran 294-6432
FORSYTH FURNITURE	Turon City Of
103 S Main St Medicine Lodge 856-5065	City Hall 501 E Price Ava Lucin 497-6443
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www.kansasgasservice.com	4 of 14 Color Delice - No. 1 497-6439
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Docket Number 16-KGSG-491-RTS Information Request

Data Request: 16-491 KCC-273

Company Name: Kansas Gas Service, a Division of ONE Gas, Inc.

Request Date: 7/14/16

Date Information Needed: 7/21/16 Requested By: Andria Jackson

Page 1of 1

Please provide the following:

Please provide the monthly amount of workers compensation expense recorded for KGS, with supporting general ledger detail, for the period of January 2012 through June 30, 2016.

Please see attached file, 16-491 KCC 273 Attachment.pdf.

Prepared by: Darcie Kramer

Verification of Response

I have read the foregoing Information Request and answer(s) thereto and find answer(s) to be true, accurate, full and complete and contain no material misrepresentations or omissions to the best of my knowledge and belief; and I will disclose to the Commission Staff any matter subsequently discovered which affects the accuracy or completeness of the answer(s) to this Information Request.

Signed: Weing Willen

Date: July 21, 2016

KANSAS GAS SERVICE Docket No. 16-KGSG-491-RTS Data Request KCC-273

Account 9250120

Account	7230120												
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2012	123,909.02	30,438.93	64,175.25				30,199.47	106,376.40	103,960.16	71,056.66	117,819.73	85,590.20	733,525.82
2013	104,396.98	9,106.16	93,554.40	(2,744.60)	139,653.26	139,962.44		(242,677.65)	45,415.13	24,066.43	67,206.99	13,705.72	391,645.26
2014	112,281.74	124,080.44	438,295.33	121,468.99	125,210.60	38,621.54	101,251.08	236,306.20	246,585.68	41,448.26	188,084.78	50,253.19	1,823,887.83
2015	(13,635.05)	(78,366.19)	(30,752.35)	35,136.38	48,091.50	2,378.96	26,104.54	63,084.35	135,348.40	181,696.10	45,641.77	52,750.68	467,479.09
2016	100,220.09	95,104.69	59,592.40	(26,661.26)	16,787.50	(27,761.79)							217,281.63

Docket Number 16-KGSG-491-RTS Information Request

Data Request: 16-491 KCC-297

Company Name: Kansas Gas Service, a Division of ONE Gas, Inc.

Request Date: 7/18/16

Date Information Needed: 7/25/16

Requested By: Bill Baldry Page 1 of 1

Please provide the following:

Re: Adjustment IS - 24 Employee Medical Reserve

1. Please update the 2016 employee medical reserve for actual through June 2016 and forecast July through December

2016.

Please see attached "KCC-297 Attachment A".

Prepared by: Matthew Bieberly

Verification of Response

I have read the foregoing Information Request and answer(s) thereto and find answer(s) to be true, accurate, full and complete and contain no material misrepresentations or omissions to the best of my knowledge and belief; and I will disclose to the Commission Staff any matter subsequently discovered which affects the accuracy or completeness of the answer(s) to this Information Request.

Date: July 25, 2016

KANSAS GAS SERVICE, A DIVISION OF ONE GAS, INC. Docket No. 16-KGSG-491-RTS Data Request No. KCC 297

Question No. 1 Attachment A

Adjustment IS 24

Pro-Forma Adjustment Expenses Associated with the Employee Medical Reserve

Line No.	Account No.	Description	2018	5 YTD Total	Ju	ine YTD 2016 Accrual	F	orecast July - Dec 2016	Total 2016 Forecast	hange in xpense	Capitalization Ratio 6.30.16	Pr	o Forma
1	9260190	Employee Benefit Reserve	\$	5,256,799	\$	2,647,969	\$	2,568,939	\$ 5,216,908	\$ (39,891)	69.98%	\$	(27,916)
2	9260191	Employee Benefit Reserve Union	\$	3,624,735	\$	1,928,976	\$	1,746,270	\$ 3,675,246	\$ 50,511	69.98%	\$	35,348
3		Gross Margin Gain/(Loss)									-	\$	(7,432)

Note: Capitalization rate used as of June 30, 2016 is 30.02% Note: In October 2015 there was a \$664K adjustment to expense due to HR receiving the final statement for the USW receivable for medical.

Docket Number 16-KGSG-491-RTS Information Request

Data Request: 16-491 KCC-303 Amended

Company Name: Kansas Gas Service, a Division of ONE Gas, Inc.

Request Date: 8/10/2016

Date Information Needed: 8/15/2016

Requested By: Bill Baldry

Page 1of 1

Please provide the following:

Re: Adjustment IS - 33 Employee Benefit Reserve for Corporate Employees - Amended

1. Please update the 2016 employee benefit reserve for corporate employees for actual through June 2016 and forecast July through December 2016.

AMENDED

2. Please amend DR No. 303 to provide by month actual expense amounts for the 12 months ended June 30, 2016. Please provide the response in a workable spreadsheet with all forumulas intact.

Please see attachment "Amended KCC-303 Attachment A".

Prepared by: Matthew Bieberly

Verification of Response

I have read the foregoing Information Request and answer(s) thereto and find answer(s) to be true, accurate, full and complete and contain no material misrepresentations or omissions to the best of my knowledge and belief; and I will disclose to the Commission Staff any matter subsequently discovered which affects the accuracy or completeness of the answer(s) to this Information Request.

Signed: Wail William

Date: August 11, 20/6

KANSAS GAS SERVICE, A DIVISION OF ONE GAS, INC. Docket No. 16-KGSG-491-RTS Data Request No. KCC 303 Amended Question No. 1 Attachment A

Description	July 2015	August 2015	September 2015	October 2015	November 2015	December 2015	January 2016	February 2016	March 2016	April 2016	May 2016	June 2016
9260190 - Medical Reserve	286,355	286,355	286,355	286,355	286,355	286,355	345,210	345,210	345,210	334,820	340,015	340,015
Distrigas Allocation	33.47%	33.47%	33.47%	33.39%	33.39%	33.39%	33.2967%	33.2967%	33.2967%	32.61%	32.61%	32.61%
KGS Allocation	95,843	95,843	95,843	95,614	95,614	95,614	114,944	114,944	114,944	109,185	110,879	110,879

Docket Number 16-KGSG-491-RTS Information Request

Data Request: 16-491 KCC-306

Company Name: Kansas Gas Service, a Division of ONE Gas, Inc.

Request Date: 7/121/16

Date Information Needed: 7/28/2016

Requested By: Chad Unrein

Page 1 of 1

Please provide the following:

Follow-up to Staff Data Request No. 26

Of the \$13,048,926.96 of projects listed in Staff Data Request 26, please provide the projects that were in-service as of June 30, 2016. Please include when the project was placed in-service and the amount of each project.

Please see attachment 16-491 KCC-306 for the requested information. If the project was placed in service prior to 12/31/15, the amount for the project included in the CWIP balance of 12/31/15 represents additional charges to the project. All project costs for projects that were in service by 6/30/16 were included in the updated plant in service balances that were provided in response to KCC DRs 289, 290, and 291.

Prepared by: Lorna Eaton

Verification of Response

I have read the foregoing Information Request and answer(s) thereto and find answer(s) to be true, accurate, full and complete and contain no material misrepresentations or omissions to the best of my knowledge and belief; and I will disclose to the Commission Staff any matter subsequently discovered which affects the accuracy or completeness of the answer(s) to this Information Request.

Signed: <u>Howa Eata</u>

Date: <u>428116</u>

	Attachment A					
March Marc						
Color Colo	051.043.3612.010085	REMOVE HARMAC SUSPENSION BRIDGE	99,459.96 In Service			
Color Colo						
March Marc	051.043.3685.010054	INSTALL FENCE AT PRATT #3 TBS			2/20/2016	
March Marc						
March Marc	051.043.3685.010061	REBUILD PROTECTION TBS (T0087)	27,180.03 Active	Active	Active	191,644.76
Section Sect						
March Marc					Active	150,983.77
Miles Mile						
March Marc						
Methods	051.046.3685.010198	INSTALL REAL-TIME HCA CATHODIC MONITORING - HUTCH AREA	5,962.05 Active	Active	Active	
March Marc			.,			
STATE STAT	051.047.3613.010015	INSTALL A 24'X24' INSULATED METAL BUILDING AT PRATT COMPRESSOR STATION	48,511.49 In Service	In Service	1/13/2016	89,606.68
March Marc						18,334.73
March Marc	051.051.3521.010189		1,270.43 In Service		1/26/2016	28,478.46
Mathematical Math						9,953.92
Math. Math					Active	
1961-1961-1969-1969-1969-1969-1969-1969		MEA- 82ND STREET AND LONE ELM ROAD				
19.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.						
10.000.0000000000000000000000000000000		MEA - COTTONWOOD CANYON 8TH AND 9TH PLAT				
March 1997						
March Marc	051.051.3522.010597	179TH ST & US 69 HIGHWAY-TOPOGRAPHIC AND SURVEY MAPS	6,368.17 Cancelled	Cancelled	Cancelled	
Month Month Miller Mil						
March Marc	051.051.3522.010601		(15,260.37) In Service	In Service	2/26/2016	24,462.05
March Marc						
Content Cont			2,843.40 In Service	In Service	7/31/2015	2,816.28
Miles Mile	051.D51.3522.010616	BLUHAWK MARKETPLACE (159TH AND ANTIOCH) BUILDINGS B AND C				(212.57)
March Marc						
Month Mont	051.051.3531.010108	ROCK CREEK ESTATES #4 SUBDV., MEA, LANS.	6,121.20 Active	Active	Active	22,598.34
MODITION MANAGEMENT MANAG						
19.11.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	051.051.3541.010291	KANZA FIRE PHASE II GO TOPEKA MEA TO SERVE KANZA FIRE IND PK INNOVATION PKWY	720,990.96 Active	Active	Active	735,093.54
10.00.00.00.00.00.00.00.00.00.00.00.00.0						
1.50 1.50	051.051.3631.010179	MEA OXFORD POINTE. HUTCHINSON	28,676.49 In Service	In Service	8/25/2015	
19.00.00.00.00.00.00.00.00.00.00.00.00.00						
1,000,000,000 1,00	051.051.3631.010182	2720 SYLER DR - NEWMAIN	260.76 In Service	In Service	7/15/2015	317.98
19.001.001.0000000000000000000000000000						
	051.051.3642.010164	GAS MAIN EXTENSION / EASEMENT W OF HILLTOP DR & N OF 8TH / BELOIT			11/4/2015	
						3,774.07
	051.051.3651.010331		(65,283.04) Active	Active		
15.001.00.00000000000000000000000000000						
10.001.00.001.0001.0001.0001.0001.0001					4/21/2015	
10.001.00.001.0001.0001.0001.0001.0001	051.051.3651.010346	NDU - MANHATTAN - NELSON RIDGE UNIT 3 - INSTALL 1,395'-2"PE IN NEW SUBDIVISION	14,283.25 In Service	In Service	11/11/2015	14,654.50
0.101.0.15.0.10000 0.001-0.0001710-0.00017						
1.00.00.00.00.00.00.00.00.00.00.00.00.00	051.051.3651.010349	NDU - MANHATTAN - INSTALL 870'-2"PE TO ABBOTT'S LNDG	8,709.56 Active	Active	Active	8,879.90
1.00.1.0.1.0.0.0.0.0.0.0.0.0.0.0.0.0.0.						
MOU-MANIETTRE-STOPPS NET MAN & STRATE CRIEB NOT MOU-MANIETTRE-STAND TO STRATE MAN & STRATE CRIEB NOT MOU-MANIETTRE-STAND TO STRATE MAN DE CRIEBANCE 1385 A drive Active Act		NDU- MANHATTAN ENCLAVE ADDITION UNIT 1				12,564.61
SECTION SECT		NDU - MANHATTAN - BOYD'S PL ACE MEA @ 518 TUTTLE CREEK BLYD				
STATE STAT		NOU - MANHATTAN - KSU MEA FOR EAST BUILDING OF VANIER FOOTBALL COMPLEX - INSTALL 760"-2"PE				
10.00.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	051.051.3653.010148	NDU - CENTRALIA - EXTEND 2" PE MAIN 150' NORTH ON HWY 187 FOR NEW RESIDENCE	2,814.96 Active			
19.01-19.17.011156 19.07-19.17.01156 19.						2,509.55
STATE STAT	051.051.3721.011064	7271 E. 37TH ST. N WICHITA CHILDRENS HOME - NEWMAJN	103.74 Active		Cancelled	
50.05.05.17.10.10.10.10.10.10.10.10.10.10.10.10.10.						
SECTION MAINSTRAL JOSEP OF PT AND LASS OF PT MAND COSTINATION DEVICIONENT TA SITUATION MAINSTRAL JAST OF PT MAND TO SITUATION AND TO SIT	051.051.3721.011092	PROJECT FCT 051, SIERRA HILLS	6,183.38 Active		7/5/2016	6,304.34
S15131721011064 MIRKSTALL 1327 OF 7°F MANIF OR SERVE MINESOREMIL DEVELOPMENT AT 5380 AND HILLSORE 13,173.68 Service 13,173.01						2.70031.3
50.505.317.1011111 SOUTCETCO SIGNIFISATION NAME ACCOUNTEY ACRES, 6TH ACCOUNT NAME ACRES 6.103.47 in Service 1.747.016 1.130.168 1.100.107 in SERVICE 1.747.016 1.130.168 1.100.107 in SERVICE 1.747.016 1.130.168	051.051.3721.011096	MEA: INSTALL 1,325' OF 2" PE MAIN TO SERVE NEW RESIDENTIAL DEVELOPMENT AT 53RD AND HILLSIDE	21,175.49 In Service	In Service	11/6/2015	21,133.92
		PROJECT FCT 051, DISTRIBUTION NEW MIAN, COUNTRY ACRES, 6TH ADDITION				
S. D. S. D. S. D. M. MERCHAT, VALLEY SATE BANK CANNA EXTENSION 2,306.5 2,306.	051.051.3721.011112				12/23/2015	36,111.69
STAIL INVIAMENTUM NEW MARN LIND ON STRUCTION. SPECEN. 13,129 Active 15 Service 71,70016 13,573.77	051.051.3721.011117	SOZ N. MERCHANT, VALLEY STATE BANK - MAIN EXTENSION	(2,137.00) Active	In Service	12/16/2015	2,269.65
		The first of the f				
50.100.2.\$32.0.100.084 NILAND FORT 12 300.0 W 19315 T STRETT METAR STITNG 5.78.3 5.79.3 5.10.2.\$32.0.100.595 5.0.2.\$32.0	051.051.3741.010120	PROJECT FCT 051, 315 S. PECAN, DOUGLASS KS	1,327.39 Active	In Service	7/5/2016	1,537.27
1465 LUNON TREET - INSTALL NEW J. SM METER STETING WITH 7 WO GLUVERY 2,265.07 Nervice Nervice 10,172/015 2,313.45						
STATE STAT	051.052.3522.010561	14651 LINDEN STREET- INSTALL NEW 1.5M METER	340.90 Active	In Service	7/9/2016	(381.43)
SADE						
	051.052.3522.010589	8901B ROSEHILL-LENEXA-CEVA BIOMUNE-11M METER SETTING WITH 5 PSIG DELIVERY	5,884.88 In Service	In Service	1/8/2015	
50.50.3.332.0.10001 50.50.3.332.0.10001 50.50.3.332.0.100001 50.50.3.332.0.100001 50.50.3.332.0.100001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.100001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.10000001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.10000001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.1000001 50.50.3.332.0.100001 50.50.3.332.0.1000001 50.50.3.332.0.100001 50.50.3	051.052.3522.010592	5945 IKEA WAY - HOBBY LOBBY 3M METER SET	1,097.59 In Service			1,101.17
5.1 5.2	051.052.3522.010601	8953 W. 135TH ST INSTALL 1.5M METER SET.	(60.08) In Service	In Service	11/6/2015	1,387.68
SADE	051.052.3522.010608	5M PERMANENT METER SET FOR 10611 NALL AVE - TOPGOLF - OVERLAND PARK KS	117.15 In Service	In Service	12/10/2015	1,600.23
S1102 S122					10/2/2015	
STITUTE STIT	051.052.3522.010624	91ST AND METCALF—GLENWOOD COMMONS STRIP MALL-PHASE I	853.83 In Service	In Service	7/31/2015	1,079.78
S102.3532.010637 S405W 135TH-CORRIN PARK ILC PAD 3—1.5 METER AND HEADER 1,046.20 1,046.20 1,046.20 1,046.20 1,046.31 1,046.20 1,046.20 1,046.20 1,046.20 1,046.20 1,046.31 1,046.20 1,046.20 1,046.31 1,046.31						
1401_54352_010631 1401_54854_11M METRE SETTING 1407_5485 154746 154706 1473_53 1473_53 1473_53 1548_52 154	051.052.3522.010627	6405 W 135TH— CORBIN PARK LLC PAD 3—1.5 METER AND HEADER	1,046.71 In Service	In Service	1/19/2016	1,408.20
S10 S12						
05.10.2.1532.2.010.636 10.183 METCALF-VINCE AND ASSOCIATES SM METER WITH 2 PISO DELIVERY (3.18.18) in Service (3.11.83) in Servic	051.052.3522.010634	5400 MARTWAY - THE PEANUT - 3M METER SETTING	1,102.86 In Service	In Service	3/29/2016	
05.105.23.532.01.0637 2005 W 97TH PLACE—MISTALL TEMP SERVICE FOR TEMP HEAT FOR WINTER CONSTRUCTION 9,773.74 Active						- 1 816 98
051.052.3532.01.0639 1332.0 WG ND TER - PLANET FITNESS- DULA 3M METER HEADER 2,797.38 in Service in Service 12/28/2015 2,361.65 9	051.052.3522.010637	2005 W 47TH PLACE—INSTALL TEMP SERVICE FOR TEMP HEAT FOR WINTER CONSTRUCTION	9,773.74 Active	Active	Active	9,964.90
05.105.23522.010640 16279 ANTIOCH 1.5M METER SETTING FOR NEW FIRE STATION 659.74 in Service 1659.74 in Service 17,722/2015 1,524.96 (05.105.23532.010641 128.90 JOHNSON DRIVE-ZM HOUSE METER FOR VILLAGE COOPERATIVE 701.23 in Service in Service 37,11/2015 3,056.47 (05.105.23533.010024 NDU- HISTALL AZM ROTHARY METER FOR VILLAGE COOPERATIVE 3,065.47 (05.105.23533.010025 12.64.81 in Service in Service 77,11/2015 3,056.47 (05.105.23533.010025 12.64.81 in Service 15,056.47 (05.105.23533.010025 12.64.81 in Service 15,05						
05.1052.2533.010024 NDU-INSTALL A 2M ROTARY METER FOR TRIFECTIA SOLUTION LOCATED AT 1520 WILHELM DR. SABETHA, KS 3,049.53 in Service in Service 7/11/2015 3,056.47 05.1052.3533.010025 12.24581 in Service in Service 8,720,7015 3,484.01 service in Service 8,720,7015 3,484.01 service in Service 1,711/2015 10.51052.3533.010025 (in Service 1,711/2015 10.51052.3533.010027 in Service in Service 1,711/2015 10.51052.3533.010027 (in Stall, 780 Feet To F. 2" PE PIPE FOR A NEW SERVICE AT 427 ARIZONA AVE, HOLTON, KS 1,575.57 in Service in Service 1,711/2015 10.518.66	051.052.3522.010640	16279 ANTIOCH 1.5M METER SETTING FOR NEW FIRE STATION	659.74 In Service	In Service	12/22/2015	1,524.96
05.105.2533.010025 412.2415 ROAD-HIGHLAND K5 1.264.81 in Service in Service 8,709/2015 3,484.01 05.105.2533.010026 MDL-HISTIALL A 3M ROTARY METER FOR LESTER TRENTMAN LOCATED AT 600 S HIGH ST. 1,914.74 in Service in Service 9/16/2015 2,137.02 05.105.25333.010027 INSTAIL, 708 PET OF C 2" PET PIRE FOR A NEW SERVICE AT 42" ARAZONA AVE, HOLTON, K5 1,575.75 in Service in Service 1,175/2016 8,188.66						
051.052.3533.010027 INSTALL 780 FEET OF 2" PE PIPE FOR A NEW SERVICE AT 427 ARIZONA AVE, HOLTON, KS 1,575.57 In Service In Service 1/15/2016 8,188.66	051.052.3533.010025	412 241ST ROAD-HIGHLAND KS	1,264.81 In Service	In Service	8/20/2015	3,484.01
	051.052.3533.010027	INSTALL 780 FEET OF 2" PE PIPE FOR A NEW SERVICE AT 427 ARIZONA AVE, HOLTON, KS				
		INSTALL 5M ROTARY METER FOR NEW WALMART STORE @427 5 ARIZONA AVE HOLTON, KS	1,532.40 In Service			

051.052.3541.010073	6202 SW 6TH AVE-MAINSTREET HEALTH AND WELLNESS SM METER WITH 2 PSG DELIVERY PRESSURE	(200.00) In Service	In Service	4/11/2016 8/14/2015	1,225.60 3,451.55
051.052.3541.010074 051.052.3541.010075	SEAMAN MIDDLE SCHOOL 2" PE SERVICE LINE 5530 NW TOPEKA, KS. 2" PE SRV TO 1801 SW WASHBURN NEW HSE & DINNING HALL	5,989.24 In Service 8,058.49 In Service	In Service In Service	11/15/2015	13,254.45
051.052.3541.010076	1801 SW WASHBURN WU HOUSING & DINING 7M METER WITH 2 PSIG DELIVERY PRESSURE	(200.00) In Service	In Service	4/11/2016	2,902.00
051.052.3621.010044 051.052.3621.010045	RAMADA INN - 3821 10TH ST - M&R STEVE OHNMACHT - 392 N HWY 281 - M&R	492.77 Active 91.83 Active	Active In Service	Active 6/10/2016	502.43 219.00
051.052.3622.010035	170S MAPLE ST - HAMPTON INN - METER SET	5.95 In Service	In Service	9/15/2015	1,567.91
051.052.3631.010049	INSTALL NEW 2M METER FOR BUFFALO WILD WINGS NEW RESIDENTIAL SERVICE - 1102 CHEROKEE RD INMAN,KS,67546	982.18 In Service 4,231.35 Active	In Service Active	5/27/2015 Active	965.52 4,314.09
051.052.3631.010050 051.052.3631.010051	1528 E 17TH AVE PANDA EXPRESS - M&R	1,209.49 In Service	In Service	11/12/2015	1,205.58
051.052.3635.010022	2400 E KANSAS AVE - LOVE'S COUNTRY STORE #608 - NEW M&R SETTING PRAIRIELAND PARTNERS - 1670 MOCCASIN RD - MCPHERSON, KS - NEW YL	1,790.26 In Service 7,856.74 In Service	In Service In Service	4/16/2015 11/13/2015	1,750.18 7.917.13
051.052.3635.010023 051.052.3635.010024	BETHANY COLLEGE - NEW DORM - 202 E NORMAL ST - NEW M&R SETTING	2,421.43 In Service	In Service	8/6/2015	2,390.31
051.052.3635.010026	PRAIRIE LAND PARTNERS - 1670 MOCASSEN RD - M&R	3,718.41 Active 2,854.69 In Service	Active In Service	Active 2/22/2016	3,791.13 4,677.77
051.052.3641.010077 051.052.3651.010075	INSTALL 2-M ROTARY METER AT 1300 CEDAR ST (ABILENE HIGH SCHOOL - GYM) - ABILENE MANHATTAN - INSTALL 2" PE SERVICE TO THE NEW GIBBONS EXHIBIT ⊕ ZOO	771.92 Active	Active	Active	787.04
051.052.3651.010111	NDU-MANHATTAN-NBAF METER SETTING	(20,881.70) Active	Active Active	Active Active	(20,881.70) (29,243.73)
051.052.3651.010112 051.052.3651.010122	NDU-MANHATTAN-NBAF 6" ST SERVICE LINE MANHATTAN - KSU FOUNDATION @ 1800 KIMBALL AYE INSTALL NEW 3M ROTARY METER SET	(29,243.73) Active 2,997.57 Active	Active	Active	3,056.19
051.052.3651.010123	NDU - MANHATTAN - INSTALL 2M ROOTS-2" 1813B AMERICAN REG ON 7"WC FOR NELSON'S HATCHERY	3,432.69 In Service 2,675.38 Active	In Service	10/23/2015	3,011.07 2,727.70
051.052.3652.010053 051.052.3653.010033	NDU- CLAY CENTER NEW METER SET OF 3M OFF TRANSMISSION LINE NDU - MARYSVILLE - INSTALL 2M TO NEW POOL @ 803 WALNUT	1,860.51 In Service	Active In Service	Active 5/9/2014	1,860.51
051.052.3653.010036	NDU - SENECA - INSTALL 3M & 2"C5820 REG WITH 2 PSI DELIVERY AT 212 N 6TH ST (JAIL-WEST SIDE)	786.70 Active (171.64) Cancelled	Active	Active	2,299.66
051.052.3721.010410 051.052.3721.010434	WICHITA MID CONTINENT AIRPORT - NEW TERMINAL BUILDING WAA - 2160 AIRPORT ROAD - BEECH PAINT HANGER	(171.64) Cancelled (7.82) Cancelled	Cancelled Cancelled	Cancelled Cancelled	(0.10)
051.052.3721.010467	4422 N. OLD LAWRENCE RD SOOTER EXCAVATING - NEW COMMERCIAL SERVICE	(220.93) In Service	In Service	7/20/2015	3,550.12
051.052.3721.010471 051.052.3721.010488	SPILLED WINE PHASE 2 - 2000 N GREENWICH - 2" YARDLINE 2525 W DOUGLAS AVE - SRA CONSTRUCTION - NEWSV>2	2,178.51 In Service 664.20 Active	In Service Active	7/27/2015 Active	2,148.70 2,808.42
051.052.3721.010489	BHOP - 4870 S. WASHINGTON - WICHITA, KS - M & R	1,318.39 In Service	In Service	12/14/2015	892.60
051.052.3721.010493 051.052.3721.010494	215 S. MARKET ST CITY OF WICHITA - M&R 2668 N GREENWICH CT WICHITA SPORTS FORUM - NEW M&R	(0.98) In Service 1,038.09 In Service	In Service In Service	12/31/2015 12/4/2015	360.20 1,038.09
051.052.3721.010495	SEWER TRANSMISSION TO HESSTON FOR CITY OF NORTH NEWTON - 1913 N. MAIN - NORTH NEWTON, KS - M & R	(35.00) In Service	In Service	2/9/2016	581.25
051.053.3521.010034 051.053.3521.010044	424 NORTH MAIN-OTTAWA, KSDALE'S BODY SHOP \$30 N. MAIN-BOWLING COLLISION AND CUSTOM SHOP	0.03 Cancelled 412.69 Active	Cancelled Active	Cancelled Active	0.03 420.79
051.053.3521.010061	402 N. MAIN OTTAWA-CARSTAR OTTAWA	850.29 Active	Active	Active	866.91
051.053.3521.010068 051.053.3521.010071	1534 N INDUSTRIAL DRIVE-US PIPE FABRICATION GREELEY PEPL TBS LOCATED AT NE WAUBANSEE RD & 2370 RD- REPLACE ODORIZER	(492.89) Active 6.296.77 In Service	Active In Service	Active 11/3/2015	(492.89) 6,278.39
051.053.3521.010073	602 WALNUT STREET METER REBUILD	899.61 In Service	In Service	1/19/2016	1,603.49
051.053.3522.010102	4TH & BARNETT AVE 1202D BLUE YALLEY PARKWAY-SOLERA SALON	0.08 Cancelled 8,200,00 Cancelled	Cancelled Cancelled	Cancelled Cancelled	0.08
051.053.3522.010289 051.053.3522.D10410	49TH AND CANTERBURY: INSTALL 1,250' OF 2" PE MAIN AND RETIRE 871' OF 5" APBS MAIN IN REAR EASEMENT	3,607.36 Active	Active	Active	3,677.92
051.053.3522.010418	GSRS: PRAIRIE VILLAGE BS MAIN AND SERVICE LINE REPLACEMENT INITIATIVE (PHASE 2 OF 7) 10103/10203 METCALF-VINCE AND ASSOCIATES-2* SERVICE RELOCATE WITH CASCADES	8,204.10 Active (6.926.45) Active	Active Active	Active Active	70,855.77 1.01
D51.053.3522.010426 051.053.3522.010433	SOTH AND PAWNEE- REPLACE MAIN WITH 2* PE	2,074.28 Cancelled	Cancelled	Cancelled	
051.053.3522.010435	815 VERMONT-ALL SAINTS PARISH 10TH AND SANDUSKY GSRS ELKGIBLE NON REIMBURSABLE	2,066.23 In Service 142,778.20 In Service	In Service In Service	7/17/2014 12/30/2015	1,955.86 245,836.44
051.053.3522.010436 051.053.3522.010446	S2SO MISSION ROAD-ST AGNES CHURCH AND SCHOOL	3,085.61 In Service	In Service	8/7/2014	2,542.19
051.053.3522.010448	GSRS ELIGIBLE -34TH AND GIBBS	3,106.48 Active 0.20 Cancelled	Active Cancelled	Active Cancelled	3,167.26 0.20
051.053.3522.010453 051.053.3522.010454	MEA - 8TH AND STATE 6870 JOHNSON DRIVE-MISSION-JOSE' PEPPERS RESTAURANT	508.51 Active	Active	Active	518.47
051.053.3522.010461	11230 W 75TH STREET SHAWANGE ELEMENTARY SCHOOL 2" PE SERVICE LINE	(7,300.00) Active	Active	Active 6/25/2015	(2,296.98) 1,096.84
051.053.3522.010486 051.053.3522.010493	8910 GODDARD—USD #512-APACHE ELEMENTARY PV PHASE 3 GSRS REPLACEMENT PBS W/7740' - 2" PE AND 1095' - 4" PE 75TH PL AND NORWOOD	1,117.59 In Service 91,507.47 Active	In Service Active	Active	233,021.66
051.053.3522.010495	53RD AND HAGEMANN	9,653.41 In Service	In Service	4/1/2015 4/30/2015	9,544.63 191.35
051.053.3522.010496 051.053.3522.010501	5M METER AT 11751 ROE AVE TBS#2206-0200: 67TH & ANTIOCH- REPLACE ENTIRE SETTING	195.75 In Service 130,785.11 In Service	In Service In Service	11/16/2015	137,973.25
051.053.3522.010505	6310 LAMAR-WADDELL AND REED	34.82 In Service	In Service	8/6/2015	2,166.75
051.053.3522.010512 051.053.3522.010517	REBUILD 2M METER FOR 6050 BROADMOOR - THE WELSTONE 3M METER REBUILD - 6803 W 64TH 5T,	300.11 in Service 37.33 in Service	In Service In Service	10/23/2015 8/25/2D15	298.17 1,786.08
D51.053.3522.010523	4250 W 119TH SERVICE LINE RELOCATION (CAMELOT COURT)	(3,659.91) Active	Cancelled	Cancelled	
051.053.3522.010525 051.053.3522.010526	JOHNSON DRIVE AND K-7-TBS# 2206-2200 WOODSONIA, INSTALL SCADA TRANSMITTERS 85TH ST & WOODLAND TER-TBS# 2206-2000 WHISPERING HILLS-INSTALL SCADA TRANSMITTERS	32,387.82 Active 24,680.57 Active	In Service In Service	2/5/2016 3/17/2016	33,020.28 25,162.67
051.053.3522.010527	13TH & OAKLAND: INSTALL 2,320' - 4" PE & 1,370' - 2" PE MAIN. RETIRE 2,122' - 6" CI & 610' - 4" CI	101,300.38 In Service	In Service	12/29/2015	123,274.00
051.053.3522.010533 051.053.3522.010535	83RD TER AND QUIVIRA - RELOCATE 420' - 8IN STEEL - REIMB 8225 MONTICELLO TERRACE-WESTMOOR INDUSTRIESSHAWNEE KS	(31,350.48) In Service 37.33 In Service	In Service In Service	2/12/2016 9/5/2015	218,121.02 1,954.83
051.053.3522.010536	PROJECT FCT 053 DISTRIBUTION REPLACEMENT FOR INADEQUACY, SPECIFIC- 1101 W CAMBRIDGE CIRCLE DR KANSAS	68.29 Active	Active	Active	0.11
051.053.3522.010540	NEW RECTIFIER SOTH AND MATNEY 6800 W 115TH STREET-OVERLAND PARK TRADE/CONVENTION CENTER	27,871.41 In Service 4.169.52 Active	In Service Active	2/4/2016 Active	32,423.19 4,251.06
051.053.3522.010541 051.053.3522.010542	67TH & ANTIOCH- TBS# 2206-0200, INSTALL SCADA TRANSMITTERS	17,590.55 In Service	In Service	2/12/2016	38,125.93
D51.053.3522.010544	MILL & REYNOLDS, KCK- INSTALL 700' - 4" PE & 1,570' - 2" PE MAIN. RETIRE 6" & 4" CI 10TH & ORVILLE, KCK- INSTALL 5,870' - 2" PE MAIN. RETIRE 8", 6" AND 4" CI	59,242.35 Active 110,247.85 In Service	Active In Service	Active 11/5/2015	110,409.33 147,448.85
D51.053.3522.010545 051.053.3522.010547	9300 METCALFSHAMROCK REALTY	(82.72) In Service	In Service	10/14/2015	2,129.68
051.053.3522.010548	5200 AND 5250 KANSAS AVE METER SETTING 207TH & GEORGE-TONGANOXIE NORTH TBS#2105-0004- PURCHASE & INSTALL YZ ODORIZER	37.74 In Service 41.469.97 Active	In Service In Service	10/14/2015 6/1/2016	70.06 58,198.76
051.053.3522.010550 051.053.3522.010551	7856 BARTONOVERLAND PARK-BANK ON IT IT SERVICES-	445.68 In Service	In Service	10/13/2015	54.14
051.053.3522.010551	7856 BARTON—OVERLAND PARX—BANK ON IT IT SERVICES— 7856 BARTON—OVERLAND PARK—BANK ON IT IT SERVICES—	(62.77) In Service (1,786.84) In Service	In Service In Service	10/13/2015 10/13/2015	54.14 54.14
051.053.3522.010551 051.053.3522.010552	RAINBOW AND W 47TH - LOWER 4" APCS	24,928.37 In Service	In Service	12/9/2015	26,920.21
051.053.3522.010555	10TH AND ESPLANADE:KCK:INSTALL LUGS AND WELD REINFORCEMENT SLEEVES OVER EXISTING 20" RPCS F 8500 W. 110TH ST-RECONSTRUCT METER SETTING. INSTALL 2M & 2" FISHER CS820IQ W/ 3/8" ORIFICE AT 2 PSKG	19,909.81 Active 877.01 In Service	Active In Service	Active 11/3/2015	20,299.27 176.32
051.053.3522.010556 051.053.3522.010557	5420 KANSAS AVEKCKDESKGN STUDIOS	1,751.50 Active	Active	Active	1,785.76
051.053.3522.010558	11230 W 75TH STREET SHAWANGE ELEMENTARY SCHOOL SLAND METER SETTING CHANGES FOR FEMA WALL	(549.81) In Service 8,818.22 In Service	In Service In Service	11/18/2015 4/19/2016	1.00 45,333.94
051.053.3522.010559 051.053.3522.010561	NEW RECTIFIER - 51ST AND RICHLAND AVE 9525 LEE BLYD METER REBUILD FOR GENERATOR	(469.76) In Service	In Service	12/8/2015	306.16
051.053.3522.010562	4000 VICTORY DRIVE-RIOS CHURCH 5M METER CHANGE TO 1.5M	1,843.43 In Service	In Service	2/25/2016 Active	25.81 5.585.85
051.053.3522.0105 64 051.053.3522.010565	SOSO KANSAS AVENUE-KANSAS CITY, KANSAS SOSO KANSAS AVENUE APACKAGING DISTRIBUTION SERVICES-KANSAS CITY, KANSAS	5,145.18 Active 2,958.60 In Service	Active In Service	4/27/2016	2,997.20
051.053.3522.010566	6801 W 91ST STREET-OVERLAND PARKPARKWAY PROPERTIES	1,607.53 Active	In Service	4/27/2016 2/25/2016	2,404.83 1,190.74
051.053.3522.010567 051.053.3532.005111	15329 W 95THLENEXA-RICHARDSON MILLING REBUILD SERVICE LINE	754.55 In Service 352.60 In Service	In Service In Service	1/31/2016	352.60
051.053.3541.010073	REBUILD 6TH & WEAR DISTRICT REGULATOR STATION 0190	332,824.27 In Service	In Service	10/20/2012	332,824.27
051.053.3541.010082 051.053.3541.010138	MW HOLMAN, EVELYN WEST OF KANSAS AVE 3RD PARTY DAMAGE ON 10° CS MAIN AT SE CALIFORNIA & TURNPIKE AVE	2,388.81 In Service (4,921.57) Cancelled	In Service Cancelled	6/17/2014 Cancelled	71,814.02
051.053.3541.010161	10TH AND GAGE - PHASE 1 - CI REPLACEMENT	195,829.82 In Service	In Service	11/25/2015 2/9/2016	246,451.58 244,561.58
051.053.3541.010163 051.053.3541.010164	10TH AND GAGE - PHASE 2 - CI REPLACEMENT REPLACE 2367' MOSTLY 4" CLON OZ PRESSURE WITH 2400' - 2" PE ON 45 PSKG VAN BUREN 2ND TO 6TH	40,679.45 In Service 44,565.91 In Service	In Service In Service	2/8/2016	79,842.06
051.053.3541.010166	PROJECT FCT 053 DISTRIBUTION REPLACEMENT FOR INADEQUACY, SPECIFIC - REPL 569" - 2" APCS W/ 2" PE	181.88 Active 2.245.69 In Service	Active In Service	Active 3/1/2016	185.42 75,088.43
051.053.3541.010168 051.053.3541.010171	10TH AND GAGE - PHASE 3 - CI REPLACEMENT RELOCATE 150' OF 3" SERVICE LINE TO 2600 SW 33RD JARDINE MIDDLE SCHOOL DUE CONSTRUCTION CONFLICTS	2,243.69 In Service 3,992.52 In Service	in Service	11/23/2015	1.30
051.053.3541.010172	INSTALL 181' 4" PE & 425' 2" PE RETIRE DRS 0097 DO AN MOP INCREASE FROM 5 PSIG TO 45.	13,704.49 In Service	In Service	1/12/2016	37,633.60 67,867.58
051.053.3541.010173 051.053.3541.010174	REPLACE 6* CI AT 1.7TH AND JEWELL (1.2TH AND WAYNE PHASE 2) EWO 22ND & RANDOLPH PRESSURE PROBLEMS	1,889.29 In Service 2,012.05 In Service	In Service In Service	1/27/2016 12/23/2015	25,323.45
051.053.3621.010043	REPLACE REGULATORS IN DRS #3006-000S & ABANDON DRS #3006-0006 IN LACROSSE, KS	11,451.97 Active	Active	Active	10,153.60
051.053.3621.D10066 051.053.3621.010068	RECTFIER INSTALL AT MILNER EAST AVE & E EIGHTH ST ELLINWOOD - TAKE RESIDENTIAL SERVICES OFF HIGH PRESSURE - NEWMAIN	11,528.81 Active 52,777.83 Active	In Service Active	6/6/2016 Active	32,125.55 53,810.19
051.053.3621.010069	LASTING LIFE MINISTRIES - 4907 10TH ST - M&R	(400.00) Active	In Service	6/10/2016	66.76
051.053.3622.010052 051.053.3622.010054	W ANTHONY AVE & N OAK ST W ANTHONY AVE & N ADAMS ST	56,514.14 Active 53,034,93 Active	in Service Active	9/4/2015 Active	56,043.40 55,741.43
051.053.3622.010058	W CENTRAL AVE & N ORCHARD ST	8,036.10 In Service	in Service	4/28/2015	8,044.19
051.053.3622.010060 051.053.3622.010063	W 1ST AVE AND N OAK ST DR 3034-0003 - S CHERRY ST & FREMONT AVE	44,407.39 In Service 27,898.19 In Service	In Service In Service	10/16/2015 2/3/2016	48,612.90 36,473.47
051.053.3622.010066	ALLEY PARALLELING BETWEEN N THOMPSON & N PINE BETWEEN BLAINE ST & E FIRST ST	17,451.25 In Service	In Service	11/2/2015	13,720.74
051.053.3622.010067 051.053.3622.010068	W THIRD ST & S HIGH ST E FIRST ST AND N THOMPSON ST	11,974.97 In Service 2,806.39 In Service	In Service In Service	10/8/2015 10/21/2015	22,682.29 2,789.14
051.053.3622.010072	ASHLAND HIGH SCHOOL - METER CHANGE OUT - 311 JE HUMPHREYS ST	2,392.64 In Service	In Service	7/10/2015	2,357.37
051.053.3622.010073 051.053.3622.010074	1830 N MAIN 5T, KINGMAN - MAIN EXTENSION 193 NE STATE ROAD 61 - FIRST SOUTHERN BAPTIST CHURCH - INSTALL YARDLINE	70.07 In Service (6,415.02) Active	In Service Active	9/10/2015 Active	288.94 (6,159.65)
051.053.3622.010076	CLEVELAND AND HAMILTON	1,197.52 In Service	In Service	10/29/2015	1,365.57
051.053.3622.010077 051.053.3622.010078	193 NE STATE RD 61 - M&R STUMP RD & HWY 160	(12.62) In Service 4,267.88 In Service	In Service In Service	2/10/2016 12/8/2015	343.39 31,096.89
D51.053.3622.010078	GSRS EL: SHERMAN AND WASHINGTON: REPLACE DRS IN DETERIORATED BUILDING, BS MAIN AND SERVICES	130,694.53 In Service	In Service	10/29/2015	142,160.20
051.053.3631.010127 051.053.3631.010131	CHASE ELEMENTARY SCHOOL - USD 401 - M&R TYSON FOODS SERVICE - 9 N WASHINGTON ST	388.56 In Service (1.492.46) Active	In Service In Service	8/20/2015 12/3/2015	383.56 (1,392.46)
051.053.3631.010131 051.053.3631.010132	STH AND WISCONSIN - REPLOT	7,086.65 In Service	In Service	12/14/2015	28,662.90
051.053.3635.010060	INSTALL ROOTS 3M CTR TO REPLACE EXISTING MTR SET AT 900 N ASH MCPHERSON, KS	4,429,47 In Service 5,090.76 Active	in Service Active	6/5/2014 Active	4,215.76 5.190.36
051,053,3635,010060 051,053,3635,010061 051,053,3635,010073	INSTALL ROOTS 3M CTR TO REPLACE EXISTING MTR SET AT 500 N ASH MCPHERSON, KS INSTALL ROOTS 3M CTA T 800.5 WALNUT MCPHERSON, KS BREPLACEMENT (PART 1.0 F.3): REPLACE 2,675 OF 2° 85 WITH 2° PE TO RETIRE UNPROTECTED BARE STEEL	5,090.76 Active 105,210.51 in Service	Active In Service	Active 10/7/2015	5,190.36 109,069.30
051.053.3635.010061	INSTALL ROOTS 3M CTR TO REPLACE EXISTING MTR SET AT 900 N ASH MCPHERSON, KS INSTALL ROOTS 3M CTR AT 800 S WALNUT MCPHERSON, KS	5,090.76 Active	Active	Active	5,190.36

051.053.3635.010086	MCPHERSON MIDDLE SCHOOL 4 OZ- 700 E ELIZABETH ST - M&R	2,011.84 In Service	In Service	12/21/2015	3,815.67
051.053.3641.005107 051.053.3641.005116	REBUILD SERVICE LINE REBUILD SERVICE LINE	759.12 In Service 878.58 In Service	In Service In Service	1/31/2016 1/31/2016	759.12 878.58
051.053.3641.010075	REPLACE 11/4" SERVICE LINE TO 900 N WASHINGTON ST (RAWHIDE PORTABLE CORRALS) -ABILENE	5,057.07 In Service	In Service	1/19/2016	1,601.06
051.053.3641.010077	REPLACE 2" MAIN AT 800 MIDWAY (BI-CENTENNIAL CENTER) - SALINA	(37.13) In Service 1,680.24 In Service	In Service In Service	9/24/2015 1/15/2016	8,067.35 4,209.06
051.053.3641.010081 051.053.3642.005103	INSTALL 3-M ROTARY METER AT 900 N WASHINGTON ST (RAWHIDE CORRAL) - ABILENE REBUILD SERVICE LINE	1,080.24 In Service (166.50) In Service	In Service	1/31/2016	(166.50)
051.053.3642.005103	REBUILD SERVICE LINE	(249.77) In Service	In Service	1/31/2016	(249.77)
051.053.3643.010009 051.053.3651.005102	GAS MAIN REPLACEMENT / QUEEN RD TBS STATION TIE IN / COURTLAND REBUILD SERVICE LINE	3,418.98 In Service 6.88 In Service	In Service In Service	12/31/2015 1/31/2016	3,418.98 6.88
051.053.3651.010042	NDU - KSU VANIER FOOTBALL OFFICE - REPLACE SERVICE DUE TO CONSTRUCTION CHANGE	5,366.71 Active	Active	Active	5,471.71
051.053.3651.010045	NDU-WAMEGO-INSTALL ADDITIONAL 3" METER SETTING AT WAMEGO PP NDU-WAMEGO-INSTALL 70'- 4" T/F MAIN & 60'- 4" T/F SLFOR NEW UNIT AT WAMEGO PP	21,642.87 Active	Active	Active	22,065.75 32,748.45
051.053.3651.010046 051.053.3651.010050	NDU-WAMEGO-INSTALL 200-2"PE TO INSTALL SERVICE AT 17075 ELM SLOUGH	32,120.19 Active 9,327.75 In Service	Active In Service	Acti ve 10/19/2015	9,272.26
051.053.3651.010051	NDU - MANHATTAN - KSU WEFALD HALL /RPLC ALBOO WITH 11M ROOTS METER @ 5 PSI DUE TO CONSTRUCTION CHANG	3,731.00 Active	Active	Active	3,803.96
051.053.3651.010053	NDU - MANHATTAN - 701 POYNTZ - REPLACE ALBOO WITH 2M ROOTS ON 7"WC FOR INCREASED LOAD OF GENERATOR REBUILD SERVICE LINE	777.02 Active 1.557.70 In Service	Active	Active 1/31/2016	792.20 1,557.70
051.053.3653.005111 051.053.3653.010017	NDU - ONAGA - RELOCATE MAIN TO SERVE REMODELED HOSPITAL	617.93 Active	In Service Active	Active	629.99
051.053.3653.010018	NDU - ONAGA - REPLACE 3M WITH 11M DUE TO LOAD CHANGE FOR ONAGA HOSPITAL REMODEL	5,494.10 Active	Active	Active	5,601.56
051.053.3653.010019	NDU - ONAGA - MOVE SERVICE TO HOSPITAL DUE TO CONSTRUCTION CHANGE NDU - SENECA - REPLACE 11M WITH 16M DUE TO INCREASED LOAD @ KOCH & CO	4,622.94 Active 1.11 Active	Active Active	Active Active	4,713.36 1.11
051.053.3653.010025 051.053.3653.010029	NOU - MARYSVILLE - REBUILD LOOP AT 1605 ELM ST FROM A 5M TO 3M ROTARY DUE TO LOAD CHANGE	3,895.59 In Service	In Service	4/10/2015	3,796.27
051.053.3653.010030	NOU - ONAGA - REPLACE 400"-1 1/4" BS MAIN WITH 2"PE DUE TO EXPOSED PIPE IN CREEK	9,982.56 Active	Active	Active	10,177.80
051.053.3653.010031 051.053.3653.010032	NDU- GAS UNE REPLACEMENT AT THE CITY OF WASHINGTON POWER PLANT NDU - MARYSVILLE - 1118 PONY EXPRESS HWY - REPLACE 3M WITH 5M DUE TO CONSTRUCTION CHANGE	3,089.86 Active 2,160.26 Active	Active	Active Active	3,150.28 2,202.50
051.053.3653.010032	NDU-BARNES RELOCATING STEEL WITH PE DUE TO LEAKAGE ON LINE	3,731.72 Active	Active	Active	3,804.74
051.053.3721.010249	ST. CLAIR & W. MAPLE - REPLACE 263" OF 4" CI	(441.87) In Service	In Service	7/13/2015	8,573.73
051.053.3721.010310 051.053.3721.010312	EWO - SHADYBROOK SENIOR APARTMENTS - 4925 SHADYBROOK 2ND AND ELM - RECT #583 - REWORK A DEEP WELL AND INSTALL NEW ANODES	0.06 Cancelled 21,617.88 Active	Cancelled Active	Cancelled Active	22,029.18
051.053.3721.010355	333 E. ENGLISH - M&R	1,163.60 Active	Active	Active	1,186.34
051.053.3721.010391 051.053.3721.010392	ARKANSAS & W NORTH CT - RETIRE DRS 2801-0113 E. CENTRAL AVE. & N. SAINT FRANCIS AVE.	0.04 Cancelled 1.204.69 Active	Cancelled In Service	Cancelled 5/5/2016	23,482.95
051.053.3721.010392	EWO - N. HYDRAULC ST. & E. 37TH ST. N.	0.35 Cancelled	Cancelled	Cancelled	23,462.93
051.053.3721.010406	WAA - DISTRICT REGULATOR STATION 2801-0263	17,290.39 Active	Active	Active	17,625.85
051.053.3721.010408 051.053.3721.010411	615 N MAIN - USD 357 - BS SL & YL REPLACEMENT NEW RECTIFIER #952 & GROUNDBED - CORPORATE HILL DR & WEBB RD.	3,643.84 Active 29,821.65 In Service	Active In Service	Active 12/15/2015	3,974.78 29,821.65
051.053.3721.010425	PINECREST - PHASE 4 - CI REPLACEMENT #54	148,600.27 In Service	In Service	11/16/2015	149,574.24
051.053.3721.010426	SEDGWICK AND ALLEY 5 OF 2NO- CI W19	13,808.06 In Service 32,546.31 In Service	In Service	1/13/2016	53,370.60
051.053.3721.010428 051.053.3721.010443	7011 E. 13TH ST. N THE CHURCH OF JESUS CHRIST OF LATER DAY SAINTS - REPLSV>2 MT. VERNON & WICHITA	32,540.31 In Service 74.461.72 In Service	In Service In Service	11/10/2015 1/26/2016	32,441.31 136,139.86
051.053.3721.010459	EWO - 209 W 5TH AVE - BELLE PLAINE, KS - 2" BS SL RENEWAL	869.18 In Service	In Service	1/8/2016	872.01
051.053.3721.010466	EWO - MAPLE & WAGON WHEEL	4,793.21 In Service 5,433.61 In Service	In Service In Service	5/3/2016 10/2/2015	4,649.65 4,217.86
051.053.3721.010470 051.053.3721.010480	X-MART - 4200 W KELLOGG - REPLACE MBR SETTING EWO - CLEARWATER MIDDLE SCHOOL - BO1 E. ROSS CLEARWATER, KS - 3* B5 SL RENEWAL	2,368.11 In Service	In Service	2/17/2016	2,317.71
051.053.3721.010482	EWO - 620 E WOOD AVE - PINNACLE HEALTH FACILITIES - INSTALL 2" PE YARDLINE	3,658.32 In Service	In Service	1/8/2016	3,670.25
051.053.3721.010485	DOUGLAS AND BROOKSIDE- CI PROJECT PHASE 5- INSTALL 6,345' OF 2" PE MAIN 3417 S. MERIDIAN: RELOCATE 110' OF 2" PE MAIN FOR GRACE MED- PROJECT DASIS GRADING	93,202.63 Active 56.55 Active	In Service	2/12/2016 Active	185,923.48 (2,493.91)
051.053.3721.010490 051.053.3721.010505	SCHOLFIELD HONDA EST. TO REPLACE 515' OF 12" STEEL MAIN FOR PRIVATE RELOCATION AT DRURY AND ORME	5,115.48 In Service	Active In Service	10/22/2015	5,097.97
051.053.3721.010515	EWO: 1355 S. GREENWOOD- EXTEND 90' OF 2" PE MAIN TO REPLACE BS SERVICE THAT CROSSES TWO LOTS	5,448.26 In Service	In Service	2/25/2016	5,407.35
051.053.3721.010522	520 N. BROADWAY - THE LORD'S DINER - TEMPORARY SERVICE RELOCATION PURCHASE PRECO ODDRIŽER, VALVES, AND REGULATORS FOR 53RD AND ARKANSAS TBS	714.91 In Service 66.945.03 Active	In Service Active	12/4/2015 Active	718.25 68,275.31
051.053.3721.010523 051.053.3721.010531	EWO-CLEAN HARBORS - 2525 N NEW YORK & UNION PACIFIC - 2649 NEW YORK- MAIN EXTENSION	11,265.97 Active	In Service	4/27/2016	6,148.96
051.053.3721.010533	WICHITA HOOPS - 5260 N. TOLER DR M&R	188.15 In Service	In Service	12/28/2015	486.18
051.053.3721.010537 051.053.3741.010022	615 S EMPORIA MAIN REPLACEMENT - REPLOTH DIST AND TYLER: RECT #639 - REWORK A DEEP WELL AND INSTALL NEW ANODES	4,856.92 In Service 21,082,54 Active	In Service Active	12/18/2015 Active	21,035.74 21,082.54
051.053.3741.010024	GSRS EL - MILLER AND 9TH, KIOWA - RECT #636- REPLACE A DEEP WELL WITH A 15-ROD HORIZONTAL BED	11,961.77 Active	Active	Active	11,961.77
051.053.3741.010027	REPLACE DISTRICT REG. #3310-0001 AT 6TH & MAIN IN BURDEN, KS. GSRS DUE TO CI FITTING.	1,729.33 Active	Active	Active	1,763.17
051.053.3741.010045 051.053.3741.010046	LAY 265' - 2" PE MAIN - HICKORY & 15TH - HARPER, KS. LAY 700' - 2" PE - K-14 HWY & W. MAIN - HARPER, KS.	45.85 In Service 50.89 In Service	In Service In Service	5/7/2015 5/6/2015	12,319.91 26.364.58
051.053.3741.010048	EWO - 605 N. A STREET - USD 353 WELLINGTON - REPLACE M&R SETTING.	414.57 Active	Active	Active	422.67
051.053.3741.010052	GSRS REPLACE DEPLETED GROUNDBED FOR RECT #0560	6,950.84 Active	In Service	10/29/2015 Active	15,270.54 5,695.15
051.053.3741.010053 051.053.3741.010058	600 SPRUCE EWO - REPLACE MAIN, 7TH & CHESTNUT, BURDEN, KS.	5,414.32 Active 771.60 Active	Active Active	Active	15,761.77
051.053.3741.010059	EWO - REPLACE MAIN, 600 BLOCK ELM ST, BURDEN, KS.	1,011.67 Active	Active	Active	588.60
051.053.3761.005116	REBUILD SERVICE LINE 706 S 4TH ST - INSTALL 85' OF 2" PE TO CORRECT OOL SVC	419.47 In Service 297.67 Cancelled	In Service Cancelled	1/31/2016 Cancelled	419.47 297.67
051.053.3761.010061 051.053.3781.005115	REBUILD SERVICE LINE	993.09 In Service	In Service	1/31/2016	993.09
051.053.3811.010062	REPLACE 281' OF 2" APBS AND 331' OF 3" BS WITH 255' OF 2" P.E AND 295' OF 4" P.E	107.81 Active	In Service	6/29/2016	25,819.20
051.053.3811.010070 051.053.3831.010032	REPLACE 1 1/4 C.5 WITH 690' OF 2" P.E TIE OVER 4 SERVICES FRONT ST E OF OAK - INSTALL 666' - 2" PE	687.06 In Service 14,891.23 In Service	In Service In Service	2/26/2016 1/28/2016	11,414.21 20,562.02
051.053.3831.010050	REPLACE 3150' OF 3" AND 4" 85 WITH 2" P.E LOCATED ON STEVENS AND DIRR STREETS IN PARSONS,KS	49,656.72 In Service	In Service	12/8/2015	49,656.72
051.053.3831.010051	REPLACE 2' B.S SEVICE AT PARSONS CITY HALL 112 S. 17TH ST. S.L # 669521	820.67 In Service	In Service	3/23/2016	2,261.34
051.053.3831.010053 051.053.3831.010058	REPLACE 2" B.S SERVICE WITH 2" P.E P.L SET AT 200 HEACOCK AVE. PARSONS KS. FRONT W OF OAK - REPLACE 212' - 2" BS WITH 2" PE	759.84 in Service 1.668.83 in Service	In Service In Service	3/15/2016 1/28/2016	2,147.04 8,577.43
051.053.3911.010011	GSRS EL - OLIVE AND STAR, GORDY PARK - RECT #647 - REWORK A DEEP WELL AND INSTALL NEW ANODES	28,259.21 In Service	In Service	11/16/2015	28,170.82
051.054.3521.010206 051.054.3521.010216	33STH AND PLUM CREEK ROAD—RECTIFIER UNIT 0130 2ND AND FLM ST - REPLACE MAIN	14,399.87 Active	Active	Active	14,681.51
051.054.3521.010216 051.054.3521.010219	2ND AND ELM ST - REPLACE MAIN 1ST AND MCCARTY-EDGERTON KSREBURD DRS #2109-002 AFTER SEMITRUCK CRASHED ENTIRE SETTING.	276.28 Active 23,570.94 In Service	Active In Service	Active 4/27/2016	281.68 23,101.24
051.054.3522.011025	5TH 5T: QUINDARO TO CLEVELAND	(339.41) Cancelled	Cancelled	Cancelled	(339.41)
051.054.3522.011145 051.054.3522.011197	27TH AND BROWN-PHASE 2A 49TH AND PARALLEL-ACCUMULATE DAMAGES FOR DIG IN BY BPU(POSSIBLE MISLOCATE)	66.01 Cancelled 1,937.93 Active	Cancelled Active	Cancelled Active	66.01 1,975.85
051.054.3522.011204	2512 ORVILLE-KCK-INSTALL 4" DOGLEG IN EXISTING 4" MDPE MAIN WHERE IT WAS BORED THROUGH A 8" SEWER	102.98 Active	Cancelled	Cancelled	0.03
051.054.3522.011212	71ST STREET AND BEVERLY AVENUE- REPLACE 3" APBS MAIN WITH 2" PE	7,206.86 Active	Active	Active	7,347.80
051.054.3522.011214 051.054.3522.011222	HIT METER- 11904 WEST 77TH STREET 27TH AND STRONG-KANSAS CITY KANSAS	(1,103.67) Active 985.99 Active	Active Active	Active Active	(1,103.67) 1,005.25
051.054.3522.011223	REPLACE 2" APCS 48TH AND BELINDER	3,227.06 Active	In Service	4/1/2015	3,290.18
051.054.3522.011224	67TH AND METCALF REPLACEMENT	1,141.35 In Service 178.55 Active	In Service	7/9/2015	58,290.01
051.054.3522.011226 051.054.3522.011229	900 AND 900B KINDLEBERGER REG STATION REPAIR AT 7TH AND GARNETT, KCK - 3RD PARTY DAMAGE	2,317.78 Active	Active Active	Active Active	182.03 2.363.14
051.054.3522.011230	137TH ST. AND METCALF AVE.	2,822.46 Active	Active	Active	2,877.66
051.054.3522.011231 051.054.3522.011233	TBS 2105-0001 AT K-16 IN TONGANOXIE 36TH AND EATON-KANSAS CITY, KSREPLACE OPERATOR REGULATOR ON DRS #2101-0505	5,592.02 In Service 3,542.66 Active	In Service Active	10/22/2015 Active	5,557.39 3,974.12
051.054.3522.011234	71ST AND EATON	3,135.54 In Service	In Service	2/15/2016	13,224.21
051.054.3531.010095	PROJECT FCT 054 - 12TH AND CENTRAL AVE HORTON, KANSAS 4TH AND KIOWA. MAIN REPLACEMENT	7,046.62 Active	Active	Active	10,019.13
051.054.3531.010096 051.054.3533.010167	REPLACE 1095' OF STEEL MAIN WITH 1030' OF PE PIPE FROM 3RD AVE W GOING EAST TO ALLEY W. OF CENTRAL	2,047.72 In Service 17,992.64 In Service	In Service In Service	1/8/2016 12/22/2015	2,054.40 32,300.87
051.054.3541.010476	PURCHASE MATERIALS FOR 10TH & JEFFERSON REPLACE 6" & 10" BS	195.47 Cancelled	Cancelled	Cancelled	195.47
051.054.3541.010493	GSRS 2" CI REPLACEMENT AT SW 1ST & ROOSEVELT GRANT & TYLER REPLACE CHAMPLIN- FULTON IN DRS 0071 UNTIL IT CAN BE RETIRED LATER THIS YEAR	0.01 Cancelled (2,486.06) Cancelled	Cancelled Cancelled	Cancelled Cancelled	
051.054.3541.010554 051.054.3541.010565	REPLACE 2" PBS WITH 2" PE 245 SE 29TH ST NEAR HARBOR FREIGHT	283.65 Active	In Service	6/10/2016	38,982.45
051.054.3541.010566	4TH AND JEFFERSON REPLACEMENT 399" OF 10" PBS MAIN AND RETIREMENT OF DRS 7	57,866.36 In Service	In Service	11/20/2015	74,789.10
051.054.3541.010567 051.054.3541.010568	KGS MERIDEN FCT 054 - REPLACE RECTIFIER #0227 & GROUNDBED EWO 6TH & LELAND INSTALL 20' OF 6" CS TO REPLACE TEE FOR 6" BS 1906 THAT HAS CORROSION & LEAKING	12,759.53 In Service 18.941.05 In Service	In Service In Service	2/26/2016 12/16/2015	16,674.10 22,419.87
051.054.3621.010246	EMERGENCY AT ALLEY WEST OF STONE ST CROSSING LAKIN ST	20,401.40 In Service	In Service	4/10/2015	19,900.58
051.054.3621.010247	DRS 3001-0035-FR - REGSTA	5,732.68 In Service	In Service	7/8/2015	5,640.45
051.054.3622.010221 051.054.3631.010340	N WASHINGTON AVE & E VINE ST REPLACE 340° OF 2" BS DUE TO LEAK MAIN & STH	3,063.54 In Service 20,827.66 In Service	In Service In Service	2/1/2016 4/29/2015	3,507.27 20,352.91
051.054.3631.010342	EWO - 200 N MAIN ST - HUTCHINSON, KS - LEAKING 2" CS SL RENEWAL	667.93 In Service	In Service	12/29/2015	667.93
051.054.3631.010343	PROJECT FCT 054, 6TH AND TOWN IN HUTCH - REPLBS	1,807.06 Active	Active	Active	1,842.40
051.054.3631.010344 051.054.3635.010161	6TH & TOWN - REPLBS EWO - ALLEY BETWEEN S CHESTNUT ST & S 3RD ST ON W MCPHERSON ST	6,817.55 In Service 11,988.50 In Service	In Service In Service	11/2/2015 2/1/2016	8,037.39 12,066.66
051.054.3635.010163	W. EUCLID & N. MULBERRY - REPLOT	11,953.99 In Service	In Service	2/2/2016	13,003.48
051.054.3635.010164	N. WALNUT & W. SIMPSON ST. ELIMINATE, NON ESSENTIAL, VALVE WITH ACTIVE LEAK. REPLACE CONTROL LINE, RELIEF AND REGULATOR TO DR#3701-0025 (804 W REPUBLIC AVE) - SALINA	2,039.07 Cancelled	Cancelled In Service	Cancelled 3/24/2016	14,292,69
051.054.3641.010333 051.054.3641.010334	REPLACE CONTROL LINE, RELIEF AND REGULATOR TO DRIFT 701-0025 (804 W REPUBLIC, AVE) - SALINA REPLACE GAS MAIN TO DRS 3701-0014 AT 5 5TH ST AND SOUTH ST - SALINA	3,448.25 In Service 1,754.21 In Service	in Service In Service	1/15/2016	14,292.69 19,812.11
051.054.3642.010212	MAIN REPLACEMENT / 3RD ST & ALLEY E OF RUSSELL AVE / LUCAS	24.40 Cancelled	Cancelled	Cancelled	24.40
051.054.3642.010227	CORROSION INVESTIGATION AND REPAIR / BELOIT, KS	19,560.49 In Service	In Service	4/14/2016	20,703.41
051.054.3642.010229 051.054.3643.010044	GAS MAIN INSTALLATION & RETIREMENT / 8TH & CENTRAL / BELOIT MILTONVALE TBS	413.15 In Service 48,314.82 Active	In Service Active	12/31/2015 Active	413.15 50,611.82
051.054.3651.010129	NDU - MANHATTAN - RPLC 159"-2"APBS DUE TO CORROSION @ FAIRCHILD AVE & N 15TH ST (NONREIMBURSABLE)	(122.22) In Service	In Service	3/11/2015	5,572.29
051.054.3651.010130 051.054.3651.010131	NDU - MANHATTAN - RPLC 300°-2"APBS DUE TO CORROSION @ OSAGE & N 5TH ST (NONREIMBURSABLE) NDU - MANHATTAN - RPLC 60°-2"BS WITH 2"PE DUE TO THIRD PARTY DAMAGE BY CITY (REIMBURSABLE)	(252.91) In Service 586.53 Active	In Service Active	3/12/2015 Active	11,647.78
051.054.3651.010131	NOU - REPLACE 2" BS SVC WITH 2"PE DUE TO LEAKAGE @ 105 N 3RD ST, MANHATTAN	321.00 Active	Active	Active	327.30
051.054.3652.010095	PROJECT FCT 054, DISTRIBUTION REPLACEMENT, SPECIFIC	31,059.56 Active	In Service	7/7/2016	87,101.04
051.054.3653.010116 051.054.3653.010117	NDU - BLUE RAPIDS - REPLACE 200' 4"BS ST XING WITH 4"PE DUE TO LEAKAGE NDU - REPAIRED #2 LEAK @ 4TH AND SYCAMORE BRIDGE BY REPLACING 200' - 2"CS WITH 2"PE	16,127.01 Active 6,421.95 Active	Active Active	Active Active	16,442.43 6,547.59
051.054.3653.010118	NDU - WESTMORELAND - REPLACE 31.7"-2" STEEL DUE TO DETERIORATION FOUND WHEN REPLACING SERVICES	11,276.32 Active	Active	Active	11,496.88
051.054.3721.011269 051.054.3721.011513	REPLACE FISHER 2981-EK CONTROL REGS W15TH & N WACO - REPL 1863' OF 6" CI & BS MAIN	594.00 Cancelled	Cancelled	Cancelled 8/31/2015	
	TI IS IN A TI THE CONTROL OF COME OF THE CONTROL OF	141,010.03 in Service	In Service	8/31/2015	141,010.03

051.054.3721.011638 051.054.3721.011694					
031.034.3721.011034	WASSALL AND ROSE MARIE CT - INSTALL 70' OF 2" PE PIPE TO ELIMINATE LEAKAGE, RETIRE 60' OF 2" BS RIDGEWOOD - PHASE 2 CI REPLACEMENT R29	3,013.61 Active 72,727.76 In Service	Active In Service	Active 9/28/2015	3,072.53 72,080.75
051.054.3721.011705	GILBERT & MARKET RPBS MAIN REPLACEMENT (3/5/3)	3,741.49 In Service	In Service	4/30/2015	115,122.46
051.054.3721.011710	GSRS EL: E 11TH ST N & N PENNSYLVANIA AVE - REPLACE CORRODED, OBSOLETE BS MAIN	2,105.22 in Service	In Service	5/7/2015	88,035.24
051.054.3721.011723	EWO- WACO & LINCOLN REPAIR A DATED CLASS 2 LEAK	7,196.32 In Service	in Service	2/1/2016	7,243.24
051.054.3721.011728	EWO - 800 BLOCK OF N. MATHEWSON & E MURDOCK	5,378.34 Active	Active	Active	5,483.52
051.054.3721.011737 051.054.3721.011740	EWO - DOUGLAS & ELISON 2015 P&M BLANKET REPLACING EAGLE PRESSURE CHART	(1,508.93) Active 2,303.82 in Service	in Service In Service	12/23/2014 1/5/2016	(57.19) 2,382.74
051.054.3721.011741	2015 P&M BLANKET REPLACING SCADA EQUIPMENT	21,079.71 In Service	In Service	1/1/2016	17,593.97
051.054.3721.011744	2015 P&M BLANKET PRESSURE & TEMPERATURE CORRECTORS	44,024.11 In Service	In Service	12/31/2015	44,024.11
051.054.3721.011745	2015 P&M BLANKET EFM DEVICES	3,166.01 In Service	In Service	1/3/2016	3,176.29
051.054.3721.011746	2015 P&M BLANKET INDEXES	28,089.29 In Service	In Service	1/4/2016	29,202.88
051.054.3721.011754	PARKWOOD - PHASE 3 CI REPLACEMENT #36	137.55 In Service	In Service In Service	6/14/2015 3/28/2016	101,332.87 8.817.83
051.054.3721.011758 051.054.3721.011766	EWO - 6042 E. 13TH ST., WICHITA EWO - E. 1ST ST. N. & N. CLEVELAND AVE.	8,739.17 In Service 86.68 Active	In Service	3/28/2016 4/15/2015	8,817.83 210.85
051.054.3721.011771	EWO - E. KINKAID ST. & S. MOSLEY ST.	3.897.29 Active	Active	Active	3,973.55
051.054.3721.011775	EWO - 14TH & WABASH	6,057.60 In Service	In Service	1/19/2016	6,511.81
051.054.3721.011776	EWO - 2149 S. BEDFORD	1,971.37 In Service	In Service	12/17/2015	1,771.23
051.054.3721.011787	1818 S.GLENN- REPLACE 12' OF 2" APBS WITH 2" PE TO CLEAR LEAK ON MAIN.	177.18 Active	In Service	6/23/2015	176.19
051.054.3721.011788 051.054.3721.011789	EWO: CLIFTON AND SKINNER- INSTALL 475' OF 2" PE MAIN TO CLEAR CLASS 1 LEAK EWO- EDGEMORE & LINCOLN	94.57 In Service 2,889.86 Active	In Service Active	6/30/2015 Active	13,793.73 2,946.38
051.054.3721.011749	EWO- TAFT & FLORENCE	1.619.98 In Service	in Service	1/8/2016	1,491.61
051.054.3721.011794	EWO - E MOUNT VERNON RD & S OLD MANOR RD	11,659.28 In Service	In Service	10/26/2015	13,300.34
051.054.3721.011800	EWO - 2772 IVA WICHITA, KS - CLEAR CLASS 3 LEAK	1,341.73 Active	Active	Active	16,242.92
051.054.3721.011802	EWO - BUTLER & CLAY - THIRD PARTY DAMAGE	479.69 In Service	In Service	1/8/2016	481.25
051.054.3721.011803	11TH & ESTELLE - CAST IRON PROJECT # 46	79,352.84 In Service 31,747.59 In Service	In Service	11/9/2015 2/25/2016	87,056.97 31,445.27
051.054.3721.011804 051.054.3721.011806	EWO - SYCAMORE & LACLEDE EWO - E. IDLEWILD & S. WASHINGTON	31,747.39 in Service 524.60 In Service	In Service In Service	2/10/2016	528.02
051.054.3721.011807	EWO - BLAIR & CENTRAL, MULVANE	16,396.01 In Service	In Service	2/1/2016	16,502.91
051.054.3721.011811	EWO - REPL 2" BARE STEEL MAIN - 17TH ST NORTH & OHIO ST	3,235.33 In Service	In Service	1/22/2016	2,578.74
051.054.3721.011812	EWO - WICHITA & MIDLAND STREETS - REPLACE BARE STEEL GAS PIPE	7,953.55 Active	Active	Active	8,109.13
051.054.3721.011813	EWO: 2525 N. POPLAR EWO: CLASS 1 LEAK ON CUSTOMER OWNED PIPE - CESSNA. AIRCRAFT AT HOOVER & HWY K-42	2,896.13 In Service	In Service Active	1/8/2016 Active	2,905.57 2.666.46
051.054.3721.011815 051.054.3721.011815	EWO: CLASS I LEAK ON COSTOMER OWNED PIPE - CESSMA AIRCRAFT AT HOOVER & HWY K-42 EWO: CLASS I LEAK ON CUSTOMER OWNED PIPE - CESSMA AIRCRAFT AT HOOVER & HWY K-42	53,075.05 Active (50,540.53) Active	Active	Active	2,666.46
051.054.3721.011817	EWO: SUNRISE AND SENECA - REPLACE 114" OF 2" APCS WITH 2" PE DUE TO LEAKING COUPLINGS	5,581.03 In Service	In Service	3/28/2016	6,886.57
051.054.3721.011819	E 1ST N & N. KANSAS- CI REPLACEMENT	4,852.89 In Service	In Service	11/24/2015	7,791.05
051.054.3721.011820	EWO - 129 W FAGER - HAYSVILLE, KS	8,495.60 in Service	In Service	11/25/2015	9,391.79
051.054.3721.011823	EWO - PERFEKTA INC - 480 E 21ST N - THIRD PARTY DAMAGE	1,448.93 Active	In Service In Service	5/11/2016	31.57 6,776.42
051.054.3721.011824 051.054.3721.011825	EWO - 5009 LARRY LN EWO: E. WATERMAN & LAURA ALLEY WEST - LEAKAGE	6,776.42 In Service 41,191.44 In Service	in Service	12/7/2015 4/29/2016	163,041.21
051.054.3721.011825	EWO - 500 BLOCK OF W. BROADWAY - BS MAIN REPLACEMENT.	5.260.15 Active	In Service	5/11/2016	5,345.90
051.054.3721.011827	EWO-1401 & GREENWICH WICHIA, KS	10,496.48 Active	Active	Active	17,945.59
051.054.3741.010279	RELOCATE 20' - 4" THIN FILM WITH 20' - 4" THIN FILM - 100 E 14TH - HARPER, KS.	747.79 Cancelled	Cancelled	Cancelled	747.79
051.054.3741.010283	GSRS RETIRE10" RPBS PIPE - SUMMIT & MADISON STREETS INSTALL NEW MAIN	10,614.03 Active	Active	Active	10,614.03
051.054.3741.010290	REPLACE 1 1/4" PE S/L WITH 2" PE S/L AT 101 S C - WELLINGTON, KS.	9,565.25 Active 3,228.74 Active	Active	Active	9,752.33 3,291.92
051.054.3741.010295 051.054.3741.010296	14TH & ROBINSON - KIOWA, KS. (GSRS) MTR & REG - 420 S 5TH - ARK. CITY, KS	810.88 Active	Active Active	Active Active	826.72
051.054.3741.010296	REPLACE 3M ROTARY - 216 W 5TH AVE - ARK. CITY, KS.	128.36 Active	Active	Active	130.88
051.054.3741.010301	EWO 101 GOFF RD KAN-PAK - M&R	1,841.24 Active	Active	Active	1,877.24
051.054.3741.010303	REPLACE MAIN - N F & W HARVEY - WELLINGTON, KS. 5-5-3	20,852.25 Active	Active	Active	21,260.13
051.054.3741.010304	EWO DUE TO LEAKAGE AT SCHOOL SERVICE LINE	13,129.86 Active	Active	Active	13,386.66
051.054.3741.010305	EWO MAIN REPLACEMENT LEAKAGE EWO - W LINDEN AVE FROM N 4TH ST TO N 7TH ST	22,245.87 Active 52,991.48 Active	Active	Active Active	22,680.99 57,921.12
051.054.3741.010307 051.054.3741.010313	EWO E. LINDEN AVE. AND N. CST REPLBS	23,525.64 Active	Active Active	Active	32,653.82
051.054.3741.010314	GSRS:210 WEST WASHINGTON MAIN LEAK IN MIDDLE OF BRICK STREET. REPLACE 369FT OF 3IN BS WITH 4IN MOPE.	5,194.34 Active	Active	Active	39,303.02
051.054.3741.010315	EWO 114 5. CANNA GRENOLA DUE TO LEAKS ON PIPE	5,230.79 Active	Active	Active	7,330.91
051.054.3741.010317	GSRS RETIRE10" RPBS PIPE - SUMMIT & MADISON STREETS INSTALL NEW MAIN	25,997.54 Active	Active	Active	62,866.04
051.054.3741.010318	MAIN & E. BOIS D ARC ST. REPLACE LEAKING BS AND CS WITH MUTIPLE DRESSERS	9,166.77 Active	Active	Active	13,659.02
051.054.3741.010319	IXL SOUTH PHASE I STEEL MAIN REPLACEMENT - REPLBS IXL SOUTH PHASE II STEEL MAIN REPLACEMENT - REPLBS	3,783.07 Active 3,383.22 Active	Active Active	Active Active	59,578.41 35,868.28
051.054.3741.010320 051.054.3741.010321	IXL SOUTH PHASE III STEEL MAIN REPLACEMENT - REPLBS	3,686.01 Active	Active	Active	29,132.06
051.054.3741.010322	DL SOUTH PHASE IN STEEL MAIN REPLACEMENT - REPLBS	2,609.16 Active	Active	Active	48,917.23
051.054.3741.010325	DLL SOUTH PHASE V STEEL MAIN REPLACEMENT - REPLBS - GSRS	2,323.79 Active	Active	Active	33,879.18
051.054.3741.010326	DIL SOUTH PHASE VI STEEL MAIN REPLACEMENT - REPLBS	2,002.01 Active	Active	Active	34,224.94
051.054.3741.010327	DLL SOUTH PHASE VII STEEL MAIN REPLACEMENT - REPLBS - GSRS	1,574.36 Active	Active	Active Active	32,738.01
051.054.3741.010328	EWO - REPLACE MAIN, SOS ELM, DOUGLASS, KS.	3,386.39 Active	Active	Active	4,621.80
			Active	Active	
051.054.3761.010215	LOWERING 50" OF 2" P.E MAIN THAT WAS DAMAGED BY PITTSBURG STREET CREW, 17TH AND GRAND, PITTSBURG,KS REPLACE 450" OF 2" B.S WITH 450" OF 2" P.E	(25.80) Active 84.41 Active	Active In Service	Active 6/23/2016	(25.80) 8,500.70
	REPLACE 450' OF 2" B.S WITH 450' OF 2" P.E	(25.80) Active	Active In Service Active	Active 6/23/2016 Active	
051.054.3761.010215 051.054.3761.010227 051.054.3761.010228 051.054.3811.010117	REPLACE 450' OF 2" B.5 WITH 450' OF 2" P.E REPLACE 880' OF 2" B.5 WITH 2" P.E WOOD AND CHICAGO	(25.80) Active 84.41 Active 160.34 Active 0.80 Cancelled	In Service Active Cancelled	6/23/2016 Active Cancelled	8,500.70 163.46 0.80
051.054.3761.010215 051.054.3761.010227 051.054.3761.010228 051.054.3811.010117 051.054.3811.010154	REPLACE 450' OF 2" B.S WITH 450' OF 2" P.E REPLACE BB0' OF 2" B.S WITH 2" P.E WOOD AND CHACAGO VARCK W OF MILITARY - REPLACE 310' OF LEAKING ISOLATED 2" APBS	(25.80) Active 84.41 Active 160.34 Active 0.80 Cancelled 3,699.07 In Service	In Service Active Cancelled In Service	6/23/2016 Active Cancelled 12/18/2015	8,500.70 163.46 0.80 3,977.62
051.054.3761.010215 051.054.3761.010227 051.054.3761.010228 051.054.3811.010117 051.054.3811.010154 051.054.3831.010188	REPLACE 450' OF 2" B.S WITH 450' OF 2" P.E. REPLACE 880' OF 2" B.S WITH 2" P.E. WOOD AND CHICAGO VARCK WOF MILITARY - REPLACE 310' OF LEAKING ISOLATED 2" APBS E-146 AND US 99 HIGHWAY 1.166 AND US 99 HIGHWAY 1.166 AND US 99 HIGHWAY	(25.80) Active 84.41 Active 160.34 Active 0.80 Cancelled 3,699.07 in Service 26.01 Active	In Service Active Cancelled In Service Active	6/23/2016 Active Cancelled 12/18/2015 Active	8,500.70 163.46 0.80 3,977.62 29.85
051.054.3761.010215 051.054.3761.010227 051.054.3761.010228 051.054.3811.010117 051.054.3811.010154 051.054.3831.010218	REPLACE 450" OF 2" B. SWITH 1-9" OF 2" P. E. REPLACE 880" OF 2" B. SWITH 2" P. E. WOOD AND CHICAGO VARCE WO FMILITARY - REPLACE 310" OF LEAKING ISOLATED 2" APBS 1-146 AND US 59 HIGHWAY COUNTY RO JOTTY NOF ZINC REFL 1128-4" BS WITH 4" PE, BLUE MOUND, KS	(25.80) Active 84.41 Active 160.34 Active 0.80 Carcelled 3.699.07 in Service 26.01 Active 22.423.35 in Service	In Service Active Cancelled In Service Active In Service	6/23/2016 Active Cancelled 12/18/2015 Active 12/9/2015	8,500.70 163.46 0.80 3,977.62 29.85 23,432.17
051.054.3761.010215 051.054.3761.010227 051.054.3761.010228 051.054.3811.010117 051.054.3811.010154 051.054.3831.010188	REPALCE 450° OF 2° B.S WITH 450° OF 2° P.E. REPALCE 850° OF 2° B.S WITH 2° P.E. WOOD AND CHICAGO VARCK W DO FMILTIARY - REPALCE 310° OF LEAKING ISOLATED 2° APBS L-166 AND US 59 HG/HWAY COMNTY RO 1077 NO IZ INC REPL 1218-4° ES WITH 4° P.E. BLUE MOUND, KS GABREL W OF LINCOLN - ABANDON 434° - 4° BS.5° - 2° BS. 124° - 13 1/4° BS - INSTALL 378° - 2° P.E. GABREL W OF LINCOLN - ABANDON 434° - 4° BS.5° - 2° BS. 5 124° - 13 1/4° BS - INSTALL 378° - 2° P.E.	(25.80) Active 84.41 Active 160.34 Active 0.80 Cancelled 3,699.07 in Service 26.01 Active	In Service Active Cancelled In Service Active	6/23/2016 Active Cancelled 12/18/2015 Active	8,500.70 163.46 0.80 3,977.62 29.85
051.054.3761.010215 051.054.3761.010227 051.054.3761.010228 051.054.3811.010117 051.054.3811.010154 051.054.3831.010218 051.054.3831.010215 051.054.3831.01023	REPLACE 450" OF 2" B. SWITH 1-9" OF 2" P. E. REPLACE 880" OF 2" B. SWITH 2" P. E. WOOD AND CHICAGO VARCE WO FMILITARY - REPLACE 310" OF LEAKING ISOLATED 2" APBS 1-146 AND US 59 HIGHWAY COUNTY RO JOTTY NOF ZINC REFL 1128-4" BS WITH 4" PE, BLUE MOUND, KS	(25.80) Active 84.41 Active 160.34 Active 0.80 Cancelled 3,699.07 in Service 26.01 Active 22,423.35 in Service (43.23) in Service	In Service Active Cancelled In Service Active In Service In Service	6/23/2016 Active Cancelled 12/18/2015 Active 12/9/2015 6/10/2015	8,500.70 163.46 0.80 3,977.62 29.85 23,432.17 13,662.96
051.054.3761.010215 051.054.3761.0102278 051.054.3761.010228 051.054.3811.010117 051.054.3811.010154 051.054.3831.010188 051.054.3831.010223 051.054.3831.010223	REPALCE 450" OF 2" B. SWITH 1-9" OF 2" P.E. REPALCE 880" OF 2" B. SWITH 2" P.E. WOOD AND CHICAGO AND CHICAGO AND CHICAGO L'AGE AND US 59 HIGHWAY COUNTY BO 1577 NO FZINC REPL 1128-4" BS WITH 4" PE, BLUE MOUND, KS GABRIEL WO OF UNCOUN. ABANDON 434" - "8 56,55" - 2" BS 6, 134" - 1,14" BS - INSTALL 378" - 2" PE 210TH WO OF OTHAW AD N. REPLACE 243" OF A" BMS STELL WITH 2" PE EXTEND IH-2": P.E. MANIF ON 550" TO ELIMINATE [2] DEAD END BS. MANIH 8: B.S. AND 8: B.S. GSSE-EL-KANSEAD EPRATINATIO F TO EMPASSPORTATION C-2012 KLINE. CLEW-HOWOTH BOAD	(25.80) Active 84.41 Active 180.34 Active 0.80 Cancelled 3,699.07 in Service 26.01 Active 22.423.35 in Service (43.23) in Service 30.003.33 in Service 20.558.28 in Service 2,898.54 in Service	In Service Active Cancelled In Service Active In Service	6/23/2016 Active Carcelled 12/18/2015 Active 12/9/2015 6/10/2015 12/31/2015 2/19/2016 9/6/2012	8,500.70 163.46 0.80 3,977.62 29.85 23,432.17 13,662.96 32,692.19 20,824.69 1,546,628.57
051.054.3761.010215 051.054.3761.010227 051.054.3761.010228 051.054.3811.01017 051.054.3811.010154 051.054.3831.010188 051.054.3831.010215 051.054.3831.010223 051.054.3831.010223 051.055.3522.010270 051.055.3522.010377	REPALCE 450" OF 2" B. SWITH 2" OF 2" P.E. REPALCE 850" OF 2" B. SWITH 2" P.E. WOOD AND CHICAGO AND CHICAGO L'AGA AND US 59 HIGHWAY COUNTY RO 1077 N OF ZINC REP 1.128 - 4" BS WITH 4" PP. BLUE MOUND, KS GABREL WO OF UNCOUN - ABANDON 4.3" - 4" BS.65" - 2" BS. & 1.24" - 1.1/4" 85 - INSTALL 378" - 2" PE 210TH WO OF OTTAWA RO. REPALCE 1.24" OF 4" BARE STEEL WITH 2" PE. EXTEMD 1.P. 2" S. MAIN FOR 550" OT ELIMINATE 2 [DAZE PHO B. SAMD 8: B.S GSR-EL-KANISAS DEPARTMENT OF TRANSPORTATION - 2012 RUIN- LEXTEMON 1.P. SAMD 1.8" BS. AND 8: B.S GSR-EL-KANISAS DEPARTMENT OF TRANSPORTATION - 2012 RUIN- LEXTEMON 1.P. SAMD 3.1028 AT 1.7TH AND ORVILLE.	(25.80) Active 84.41 Active 160.34 Active 0.80 Cancelled 3.699.07 in Service 26.01 Active 22,423.35 in Service (43.23) in Service 30,003.53 in Service 2,898.34 in Service (714.45) Cancelled	In Service Active Cancelled In Service Active In Service Cancelled	6/23/2016 Active Cancelled 12/18/2015 Active 12/9/2015 6/10/2015 12/31/2015 2/19/2016 9/6/2012 Cancelled	8,500.70 163.46 0.80 3,977.62 29.85 23,432.17 13,662.96 32,592.19 20,824.69 1,546,628.57 (714.45)
05.104.3761.010215 05.105.3761.010227 05.105.3761.010228 05.1054.381.101017 05.1054.381.101015 05.1054.381.101015 05.1054.381.101215 05.1054.381.101223 05.1054.381.101224 05.1054.381.101223 05.1054.381.101223 05.1054.381.101223 05.1054.381.101223 05.1054.381.101223 05.1055.3522.01070	REPALCE 450" OF 2" B. SWITH 1-9" OF 2" P.E. REPALCE 880" OF 2" B. SWITH 2" P.E. WOOD AND CHICAGO AND CHICAGO AND CHICAGO L'AGE AND US 59 HIGHWAY COUNTY BO 1577 NO FZINC REFE 1128-4" BS WITH 4" PE, BLUE MOUND, KS GABRIEL WO OF UNCOUN - ABANDON 434" - " 8" 56,55" - 2" 85.6 113" - 11/4" BS - INSTALL 378" - 2" PE 210TH WO OF OTTAWA DO. REPALCE 2125" OF 4" BMS TELL WITH 2" PE EXTERD IH 2" 2. PE AMAIR TOR 550" TO ELIMINATE [2] DEAD END BS. MAIN 1: BS AND 18: BS GSSE-EL KANSAS DEPARTMENT OF TRANSPORTATION - 2012 KLINE. CLEW-HOWORTH BOAD WORK FOR 2013 C.L. MAIN REPALCEMENT AND ALSO NEEDED FOR RETIREMENT OF DRSS 1028 AT 37TH AND ORVILLE. GSSES EL: MAIL 22" OF 2" T.E. FOR THASE POCATION CAD MODE (POSS) 502 AT 37TH AND ORVILLE. GSSES EL: MOTAL 122" OF 2" T.E. FOR THASE POCATION CAD MOD CHE CAMBRIE (FOSS) 504 AT 37TH AND ORVILLE. GSSES EL: MOTAL 122" OF 2" T.E. FOR THEE POCAGE CAD MOD CHE CAMBRIE (FOSS) 504 AT 37TH AND OTH TER	(25.80) Active 84.41 Active 180.34 Active 180.34 Active 0.80 Cancelled 3,699.07 In Service 26.01 Active 22.423.35 In Service (43.23) in Service 30.003.35 in Service 20.558.28 in Service 2,898.34 in Service (734.45) Cancelled 10,040.69 in Service	In Service Active Cancelled In Service Active In Service	6/23/2016 Active Carcelled 12/31/2015 Active 12/9/2015 6/10/2015 12/31/2015 2/19/2016 3/6/2012 Cancelled 10/26/2015	8,500.70 163.46 0.80 3,977.62 29.85 23.432.17 13.662.96 32.692.19 20.824.69 1,546,628.57 (714.45) 9,975.77
051.054.3761.010215 051.054.3761.010228 051.054.3761.010228 051.054.3811.001017 051.054.3811.001054 051.054.3831.001058 051.054.3831.010215 051.054.3831.010223 051.054.3831.010224 051.054.3831.010224 051.054.3831.010224 051.055.3522.01057 051.055.3522.01057 051.055.3522.01057	REPALCE 450" OF 2" BS WITH 2" OF 2" P.E. REPALCE 850" OF 2" BS WITH 2" S' P.E. WOOD AND CHICAGO VARCE WO FMILITARY - REPLACE 310" OF LEAKING ISOLATED 2" APBS L'AGA AND US 59 HIGHWAY COUNTY BO 1577 NOF ZINC REPL 1128-4" BS WITH 4" PR. BLUE MOUND, KS GABRIEL W OF LINCOLN - ABANDONA 3" - 4" BS.5" - 2" BS. 1 12" - 1 1/4" BS - INSTALL 378" - 2" PE 210TH W OF OTTAWA RD - REPLACE 124S OF 4" BARE STEEL WITH 2" PE EXTEMD 1-P. 2" B MAIN F OR 50" TO ELIMINATE 21 DEAD END BS MAIN 4" BS. AND 8" BS GSIS-LE-LAMINSO DEPARTMENT OF TRANSPORTATION - 2012 RUINE - LEAVENWORTH ROAD WORK FOR 310.2 L MAIN IN PERALCE LEAKIN AND ALSO REDEED FOR RETIREMENT OF DRS 3108 AT 17TH AND ORVILLE. GSIS-LE-INSTALL 22" OF 2" T.F. FOR THAKE DOGLEGS AND ONE CHAMMEL CROSSING AT 70TH 5T. AND 70TH TER GSIS-LE-LINSTALL 22" OF 2" T.F. FOR THAKE DOGLEGS AND ONE CHAMMEL CROSSING AT 70TH 5T. AND 70TH TER GSIS-LE-LINSTALL 22" OF 2" T.F. FOR THAKE DOGLEGS AND ONE CHAMMEL CROSSING AT 70TH 5T. AND 70TH TER	(25.80) Active 84.41 Active 160.34 Active 0.80 Cancelled 3.699.07 in Service 26.01 Active 22,423.35 in Service (43,23) in Service 30,033.31 in Service 2,558.28 in Service (714.45) Cancelled 10,040.69 in Service 66.150 in Service	In Service Active Cancelled In Service Active In Service Cancelled	6/23/2016 Active Cancelled 12/18/2015 Active 12/9/2015 6/10/2015 12/31/2015 2/19/2016 9/6/2012 Cancelled	8,500.70 163.46 0.80 3,977.62 29.85 23,432.17 13,662.96 32,692.19 20,824.69 1,546,528.57 (714.45) 9,975.77 31,331.59
05.104.3761.010215 05.105.3761.010227 05.105.3761.010228 05.1054.381.101017 05.1054.381.101015 05.1054.381.101015 05.1054.381.101215 05.1054.381.101223 05.1054.381.101224 05.1054.381.101223 05.1054.381.101223 05.1054.381.101223 05.1054.381.101223 05.1054.381.101223 05.1055.3522.01070	REPALCE 450" OF 2" B. SWITH 1-9" OF 2" P.E. REPALCE 880" OF 2" B. SWITH 2" P.E. WOOD AND CHICAGO AND CHICAGO AND CHICAGO L'AGE AND US 59 HIGHWAY COUNTY BO 1577 NO FZINC REFE 1128-4" BS WITH 4" PE, BLUE MOUND, KS GABRIEL WO OF UNCOUN - ABANDON 434" - " 8" 56,55" - 2" 85.6 113" - 11/4" BS - INSTALL 378" - 2" PE 210TH WO OF OTTAWA DO. REPALCE 2125" OF 4" BMS TELL WITH 2" PE EXTERD IH 2" 2. PE AMAIR TOR 550" TO ELIMINATE [2] DEAD END BS. MAIN 1: BS AND 18: BS GSSE-EL KANSAS DEPARTMENT OF TRANSPORTATION - 2012 KLINE. CLEW-HOWORTH BOAD WORK FOR 2013 C.L. MAIN REPALCEMENT AND ALSO NEEDED FOR RETIREMENT OF DRSS 1028 AT 37TH AND ORVILLE. GSSES EL: MAIL 22" OF 2" T.E. FOR THASE POCATION CAD MODE (POSS) 502 AT 37TH AND ORVILLE. GSSES EL: MOTAL 122" OF 2" T.E. FOR THASE POCATION CAD MOD CHE CAMBRIE (FOSS) 504 AT 37TH AND ORVILLE. GSSES EL: MOTAL 122" OF 2" T.E. FOR THEE POCAGE CAD MOD CHE CAMBRIE (FOSS) 504 AT 37TH AND OTH TER	(25.80) Active 84.41 Active 180.34 Active 180.34 Active 0.80 Cancelled 3,699.07 In Service 26.01 Active 22.423.35 In Service (43.23) in Service 30.003.35 in Service 20.558.28 in Service 2,898.34 in Service (734.45) Cancelled 10,040.69 in Service	In Service Active Cancelled In Service Active In Service Cancelled In Service In Service	6/23/2016 Active Cancelled 12/38/2015 Active 12/9/2015 6/10/2015 12/33/2015 2/15/2016 39/6/2012 Cancelled 10/26/2015 2/25/2015	8,500.70 163.46 0.80 3,977.62 29.85 23.432.17 13.662.96 32.692.19 20.824.69 1,546,628.57 (714.45) 9,975.77
05.104.3761.010215 05.1054.3761.010227 05.1054.3761.010228 05.1054.381.100117 05.1054.381.100115 05.1054.381.100125 05.1054.381.100125 05.1054.381.100222 05.1054.381.100222 05.1054.381.100223 05.1054.381.100223 05.1054.381.100223 05.1054.381.100223 05.1055.3522.01057 05.1055.3522.01057 05.1055.3522.01059 05.1055.3522.01059	REPALCE 450' OF 2" B. SWITH 2" OF 2" P.E. REPALCE 880' OF 2" B. SWITH 2" SWITH 4" SWITH 4" P.E. WOOD AND CHICAGO VARCK W DO FMILITARY - REPLACE 310' OF LEAKING ISOLATED 2" APBS L-166 AND US 59 HIGHWAY COMITY RO 1077 NO F2 INOR REPLACE 310' OF LEAKING ISOLATED 2" APBS L-166 AND US 59 HIGHWAY COMITY RO 1077 NO F2 INOR REPLACE 1128 - 4" BS WITH 4" P.E. BLUE MOUND, KS GABREL W OF UNION, A BANDON 4-34" - 4" BS,5" - 2" BS, 8 124" - 1 1/4" BS - INSTALL 378" - 2" P.E. 210TH W OF OTTAWA RO - REPLACE 1245' OF 4" BARE STEEL WITH 2" P.E. EXTEMBLE P.E. P AMAIN FOR 550' OT ELIMINATE (2) DEAD ROB DS MAIN 4: BS AND 8: B.S. GSPS-LE-MANSAS DEPARTMENT OF TRANSPORTATION - 2012 KUING - LEAVENWORTH ROAD WORK FOR 2013 C.L. MAIN REPLACEMENT AND ALSO NEEDED FOR RETIREMENT OF DRSS 1028 AT 37TH AND ORVILLE. GSPS LEL WISTALL 22" OF 2" IT. F. FOR THREE DOGLEGES AND ONE CHAMMEL CHOSSING AT 70TH 5T. AND 70TH TER GSPS LELIBIEL DOCKTON IN TO CHERCREE DR- STORM DRAINAGE MIPHOVEMENT RENNER BLUO AND 87TH STREET.	(25.80) Active 84.41 Active 180.34 Active 180.34 Active 0.80 Cancelled 3,699.07 In Service 26.01 Active 22.423.35 In Service (43.23) In Service 10.003.33 In Service 2.898.34 In Service (714.43) Cancelled 10,040.69 In Service 661.50 In Service (10,000.00) Active 6.29 In Service 5,731.73 in Service 5,731.73 in Service	In Service Active Cancelled In Service Active In Service Active Active	6/23/2016 Active Carcelled 12/18/2015 Active 12/9/2015 6/10/2015 12/31/2015 2/13/2016 9/6/2012 Cancelled 10/26/2015 2/25/2015 Active 3/10/2015 11/18/2015	8,500.70 163.46 0.80 3,977.62 29.85 23,432.17 13,662.19 20,824.69 1,546,628.57 (71,44.5) 9,975.77 31,331.59 (10,000.00) 44,175.45 5,922.86
051.054.3761.010215 051.054.3761.010228 051.054.3761.010228 051.054.3871.01017 051.054.3871.010154 051.054.3871.010154 051.054.3871.010155 051.054.3871.010223 051.054.3871.010223 051.054.3871.010224 051.054.3871.010223 051.054.3871.010223 051.055.3572.010910 051.055.3572.010919 051.055.3572.010950 051.055.3572.010950 051.055.3572.010950 051.055.3572.010950	REPACE 450' OF 2" B. SWITH 2" OF 2" P.E. REPACE 850' OF 2" B. SWITH 2" S' P.E. WOOD AND CHICAGO VARCE WO FMILITARY - REPLACE 310' OF LEAKING ISOLATED 2" APBS L'164 AND US 59 HIGHWAY COUNTY BO 1977 NOF ZINC RED 1128-4" BS WITH 4" P.E. BLUE MOUND, KS GABBIEL WO FULNCOUN - NADANDONA 3" - 4" BS, SS" - 2" BS. & 124" - 11/4" BS - INSTALL 378" - 2" P.E. 210TH WO OF OTTAWA BD - REPACE 225' OF 4" BMS TELL WITH 2" P.E. EXTEND H.P.2: P.E. MAIN FOR SOY TO ELIMINATE [2] DEAD THIO BS MAIN 4: B.S. AND 2". BS GSS-EL AMASS DEFINITION OF TO ELIMINATE [2] DEAD THIO BS MAIN 4: B.S. AND 2". BS GSS-EL CAMASS DEFINITION OF THAS PORTATION - 2012 KLINK - LEX-VEWOORTH FOOD WORK FOR DIS CLI, MAIN REPLACEMENT AND ALSO NEEDED FOR RETIREMENT OF DRSS 1028 AT 17TH AND ORVILLE. GSIS ELIMINAL 123' OF 2" T.E. FOR THREE DOGLEGS AND ONE CHANNEL CHOSSING, AT 70TH 5T. AND 70TH TER GSS ELIMINAL 123' OF 2" T.E. FOR THREE DOGLEGS AND ONE CHANNEL CHOSSING AT 70TH 5T. AND 70TH TER GENS ELIMINAL 123' OF 2" T.E. FOR THREE DOGLEGS AND ONE CHANNEL CHOSSING AT 70TH 5T. AND 70TH TER GENS ELIMINAL SWITZER MAIN REDOCATIONS GSS 1770D AND LEAVERWORTH GSSS ELIMINAL SYSTEM MITCAGE TO NAIL 6" P.E.	(25.80) Active 8.4.1 Active 160.34 Active 160.34 Active 0.80 Cancelled 3.699.07 in Service 26.01 Active 22.423.35 In Service (43.23) in Service 30.003.33 in Service 2,889.54 in Service (714.45) Cancelled 10,040.69 in Service (10,000.00) Active 6.150 in Service 1,000.00) Active 6.171 Service 5,731.73 in Service (4,836.60) in Service	In Service Active Cancelled In Service Active In Service	6/23/2016 Active Cancelled 12/18/2015 4/10/2015 6/10/2015 12/33/2015 2/13/2016 3/6/2012 Cancelled 10/26/2015 2/25/2015 Active 3/30/2015 11/18/2015 4/11/2016	8,500.70 163.46 0,80 3,977.62 29.85 23,482.17 13,662.96 1,546.628.57 (714.45) 9,975.77 11,313.79 (10,000.00) 44,175.45 5,922.86
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051.054.3764.010215 051.054.3764.010227 051.054.3764.010228 051.054.3811.01017 051.054.3811.01017 051.054.3811.01018 051.054.3811.01018 051.054.3811.01023 051.054.3811.01023 051.054.3811.01023 051.055.3522.01077 051.055.3522.01077 051.055.3522.01079	REPALCE 450' OF 2" B. SWITH 2" OF 2" P.E. REPALCE 850' OF 2" B. SWITH 2" ST. WACK WO FMILITARY - REPLACE 310' OF LEAKING ISOLATED 2" APBS L'AGA AND US 59 HIGHWA' COUNTY BO 1577 NOF JION RERI 1128-4" BS WITH 4" PR. BLUE MOUND, KS GABBLE, WO FUNCOUN - ABANDONA 31" - 4" BS.5" - 2" BS. 112" - 11/4" BS - INSTALL 378" - 2" PE 210'TH W OF OTTAWA RD - REPLACE 124S' OF 4" BARE STEEL WITH 2" PE EXTEMD 1P, 2" P.E. BAMAN FOR 50" TO ELIMINATE 21 DEAD END BS. MAIN 4" BS. AND 8" BS. GSIS-LEAMISAS DEPARTMENT OF TRANSPORTATION - 2012 RUINE - LEAVENWORTH ROAD WORK FOR 310.21 C. MAIN REPLACE LEAST ON A "BARE STEEL WITH 2" PE EXTEMD 4" P.E. P. E. BAMAN FOR 50" TO ELIMINATE 21 DEAD END BS. MAIN 4" BS. AND 8" BS. GSIS-LEAMISAS DEPARTMENT OF TRANSPORTATION - 2012 RUINE - LEAVENWORTH ROAD WORK FOR 310.21 C. MAIN REPLACE EMENT AND ADD REDEO FOR RETIREMENT OF DRAS 3108 AT 17TH AND ONVILLE. GSIS ELIMINAL 122" OF 2" T.F. FOR THATE DOCALEDS AND ONE CHAMMEL CROSSING AT 70TH 5T. AND 70TH TER GSIS ELIMINAL 122" OF 2" T.F. FOR THATE DOCALEDS AND ONE CHAMMEL CROSSING AT 70TH 5T. AND 70TH TER GSIS ELIMINAL 122" OF 2" T.F. FOR THATE DOCALEDS AND ONE CHAMMEL CROSSING AT 70TH 5T. AND 70TH TER GSIS ELIMINAL 122" OF 2" T.F. FOR THATE DOCALEDS AND ONE CHAMMEL CROSSING AT 70TH 5T. AND 70TH TER GSIS STOM AND LEAVENWORTH GSIS ELIMINAL 1250 MITTER AND RELOCATIONS SERVED AND LEAVENWORTH GSIS ELIMINAL STOM TERRACE GSISSATH AND PAWMET STREET - RELOCATE 135" - 2" PE 20TH AND DOMINED HIS ST. TO KING 51GSIS 159TH NALL TO MISSION SHARING AND STANDARD AND STANDAR	(25.80) Active 84.41 Active 180.34 Active 180.34 Active 180.30 Cancelled 3,699.07 in Service 22,423.35 in Service (32,433.56 in Service 19,003.33 in Service 19,003.33 in Service 19,0558.28 in Service 17,14.45) Cancelled 10,004.69 in Service (10,000.00) Active 6,129 in Service (10,000.00) Active 6,29 in Service 1,28,21.05 in Service 1,28,20.05 Active 1,28,20.05 in Service 1,28,20.05 Active 1,28,20.05 in Service 1,28	in Service Active Cancelled In Service	6/23/2016 Active Cancelled 12/38/2015 6/10/2015 6/10/2015 12/33/2015 2/33/2015 2/33/2015 2/33/2015 2/35/2015 10/26/2015 2/35/2015 11/18/2015 10/9/2015	8,500.70 163.46 0.30 3,977.62 29.85 23,432.17 13,662.96 32,692.19 20,224.69 1,546.628.57 (714.45) 9,975.77 31,331.59 10,000.00) 44,175.45 5,922.86 23,743.11 (1,736.82) 126,002.31 1,200.49 63,161.65 62,869.67 60,447.75 60,447.75 19,668.77 156,861.04 24,576.25 2,746.51 1,999.55
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051.05.3.76.1.010215 051.05.3.76.1.010278 051.05.3.76.1.010278 051.05.3.81.1.01017 051.05.4.381.1.01017 051.05.4.381.1.01017 051.05.4.381.1.01018 051.05.4.381.1.01023 051.05.4.381.1.01023 051.05.4.381.1.01023 051.05.3.52.2.01070 051.05.3.52.2.01071 051.05.3.52.2.01071 051.05.3.52.2.01072 051.05.3.52.2.01075 051.05.3.52.2.01075 051.05.3.52.2.01076 051.05.3.52.2.01076 051.05.3.52.2.01076 051.05.3.52.2.01076 051.05.3.52.2.01076 051.05.3.52.2.01077 051.05.3.52.2.01078 051.05.3.52.2.01078 051.05.3.52.2.01078 051.05.3.52.2.01078 051.05.3.52.2.01078 051.05.3.52.2.01078 051.05.3.52.2.01078 051.05.3.52.2.01078 051.05.3.52.2.01078 051.05.3.52.2.01078 051.05.3.52.2.01078 051.05.3.52.2.01079 051.05.3.52.2.01079 051.05.3.52.2.01079 051.05.3.52.2.01079 051.05.3.52.010709	REPLACE 450' OF 2" BLS WITH 2" PE WOOD AND CHICAGO VARCE WO FEMILITARY - REPLACE 310' OF LEAKING ISOLATED 2" APBS L'146 AND US 59 HIGHWAY COUNTY BO 1777 NO FZINC REPL 1128-4" BS WITH 4" PE, BLUE MOUND, KS CABRIEL WO FUNCOUN - ABANDON 431" - 4" BS.55" - 2" BS.5 112" - 11/4" BS - INSTALL 378" - 2" PE 210TH WO OF DITAWA RD. REPLACE 1215-4" BS WITH 4" PE, BLUE MOUND, KS CABRIEL WO FUNCOUN - ABANDON 431" - 4" BS.55" - 2" BS.5 112" - 11/4" BS - INSTALL 378" - 2" PE 210TH WO OF DITAWA RD. REPLACE 1215-0" AS WITH 4" PE, BLUE MOUND, KS CABRIEL WO FUNCOUN - ABANDON 431" - 4" BS.55" - 2" BS.5 112" - 11/4" BS - INSTALL 378" - 2" PE 210TH WO OF DITAWA RD. REPLACE 1215 OF A "BS.55" - 2" BS.5 11/4" - 11/4" BS - INSTALL 378" - 2" PE 210TH WO OF DITAWA RD. REPLACEMENT AND ALSO NEEDED FOR RETIREMENT OF DRSS 1028 AT 17TH AND ORVILLE. GSS SELIGIBLE LOCATION IN TO CHEROKEE DR. STORM DRAIMAGE IMPROVEMENT GSS SELIGIBLE LOCATION IN TO CHEROKEE DR. STORM DRAIMAGE IMPROVEMENT GSS SE 27ND AND ATTH STIBLET GSS 91ST AND SWITZER MAIN RELOCATIONS GSS 77ND AND 157ND TERRACE GSS - GATEWAY PROJECT FINAS 2 - LIENIXA DRIVE AT 94TH TER AND AT ROSEHILL GSS - 3TH AND AND DAWNET STREET RELOCATE 335" - 2" PE 20TH AND MONTANA DRS 22ND AND CHESTER GSSE SELIGABLE LITH ST. AND GIBBS 8D. SPIN TER, AND DAWNET STREET RELOCATE 335" - 2" PE 20TH AND MONTANA DRS 22ND AND CHESTER GSSE SELIGABLE LITH ST. AND GIBBS 8D. SPIN TER, AND CHIN ST. TO KING ST. GSSS 159TH NALL TO MISSON GSSE LL-MADSKA CHY ARMS———27ND STREET FROM SHAWNIEE DRIVE TO LOCUST 1111 HIAD CHERCIEE GSS SEL CHARGE CHE AND A ARCS CROSSING STINSON CREEK ON SE TECUMSEN RD GSSE SELIGABLE STIN HAND FALMOUTH DR. 2M METER FOR 9512 MARSHALL GSS 57D AND 212 CONNELL STORM IMPROVEMENT TEC 2 - CHY PERCOCATE 202" A PACS CROSSING STINSON CREEK ON SE TECUMSEN RD GSSE LLEUNCOOL HORWAY - PHASE I PUBLISHMOVE HAND RELIGIOUS SERVICE LINE PUBLIC MAPROVEMENT TEC 2 - CHY PROJECT LINE AND CHING THE PROJECT 24TH & WALDROON REPLACE ON LOWER BRIND THE PROJECT TOWN AS A GOVERNMENT HELECATION FROM SELENT FOR SET AND THE PROJECT	(25.80) Active 8.4.1 Active 160.34 Active 160.34 Active 160.35 Active 2,40.35 In Service (26.01 Active 22,423.35 In Service (30.30) Service (30.30) Service (30.30) Service (30.30) Service (10.00.00) Active 10.00.000 Active 10.00.001 Active (5.731.73 In Service (10.00.001 Active (5.731.73 In Service (4.83.600) In Service (6.071.26 In Service (6.071.27 Active (7.00.10 Acti	in Service Active Cancelled In Service Active In Service Active In Service Active Activ	6/23/2016 Active Cancelled 12/18/2015 6/10/2015 6/10/2015 12/13/2016 6/10/2015 12/13/2016 9/6/2012 Cancelled 10/26/2015 11/13/2015 11/13/2015 11/13/2015 11/13/2015 10/9/2013 10/9/2013 10/9/2013 10/9/2015 Active Cancelled Cance	8,500.70 163.46 0.80 3.977.62 2.985 23.432.17 13.662.96 23.692.19 20.824.69 1,546.62.85 (714.45) 9.975.77 31.331.59 (10.000.00) 44,175.45 32,742.11 1,200.49 63,161.65 62,869.67 60,447.85 19,668.27 19,668.27 19,668.27 19,668.27 19,688.27 19,538.29 12,746.51 1,969.57 1,969.59 12,746.51 1,969.59 12,746.50 12,746.50 12,746.50 12,746.50 12,746.51
053.054.3761.010215 053.054.3761.010227 053.054.3871.010228 053.054.3871.010127 053.054.3871.010127 053.054.3871.010128 053.054.3871.010215 053.054.3871.01023 053.054.3871.01023 053.054.3871.01023 053.054.3871.01023 053.054.3871.01023 053.054.3871.01023 053.054.3872.01097 053.055.3572.01097 053.055.3572.01097 053.055.3572.01097 053.055.3572.01097 053.055.3572.010982 053.055.3572.010992 053.055.3572.010992 053.055.3572.010993 053.055.3572.010993 053.055.3572.010993 053.055.3572.010993 053.055.3572.010930 053.055.3572.010930 053.055.3572.010930 053.055.3572.010930 053.055.3672.010930	REPLACE 450' OF 2" B. SWITH 2" PE WOOD AND CHICAGO VACK WO FMILITARY - REPLACE 310' OF LEAKING ISOLATED 2" APBS LIJEA AND US 59 HIGHWAY COUNTY BO JOTY NO FZINC RET 1328-4" SS WITH 4" PE, BLUE MOUND, KS GABRIE, WO FUNCOUN - ABANDON 43" - 4" 85.55" - 2" BS 6 134" - 11/4" BS - INSTALL 378" - 2" PE 210TH WO OF JOTY NO FZINC RET 1328-4" SS WITH 4" PE, BLUE MOUND, KS GABRIE, WO FUNCOUN - ABANDON 43" - 4" 85.55" - 2" BS 6 134" - 11/4" BS - INSTALL 378" - 2" PE 210TH WO OF JOTAWA RD. REPLACE 1250' OF 4" BBASE TELL WITH 2" PE EXTERD IN P2 : PE MAIN 708 550" TO ELIMINATE (2) DEAD END BS. MAIN 4: BS AND 18: BS GRS-EL-KARSS DEPARTMENT OF TRANSPORTATION - 2012 KLINE - LEAVE-WOOTH ROAD WORK FOR 2013 CL. MAIN REPLACEMENT AND ALSO HEEDED FOR RETIREMENT OF DRS3 1028 AT 37TH AND ORVILLE. GSSS ELIGIBLE LOCKTON IN TO CHEROKEE DR- STORM DRAIMAGE IMPROVEMENT GSSS ELIGIBLE LOCKTON IN TO CHEROKEE DR- STORM DRAIMAGE IMPROVEMENT GSS 51ST AND SWITZER MAIN RELOCATIONS GSS 27DD AND LAVENWORTH GSSS ELIGIBLE SUPER HICKLEY TO MAIL 6" PE BROADMOOR AND IS NOT TERRACE GSS - SALEMAN PROJECT FIRST 2" LEIDEA DRIVE AT 54TH TER AND AT ROSENILL GSS- 3-7TH AND DRAINES TRICET - RELOCATE 135" - 2" PE 210TH AND MONTHS TRICETS - RELOCATE 135" - 2" PE 210TH AND MONTHS TRICETS - RELOCATE 135" - 2" PE 210TH AND MONTHS TRICETS - RELOCATE 135" - 2" PE 210TH AND MONTHS TO KINS IN GAINES - STORM MINISTRY OF SALEMAN GSS ELLAMAS CITY KANSAS——AND STAMOLY DR. MINISTRY CONTROLLED STORM MINISTRY OF SALEMAN GSS ELLAMAS CITY KANSAS——AND STAMOLY DR. MINISTRY CONTROLLED	(25.80) Active 8.4.14 Active 160.34 Active 160.34 Active 160.34 Active 2,0.00 Cancelled 3,699.07 in Service 2,26.01 Active 22,423.35 in Service (30,303.31 in Service 10,000.69 in Service 10,000.00 Active 10,000.00 Active 10,000.00 Active 10,000.00 Active 1,000.00 Service 11,000.00 Service 10,000.00 Active 1,000.00 Service 1,000	in Service Active Cancelled In Service Active Active In Service In	6/23/2016 Active Cancelled 12/18/2015 Active 12/18/2015 12/13/2015 12/13/2015 12/13/2015 12/13/2015 12/13/2015 12/13/2015 12/13/2015 11/13/2015 11/13/2015 11/13/2015 11/13/2015 12/13/2015 12/13/2015 12/13/2015 12/13/2015 12/13/2015 12/13/2015 12/13/2015 12/13/2015 12/13/2015 12/13/2015 12/13/2015 Active 12/13/2015 Active 12/13/2015 Active 12/13/2016 Active 12/13/2016 Active Active Active Active Active 12/13/2016 Active 12/13/2016 Active 12/13/2016 Active 12/13/2016 Active Active 12/13/2016 Active Active 12/13/2016 Active Active Active Active Active Active Active Active Active Activ	8,500.70 163.46 0,80 3,977.62 29.85 12,432.17 13,662.96 13,662.96 12,682.19 20,824.69 1,566,628.57 (714.45) 9,975.77 31,331.59 (10,000,00) 44,175.45 5,922.86 13,768.21 11 (1,736.82) 126,002.31 1,200.49 63,161.65 62,869.67 60,447.85 19,668.27 19,686.10 124,576.25 19,686.17 19,686.17 19,686.17 19,588.82 187.05 19,588.83 1
053.054.3764.010215 053.054.3764.010227 053.054.3764.010228 053.054.3811.01017 053.054.3811.01017 053.054.3811.01017 053.054.3811.01018 053.054.3811.01018 053.054.3811.01023 053.054.3811.01023 053.054.3811.01023 053.054.3811.01023 053.055.3522.01070 053.055.3522.01070 053.055.3522.01070 053.055.3522.01070 053.055.3522.01070 053.055.3522.01070 053.055.3522.01070 053.055.3522.01077 053.055.3522.01070	REPLACE 450' OF 2" BLS WITH 2" PE WOOD AND CHICAGO VARCE WO FEMILITARY - REPLACE 310' OF LEAKING ISOLATED 2" APBS L'146 AND US 59 HIGHWAY COUNTY BO 1777 NO FZINC REPL 1128-4" BS WITH 4" PE, BLUE MOUND, KS CABRIEL WO FUNCOUN - ABANDON 431" - 4" BS.55" - 2" BS.5 112" - 11/4" BS - INSTALL 378" - 2" PE 210TH WO OF DITAWA RD. REPLACE 1215-4" BS WITH 4" PE, BLUE MOUND, KS CABRIEL WO FUNCOUN - ABANDON 431" - 4" BS.55" - 2" BS.5 112" - 11/4" BS - INSTALL 378" - 2" PE 210TH WO OF DITAWA RD. REPLACE 1215-0" AS WITH 4" PE, BLUE MOUND, KS CABRIEL WO FUNCOUN - ABANDON 431" - 4" BS.55" - 2" BS.5 112" - 11/4" BS - INSTALL 378" - 2" PE 210TH WO OF DITAWA RD. REPLACE 1215 OF A "BS.55" - 2" BS.5 11/4" - 11/4" BS - INSTALL 378" - 2" PE 210TH WO OF DITAWA RD. REPLACEMENT AND ALSO NEEDED FOR RETIREMENT OF DRSS 1028 AT 17TH AND ORVILLE. GSS SELIGIBLE LOCATION IN TO CHEROKEE DR. STORM DRAIMAGE IMPROVEMENT GSS SELIGIBLE LOCATION IN TO CHEROKEE DR. STORM DRAIMAGE IMPROVEMENT GSS SE 27ND AND ATTH STIBLET GSS 91ST AND SWITZER MAIN RELOCATIONS GSS 77ND AND 157ND TERRACE GSS - GATEWAY PROJECT FINAS 2 - LIENIXA DRIVE AT 94TH TER AND AT ROSEHILL GSS - 3TH AND AND DAWNET STREET RELOCATE 335" - 2" PE 20TH AND MONTANA DRS 22ND AND CHESTER GSSE SELIGABLE LITH ST. AND GIBBS 8D. SPIN TER, AND DAWNET STREET RELOCATE 335" - 2" PE 20TH AND MONTANA DRS 22ND AND CHESTER GSSE SELIGABLE LITH ST. AND GIBBS 8D. SPIN TER, AND CHIN ST. TO KING ST. GSSS 159TH NALL TO MISSON GSSE LL-MADSKA CHY ARMS———27ND STREET FROM SHAWNIEE DRIVE TO LOCUST 1111 HIAD CHERCIEE GSS SEL CHARGE CHE AND A ARCS CROSSING STINSON CREEK ON SE TECUMSEN RD GSSE SELIGABLE STIN HAND FALMOUTH DR. 2M METER FOR 9512 MARSHALL GSS 57D AND 212 CONNELL STORM IMPROVEMENT TEC 2 - CHY PERCOCATE 202" A PACS CROSSING STINSON CREEK ON SE TECUMSEN RD GSSE LLEUNCOOL HORWAY - PHASE I PUBLISHMOVE HAND RELIGIOUS SERVICE LINE PUBLIC MAPROVEMENT TEC 2 - CHY PROJECT LINE AND CHING THE PROJECT 24TH & WALDROON REPLACE ON LOWER BRIND THE PROJECT TOWN AS A GOVERNMENT HELECATION FROM SELENT FOR SET AND THE PROJECT	(25.80) Active 84.41 Active 160.34 Active 160.34 Active 160.30 (Garcelled 3,699.07) in Service 2,260.1 Active 22,423.35 in Service (30.30).33 in Service (30.30).35 in Service 174.45) Cancelled 10,040.69 in Service (10,000.00) Active 6.19 in Service (10,000.00) Active 6.29 in Service (44,836.08) in Service (44,836.09) in Service (45,316.09) in Service (45,316.09) in Service (45,316.09) in Service (45,316.09) in Service (45,316.07) in Service (56,316.1 Active (291.49) in Service (58,61.1 Active (291.49) in Service (58,61.1 Active (291.49) in Service (58,61.1 Active (291.49) in Service (4,912.54 Active (201.49) in Service (4,912.54 Active (2,300.05 Active (3,300.05 Active (3,300.05 Active (3,300.07 Active	in Service Active Cancelled in Service Active In Service Active in Service Active Active in Service Active in Service Active in Service	6/23/2016 Active Cancelled 12/18/2015 6/10/2015 6/10/2015 12/13/2016 6/10/2015 12/13/2016 9/6/2012 Cancelled 10/26/2015 11/13/2015 11/13/2015 11/13/2015 11/13/2015 10/9/2013 10/9/2013 10/9/2013 10/9/2015 Active Cancelled Cance	8,500.70 163.46 0.80 3.977.62 2.985 23.432.17 13.662.96 23.692.19 20.824.69 1,546.62.85 (714.45) 9.975.77 31.331.59 (10.000.00) 44,175.45 32,742.11 1,200.49 63,161.65 62,869.67 60,447.85 19,668.27 19,668.27 19,668.27 19,668.27 19,688.27 19,538.29 12,746.51 1,969.57 1,969.59 12,746.51 1,969.59 12,746.50 12,746.50 12,746.50 12,746.50 12,746.51

051.055.3761.010081 051.055.3781.005100	QUINCY E OF JOPLIN - REPLACE 335' - 6" APBS WITH 342' - 4" PE REBUILD SERVICE LINE	9,809.50 In Service 54,231.19 In Service	In Service In Service	1/4/2016 1/31/2016	9,841.48 54,231.19
051.055.3781.010024	MULTIPLE MAIN LOWERINGS ON NATIONAL ST FROM 10TH-12TH ST, FORT SCOTT DUE TO CITY ROAD PROJECT.	1,612.29 In Service	In Service	5/11/2015	95,385.65
051.056.3522.010298 051.056.3522.010306	INSTALL NEW DRS FOR S-99 SYSTEM AT 87TH AND PENROSE FOR NEW DEVELOPMENT 207TH ST & GEORGE RD-TBS# 2105-0004 TONGANOXIE LAMING TAP- INSTALL SCADA TRANSMITTERS	16,898.50 in Service 6,228.60 Active	In Service Active	10/20/2015 Active	16,792.10 6,350.10
051.056.3533.010076	INSTALLING RECTIFIER AND GROUND BED, SOUTH OF AIRPORT RD. AND WEST OF THE AIRPORT.	47,687.31 In Service	In Service	5/1/2015	46,793.02
051.056.3533.010077 051.056.3541.010079	INSTALL 1164 FEET OF 4" PE PIPE ALONG THE NORTH ROW OF 294TH RD BETWEEN FAIRWAY DR AND BROOKDALE DR INSTALL REAL-TIME TBS PRESSURE MONITORING IN TOPEKA	17,714.47 In Service 3,720.65 Active	In Service Active	12/23/2015 Active	23,060.97 22,532,46
051.056.3621.010210	18TH & ADAMS UPGRADE RECTIFIER	1,310.68 Active	Active	Active	1,335.34
051.056.3621.010211 051.056.3631.010075	8TH & MAIN ST CONVERT SOLAR RECTIFIER TO CONVENTIONAL 4TH, 1808 E. HUT. INST 2* PE	1,319.30 Active (2,315.72) Cancelled	Active Cancelled	Active Cancelled	1,345.10 (2,315.72)
051.056.3651.010101	MANHATTAN - INSTALL MAIN FOR THE GOODNOW/TECUMSEH ROAD TIE-IN	0.10 Cancelled	Cancelled	Cancelled	0.10
051.056.3651.010108 051.056.3651.010113	MANHATTAN- INSTALL 720' OF 2" PE MAIN @ AMHERST AVE MANHATTAN- INSTALL ANODES AND BOND COUPLINGS IN THE MANHATTAN AND OGDEN	1.49 Active 77,478.08 Active	Cancelled In Service	Cancelled 5/31/2016	0.13 78,993.56
051.056.3651.010118	NDU - MANHATTAN - INSTALL RECTIFIER @ 1119 EL PASO LN	33,079.21 Active	In Service	8/22/2014	33,726.25
051.056.3651.010119 051.056.3651.010120	NDU - MANHATTAN- INSTALL ANODES AND BOND COUPLINGS IN MANHATTAN TO RESTORE CORROSION PROTECTION NDU - MANHATTAN - INSTALL RECTIFIER @ 411 SHORT RD, BELVUE	43,798.43 Active 42,304.71 Active	Active Active	Active Active	44,655.11 43,132.17
051.056.3651.010121	NDU - MANHATTAN - INSTALL RECTIFIER & GROUNDBED @ 9TH & LEAVENWORTH	52,419.05 Active	Active	Active	53,441.99
051.056.3651.010122 051.056.3651.010123	MANHATTAN- INSTALL ANODES AND BOND COUPLINGS IN MANHATTAN AND OGDEN NOU - MANHATTAN - INSTALL GROUND BED FOR CORROSION CONTROL OF STEEL SYSTEM	27,846.19 Active 4,935.58 Active	Active Active	Active Active	29,308.44 80,753.67
051.056.3651.010124	NDU - MANHATTAN - INSTALL 225'-2"PE TO LOOP SYSTEM ON KIMBALL AVE FOR FUTURE KSU DEVELOPMENT	335.23 Active	Active	Active	6,975.41
051.056.3653.010100 051.056.3653.010102	FRANKFORT-WASHINGTON-ONAGA-WATERVILLE INSTALL ANODES & BOND COUPLINGS HOME CITY - INSTALL RECTIFIER & GROUNDBED ON SOUTHWEST SIDE OF TOWN TO PROTECT WHOLE TOWN	1,258.39 Active 6,315.01 Active	Active Active	Active Active	1,282.99 6,435.97
051.056.3653.010103 051.056.3653.010104	NDU - MARYSVILLE AREA - INSTALL ANODES & BOND COUPLINGS TO RESTORE CORROSION PROTECTION BARNES AT 2ND AND MAIN STREETS	44,112.73 Active	Active	Active	44,975.59
051.056.3653.010104	NDU - MARYSVILLE AREA - INSTALL ANODES & BOND COUPLINGS TO RESTORE CORROSION PROTECTION	946.34 In Service 62,393.43 Active	In Service Active	2/15/2015 Active	27,081.68 63,613.83
051.056.3721.010257 051.056.3721.010265	DRS 002 - MAYSVILLE MACARTHUR AND HOOVER - NEW DRS FOR SYSTEM REINFORCEMENT	23,335.00 Active 400.69 Active	Active Cancelled	Active Cancelled	23,791.42
051.056.3721.010268	DERBY TBS NEW COORIZER - REGSTA	18,353.57 Active	Active	Active	18,710.69
051.056.3721.010271 051.057.3522.010015	DRS #2801-0157 - PAWNEE & EVERETT - REPLACE EXPIRING LEASE WITH EASEMENT TBS- 167TH ST & KENNETH RD- PURCHASE AND INSTALL A 4" EMERSON ELITE METER CMF-400 PEAK PERFORMANCE	93.76 In Service 9.06 Cancelled	In Service Cancelled	7/22/2015 Cancelled	8,178.17 0.06
051.059.3521.010001	HILLSDALE LAKE TBS# 2122-0001- REPLACE SECURITY FENCE AROUND TBS	6,501.77 Active	Active	Active	6,628.97
051.082.3721.010001 051.092.2751.010014	PRARIE VIEW HOSPITAL-NEWTON ENVIRONMENTAL CHAMBER FOR ONE GAS MATERIALS TESTING FACILITY	2,296.64 In Service 45,004.75 In Service	Expense Project In Service	Not Applicable Char 1/28/2016	ged to O&M 113,417.79
051.092.3021.010009	2015 OVERLAND PARK FLEET CENTER VEHICLE LIFT	20,159.44 In Service	In Service	1/28/2016	20,159.44
051.092.3021.010013 051.092.3021.010014	2015 EQUIPMENT FOR NEW OVERLAND PARK FLEET CENTER 2015 TOOLS FOR WICHITA FLEET CENTER	66,393.73 In Service 3.318.75 In Service	In Service In Service	1/28/2016 1/28/2016	66,393.73 3,318.75
051.092,3021.010015	2015 EQUIPMENT FOR KANSAS CITY FLEET CENTER	11,598.87 In Service	In Service	1/28/2016	11,598.87
051.092.3021.010016 051.092.3021.010017	2015 EQUIPMENT FOR TOPEKA FLEET CENTER 2015 EQUIPMENT FOR WICHITA FLEET CENTER	11,601.53 In Service 18,426.87 In Service	In Service In Service	1/28/2016 1/28/2016	11,601.53 18,426.87
051.092.3021.010019	DIRECTIONAL DRILL & DRILL EQUIPMENT WITH TRANSPORT TRAILER	171,204.50 In Service	In Service	1/28/2016	171,204.50
051.092.3021.010020 051.092.3021.010021	2015 EQUIPMENT FOR ATCHISON EXCAVATOR RENTAL PAYOFF 2014 CASE SV185 SKID STEER	14,987.23 In Service 43,253.88 In Service	In Service In Service	1/28/2016 1/28/2016	14,987.23 43,253.88
051.092.3021.010022	2016 CASE SV185 SKID STEER 2016 CASE SV185 SKID STEER	43,248.42 In Service	In Service	1/28/2016	43,248.42
051.092.3021.010023 051.092.3021.010024	2016 CASE SV185 SKID STEER 2016 CASE SV185 SKID STEER	40,884.78 In Service 40,545.40 In Service	In Service In Service	1/28/2016 1/28/2016	40,884.78 40,545.40
051.092.3021.010025 051.092.3021.010026	2015 KUBOTA MODEL: KX91R3AS2 SPEC ME60 2015 KUBOTA MODEL: KX91R3AS2 SPEC ME60	56,559.50 In Service 56,559.50 In Service	In Service	1/28/2016 1/28/2016	56,559.50 56,559.50
051.092.3021.010027	KUBOTA KX71-354R2 EXCAVATOR SERIAL#20374	39,993.20 In Service	In Service In Service	1/28/2016	37,203.00
051.092.3021.010028 051.092.3021.010029	KUBOTA KX71-354R2 EXCAVATOR SERIAL#20374 KUBOTA KX71-354R2 FXCAVATOR SERIAL#20374	39,993.23 in Service 39,993.24 in Service	In Service In Service	1/28/2016 1/28/2016	37,203.00 37,203.00
051.092.3021.010030	KUBOTA KX71-354RZ EXCAVATOR SERIALIZO374	39,993.24 in Service	In Service	1/28/2016	37,203.00
051.092.3021.010031 051.092.3021.010032	KUBOTA KX91-R3AS2 EXCAVATOR SERIALI43761 2015 TIRE MACHINE EQUIPMENT FOR KANSAS CITY	58,905.70 In Service 1,055.51 In Service	In Service In Service	1/28/2016 7/21/2016	54,796.00 1.055.51
051.092.3021.010033	2015 TIRE MACHINE EQUIPMENT FOR TOPEKA	1,054.54 In Service	In Service	7/21/2016	1,054,54
051.092.3021.010034 051.092.3522.010165	2015 TIRE MACHINE EQUIPMENT FOR WICHITA PURCHASE (3) ROTARY GAS METER TESTERS	1,051.11 In Service 5,716.63 In Service	tn Service In Service	7/21/2016 10/10/2015	2,296.91 5,716.63
051.092.3522.010173	PURCHASE (10) GAS RANGER NATURAL GAS AND OXYGEN DETECTOR FOR C&M	22,196.00 In Service	In Service	12/21/2015	22,196.00
051.092.3522.010174 051.092.3522.010176	PURCHASE (4) GAS RANGER NATURAL GAS AND CO DETECTOR FOR C&M AND (1) FOR I&S PURCHASE (18) VALVE CHANGERS FOR I&S	11,098.00 In Service 59,819.35 In Service	In Service In Service	12/21/2015 11/23/2015	11,098.00 50,246.65
051.092.3522.010177	PURCHASE (1) DRILLING MACHINE T-101	4,387.38 In Service	in Service	12/31/2015	4,387.38
051.092.3522.010178 051.092.3531.010034	PURCHASE 2 FISHER M-SCOPE LOCATORS FOR C&M PURCHASE TWO ROVERS FOR LEAVENWORTH/LANSING	1,731.68 In Service 19,286.25 In Service	In Service In Service	12/18/2015 1/18/2016	1,731.68 19,286.25
051.092.3533.010037	PURCHASE A GAS ROVER NATURAL GAS DETECTOR	6,293.00 In Service	In Service	12/15/2015	6,293.00
051.092.3533.010038 051.092.3541.010091	PURCHASE ONE ITRON FC300 FOR ATCHISON PURCHASE GROUND LEVEL SQUEEZE TOOL FOR TOPEKA	6,335.38 In Service 1,060.07 In Service	In Service In Service	12/7/2015 8/7/2014	6,342.09 1,060.07
051.092.3541.010096	PURCHASE (2) WORK LIGHTS FOR TOPEKA	7,970.13 In Service 2,948.40 In Service	In Service	10/15/2015	7,970.13
051.092.3541.010097 051.092.3621.010061	PURCHASE MERIAM M201 ROTARY GAS METER TESTER & PRESSURE GAUGE FOR TOPEKA PURCHASE TWO BASCOM-TURNER ROVER UNITS	12,586.00 In Service	In Service In Service	12/15/2015 1/13/2016	2,948.40 12,586.00
051.092.3621.010062 051.092.3622.010028	PURCHASE ONE RMLD UNITY FOR GREAT BEND SERVICE AREA 2015 PRATT OPERATING AREA TOOLS	21,714.58 In Service 194.21 Cancelled	In Service Cancelled	11/24/2015 Cancelled	21,714.58
051.092.3622.010029	PURCHASE ONE BASCOM-TURNER GAS ROVER UNIT	6,293.00 In Service	In Service	1/13/2016	6,293.00
051.092.3635.010018 051.092.3642.010003	BASCOM TURNER ROVER FOR MCPHERSON PURCHASE WELDING TOOLS & SUPPLIES, BELOIT, KS	6,649.50 In Service 459.92 In Service	In Service In Service	5/30/2015 2/29/2016	6,649.50 6,360.60
051.092.3651.010037	NDU - MANHATTAN - PURCHASE PIPE WALL THICKNESS GAUGE	1,377.7D Active	In Service	7/15/2015	1,377.70
051.092.3651.010038 051.092.3653.010007	NDU - MANHATTAN - PURCHASE PIPE WALL THICKNESS GAUGE MARYSVILLE - PURCHASE A BASCOM/TURNER ROVER	1,565.40 Active 6,649.50 Active	Active Active	Active Active	1,565.40 6.649.50
051.092.3653.010008	MARYSVILLE - PURCHASE A DIGITAL MANOMETER	1,812.94 Active	Active	Active	1,812.94
051.092.3653.010009 051.092.3653.010010	MARYSVILLE - PURCHASE AIR DRILL & DRILL BAR STEM NDU - MARYSVILLE - PURCHASE A V3 PATHFINDER LOCATING SYSTEM BY RYCOM INSTRUMENTS INC.	7,074.26 Active 2,461.89 Active	Active Active	Active Active	7,074.26 2,461.89
051.092.3653.D10011	NOU - MARYSVILLE - PURCHASE UNDERGROUND PIERCING TOOL	3,183.04 Active	Active	Active	3,183.04
051.092.3684.010006 051.092.3685.010048	PURCHASE A NEW/USED BOOM LIFT FOR MCPHERSON TRANSMISSION PURCHASE NEW 10LB TAPPING MACHINE AND TOOLS	26,729.50 Active 9,191.93 In Service	In Service In Service	3/15/2016 2/3/2016	28,934.50 11,989.41
051.092.3721.010054	2015-BLANKET WORK ORDER FOR TOOL PURCHASES	102,269.66 In Service	In Service	1/5/2016	102,269.66
051.092.3741.010017 051.092.3761.010053	TO PURCHASE PIPEUNE LOCATING EQUIPMENT TOOL BLANKET	5,811.48 Active 1,123.57 Active	Active Active	Active Active	11,987.33 1,123.57
051.092.3761.010054 051.092.3761.010055	PURCHASE FC300 HANDHELD RADIO, AC POWER SUPPLY,CORD, DOCK AND ANNUAL MAINTENANCE TOOL BLANKET	5,845.03 Active 30,318.18 Active	Active Active	Active Active	5,845.03 30,318.18
051.092.3872.010005	TOOLS BLANKET - BARTLESVILLE	4,470.26 In Service	In Service	12/31/2015	4,470.26
051.092.3892.010008 051.093.3021.010073	TOOLS BLANKET - MIAMI 2015 LIGHT DUTY SPEC APV2 2 PASSENGER CARGO VAN	14,393.89 In Service 6.12 Active	In Service Active	12/31/2015 Active	14,393.89 6.12
051.093.3021.010074	2015 UGHT DUTY SPEC APV2 2 PASSENGER CARGO VAN	6.12 Active	Active	Active	6.12
051.093.3021.010075 051.093.3021.010076	2015 LIGHT DUTY SPEC APV2 2 PASSENGER CARGO VAN 2015 LIGHT DUTY SPEC C1160EX, GS108 1TON CREW CAB & CHASSIS 4X4	6.12 Active 44,070.17 In Service	Active In Service	Active 1/27/2016	6.12 58.679.39
051.093.3021.010077	2015 LIGHT DUTY SPEC C1160EX, GS108 1TON CREW CAB & CHASSIS 4X4	43,885.61 In Service	In Service	1/27/2016	58,494.83
051.093.3021.010078 051.093.3021.010079	2015 LIGHT DUTY 5PEC C25E, GS96 3/4 TON EXT CAB 4X2 2015 LIGHT DUTY SPEC C25E, GS96 3/4 TON EXT CAB 4X2	45,686.58 In Service 45,689.94 In Service	In Service In Service	1/27/2016 1/27/2016	45,924.47 45,927,99
051.093.3021.010080	2015 LIGHT DUTY SPEC C25E, G596 3/4 TON EXT CAB 4X2	45,689.91 In Service	In Service	1/27/2016	45,927.80
051.093.3021.010081 051.093.3021.010082	2015 LIGHT DUTY SPEC C25EN, G596 3/4 TON EXT CAB 4X2 2015 LIGHT DUTY SPEC C25EN, G596 3/4 TON EXT CAB 4X2	56,416.74 In Service 56,420.68 In Service	In Service In Service	1/27/2016 1/27/2016	56,654.63 56,658.57
051.093.3021.010083	2015 LIGHT DUTY SPEC C25EN, GS96 3/4 TON EXT CAB 4X2	56,378.80 In Service	In Service	1/27/2016	56,616.69
051.093.3021.010084 051.093.3021.010085	2015 LIGHT DUTY SPEC C25EX, GS96 3/4 TON EXT CAB 4X4 2015 LIGHT DUTY SPEC C25EX, GS96 3/4 TON EXT CAB 4X4	48,520.29 In Service 48,569.37 In Service	In Service In Service	1/27/2016 1/27/2016	48,758.18 48,807.26
051.093.3021.010086 051.093.3021.010087	2015 LIGHT DUTY SPEC C25EX, GS96 3/4 TON EXT CAB 4X4 2015 LIGHT DUTY SPEC C25EX, GS96 3/4 TON EXT CAB 4X4	48,516.95 in Service 48,576.64 in Service	In Service	1/27/2016 1/27/2016	48,754.84 48.814.53
051.093.3021.010088	2015 LIGHT DUTY SPEC C25EX, GS96 3/4 TON EXT CAB 4X4	48,625.36 In Service	In Service In Service	1/27/2016	48,863.25
051.093.3021.010089 051.093.3021.010090	2015 LIGHT DUTY SPEC C25EXN, G596 3/4 TON EXT CAB 4X4 2015 LIGHT DUTY SPEC C25EXN, G596 3/4 TON EXT CAB 4X4	59,246.79 In Service 59,254.07 In Service	In Service In Service	1/27/2016 1/27/2016	59,484.68 59,491.96
051.093.3021.010091	2015 LIGHT DUTY SPEC C25EXN, GS96 3/4 TON EXT CAB 4X4	59,254.01 In Service	In Service	1/27/2016	59,491.90
051.093.3021.010094 051.093.3021.010095	2015 LIGHT DUTY SPEC P1SEN 1/2 TON EXT CAB 4X2 2015 LIGHT DUTY SPEC P1SEN 1/2 TON EXT CAB 4X2	39,287.41 In Service 39,607.65 In Service	In Service In Service	1/26/2016 2/26/2016	39,287.41 39,845.54
051.093.3021.010096	2015 LIGHT DUTY SPEC PISEN 1/2 TON EXT CAB 4X2	39,450.62 In Service	In Service	1/26/2016	39,688.51
051.093.3021.010097 051.093.3021.010098	2015 LIGHT DUTY SPEC P1SEN 1/2 TON EXT CAB 4X2 2015 LIGHT DUTY SPEC P1SEN 1/2 TON EXT CAB 4X2	37,678.66 In Service 37,622.32 In Service	In Service In Service	1/26/2016 1/26/2016	37,916.55 37,860.21
051.093.3021.010099	2015 LIGHT DUTY SPEC P15EN 1/2 TON EXT CAB 4X2	39,570.28 In Service	In Service	1/26/2016	39,808.17
051.093.3021.010100 051.093.3021.010101	2015 LIGHT DUTY SPEC P1SEN 1/2 TON EXT CAB 4X2 2015 LIGHT DUTY SPEC P1SEN 1/2 TON EXT CAB 4X2	36,682.01 In Service 37,548.89 In Service	In Service In Service	1/26/2016 1/26/2016	36,919.90 37,548.89
D51.093.3021.010102	2015 LIGHT DUTY SPEC P15EN 1/2 TON EXT CAB 4X2	39,521.22 In Service	In Service	1/26/2016	39,759.11
051.093.3021.010103 051.093.3021.010104	2015 LIGHT DUTY SPEC PISEN 1/2 TON EXT CAB 4X2 2015 LIGHT DUTY SPEC PISEX 1/2 TON EXT CAB 4X4	36,642.86 In Service 32,640.84 In Service	In Service In Service	1/26/2016 1/26/2016	36,642.86 32,878.73
051.093.3021.010105 051.093.3021.010106	2015 LIGHT DUTY SPEC P15EXN 1/2 TON EXT CAB 4X4 2015 LIGHT DUTY SPEC P15EXN 1/2 TON EXT CAB 4X4	43,586.86 In Service 41,611.20 In Service	In Service	1/26/2016	43,824.75
051.093.3021.010107	2015 LIGHT DUTY SPEC P15EXN 1/2 TON EXT CAB 4X4	43,583.51 In Service	In Service In Service	1/26/2016 1/26/2016	41,849.09 43,821.40
051.093.3021.010108 051.093.3021.010109	2015 LIGHT DUTY SPEC P15EXN 1/2 TON EXT CAB 4X4 2015 LIGHT DUTY SPEC P25E 3/4 TON EXT CAB 4X2	41,945.44 In Service 32,032.65 In Service	In Service In Service	1/26/2016 1/26/2016	42,183.33 32,270.54
051.093.3021.010110	2015 LIGHT DUTY SPEC C1160EX, GS108 1TON CREW CA8 & CHASSIS 4X4	50,903.99 In Service	In Service	1/27/2016	50,903.99
051.093.3021.D10111 051.093.3021.D10112	2015 LIGHT DUTY SPEC C1160EX, GS108E 1TON CREW CAB & CHASSIS 4X4 2015 LIGHT DUTY SPEC C1160EX, GS108E 1TON CREW CAB & CHASSIS 4X4	43,216.63 In Service 43,469.30 In Service	In Service In Service	1/27/2016 1/27/2016	57,825.85 58,078.58
051.093.3021.010113	2015 LIGHT DUTY SPEC C2SE, GS96 3/4 TON EXT CAB 4X2	45,522.89 In Service	In Service	1/27/2016	45,760.78

051.093.3021.010114	2015 LIGHT DUTY SPEC C25E, G596 3/4 TON EXT CAB 4X2	45,512.89		In Service		1/27/2016	45,750.78
051.093.3021.010115	2015 LIGHT DUTY SPEC C25E, GS96 3/4 TON EXT CAB 4X2	45,451.54	In Service	In Service		1/27/2016	45,689.43
051.093.3021.010116	2015 LIGHT DUTY SPEC C25E, GS96 3/4 TON EXT CAB 4X2	45,584.05	In Service	In Service		1/27/2016	47,111.09
051.093.3021.010117	2015 LIGHT DUTY SPEC C25E, GS96 3/4 TON EXT CAB 4X2	45,544.97	In Service	In Service		1/27/2016	47,072.02
051.093.3021.010118	2015 LIGHT DUTY SPEC C25EN, G\$96 3/4 TON EXT CAB 4X2	52,338.01	In Service	In Service		1/27/2016	52,575.90
051.093.3021.010119	2015 LIGHT DUTY SPEC C25EN, G596 3/4 TON EXT CAB 4X2	56,200.65	In Service	In Service		1/27/2016	57,727.70
051.093.3021.010120	2015 LIGHT DUTY SPEC C25EX, G596 3/4 TON EXT CAB 4X4	48,517.48	In Service	In Service		1/27/2016	48,755.37
051.093.3021.010121	2015 LIGHT DUTY SPEC C25EX, G596 3/4 TON EXT CAB 4X4	48,536.64	In Service	In Service		1/27/2016	48,774.53
051.093.3021.010122	2015 LIGHT DUTY SPEC C25EX, G596 3/4 TON EXT CAB 4X4	44,710.09	In Service	In Service		1/27/2016	44,947.98
051.093.3021.010123	2015 LIGHT DUTY SPEC C25EXN, G596 3/4 TON EXT CAB 4X4	55,785.73	in Service	In Service		1/27/2016	57,312.77
051.093.3021.010124		59,188.59	In Service	In Service		1/27/2016	59,426.48
051.093.3021.010125		59,223.17	In Service	In Service		1/27/2016	59,461.06
051.093.3021.010126	2015 LIGHT DUTY SPEC P15E 1/2 TON EXT CAB 4X2	30,425.68	In Service	In Service		1/26/2016	30,663.57
051.093.3021.010127	2015 LIGHT DUTY SPEC P15E 1/2 TON EXT CAB 4X2		In Service	In Service		1/26/2016	30,703.92
051.093.3021.010128	2015 LIGHT DUTY SPEC P15E 1/2 TON EXT CAB 4X2	30,368.75	In Service	In Service		1/26/2016	30,606.64
051.093.3021.010129	2015 LIGHT DUTY SPEC P156 1/2 TON EXT CAB 4X2	28,570.29	In Service	In Service		1/26/2016	28,808.18
051.093.3021.010130	2015 LIGHT DUTY SPEC PISE 1/2 TON EXT CAB 4X2	28,570.29		In Service		1/26/2016	28,808,18
051.093.3021.010131		28,480.51		In Service			28,718.40
051.093.3021.010132	2015 LIGHT DUTY SPEC P15EN 1/2 TON EXT CAB 4X2	39,665.76		In Service		1/26/2016	39,903.65
051.093.3021.010132	2015 LIGHT DUTY SPEC P15EN 1/2 TON EXT CAB 4X2	39,672.76		In Service		1/26/2016	39,910.65
051.093.3021.010134	2015 LIGHT DUTY SPEC PISEX 1/2 TON EXT CAB 4/4	35,973.66		In Service		1/26/2016	36,211.55
051.093.3021.010135	2015 LIGHT DUTY SPEC P15K: 1/2 TON EXT CAB 4X4	32,400.41		In Service			32,400.41
051.093.3021.010136	2015 LIGHT DUTY SPEC P15K: 1/2 TON EXT CAB 4X4	32,400.41		In Service			32,400.41
051.093.3021.010137	2015 LIGHT DUTY SPEC PISEK 1/2 TON EXT CAB 4X4	35,201.69		In Service			35,201.69
051.093.3021.010137	2015 LIGHT DUTY SPEC PISEX N 1/2 TON EXT CAB 4X4	43,583.30		In Service		1/27/2016	43,821.19
051.093.3021.010138		43,579.96		In Service			43,817.85
051.093.3021.010140		41,264.89		In Service			41,502.78
	2015 LIGHT DUTY SPEC P25EX3 3/4 TON EXT CAB 4X4		In Service	In Service		1/27/2016	35,913.84
051.093.3021.010141	2015 MEDIUM DUTY SPEC C33108 FREIGHTLINER MODEL M2106 108" CA W/ GC185E BODY	538.51		Active	Active	2,2,72020	7,496.48
	2015 MEDIUM DUTY SPEC C33108 FREIGHTLINER MODEL M2106 108" CA W/ GC185E BODY	502.55		Active	Active		897.65
051.093.3021.010144	2015 MEDIUM DUTY SPEC 33120 FREIGHTUNER MODEL M2106 118" CA W/GC185 BODY	502.55		Active	Active		732.64
051.093.3021.010145	2015 LIGHT DUTY SPEC C1160X, G5108E REG CAB DUAL REAR WHEEL 3500 4X4 DIESEL CHASSIS		In Service	In Service		1/28/2016	55,967.80
051.093.3021.010146		41,069.07		In Service		1/28/2016	55,678.35
051.093,3021.010147	2013 LIGHT DUTY SPEC C25EX-GS06 2500 EXT CAB 4X4 WITH SERVICE BODY	43,589.61		In Service		1/28/2016	45,116.66
051.093.3021.010148	2015 LIGHT DUTY SPEC C25EX-G396 2500 EXT CAB 4X4 WITH SERVICE BODY			In Service			44,872.33
051.093.3021.010149	2015 LIGHT DUTY SPEC C25E-C596 2500 EXT CBB WITH SERVICE BODY		in Service	In Service		1/28/2016	42,317.83
051.093.3021.010150			in Service	In Service		1/28/2016	42,317.80
051.093.3021.010151	2015 LIGHT DUTY SPEC C25E-G596 2500 EXT CAB WITH SERVICE BODY 2015 LIGHT DUTY SPEC C25E-G596 2500 EXT CAB WITH SERVICE BODY		in Service	In Service		1/28/2016	43,606.59
051.093.3021.010152			In Service	In Service		1/28/2016	54,490.58
051.093.3021.010153	2015 LIGHT DUTY SPEC C25EXN-GS96 2500 EXT CAB 4X4 WITH SERVICE BODY WITH CNG		In Service	In Service		1/28/2016	51,755.43
051.093.3021.010154	2015 LIGHT DUTY SPEC C25EN-G596 2500 EXT CAB WITH SERVICE BODY WITH CNG	16,915.30		In Service		4/29/2016	16,915.30
051.099.3000.010012	PLC Alarm Management		In Service	In Service		4/29/2016	39.213.75
051.101.3000.010026	Banner PCR 2014 changes	39,213.73	III SCI VICE	an service		4/23/2010	35,213.73

Docket Number 16-KGSG-491-RTS Information Request

Data Request: 16-491 KCC-317

Company Name: Kansas Gas Service, a Division of ONE Gas, Inc.

Request Date: 7/21/16

Date Information Needed: 7/28/2016

Requested By: Bill Baldry

Page 1of 1

Please provide the following:

lease provide, for the years 2003 to the present, the following information in columnar format. Please present all information in a fashion that allows the separate identification of Pension and OPEB amounts. All information should be presented fully allocated to KGS levels.

In Column A: The Minimum required funding levels for each year pursuant to whatever law was in effect at the time for the Pension and OPEB plans.

In Column B: The maximum amount of tax deductible Pension and OPEB contributions for each year.

In Column C: The actual contributions to the Pension and OPEB funds for each year.

In Column D: The pension and OPEB expense booked for each year pursuant to GAAP expense rules in effect at the time.

In Column E: The amount of Pension and OPEB expense included in Rates for each year.

See attachment KCC-317 Attachment for the requested schedule.

Prepared by: Mark W. Smith

Verification of Response

I have read the foregoing Information Request and answer(s) thereto and find answer(s) to be true, accurate, full and complete and contain no material misrepresentations or omissions to the best of my knowledge and belief; and I will disclose to the Commission Staff any matter subsequently discovered which affects the accuracy or completeness of the answer(s) to this Information Request.

Signed: 1021/28/16

										-	ENSION										
		Α		В		С								D							E
	Minimum Required Funding Levels (net of carryover)		Deductible Amour		(Actual Contributions	GAA	(1) IP Expense per actuary	Okla	(2) shoma exclusion		3) lization	(ne	l) Pension Cost et of OX exclustion and capitalization) 4= 1+ 2 + 3	Defe	(5) erred Expense	A	(6) Amortization	oked Expense = 4 + 5 + 6	does	ected in Rates not include collection or refund of the mortization in (6)
2009	\$	8,968,555	\$	33,689,920	\$	26,564,016	\$	8,210,320	\$	(387,067)	\$ (2,420,331)	\$	5,789,989	\$	(2,485,323)			\$ 2,917,598	\$	3,304,666
2010	\$	15,105,659	\$	33,501,067	\$	32,525,080	\$	8,717,802	\$	(412,878)	\$ (2,173,399)	\$	6,131,526	\$	(2,826,860)			\$ 3,304,666	\$	3,304,666
2011	\$	24,259,387	\$	20,911,370	\$	20,609,551	\$	10,781,676	\$	(497,722)	\$ (2,700,567)	\$	7,583,388	\$	(4,278,722)			\$ 3,304,666	\$	3,304,666
2012	\$	-	\$	28,479,419	\$	29,350,386	\$	12,351,326	\$	(549,403)	\$ (3,099,185)	\$	8,702,738	\$	(5,398,072)			\$ 3,304,666	\$	3,304,666
2013	\$	-	\$	- 1	\$	-	\$	17,645,596	\$	(782,277)	\$ (4,431,680)	\$	12,431,638	\$	(3,728,900)	\$	2,997,795	\$ 11,700,534	\$	8,702,738
2014	\$	-	\$	-	\$	- 1	\$	10,590,175	\$	(467,807)	\$ (2,821,104)	\$	7,301,264	\$	(1,598,526)	\$	2,997,795	\$ 8,700,533	\$	5,702,738
2015	\$		\$		\$_		\$	13,660,796	\$	(597,154)	\$ (3,844,630)	\$	9,219,012	\$	(3,516,274)	\$	2,997,795	\$ 8,700,533	\$	5,702,738

	OPEB												
	Α	В	С				D				E		
	Minimum Required Funding Levels	Maximum Tax Deductible Amount	Actual Contributions	(1) GAAP Expense per actuary	(2) Oklahoma exclusion	() () () ()		Booked Expense = 4 + 5 + 6	Collected in Rates does not include collection or refund of the amortization in (6)				
2009	\$ -	\$ 22,474,790	\$ 10,648,258	\$ 13,849,315	\$ (652,912)	\$ (3,429,745)	\$ 9,766,658	\$ (840,344)		\$ 8,926,314	\$ 8,926,313		
2010	\$ -	\$ 16,597,985	\$ 9,469,805	\$ 10,834,338	\$ (513,117)	\$ (2,701,063)	\$ 7,620,157	\$ 1,306,156		\$ 8,926,313	\$ 8,926,313		
2011	\$ -	\$ 14,419,223	\$ 9,797,645	\$ 10,469,365	\$ (483,304)	\$ (2,622,340)	\$ 7,363,721	\$ 1,562,592		\$ 8,926,313	\$ 8,926,313		
2012	\$ -	\$ 10,745,869	\$ 10,031,161	\$ 11,215,303	\$ (498,872)	\$ (2,814,135)	\$ 7,902,297	\$ 1,024,017		\$ 8,926,314	\$ 8,926,313		
2013	\$ -	\$ -	\$ 6,170,260	\$ 6,359,365	\$ (281,928)	\$ (1,597,150)	\$ 4,480,287	\$ 3,422,010	\$ (610,484)	\$ 7,291,813	\$ 7,902,297		
2014	\$ -	\$ -	\$ 6,924,360	\$ 6,387,386	\$ (282,154)	\$ (1,701,528)	\$ 4,403,703	\$ 3,498,593	\$ (610,484)	\$ 7,291,812	\$ 7,902,297		
2015	\$	\$ 12,373,837	\$ 8,875,291	\$ 6,090,376	\$ (266,229)	\$ (1,714,047)	\$ 4,110,101	\$ 3,792,195	\$ (610,484)	\$ 7,291,812	\$ 7,902,297		

Docket Number 16-KGSG-491-RTS Information Request

Data Request: 16-491 KCC-335

Company Name: Kansas Gas Service, a Division of ONE Gas, Inc.

Request Date: 7/26/2016

Date Information Needed: 8/02/2016

Requested By: Chad Unrein

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Please provide the following:

Of the \$1,942,190 of projects listed in Attachment B of Staff Data Request 26, please provide the projects that were inservice as of June 30, 2016. Please include when the project was placed in-service and the amount of each project.

Please see "KCC-335 Attachment.xlsx" containing the in-service dates and amounts as of June 30, 2016 for projects listed in "KCC-026 Attachment B.xlsx".

Prepared by: Crystal Turner

Verification of Response

I have read the foregoing Information Request and answer(s) thereto and find answer(s) to be true, accurate, full and complete and contain no material misrepresentations or omissions to the best of my knowledge and belief; and I will disclose to the Commission Staff any matter subsequently discovered which affects the accuracy or completeness of the answer(s) to this Information Request.

Date: August 2, 2016

KANSAS GAS SERVICE, A DIVISION OF ONE GAS, INC. Docket No. 16-KGSG-491-RTS

Data Request No. 335

KCC-335 Attachment

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	A	В	C	D	E	F	G	н	1
H		В				<u> </u>		.,	· ·
_	ONE Gas								
_	Corporate CWIP included in the Application								
-3-	As of June 30, 2016								
-4-							Corporate		
					Corporate		Unallocated In-		KGS Allocated
					Unallocated		Service		In-Service
				In Service as of	Amount as of		Amount as of	Allocation	Amount as of
ا ا	utility_account	work_order_number	work_order_long_desc	06/30/2016		In Service Date	6/30/2016	%	6/30/2016
	390.1 - Structures and Improvements	101.094.1717.010001	OVERLAND PARK MISSION SC PARKING LOT REPLACEMENT	Yes	99,612	3/21/2016		100%	99,612
_	390.1 - Structures and Improvements	101.094.1717.010001	TOPEKA FLEET GARAGE PARKING LOT REPLACEMENT	Yes	63,232	3/21/2016		100%	63,232
_	390.1 - Structures and Improvements	101.094.1717.010002	TOPEKA INFO CENTER PARKING LOT REPLACEMENT	Yes	125,520	3/21/2016		100%	125,520
	390.1 - Structures and Improvements	101.094.1717.010003	TOPEKA SC PARKING LOT REPLACEMENT	Yes	125,111	3/21/2016	<u> </u>	100%	125,111
	390.1 - Structures and Improvements	101.094.1717.010004	WICHITA FLEET GARAGE EXHAUST SYSTEM	Yes	23,044	4/22/2016	23,044	100%	23,044
_		101.094.1717.010003	WICHITA FLEET GARAGE EXHAUST STSTEM	Yes	97,223	3/21/2016		100%	97,223
	390.1 - Structures and Improvements 390.1 - Structures and Improvements Total	101.054.1717.010006	WICHITA JERVICE CENTER FARRING	103	533,742	3,21,2010	37,223	10070	533,742
-		101.097.0101.010007	CONSTRUCTION FOR 2ND FLOOR FTP	Yes	1,246,006	6/2/2016	2,162,355	32.61%	705,144
_	390.2 - Leasehold Improvements	101.097.0101.010007	ONE GAS BASEMENT BUILD OUT FOR RECORDS INFORMATION MANAGEMENT	Yes	7,861	4/19/2016		32.61%	2,564
_	390.2 - Leasehold Improvements	101.097.1717.010002	ONE GAS NEW OFFICE BUILD OUT 19TH FLOOR	Yes	1,613	4/19/2016		32.61%	526
_		101.097.1717.010004	ONE GAS NEW OFFICE BOILD OUT 19TH FLOOR ONE GAS FTP CYBER SERURITY CAMERA	Yes	31,111	4/19/2016		32.61%	10,145
	390.2 - Leasehold Improvements Total	101.097.1717.010000	ONE GAS FIF CIBER SERORITI CAMILINA	1103	1,286,591	4) 13) 2010	31,111	32.0270	718,379
		101.091.1717.010001	AUDIO VIDEO SYSTEM UPGRADES - OVERLAND PARK DIVISION OFFICE	Yes	96,352	4/4/2016	96,352	100%	96,352
	391.1 - Office Furniture & Fixtures	101.091.1717.010001	NEW VERTICAL DESK 28TH FLOOR 2858	Yes	2,065	4/19/2016		32.61%	674
		101.091.1717.010004	AUDIO VIDEO SYSTEM REPLACEMENTS MULTIPLE LOCATIONS	Active	43,638	4,13,2010	2,003	32.61%	-
		101.091.1717.010003	FPT VERTICAL WORKSTATIONS	Yes	36,986	4/19/2016	36,986	32.61%	12,061
	391.1 - Office Furniture & Fixtures 391.1 - Office Furniture & Fixtures Total	101.091.1717.010012	FFT VERTICAL WORKSTATIONS	163	179,041	4,13,2010	30,300	32.027	109,086
_		101.100.1502.010022	INCREASE DS8K STORAGE ARRAYS	Yes	32,371	1/14/2016	32,371	32.61%	10,556
_	391.6 - Purchased Software	101.100.1502.010022	SERVICE NOW FOUNDATION	Yes	12,123	1/14/2016		32.61%	3,953
_		101.100.1502.010023	CUSTOMER FIRST PROGRAM PHASE I	Active	773,220	2,21,2020		32.61%	-
26		101.100.1502.010024	SCADA IMPROVEMENTS	Active	27,573			32.61%	-
		101.101.1502.010025	ONE GAS CSSP MOBILE APP	Yes	54,720	1/14/2016	54,720	32.61%	17,844
28		101.101.1502.010008	ENTERPRISE CONTENT MANAGEMENT	Active	681,117	1,1-1,2010	31,720	32.61%	
	391.6 - Purchased Software	101.101.1502.010019	WEBSITE NEXT	Active	132,898			32.61%	-
_	391.6 - Purchased Software	101.101.1502.010019	AP ENHANCEMENTS	Active	328,829			32.61%	
31	391.6 - Purchased Software	101.101.1502.010027	AUTOSOL ACM	Active	40,133			32.61%	-
	391.6 - Purchased Software 391.6 - Purchased Software	101.101.1912.010027	PROGRAM MANAGEMENT OFFICE 2014	Yes	621	1/14/2016	621	32.61%	202
$\overline{}$	391.6 - Purchased Software 391.6 - Purchased Software	101.101.1912.010001	LEVERAGING GIS PHASE I	Yes	565	1/14/2016		32.61%	184
_	391.6 - Purchased Software 391.6 - Purchased Software	101.101.1912.010003	WORK MGMT - M&I (MAXIMO)	Yes	328,000	1/14/2016		32.61%	106,961
_	391.6 - Purchased Software 391.6 - Purchased Software	101.101.1912.010004	FIELD ENABLEMENT PH2 M&I (CAP)	Yes	1,496	1/14/2016		32.61%	488
36	391.6 - Purchased Software 391.6 - Purchased Software Total	101.101.1912.010005	FIELD ENABLEMENT FITZ IMAN (CAF)	163	2,413,665	1,14,2010	1,450	32.01/0	140,189
_		101.098.1717.010001	CALISTA RADIO TOWER REMOVAL	Yes	34,500	4/19/2016	34,500	100%	34,500
38	397.0 - Communication Equipment	101.038.1717.010001	CALISTA RADIO TOWER REIVIOVAL	163	34,500	4/15/2010	34,300	100/3	34,500
38	397.0 - Communication Equipment Total				4,447,540		3,336,481		1,535,896
-	Grand Total	1		1	4,447,340		3,330,461		2,333,630
40									
41			New 4-1/CC						-
l			Note 1: KGS removal costs in CWIP as of Dec. 2015. Adjusted out of CWIP and						
			credited to the Accumulated Reserve in filing. See FERC Account 397.0 -						
١.,			Communication Equipment, Work Order #101.098.1717.010001. Included in						(34,500
42			Adjustment ADA 2. Corporate Assets and Accumulated Reserve KGS Total Allocated to KGS. Included in						(34,500
1									1,501,396
43			Adjustment PLT 3.	1					1,501,396

Docket Number 16-KGSG-491-RTS Information Request

Data Request: 16-491 KCC-338

Company Name: Kansas Gas Service, a Division of ONE Gas, Inc.

Reguest Date: 7/27/2016

Date Information Needed: 8/03/2016 Requested By: Andria Jackson

Page lof 1

Please provide the following:

In regards to the response to Staff Data Request No. 267, please provide a detailed narrative explaining why KGS's gas storage inventory balances have decreased significantly since 2015.

The reduced price paid for natural gas during the injection season is the reason gas storage inventory balances declined for the thirteen month average balance as of June, 2016 compared with the corresponding average balance for the twelve month period ending December, 2015.

While gas costs continue to remain relatively low by historical standards, we do not believe the thirteen month average balance at June 2016 is reflective of ongoing balances of gas in storage.

The table below identified the average gas in storage balances over the past ten year, five year, test year and twelve months ending June, 2016:

Ten Year Avg Gas in Storage 2006 - 2015	\$ 54,802,065
Five Year Avg Gas in Storage - 2011 - 2015	37,840,365
Test Year Average	30,779,589
Average July 2015 - June 2016	27,204,001

The test period average balance of \$30,779,589 is a reasonable level of gas in storage to reflect in rate base.

Attached as "KCC 338 Attachment A" is support demonstrating that storage injection prices are expected to rise significantly from the low injection prices occurring in the 2015 and 2016 season. The projected injection prices may be reasonably estimated as they are based upon NYMEX futures prices, adjusted downward for basis differences. As shown within the Injection Pricing support tab within "KCC 338 Attachment A", the monthly increase per MCF for injection pricing is in the range of \$.15 - \$1.27 for the April – October 2017 time frame. The expected increase in injection costs in September 2016 vs. September 2015 is approximately \$.20/MCF.

The test period average balance contained in the application of \$30.78M is arguably conservative when compared with historic averages as referenced in the information above.

Prepared by: David Dittemore

Verification of Response

I have read the foregoing Information Request and answer(s) thereto and find answer(s) to be true, accurate, full and complete and contain no material misrepresentations or omissions to the best of my knowledge and belief; and I will disclose to the Commission Staff any matter subsequently discovered which affects the accuracy or completeness of the answer(s) to this Information Request.

Signed:	Long	Eath	
Date:	8/3/16_		

KCC 338 Attachment A KGS 2016 Gas Storage In Inventory - Account 164.1 13 month Ending Balances and Averages Source: BPC Report

Ten Year Avg Gas in Storage 2006 - 2015	\$ 54,802,065
Five Year Avg Gas in Storage - 2011 - 2015	37,840,365
Test Year Average	30,779,589
Average July 2015 - June 2016	27,204,001

2006		2007	2008	2009	2010	
Year	Amount Per Book	Year Amount Per Book	Year Amount Per Book	Year Amount Per Book	Year Amount Per Book	
DEC, 2005	97,875,096.43	DEC, 2006 103,501,504.44	DEC, 2007 77,076,584.82	DEC, 2008 98,054,083.48	DEC, 2009 42,317,776.60	
JAN, 2006	111,263,280.78	JAN, 2007 59,879,765.74	JAN, 2008 63,036,969.36	JAN, 2009 58,942,740.81	JAN, 2010 33,320,476.07	
FEB, 2006	79,820,296.19	FE8, 2007 35,343,114.01	FEB, 2008 26,049,173.78	FEB, 2009 41,234,138.32	FEB, 2010 16,601,162.05	
MAR, 2006	70,522,579.68	MAR, 2007 61,049,762.82	MAR, 2008 31,905,133.83	MAR, 2009 32,699,700.49	MAR, 2010 19,199,990.10	
APR, 2006	71,813,183.87	APR, 2007 56,303,494.56	APR, 2008 29,414,103.52	APR, 2009 30,228,234.32	APR, 2010 25,682,922.65	
MAY, 2006	77,502,200.81	MAY, 2007 63,910,920.53	MAY, 2008 53,531,173.97	MAY, 2009 35,214,456.57	MAY, 2010 31,843,730.67	
JUN, 2006	79,884,644.55	JUN, 2007 79,444,947.24	JUN, 2008 78,063,499.60	JUN, 2009 40,378,899.35	JUN, 2010 40,636,175.73	
JUL, 2006	91,714,644.43	JUL, 2007 92,266,900.32	JUL, 2008 114,270,759.26	JUL, 2009 48,252,896.67	JUL, 2010 51,863,281.85	
AUG, 2006	106,043,302.43	AUG, 2007 101,818,889.20	AUG, 2008 131,533,304.77	AUG, 2009 53,789,718.30	AUG, 2010 61,232,444.08	
SEP, 2006	125,193,746.02	SEP, 2007 107,087,895.60	SEP, 2008 147,061,150.07	SEP, 2009 58,335,746.36	SEP, 2010 68,086,486.81	
OCT, 2006	106,699,097.15	OCT, 2007 113,577,444.26	OCT, 2008 150,547,020.25	OCT, 2009 55,383,830.56	OCT, 2010 74,677,971.17	
NOV, 2006	111,632,694.20	NOV, 2007 113,282,091.28	NOV, 2008 132,854,710.12	NOV, 2009 59,528,881.46	NOV, 2010 65,675,586.22	
DEC, 2006	103,501,504.44	DEC, 2007 77,076,584.82	DEC, 2008 98,054,083.48	DEC, 2009 42,317,776.60	DEC, 2010 47,738,365.19	
	TOTAL 1,233,466,270.98	TOTAL 1,064,543,314.82	TOTAL 1,133,397,666.83	TOTAL 654,361,103.29	TOTAL 578,876,369.19	

13 Month Avg.	94,882,020.84	13 Month Avg. 81,887,947.29	13 Month Avg. 87,184,435.91	13 Month Avg. 50,335,469.48	13 Month Avg. 44,528,951.48	
2011		2012	2013	2014	2015	2016 June 13 ME
Year	Amount Per Book	Year Amount Per Book	Year Amount Per Book	Year Amount Per Book	Year Amount Per Book	Year Amount Per Book
DEC, 2010	47,738,365.19	DEC, 2011 52,376,277.46	DEC, 2012 47,925,280.39	DEC, 2013 43,213,642.59	DEC, 2014 47,778,181.15	JUN, 2015 25,587,310.82
JAN, 2011	28,824,980.40	JAN, 2012 40,081,271.25	JAN, 2013 24,893,845.62	JAN, 2014 24,839,991.04	JAN, 2015 35,087,177.33	JUL, 2015 31,991,337.48
FEB, 2011	15,668,565.52	FEB, 2012 27,390,492.01	FEB, 2013 13,006,425.62	FEB, 2014 15,457,672.60	FEB, 2015 14,240,348.35	AUG, 2015 37,141,614.27
MAR, 2011	10,380,273.28	MAR, 2012 32,254,884.80	MAR, 2013 9,397,546.83	MAR, 2014 11,140,924.09	MAR, 2015 13,936,281.63	SEP, 2015 40,909,265.24
APR, 2011	20,087,756.90	APR, 2012 31,369,953.59	APR, 2013 13,649,961.55	APR, 2014 16,795,993.67	APR, 2015 15,194,179.17	OCT, 2015 42,994,098.58
MAY, 2011	28,534,215.92	MAY, 2012 31,794,885.93	MAY, 2013 24,991,019.28	MAY, 2014 28,276,604.69	MAY, 2015 20,265,193.43	NOV, 2015 41,212,830.89
JUN, 2011	37,836,401.85	JUN, 2012 34,162,805.12	JUN, 2013 34,483,731.47	JUN, 2014 38,646,273.66	JUN, 2015 25,587,310.82	DEC, 2015 33,796,837.22
JUL, 2011	46,552,666.97	JUL, 2012 38,849,427.06	JUL, 2013 42,457,674.32	JUL, 2014 47,331,569.65	JUL, 2015 31,991,337.48	JAN, 2016 19,710,408.03
AUG, 2011	56,392,982.59	AUG, 2012 44,834,951.88	AUG, 2013 49,870,597.28	AUG, 2014 56,287,636.44	AUG, 2015 37,141,614.27	FEB, 2016 15,282,267.46
SEP, 2011	63,781,370.25	SEP, 2012 48,784,366.11	SEP, 2013 55,484,770.66	SEP, 2014 62,391,976.22	SEP, 2015 40,909,265.24	MAR, 2016 14,743,078.43
OCT, 2011	65,403,885.65	OCT, 2012 50,775,767.53	OCT, 2013 59,479,134.88	OCT, 2014 66,359,299.75	OCT, 2015 42,994,098.58	APR, 2016 14,720,571.47
NOV, 2011	61,418,589.92	NOV, 2012 49,833,901.42	NOV, 2013 55,340,090.93	NOV, 2014 61,345,006.93	NOV, 2015 41,212,830.89	MAY, 2016 16,039,438.44
DEC, 2011	52,376,277.46	DEC, 2012 47,925,280.39	DEC, 2013 43,213,642.59	DEC, 2014 47,778,181.15	DEC, 2015 33,796,837.22	JUN, 2016 19,522,959.88
	TOTAL 534,996,331.90	TOTAL 530,434,264.55	TOTAL 474,193,721.42	TOTAL 519,864,772.48	TOTAL 400,134,655.56	TOTAL 353,652,018.21
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KCC 338 Attachment A
KGS 2016
Injection Pricing - Actual and Estimated

Injection Season		2014		2015	2016	2017
April	\$	4.330	\$	2.220	\$ 1.610	\$ 2.880 Est
May	\$	4.445	\$	2.240	\$ 1.778	\$ 2.760 Est
June	\$	4.240	\$	2.560	\$ 1.788	\$ 2.819 Est
July	\$	4.260	\$	2.540	\$ 2.573	\$ 2.865 Est
August	\$	3.610	\$	2.690	\$ 2.675 Est	\$ 2.871 Est
September	\$	3.780	\$	2.430	\$ 2.659 Est	\$ 2.836 Est
October	\$	3.750	\$	2.410	\$ 2.692 Est	\$ 2.845 Est
7 month Avg	\$	4.059	\$	2.441	\$ 2.253	\$ 2.839
Withdrawl Season	Ma	rch 2015	March 2016			
% Ending Inventor	У	20.70%		32.30%		

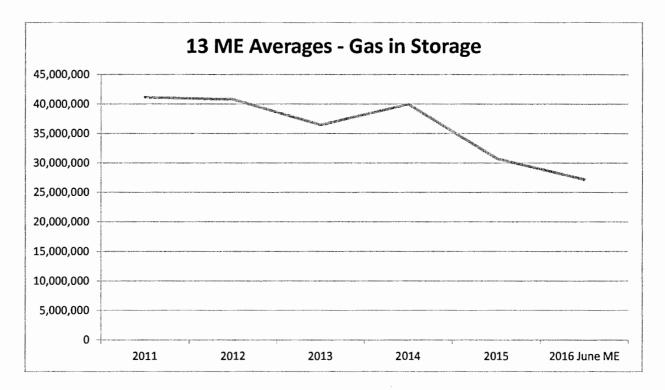
KCC 338 Attachment A
KGS 2016
Development of Estimated Injection Pricing

7/29/2016

								2015-2016	Higher Injection Costs	Planned Injections		High injection costs	
2016-2017	NYMEX HH	NGPL Basis	PEPL Basis	ANR Basis	SSCGP Basis	Basis Average	4 Pipeline Avg	4 Pipeline Avg	2017 Vs. 2016 per mcf	Mcf	2	2016 Vs. 2017	
September	\$2.876	(\$0.188)	(\$0.238)	(\$0.215)	(\$0.229)	(\$0.218)	\$2.659	\$2.438					
October	\$2.917	(\$0.189)	(\$0.247)	(\$0.228)	(\$0.237)	(\$0.225)	\$2.692	\$2.403					
November	\$3.070	(\$0.133)	(\$0.190)	(\$0.166)	(\$0.166)	(\$0.164)	\$2.906	\$1.910					
December	\$3.320	(\$0.088)	(\$0.113)	(\$0.082)	(\$0.082)	(\$0.091)	\$3.229	\$2.100					
January	\$3.436	(\$0.078)	(\$0.106)	(\$0.064)	(\$0.064)	(\$0.078)	\$3.358	\$2.118					
February	\$3.418	(\$0.076)	(\$0.102)	(\$0.064)	(\$0.064)	(\$0.077)	\$3.342	\$2.043					
March	\$3.360	(\$0.138)	(\$0.195)	(\$0.154)	(\$0.154)	(\$0.160)	\$3.200	\$1.505					
April	\$3.070	(\$0.166)	(\$0.217)	(\$0.18 1)	(\$0.197)	(\$0.19 0)	\$2.880	\$1.610	\$1.270	2,212,953	\$	2,809,897.07	
May	\$3.036	(\$0.263)	(\$0.303)	(\$0.266)	(\$0.272)	(\$0.276)	\$2.760	\$1.778	\$0.983	2,352,315	\$	2,311,149.49	
June	\$3.066	(\$0.228)	(\$0.273)	(\$0.238)	(\$0.249)	(\$0.247)	\$2.819	\$1.788	\$1.032	2,287,087	\$	2,359,130.24	
July	\$3.095	(\$0.208)	(\$0.255)	(\$0.224)	(\$0.232)	(\$0.230)	\$2.865	\$2.573	\$0.293	2,122,923	\$	621,485.71	
August	\$3.104	(\$0.211)	(\$0.255)	(\$0.234)	(\$0.232)	(\$0.233)	\$2.871	\$2.480	\$0.391	1,946,223	\$	760,973.19	
September	\$3.084	(\$0.226)	(\$0.275)	(\$0.241)	(\$0.252)	(\$0.249)	\$2.836	\$2.659	\$0.177	1,619,587	\$	285,857.11	
October	\$3.108	(\$0.251)	(\$0.295)	(\$0.238)	(\$0.267)	(\$0.263)	\$2.845	\$2.692	\$0.153	1,184,655	\$	181,548.38	
November	\$3.163	(\$0.111)	(\$0.153)	(\$0.119)	(\$0.168)	(\$0.138)	\$3.025						
December	\$3.294	(\$0.082)	(\$0.101)	(\$0.124)	(\$0.135)	(\$0.111)	\$3.184						
										13,725,743	\$	9,330,041.19	

Increase in average cost
Per Mcf 2017 Vs. 2016 \$ 0.68

KGS 2016 13 ME Averages: Gas In Storage - 164.1 2011-2016 June 13 ME



CERTIFICATE OF SERVICE

16-KGSG-491-RTS

I, the undersigned, hereby certify that a true and correct copy of the above and foregoing document was served by electronic service on this 7th day of September, 2016, to the following:

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Della Smith

Administrative Specialist