Exhibit No.:Issue:DepreciationWitness:John J. SpanosType of Exhibit:Direct TestimonySponsoring Party:Laclede Gas CompanyCase No.:GR-2010-Date TestimonyPrepared:December 4, 2009

LACLEDE GAS COMPANY

GR-2010-

DIRECT TESTIMONY

OF

JOHN J. SPANOS

DIRECT TESTIMONY OF JOHN J. SPANOS

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LIST OF DEPRECIATIONS STUDIES SCHEDULE JJS-1 SCHEDULE JJS-2 SCHEDULE JJS-3

I. INTRODUCTION

Q.	Please state your name and address.
Α.	My name is John J. Spanos. My business address is 207 Senate Avenue,
	Camp Hill, Pennsylvania, 17011.
Q.	Are you associated with any firm?
Α.	Yes. I am associated with the firm of Gannett Fleming, Inc.
Q.	How long have you been associated with Gannett Fleming, Inc.?
Α.	I have been associated with the firm since college graduation in June 1986.
Q.	What is your position with the firm?
Α.	I am Vice President of its Valuation and Rate Division.
Q.	What is your educational background?
Α.	I have Bachelor of Science degrees in Industrial Management and
	Mathematics from Carnegie-Mellon University and a Master of Business
	Administration from York College.
Q.	Do you belong to any professional societies?
Α.	Yes. I am a member of the Society of Depreciation Professionals and the
	American Gas Association/Edison Electric Institute Industry Accounting
	Committee.
Q.	Do you hold any special certification as a depreciation expert?
Α.	Yes. The Society of Depreciation Professionals has established national
	standards for depreciation professionals. The Society administers an
	examination to become certified in this field. I passed the certification exam
	in September 1997 and was recertified in August 2003 and February 2008.
	 A. Q. A. Q. A. Q. A. Q. A. Q. A. Q. Q. Q. Q. Q.

Q. Have you received any additional education relating to utility plant depreciation?

A. Yes. I have completed the following courses conducted by Depreciation Programs, Inc.: "Techniques of Life Analysis," "Techniques of Salvage and Depreciation Analysis," "Forecasting Life and Salvage," "Modeling and Life Analysis Using Simulation" and "Managing a Depreciation Study." I have also completed the "Introduction to Public Utility Accounting" program conducted by the American Gas Association.

9

Q. Please outline your experience in the field of depreciation.

A. In June 1986, I was employed by Gannett Fleming Valuation and Rate
 Consultants, Inc. as a Depreciation Analyst. During the period from June
 1986 through December 1995, I assisted in the preparation of numerous
 depreciation and original cost studies for utility companies in various
 industries.

In each of these studies, I assembled and analyzed historical and simulated data, performed field reviews, developed preliminary estimates of service life and net salvage, calculated annual depreciation, and prepared reports for submission to state public utility commissions or federal regulatory agencies. I performed these studies under the general direction of William M. Stout, P.E.

In January 1996, I was assigned to the position of Supervisor of Depreciation Studies. In July 1999, I was promoted to the position of

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1 Manager, Depreciation and Valuation Studies. In December 2000, I was promoted to my present position as Vice President of Gannett Fleming 2 Valuation and Rate Consultants, Inc., now the Valuation and Rate Division 3 of Gannett Fleming, Inc. I am responsible for conducting depreciation, 4 valuation and original cost studies, including the preparation of final exhibits 5 and responses to data requests for submission to the appropriate regulatory 6 bodies. My additional duties include determining final life and salvage 7 estimates, conducting field reviews and presenting recommended 8 9 depreciation rates to management for their consideration.

Q. In total, how many depreciation studies have you performed during your career.

A. I have conducted hundreds of depreciation studies during my career for various companies in the electric, natural gas, water, telephone, pipeline and railroad industries. A list of these companies is attached to my direct testimony.

Q. Have you submitted testimony to any regulatory commissions on the subject of utility plant depreciation?

Α. I have submitted testimony to the Pennsylvania Public Utility 18 Yes. 19 Commission; the Commonwealth of Kentucky Public Service Commission; the Public Utilities Commission of Ohio; the Nevada Public Utility 20 Commission; the Public Utilities Board of New Jersey; the Missouri Public 21 Service Commission; the Massachusetts of 22 Department Telecommunications and Energy; the Alberta Energy & Utility Board; the 23 Spanos - 3

1 Idaho Public Utility Commission; the Louisiana Public Service Commission; the State Corporation Commission of Kansas; the Oklahoma Corporate 2 Commission; the Public Service Commission of South Carolina; Railroad 3 Commission of Texas – Gas Services Division; the New York Public Service 4 Commission; Illinois Commerce Commission; the Indiana Utility Regulatory 5 Commission; the California Public Utilities Commission; the Federal Energy 6 Commission ("FERC"); the 7 Regulatory Arkansas Public Service Commission; the Public Utility Commission of Texas; Maryland Public 8 9 Service Commission; Washington Utilities and Transportation Commission; The Tennessee Regulatory Commission; the Regulatory Commission of 10 Alaska; and the North Carolina Utilities Commission. 11

12 Q. What is the purpose of your testimony in this proceeding?

A. My testimony is in support of the depreciation study conducted under my
 supervision and direction for Laclede Gas Company. Based upon the
 study, I am recommending that new depreciation accrual rates be adopted
 by the Company and approved by the Commission.

17 18

II. OVERVIEW

19 Q. Please describe what you mean by the term "depreciation".

A. "Depreciation" refers to the loss in service value not restored by current maintenance, incurred in connection with the consumption or prospective retirement of utility plant in the course of service from causes which can be reasonably anticipated or contemplated, against which the Company is not **Spanos - 4** protected by insurance. Among the causes to be given consideration are
 wear and tear, decay, action of the elements, inadequacy, obsolescence,
 changes in the art, changes in demand, and the requirements of public
 authorities.

5

Q. Please explain the term "service value".

A. "Service value" is the original cost of an asset, less the net salvage value of
 the asset. The net salvage value is the gross salvage value minus the cost
 of removal or cost to retire the asset. For many types of property used in
 the utility industry, the net salvage value is negative, meaning that the cost
 to retire the asset exceeds any residual salvage value.

11 Q. What is the primary goal of establishing depreciation accrual rates?

A. Depreciation accrual rates are established and used to allocate, for accounting purposes, the cost of assets, including the cost to retire them, over their service lives. The total annual depreciation derived from the establishment of such rates is based on a system of depreciation accounting which aims to distribute the cost of fixed capital assets over the estimated useful life of the unit, or group of assets, in a systematic and rational manner.

Q. What method did you use to derive your recommended accrual depreciation rates in this case?

A. In the study that I performed for purposes of preparing my testimony, I used the straight line whole life method of depreciation, with the average service life procedure to develop recommended depreciation accrual rates. In Spanos - 5 addition, I calculated the amount required to amortize the variance between
 the book depreciation reserve and the calculated accrued depreciation or
 "theoretical reserve".

For General Plant Accounts 391.1, 391.2, 391.3, 393, 394, 395, 397 and 398; I provisionally used the straight line method of amortization. The annual amortization is based on amortization accounting which distributes the unrecovered cost of fixed capital assets over the remaining amortization period selected for each account and vintage.

9

Q. Have you prepared a report presenting the results of your study?

A. I have set forth the results of my current calculations in three tables which are identified as Schedule JJS-1 through Schedule JJS-3. A supplemental report based on additional analysis will be completed and submitted in the near future.

Q. How did you determine the recommended annual depreciation accrual rates?

- A. The determination of annual depreciation accrual rates consists of two phases. In the first phase, service life and net salvage characteristics are estimated for each depreciable group, that is, each plant account or subaccount identified as having similar characteristics. In the second phase, the annual depreciation accrual rates and accrued depreciation are calculated based on the service life and net salvage estimates determined in the first phase.
- 23

III. ESTIMATION OF SERVICE LIFE AND NET SALVAGE

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Q. Please describe the first phase of the study in which you estimated the 1 service life and net salvage characteristics for each depreciable group. 2 A. The service life and net salvage study consisted of compiling historical data 3 from records related to the Company's plant; analyzing these data to obtain 4 historical trends of survivor and salvage characteristics; obtaining 5 supplementary information from management and operating personnel 6 concerning the Company's practices and plans as they relate to plant 7 operations; and interpreting the above data to form judgments of average 8 service life and net salvage characteristics. 9

Q. What historical data did you analyze for the purpose of estimating the service life characteristics of the Company's plant?

A. Schedules JJS-1 through JJS-3 are supported by data consisting of the entries made by the Company to record plant transactions through 2003. The transactions included additions, retirements, transfers and the related balances. The Company, in accordance with my instructions, classified the data by depreciable group, type of transaction, the year in which the transaction took place, and the year in which the plant was installed.

18 Q. What method did you use to analyze this service life data?

A. I used the retirement rate method. That method is the most appropriate when aged retirement data are available, because it develops the average rates of retirement actually experienced during the period of study. Other methods of life analysis infer the rates of retirement based on a selected
 type survivor curve.

3 Q. Please describe the results of your use of the retirement rate method.

Α. Each retirement rate analysis resulted in a life table which, when plotted, 4 formed an original survivor curve. Each original survivor curve as plotted 5 6 from the life table represents the average survivor pattern experienced by 7 the several vintage groups during the experience band studied. Inasmuch as this survivor pattern does not necessarily describe the life characteristics 8 9 of the property group, interpretation of the original curves is required in order to use them as valid considerations in service life estimation. Iowa 10 type survivor curves were used in these interpretations. 11

Q. Please explain briefly what an "lowa-type survivor curve" is and how
 you use it in estimating service life characteristics for each
 depreciable group.

A. The range of survivor characteristics usually experienced by utility and industrial properties is encompassed by a system of generalized survivor curves known as the lowa type curves. The lowa curves were developed at the lowa State College Engineering Experiment Station through an extensive process of observation and classification of the ages at which industrial property had been retired.

lowa type curves are used to smooth and extrapolate original survivor
 curves determined by the retirement rate method. The lowa curves and
 truncated lowa curves were used in this study to describe the forecasted
 Spanos - 8

rates of retirement based on the observed rates of retirement and the
 outlook for future retirements.

The estimated survivor curve designations for each depreciable group 3 indicate the average service life, the family within the lowa system and the 4 relative height of the mode. For example, the Iowa 40-R2.5 indicates an 5 average service life of forty years; a right-moded, or R, type curve (the 6 mode occurs after average life for right-moded curves); and a moderate 7 height, 2.5, for the mode (possible modes for R type curves range from 1 to 8 9 5). The mode of a data set is a type of average. The mode represents the 10 value which appears most frequently in the data set.

Q. What historical data did you analyze for the purpose of estimating net salvage characteristics?

A. Schedules JJS-1 through JJS-3 are supported by data consisting of the entries made by the Company to record retirements, cost of removal and gross salvage during the period 1972 through 2003.

16 **Q.** What method did you use to analyze this net salvage data?

- A. The net salvage data were analyzed by expressing the net salvage and its two components, cost of removal and gross salvage, as percents of the original cost retired on annual, three-year moving average and most recent five-year average bases. The use of averages smooths the annual fluctuations and assists in identifying underlying trends.
- Q. Please describe the manner in which you used the analyses of net
 salvage to estimate net salvage percents.

1 Α. The results of the net salvage analyses provided indications of historical net salvage levels. The judgments of net salvage incorporated these historical 2 indications and consideration of estimates made for other gas companies. 3 IV. CALCULATION OF DEPRECIATION 4 Q. Please describe the second phase of the process that you used in 5 which you calculated annual depreciation accrual rates and accrued 6 depreciation. 7 A. After I estimated the service life and net salvage characteristics for each 8 depreciable group, I calculated annual depreciation accrual rates and 9 accrued depreciation for each group in accordance with the straight line 10 whole life method, using the average service life procedure. 11 Please describe briefly the straight line whole life method of 12 Q. depreciation that you used for depreciable property. 13 The straight line whole life method of depreciation allocates the original cost Α. 14 less net salvage in equal amounts to each year of service life. 15 In what manner do you propose to true-up the difference between the Q. 16 17 theoretical accrued depreciation that you calculated and the book 18 depreciation reserve recorded on the Company's books? Α. The difference or variance between the calculated accrued depreciation and 19 the book reserve should be amortized over a fixed time period. 20 recommend that the variance in this case be amortized over the remaining 21

service life in each account, however, not to exceed 25 years, commencing
 with the effective date of customer rates resulting from this proceeding.

Q. Please describe briefly the amortization of certain General Plant accounts.

General Plant Accounts 391.1, 391.2, 391.3, 393, 394, 395, 397 and 398 Α. 5 include a very large number of units, but represent less than two percent of 6 depreciable utility plant. Depreciation accounting is difficult for these 7 assets, inasmuch as periodic inventories are required to properly reflect 8 plant in service. In amortization accounting, units of property are capitalized 9 in the same manner as they are in depreciation accounting. However, 10 retirements are recorded when a vintage is fully amortized rather than as 11 the units are removed from service. That is, there is no dispersion of 12 retirement. All units are retired when the age of the vintage reaches the 13 14 amortization period.

15

V. DESCRIPTION OF SCHEDULES

16 **Q.** Please describe the contents of your schedules.

A. Schedule JJS-1 presents the estimated survivor curve, and net salvage percents, as analyzed through September 30, 2003, and applied to the original cost as of September 30, 2009 for determining the calculated annual depreciation accrual amount and rate and the calculated accrued depreciation for each account or subaccount. Schedule JJS-2 presents the calculated accrued depreciation, the book depreciation reserve, the unamortized balance of the previously determined variance, and the

variance calculated at September 30, 2009. Schedule JJS-3 sets forth the 1 2 calculation of the total annual depreciation expense incorporating the whole life annual depreciation accrual and the variance amortization. 3 4 **VI. RECOMMENDATION** 5 What is your recommendation regarding annual depreciation accrual Q. 6 rates for the Company? 7 I recommend that the Company use and the Commission approve a Α. 8 composite annual depreciation accrual rate for each account or subaccount. 9 My recommended depreciation accrual rates, based on the depreciation 10 study and subject to update, are set forth for each account in column 6 of 11 Schedule JJS-1. I further recommend the amortization of the variance as 12 13 shown in Column 3 of Schedule JJS-3. In my opinion, these are reasonable and appropriate depreciation accrual rates and amortization amounts for the 14 Company and should be approved by the Commission. 15 Are your recommended depreciation accrual rates reasonable for Q. 16 plant added subsequent to September 30, 2009? 17 Α. Yes. The annual depreciation accrual rates calculated as of September 30, 18 2009, can reasonably be applied to the total balance including new plant 19 additions during the next several years. 20 Does this conclude your direct testimony? 21 Q. 22 Α. Yes, it does.

John J. Spanos List of Initial Depreciation Studies Conducted for Each Client

From 1986 to 1996, I assisted in the preparation of depreciation studies for the following telephone companies: United Telephone of Pennsylvania, United Telephone of New Jersey and Anchorage Telephone Utility. I helped perform depreciation studies for the following companies in the railroad industry: Union Pacific Railroad, Burlington Northern Railroad and Wisconsin Central Transportation Corporation.

I assisted in the preparation of depreciation studies for the following organizations in the electric industry: Chugach Electric Association, The Cincinnati Gas & Electric Company ("CG&E"), The Union Light, Heat and Power Company (ULH&P), Northwest Territories Power Corporation and the City of Calgary - Electric System.

I assisted in the preparation of depreciation studies for the following pipeline companies: TransCanada Pipelines Limited, Trans Mountain Pipe Line Company Ltd., Interprovincial Pipe Line Inc., Nova Gas Transmission Limited and Lakehead Pipeline Company.

I assisted in the preparation of depreciation studies for the following gas companies: Columbia Gas of Pennsylvania, Columbia Gas of Maryland, The Peoples Natural Gas Company, T. W. Phillips Gas & Oil Company, CG&E, ULH&P, Lawrenceburg Gas Company and Penn Fuel Gas, Inc. I assisted in the preparation of depreciation studies for the following water companies: Indiana-American Water Company, Consumers Pennsylvania Water Company and The York Water Company; and depreciation and original cost studies for Philadelphia Suburban Water Company and Pennsylvania-American Water Company.

Since January 1996, I have conducted depreciation studies similar to those previously listed including assignments for Pennsylvania-American Water Company; Aqua Pennsylvania; Kentucky-American Water Company; Virginia-American Water Company; Indiana-American Water Company; Hampton Water Works Company; Omaha Public Power District; Enbridge Pipe Line Company; Inc.; Columbia Gas of Virginia, Inc.; Virginia Natural Gas Company National Fuel Gas Distribution Corporation - New York and Pennsylvania Divisions; The City of Bethlehem - Bureau of Water; The City of Coatesville Authority; The City of Lancaster - Bureau of Water; Peoples Energy Corporation; The York Water Company; Public Service Company of Colorado; Enbridge Pipelines; Enbridge Gas Distribution, Inc.; Reliant Energy-HLP; Massachusetts-American Water Company; St. Louis County Water Company; Missouri-American Water Company; Chugach Electric Association; Alliant Energy; Oklahoma Gas & Electric Company; Nevada Power Company; Dominion Virginia Power; NUI-Virginia Gas Companies; Pacific Gas & Electric Company; PSI Energy; NUI - Elizabethtown Gas Company; Cinergy Corporation - CG&E; Cinergy Corporation - ULH&P; Columbia Gas of Kentucky; SCANA, Inc.; Idaho Power Company; El Paso Electric Company; Central Hudson Gas & Electric; Centennial Pipeline Company; CenterPoint Energy-Arkansas; CenterPoint Energy – Oklahoma;

CenterPoint Energy - Entex; CenterPoint Energy - Louisiana; NSTAR - Boston Edison Company; Westar Energy, Inc.; PPL Electric Utilities; PPL Gas Utilities; Wisconsin Power & Light Company; TransAlaska Pipeline; Avista Corporation; Northwest Natural Gas; Allegheny Energy Supply, Inc.; Public Service Company of North Carolina; South Jersey Gas Company; Duquesne Light Company; MidAmerican Energy Company; Laclede Gas; Duke Energy Company; E.ON U.S. Services Inc.; Elkton Gas Services; Anchorage Water and Wastewater Utility; Duke Energy Carolinas; Duke Energy Ohio Gas; Duke Energy Kentucky; Duke Energy Indiana; Northern Indiana Public Service Company; Tennessee-American Water Company; Columbia Gas of Maryland; Bonneville Power Administration; Entergy – Arkansas; Entergy Gulf States Louisiana LLC; Entergy Louisiana LLC; Entergy Mississippi, Inc.; NSTAR Electric and Gas Company; EPCOR Distribution, Inc. and B. C. Gas Utility, Ltd. My additional duties include determining final life and salvage estimates, conducting field reviews, presenting recommended depreciation rates to management for its consideration and supporting such rates before regulatory bodies.

BEFORE THE PUBLIC SERVICE COMMISSION OF THE STATE OF MISSOURI

In the Matter of Laclede Gas Company's) Tariff to Revise Natural Gas Rate Schedules) Case No

Case No. GR-2010-____

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA) SS. COUNTY OF CUMBERLAND

John J. Spanos, of lawful age, being first duly sworn, deposes and states:

1. My name is John J. Spanos. My business address is 207 Senate Avenue, Camp Hill, Pennsylvania, 17011; and I am Vice-President of the Valuation and Rate Division of Gannett Fleming, Inc.

2. Attached hereto and made a part hereof for all purposes is my direct testimony on behalf of Laclede Gas Company.

3. I hereby swear and affirm that my answers contained in the attached testimony to the questions therein propounded are true and correct to the best of my knowledge and belief.

Subscribed and sworn to before me this 3rd day of December, 2009.

Notary Public

COMMONWEALTH OF PENNSYLVANIA Notarial Seal Cheryl Ann Rutter, Notary Public East Pennsboro TwpL, Cumberland County My Commission Expires Feb. 20, 2011

Member, Pennsylvania Association of Notaries

SCHEDULE JJS-1

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Calculated
Original Cost

	Depreciable Group	Survivor Curve	Net Salvage	Original Cost at September 30, 2009 (4)	Calculated Annual Accrual Amount (5)	ated Accrual Rate (6)=(5)/(4)	Calculated Accrued Depreciation
DEPRE	DEPRECIABLE PLANT	Ì					
MANUI	MANUFACTURED GAS PLANT - LPG						
305 307 311	Structures and Improvements Other Power Equipment	60-R0.5 30-R3	(15) (10)	1,082,676.00 159,015.00	20,793 5,825	1.92 3.66	412,000 112,595
	Equipment Equipment Storage Caverns Total Account 311	33-R1 55-S3	(5) 0	4,632,069.00 4,829,688.00 9,461,757.00	147,369 87,900 235,270	3.18 1.82 2.49	1,257,961 3,022,381 4,280,342
	Total Manufactured Gas Plant - LPG			10,703,448.00	261,887		4,804,937
UNDEI	UNDERGROUND STORAGE PLANT						
351.2 351.4	Structures and Improvements Compressor Station Other Structures <i>Total</i> Account 351	45-S1.5 55-R1.5	(15) (10)	614,207.00 1,000,691.00 1,614,898.00	15,681 20,034 35,715	2.55 2.00 2.21	449,508 528,904 978,412
352 352.2 352.3 352.4	Wells Reservoirs Non-Recoverable Gas Wells - Oil and Vent Gas <i>Total account 352</i>	90-S2.5 90-S2.5 90-S2.5 90-S2.5	(10) (10) (10)	6,128,278,00 245,023,00 6,167,263,00 741,207,00 13,281,771,00	74,826 2,992 68,457 9,050 155,325	1.22 1.12 1.11 1.22 1.22	3,133,321 111,341 914,566 293,004 4,452,232
353 354 355 355 356	Lines Compressor Station Equipment Measuring and Regulating Equipment Purification Equipment Other Equipment	70-R2.5 55-S2 50-S0.5 42-R2 20-L2.5	(20) (5) 0 0	2,885,559.00 2,411,310.00 2,013,702.00 233,043.00 61,691.00	49,516 46,080 40,274 5,824 3,085	1.72 1.91 2.00 5.00	1,476,454 1,622,677 1,002,338 170,387 28,498
	Fotal Underground Storage Plant			22,501,974.00	335,818		9,730,998

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TABLE 1. ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, AND CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO GAS PLANT AT SEPTEMBER 30, 2009

Calculated Accrued	Depreciation (7)		1,176,164 15,495	1,191,659		119,077 2,658,422 330,039 45,568 3,153,106	78,748,190 17,308,610 44,581,027 140,637,827	2,852,386 749,332	33,748,361 204,905,473 238,653,834	36,544,510 6,593,858 2,959,206 19,886 142,499	432,306,444
d ual	Rate (6)=(5)/(4)		1.50 2.33			2.75 2.30 2.50 2.31	1.50 2.25 1.64	3.71 4.20	4.31 4.13 4.14	2.56 2.82 3.35 3.32	
Calculated Annual Accrual	Amount (5)		30,208 400	30,608		6,777 184,725 14,504 2,688 208,694	3,221,582 322,525 3,802,846 7,346,953	339,147 88,512	1,665,776 18,602,321 20,268,097	3,030,488 430,659 319,718 1,230 13,335	32,046,833
Original Cost at	September 30, 2009 (4)		2,013,842.00 17,180.00	2,031,022.00		246,429.00 8,038,592.00 659,256.00 107,507.00 9,051,784.00	214,772,107.00 14,334,442.00 231,246,343.00 460,352,892.00	9,153,338.00 2,107,931.00	38,622,201.00 450,965,367.00 489,587,568.00	118,155,709.00 21,532,948.00 11,353,611.00 22,974.00 402,259.00	1,121,721,014.00
Net	Salvage (3)		(20) (5)			(10) (15) 0	(20) (80) (15)	(30) (30)	(90) (65)	0 (10) 0	
Survivor	Curve (2)		80-R2 45-S3			40-R0.5 50-R0.5 50-S0 40-R0.5	80-R2 80-S1 70-R3	35-01 31-R0.5	44-R0.5 40-R2.5	37-S1 50-R3 39-S0 13-L3 30-R0.5	
	Depreciable Group (1)	TRANSMISSION PLANT	Mains Other Equipment	Total Transmission Plant	DISTRIBUTION PLANT	Structures and Improvements District Measuring and Regulating Service Centers Garage Other Small Structures <i>Total Account 375</i>	Mains Steel Cast Iron Plastic and Copper <i>Total Account 37</i> 6	Meas and Reg Equipment - General Meas and Reg Equipment - City Gate Services	Steel Plastic and Copper <i>Total</i> Account 380	Meters House Regulator Industrial Meas and Reg Equipment Other Property on Customer Premises Other Equipment	Total Distribution Plant
		TRAN	367 371		DISTF	375	376	378 379 380		381 383 385 386 386	

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TABLE 1. ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, AND CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO GAS PLANT AT SEPTEMBER 30, 2009

(3) (5) (5) (5) (5) $(7,5)$ $(3,5)$ $(7,5)$ $(3,5)$ $(7,5)$ $(3,5)$ $(7,5)$ $(3,5)$ $(7,5)$ $(3,5)$ $(7,5)$ $(3,5)$ $(7,5)$ $(3,5)$	Depreciable Group	Survivor Curve	Net Salvage	Original Cost at September 30, 2009	Calculated Annual Accrual Amount F	Accrual Rate	Calculated Accrued Depreciation
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		(7)	(2)	(4)	(5)	(6)=(5)/(4)	(2)
$\begin{array}{cccccccccccccccccccccccccccccccccccc$							
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Structures and Improvements - General	30-S1	(2)	502,734.00	17,572	3.50	189,010
Autos $6-13$ 15 0 $7,702,016,00$ $1,334,131$ $17,22$ Autos $6-13$ 15 $866,566,00$ $1,334,131$ $17,22$ $15,25$ $11,320$ $15,500$ $15,41,232$ $13,300$ $15,41,32$ $17,22$ $12,300$ $15,3100$ $14,472,494,00$ $16,466,665$ $11,332$ $13,300$ $17,722$ $13,300$ $15,3100$ $14,472,434,00$ $16,466,665$ $11,330$ $13,300$ $17,722$ $12,32000$ $13,320$ $13,300$	ment	20-50 15_50		4,9/1,23/.00 346 321 00	245,7U2 0,570	4.18	2,310,225
5-SQ 0 $\frac{1452,920,00}{14,472,444,00}$ $\frac{95,030}{15,66,665}$ 6.54 Autos 6-L3 15 886,588,00 $\frac{123,133}{15,66,665}$ 11.390 Trucks 1-S2,5 10 $\frac{486,588,00}{5,866,7500}$ $\frac{123,133}{5,777}$ 1390 Trucks 1-S2,5 10 $\frac{486,588,00}{5,866,5500}$ $\frac{123,133}{5,777}$ 1390 Z5-SQ 0 $346,5100$ $\frac{124,72,434,00}{5,10,811,00}$ $\frac{123,133}{5,1777}$ 1390 25-SQ 0 $10,510,811,00$ $10,510,811,00$ $123,125$ 5.87 $13-L2$ 15 $1,220,3990,00$ $0.34,536$ 5.63 5.67 $15-SQ$ 0 $1,220,390,00$ $0.653,736$ 5.63 5.67 $15-SQ$ 0 $1,220,300,00$ $365,34,260$ $365,34,260$ 6.67 $15-SQ$ 0 $1,220,300,00$ $365,34,260$ $365,34,260$ 6.67 $15-SQ$ 0.000 $1,220,202,000$ $365,34,260$ $365,34,260$ 4.6 $1,226,5202,000$ </td <td></td> <td>5-SQ</td> <td>00</td> <td>7,702,016.00</td> <td>1,334,131</td> <td>17.32</td> <td>4,537,681</td>		5-SQ	00	7,702,016.00	1,334,131	17.32	4,537,681
Autos 6-L3 15 886,568.00 13.90 13.90 Trucks 11-S2,5 10 5,906,235.00 34,527 7.92 7.92 Trucks 11-S2,5 10 5,806,235.00 34,527 7.92 883 Upment 25-SQ 0 10,510,881.00 7,877 2.28 7.92 25-SQ 0 10,510,881.00 10,510,881.00 7,875 5.82 5.83 20-SQ 0 10,510,881.00 10,510,881.00 7,875 5.82 5.87 15-SQ 0 10,510,881.00 10,210,084.00 10,3735 6.58 5.87 15-SQ 0 1,220,084.00 1,220,084.00 5.84 5.44 5.87 15-SQ 0 1,220,084.00 0 1,230,084.00 5.653.44 5.87 5.87 15-SQ 0 1,520,032.00 3.839,104 1,530 5.44 5.87 15-SQ 0 1,220,034.00 0 1,220,036 5.635 5.653.53		5-SQ	0	1,452,920.00 14,472,494.00	95,030 1,646,685	6.54 11.38	1,284,977 8,425,679
Trucks 11-52.5 10 $\frac{4,979,667,00}{5,356,00}$ $\frac{394,527}{5,17720}$ 7.92 upment 25-SQ 0 346,351.00 7,877 2.27 7.92 25-SQ 0 10,510,881.00 7,877 2.27 7.36 2.82 25-SQ 0 10,510,881.00 424,569 4.04 2.83 13-L2 15 16,743,816.00 1,093,756 2.82 6.53 13-L2 15 16,743,816.00 1,093,756 5.87 2.44 15-SQ 0 1,2209,990.00 65,824 5.44 5.44 15-SQ 0 1,229,990.00 3,859,104 5.87 5.87 15-SQ 0 1,229,990.00 3,65,324.20 3,65,34.250 4.44 175,175.90 36,534.250 3,65,335 5,644.49 1,79,176.40 1,79,176.40 1,79,176.40 1,216,00.30 1,77,517.59 2,557.53 6,534.250 4.4 175,175.91 2,055.421.60 3,653.53 0,553.53 0,553.53 0,5	Transportation Equipment - Autos	6-L3	15	886,568.00	123,193	13.90	248,036
upment $25-SQ$ 0 $346,351.00$ $7,877$ 2.27 $20-SQ$ 0 $10,510,881.00$ $4,789$ 4.04 $20-SQ$ 0 $10,510,881.00$ 4.736 2.22 $13-L2$ 15 $16,743,818.00$ $1,03,735$ 5.53 5.53 $15-SQ$ 0 $1,299,990.00$ 7.6364 5.87 5.87 $15-SQ$ 0 $1,299,990.00$ 7.6364 5.87 5.87 $15-SQ$ 0 $1,299,990.00$ 7.6364 5.87 5.87 $15-SQ$ 0 $1,299,990.00$ 7.63264 5.87 5.87 $15-SQ$ 0 $1,299,990.00$ $3.859,104$ 5.87 5.87 $177,91,7640$ $1720,202.20$ $3.653,4250$ $3.65,323$ $5.653,325$ $5.653,325$ $2,500,300$ $7.20,522,325$ $5.553,626$ $5.87,4250$ $4.7,052$ $2,510,520,0030$ $2.556,424$ $5.67,4260$ $2.556,424$ $5.87,4250$ $2.555,424,50$	Transportation Equipment - Trucks Total Account 392	11-S2.5	10	4,979,667.00 5,866,235.00	394,527 517,720	7.92 8.83	2,566,989 2,815,025
uipment 20-SQ 0 10,510,881,00 424,589 4,04 20-SQ 0 309,445,00 8,736 2,82 15-SQ 0 0 1,210,0980,00 15-SQ 0 0 1,220,0980,00 15-SQ 0 0 1,220,0980,00 15-SQ 0 0 1,220,0980,00 15,532,43 5,87 1,208,219,490,00 36,534,250 5,67 1,201,600,30 775,517,59 2,560,22 8,484,49 179,176,400 1,201,600,30 775,517,59 2,560,32 1,201,600,30 775,517,59 2,560,32 1,201,600,30 775,517,59 2,560,32 1,201,600,30 775,517,59 2,560,32 1,201,600,30 775,517,59 2,560,32 1,201,600,30 775,517,59 2,560,32 1,201,600,30 775,517,59 2,560,30 775,517,59 2,560,30 775,517,59 2,560,30 7,5517,59 2,560,30 7,2517,59 2,560,30 7,2517,59 2,560,30 7,2517,59 2,560,30 7,2517,59 2,560,30 7,2517,59 1,201,600,30 7,2517,59 2,560,30 7,2517,59 2,560,30 7,2517,59 2,560,30 7,2517,59 2,560,30 7,2517,59 2,560,30 7,2517,59 2,565,421,60 7,2517,59 2,560,30 7,2517,59 7,41,415 7,2517,59 7,41,415 7,2517,59 7,41,415 7,2517,59 7,41,415 7,2517,59 7,41,415 7,2517,59 7,41,415 7,2517,59 7,41,415 7,2517,59 7,41,415 7,2517,59 7,41,415 7,2517,59 7,41,415 7,2517,59 7,41,415 7,2517,59 7,41,415 7,2517,59 7,41,415 7,2517,59 7,41,415 7,517,59 7,41,415 7,517,59 7		25-SQ	0	346,351.00	7,877	2.27	226,513
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Tools, Shop and Garage Equipment	20-SQ	0	10,510,881.00	424,589	4.04	5.502.845
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		20-SQ	0	309,445.00	8,736	2.82	200,067
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Power Operated Equipment	13-L2	15	16,743,818.00	1,093,735	6.53	6,100,746
3,859,104 36,534,250 4	Communication Equipment Miscellaneous Equipment	15-SQ 15-SQ	00	1,210,084.00 1,299,990.00	65,824 76,366	5.44 5.87	800,777 445,037
36,534,250				51 262 032 00	3 859 104		24 705 699
36,534,250							
2,500.22 8,484.49 179,176.40 1,201,600.30 775,517.59 2,755,421.60 55,623.53 102,382.63 665,815.99 374,035.25 41,152.62				1,208,219,490.00	36,534,250		472,739,737
2,500.22 8,484.49 179,176.40 1,201,600.30 775,517.59 2,055,421.60 50,653.53 102,382.63 665,815.99 374,035.25 41,152 41,152							
179,176,40 1,201,600,30 775,517.59 2,055,421,60 50,653.53 102,382,63 665,815.99 374,035.25 41,152,62 1589,031,11				2,500.22 8 484 49			
1,201,600.30 775,517.59 2,055,421,60 50,653.53 102,382,63 665,815.99 374,035.25 41,152,62 1589,031,11				179,176.40			
2,055,421.60 2,055,421.60 50,653.53 102,382.63 665,815.99 374,035.25 41,152.62 1589,031.11				1,201,600.30 775 517 50			
50,653.53 102,382.63 665,815.99 374,035.25 41,152.62 1 589,031.11				2,055,421.60			
665,815.99 614,035.25 41,152.62	Land & Land Rights Structures & Improvements			50,653.53 402 382 63			
374,035.25 41,152.62 1.580.031.11				665,815.99			
41,152.62 1 589 031 11				374,035.25			
				41,152.62 1 589 031 11			

TABLE 1. ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST, AND CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO GAS PLANT AT SEPTEMBER 30, 2009

Calculated Accrued	Depreciation (7)		472,739,737
lated Accrual	Rate (6)=(5)/(4)		
Calculated Annual Accrual	Amount (5)		36,534,250
Original Cost at	September 30, 2009 (4)	9,664.54 6,448.03 10,088.75 3,865,934.23 35,641.38 100,159.70 37,929,667.64 49,033,410.02	1,257,252,900.02
Net	Salvage (3)		
Survivor	Curve (2)		
	Depreciable Group (1)	Structures & Improvements Structures & Improv Leased Property Land & Rights Structures & Improvements - Office Structures & Improvements Leased Property Structures & Improvements Leased Property DP Software Subtotal Nondepreciable Plant	Total Gas Plant
		375.2 375.4 389.1 390.1 390.1 390.2 390.8 391.3	

SCHEDULE JJS-2

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TABLE 2. COMPARISON OF CALCULATED ACCRUED DEPRECIATION AND BOOK DEPRECIATION RESERVE AT SEPTEMBER 30, 2009 AND CALCULATION OF ANNUAL AMORTIZATION OF THE RESERVE VARIANCE BASED ON A COMPOSITE REMAINING LIFE PERIOD

Annual Amortization True Up (7)=(5)/(6)		(12,646) (1,039)	(39,335) - (39,335)	(53,020)		(7,688) (12,723) (20,411)	(120,637) (2,925) (59,673) (59,673) (57,796) (189,031)	(40,429) (27,555) (38,951) (1,946) 1,045	(317,278)
Remaining Life (6)		25.0 21.5	25.0			25.0 25.0	25.0 25.0 25.0 25.0	25.0 25.0 25.0 20.6 6.7	
Variance (5)=(3)-(4)		(316,139) (22,347)	(983,369) (1,994,835) (2,978,204)	(3,316,690)		(192,212) (318,069) (510,281)	(3,015,931) (73,135) (1,491,818) (144,892) (4,725,776)	(1,010,720) (688,878) (973,776) (40,082) 7,003	(7,942,510)
Book Depreciation Reserve (4)		728,139 134,942	2,241,330 5,017,216 7,258,546	8,121,627		641,720 846,973 1,488,693	6,149,252 184,476 2,406,384 437,896 9,178,008	2,487,174 2,311,555 1,976,114 210,469 21,495	17,673,508
Calculated Accrued Depreciation (3)		412,000 112,595	1,257,961 3,022,381 4,280,342	4,804,937		449,508 528,904 978,412	3,133,321 111,341 914,566 293,004 4,452,232	1,476,454 1,622,677 1,002,338 170,387 28,498	9,730,998
Original Cost at September 30, 2009 (2)		1,082,676.00 159,015.00	4, 632,069.00 4, 829,688.00 9,461,757.00	10,703,448.00		614,207.00 1,000,691.00 1,614,898.00	6,128,278.00 245,023.00 6,167,263.00 741,207.00 13,281,771.00	2,885,559.00 2,411,310.00 2,013,702.00 233,043.00 61,691.00	22,501,974.00
Depreciable Group (1)	DEPRECIABLE PLANT MANUFACTURED GAS PLANT - LPG	Structures and Improvements Other Power Equipment Liguefied Petroleum Gas	Equipment Storage Caverns Total Account 311	Total Manufactured Gas Plant - LPG	UNDERGROUND STORAGE PLANT	Structures and Improvements Compressor Station Other Structures Total Account 351	Wells Reservoirs Non-Recoverable Gas Wells - Oil and Vent Gas <i>Total account 352</i>	Lines Compressor Station Equipment Measuring & Regulating Equipment Purification Equipment Other Equipment	Total Underground Storage Plant
	DEPRE MANUF	305 307 311			UNDEF	351.2 351.4	352 352.2 352.3 352.4	353 354 355 356 356	

TABLE 2. COMPARISON OF CALCULATED ACCRUED DEPRECIATION AND BOOK DEPRECIATION RESERVE AT SEPTEMBER 30, 2009 AND CALCULATION OF ANNUAL AMORTIZATION OF THE RESERVE VARIANCE BASED ON A COMPOSITE REMAINING LIFE PERIOD

Annual Amortization True Up (7)=(5)/(6)		(23,749)	(23,749)		1,326 (700) 1,327 (867) 1,086	(1,826,505) 443,424 (220,888) (1,603,969)	68,290 15,612	98,688 2,379,536 2,478,224	798,573 (52,772) (21,725) - (6,881)	1,676,438
Remaining Life (6)		25.0 -			20.4 25.0 24.2 25.0	25.0 23.6 25.0	22.9 20.3	22.6 25.0	23.2 25.0 25.0 25.0	
Variance (5)=(3)-(4)		(593,737) (3,816)	(597,553)		27,051 (17,503) 32,123 (21,683) 19,988	(45,662,618) 10,464,795 (5,522,206) (40,720,029)	1,563,834 316,922	2,230,341 59,488,411 61,718,752	18,526,901 (1,319,306) (543,113) (134,637) (172,035)	39,257,277
Book Depreciation Reserve (4)		1,769,901 19,311	1,789,212		92,026 2,675,925 297,916 67,251 3,133,118	124,410,808 6,843,815 50,103,233 181,357,856	1,288,552 432,410	31,518,020 145,417,062 176,935,082	18,017,609 7,913,164 3,502,319 154,523 314,534	393,049,167
Calculated Accrued Depreciation (3)		1,176,164 15,495	1,191,659		119,077 2,658,422 330,039 45,568 3,153,106	78,748,190 17,308,610 44,581,027 140,637,827	2,852,386 749,332	33,748,361 204,905,473 238,653,834	36,544,510 6,593,858 2,959,206 19,886 142,499	432,306,444
Original Cost at September 30, 2009 (2)		2,013,842.00 17,180.00	2,031,022.00		246,429.00 8,038,592.00 659,256.00 107,507.00 9,051,784.00	214,772,107.00 14,334,442.00 231,246,343.00 460,352,892.00	9,153,338.00 2,107,931.00	38,622,201.00 450,965,367.00 489,587,568.00	118,155,709.00 21,532,948.00 11,353,611.00 22,974.00 402,259.00	1,121,721,014.00
Depreciable Group (1)	TRANSMISSION PLANT	Mains Other Equipment	Total Transmission Plant	DISTRIBUTION PLANT	Structures and Improvements District Measuring & Regulating Service Centers Garage Other Small Structures <i>Total Account</i> 375	Mains Steel Cast Iron Plastic & Copper <i>Total Account 376</i>	Meas and Reg Equipment - General Meas and Reg Equipment - City Gate Services	Steel Plastic & Copper <i>Total Account 380</i>	Meters House Regulator Industrial Meas and Reg Equipment Other Property on Customer Premises Other Equipment	Total Distribution Plant
	TRAN	367 371		DISTR	375	376	378 379 380) }	381 383 385 386 386	

TABLE 2. COMPARISON OF CALCULATED ACCRUED DEPRECIATION AND BOOK DEPRECIATION RESERVE AT SEPTEMBER 30, 2009 AND CALCULATION OF ANNUAL AMORTIZATION OF THE RESERVE VARIANCE BASED ON A COMPOSITE REMAINING LIFE PERIOD

Annual Amortization True Up (7)=(5)/(6)		6,612 142,823 108,232 (318,893) 1,118,886 1.051,048	69,648 69,648	(907) 452,231 2,315 (390,895) 60,551 28,399	1,279,002 2,561,393
Remaining Life (6)		15.8 7.8 3.0 1.5	4.4	70 4.0 4.0 0.0 0.0 0.0 0.0 0.0 0.0	
Variance (5)=(3)-(4)		104,465 1,114,016 324,697 (956,679) 1,678,329 2.160,363	(560,223) 306,451 (253,772)	(13,969) 3,301,283 24,072 (3,752,591) 345,139 244,228	2,159,218 29,559,742
Book Depreciation Reserve (4)		84,545 1,196,209 (31,901) 5,494,360 (393,352) 6.265,316	808,259 2,260,538 3,068,797	240,482 2,201,562 175,995 9,853,337 255,638 200,809	22,546,481 443,179,995
Calculated Accrued Depreciation (3)		189,010 2,310,225 292,796 4,537,681 1,284,977 8,425,679	248,036 2,566,989 2,815,025	226,513 5,502,845 200,067 6,100,746 800,777 445,037	24,705,699 472,739,73 7
Original Cost at September 30, 2009 (2)		502,734.00 4,971,237.00 346,321.00 7,702,016.00 1,452,920.00 14,472,494.00	886,568.00 4,979,667.00 5,866,235.00	346,351.00 10,510,881.00 309,445.00 16,743,818.00 1,210,084.00 1,299,990.00	51,262,032.00 1,208,219,490.00
Depreciable Group (1)	GENERAL PLANT	Structures & Improvements - General Office Furniture and Equipment Mechanical Office Equipment DP Systems DP Equipment <i>Total Account</i> 391	Transportation Equipment - Autos Transportation Equipment - Trucks Total Account 392	Stores Equipment Tools, Shop and Garage Equipment Laboratory Equipment Power Operated Equipment Communication Equipment Miscellaneous Equipment	Total General Plant Total Depreciable Plant
	GENER	390 391	392.1 392.2	393 394 395 395 397 398	

Note: Composite Remaining Life by account determined not to exceed 25.0 years.

SCHEDULE JJS-3

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	Depreciable Group	Whole Life Annual Accrual Amount	Annual Amortization True Up	Total Annual Depreciation Amount
	(1)	(2)	(3)	(4) = (2) + (3)
DEPRE	CIABLE PLANT			
MANUF	ACTURED GAS PLANT - LPG			
305	Structures and Improvements	20,793	(12,646)	8,147
307	Other Power Equipment	5,825	(1,039)	4,786
311	Liquefied Petroleum Gas Equipment	147,369	(39,335)	109.024
	Storage Caverns	87,900	(39,333)	108,034 87,900
	Total Account 311	235,270	(39,335)	195,935
	Total Manufactured Gas Plant - LPG	261,887	(53,020)	208,867
UNDEF	RGROUND STORAGE PLANT			
	Structures and Improvements			
351.2	Compressor Station	15,681	(7,688)	7,993
351.4	Other Structures	20,034	(12,723)	7,311
	Total Account 351	35,715	(20,411)	15,304
352	Wells	74,826	(120,637)	(45.811)
352.2	Reservoirs	2,992	(2,925)	67
352.3	Non-Recoverable Gas	68,457	(59,673)	8,784
352.4	Wells - Oil and Vent Gas	9,050	(5,796)	3,254
	Total account 352	155,325	(189,031)	(33,706)
353	Lines	49,516	(40,429)	9,087
354	Compressor Station Equipment	46,080	(27,555)	18,525
355 356	Measuring & Regulating Equipment Purification Equipment	40,274 5,824	(38,951) (1,946)	1,323 3,878
357	Other Equipment	3,085	1,045	4,130
	Total Underground Storage Plant	335,818	(317,278)	18,540
TRANS	MISSION PLANT			
367	Mains	30,208	(23,749)	6,459
371	Other Equipment	400	0	400
	Total Transmission Plant	30,608	(23,749)	6,859
DISTRI	BUTION PLANT			
	Structures and Improvements			
375	District Measuring & Regulating	6,777	1,326	8,103
	Service Centers	184,725	(700)	184,025
	Garage Other Small Structures	14,504 2,688	1,327 (867)	15,831 1,821
	Total Account 375	208,694	1,086	209,780
	Mains			
376	Steel	3,221,582	(1,826,505)	1,395,077
	Cast Iron	322,525	443,424	765,949
	Plastic & Copper	3,802,846	(220,888)	3,581,958
	Total Account 376	7,346,953	(1,603,969)	5,742,984
378	Meas and Reg Equipment - General	339,147	68,290	407,437
379	Meas and Reg Equipment - City Gate	88,512	15,612	104,124

TABLE 3. CALCULATION OF TOTAL ANNUAL DEPRECIATION INCLUDING AMORTIZATION OF RESERVE VARIANCE AT SEPTEMBER 30, 2009

	Depreciable Group	Whole Life Annual Accrual Amount	Annual Amortization True Up	Total Annual Depreciation Amount
	(1)	(2)	(3)	(4) = (2) + (3)
380	Services			
	Steel	1,665,776	98,688	1,764,464
	Plastic & Copper	18,602,321	2,379,536	20,981,857
	Total Account 380	20,268,097	2,478,224	22,746,321
381	Meters	3,030,488	798,573	3,829,061
383	House Regulator	430,659	(52,772)	377,887
385	Industrial Meas and Reg Equipment	319,718	(21,725)	297,993
386	Other Property on Customer Premises	1,230	0	1,230
387	Other Equipment	13,335	(6,881)	6,454
	Total Distribution Plant	32,046,833	1,676,438	33,723,271
GENEF	RAL PLANT			
390	Structures & Improvements - General	17,572	6,612	24,184
391	Office Furniture and Equipment	207,945	142,823	350,768
	Mechanical Office Equipment	9,579	108,232	117,811
	DP Systems	1,334,131	(318,893)	1,015,238
	DP Equipment	95,030	1,118,886	1,213,916
	Total Account 391	1,646,685	1,051,048	2,697,733
392.1	Transportation Equipment - Autos	123,193	0	123,193
392.2	Transportation Equipment - Trucks	394,527	69,648	464,175
	Total Account 392	517,720	69,648	587,368
393	Stores Equipment	7,877	(907)	6,970
394	Tools, Shop and Garage Equipment	424,589	452,231	876,820
395	Laboratory Equipment	8,736	2,315	11,051
396	Power Operated Equipment	1,093,735	(390,895)	702,840
397	Communication Equipment	65,824	60,551	126,375
398	Miscellaneous Equipment	76,366	28,399	104,765
	Total General Plant	3,859,104	1,279,002	5,138,106
	Total Depreciable Plant	36,534,250	2,561,393	39,095,643

TABLE 3. CALCULATION OF TOTAL ANNUAL DEPRECIATION INCLUDING AMORTIZATION OF RESERVE VARIANCE AT SEPTEMBER 30, 2009