P.S.C. MO. No. 5 Consolidated, Second Revised Sheet No. 12 CANCELLING P.S.C. MO. No. 5 Consolidated, First Revised Sheet No. 12

Laclede Gas Company	For	Refer to Sheet No. 1
Name of Issuing Corporation or Municipality		Community, Town or City

SCHEDULE OF RATES

INFRASTRUCTURE SYSTEM REPLACEMENT SURCHARGE ("ISRS")

<u>Description</u>: The ISRS is designed to recover the costs associated with the Company's eligible infrastructure replacements in accordance with the provisions of Sections 393.1009 to 393.1015, RSMo.

<u>Applicability</u>: In addition to the other charges provided for in the Company's tariff, a monthly ISRS shall be added to each customer's bill for service rendered on and after the effective date of the ISRS.

<u>Schedule of Surcharges</u>: The amount of the ISRS by rate schedule is as follows:

(*) Single customers with multiple accounts located on contiguous property.

	Per Bill Per Month
Residential General Service (RG)	. \$.48
Commercial & Industrial General Service-Class I (C1)	. \$.63
Commercial & Industrial General Service-Class II (C2)	\$.70
Commercial & Industrial General Service-Class III (C3)	\$.95
Large Volume Service (LV)	. \$24.18
Interruptible Service (IN)	\$21.36
General L.P. Gas Service (LP)	\$.44
Unmetered Gas Light Service (SL)	\$.16
Vehicular Fuel Rate (VF)	\$.60
Large Volume Transportation and Sales Service (LVTSS)	\$47.67
LVTSS – Other (*)	\$36.25

DATE OF ISSUE	March 1,	, 2004	DATE EF	FECTIVE	April 1, 20	004	
Year	Month	Day			Month	Day	Year
ISSUED BY	,	Executive Vice Pre	,	,	,		

Laclede Gas Company ISRS Revenue Requirement Calculation

ISRS Activity:

Gas Utility Plant Projects - Main Replacements and Other Projects Extending Useful Life of	f Mains:
Work Orders Placed in Service	0.747.050
Gross Additions	3,747,359
Deferred Taxes	(260,258)
Accumulated Depreciation	(39,736)
Total Net	3,447,365
Gas Utility Plant Projects - Service Line Replacements and Insertion Projects:	
Work Orders Placed in Service	
Gross Additions	19,942,774
Deferred Taxes	(2,712,453)
Accumulated Depreciation	(292,753)
Total Net	16,937,568
Gas Utility Plant Projects - Regulator Stations:	
Work Orders Placed in Service	
Gross Additions	1,238,843
Deferred Taxes	(121,815)
Accumulated Depreciation	(18,889)
Total Net	1,098,139
Gas Utility Plant Projects - Main Relocations net of Reimbursements:	
Work Orders Placed in Service	
Gross Additions	4,037,654
Deferred Taxes	(460,899)
Accumulated Depreciation	(39,515)
Total Net	3,537,240
Gas Utility Plant Projects - Main Reinforcements Related to Other ISRS Eligible Projects:	
Work Orders Placed in Service	
Gross Additions	134,127
Deferred Taxes	(9,704)
Accumulated Depreciation	(1,184)
Total Net	123,239
Total ISRS Rate Base	25,143,551
Overall Rate of Return per Testimony from GR-2002-356	8.16%
UOI Required	2,051,714
Income Tax Conversion Factor	1.6276
Revenue Requirement Before Interest Deductibility	3,339,370
Total ISRS Rate Base	25,143,551
Weighted Cost of Debt per Testimony from GR-2002-356	3.80%
Interest Deduction	955,455
Marginal Income Tax Rate	38.5596%
Income Tax Reduction due to Interest	368,420
Income Tax Conversion Factor	1.6276
Revenue Requirement Impact of Interest Deductibility	599,640
Total Revenue Requirement on Capital	2,739,730
Depreciation Expense	496,653
Property Taxes	623,324
Total ISRS Revenues	3,859,707

Laclede Gas Company ISRS Depreciation Expense

Main Replacements Service Line Replacements and Insertion Projects Regulator Stations Main Relocations net of Reimbursements Main Reinforcements	Additions <u>Annual Depreciation</u> 53,215.34 442,836.73 27,502.33 54,032.49 1,847.01	Retirements <u>Annual Depreciation</u> (4,784.64) (57,394.47) (5,386.76) (15,214.57)
Total	579,433.90	(82,780.44)
Total Net Increase in Depreciation Expense	496,653.46	

Laclede Gas Company ISRS Calculation of Property Taxes

DISTRIBL	JTION F	REAL	ESTATE
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Service Additions	CY 2002 Aug - Dec	CY 2003	Total
380.10	30,278.71	129,946.67	160,225.38
380.20	5,183,896.16	12,117,880.72	17,301,776.88
380.92	129,898.48	318,952.20	448,850.68
380.90	129,090.40		
	1 101 61	(215.66)	(215.66)
380.82	1,101.61	(23.71)	1,077.90
380.80	-	-	-
380.72	6,754.27	17,787.14	24,541.41
380.70	5,756.30	6,469.68	12,225.98
380.21	359,378.20	1,592,426.97	1,951,805.17
380.11	16,395.23	26,091.06	42,486.29
Total Service Addns.	5,733,458.96	14,209,315.07	19,942,774.03
Specific Real Additions			
376.70	310.41	18,626.79	18,937.20
Mains - 376s	2,210,940.06	4,196,521.84	6,407,461.90
Total Spec. Addns.	2,211,250.47	4,215,148.63	6,426,399.10
Retirements			
Services	(847,153.98)	(1,732,763.18)	(2,579,917.16)
Mains - Cast Iron	(54,767.09)	(76,753.29)	(131,520.38)
Mains - Steel	(355,208.17)	(688,160.95)	(1,043,369.12)
Mains - Plastic	(146,619.64)	(210,389.87)	(357,009.51)
	(1,403,748.88)	(2,708,067.29)	(4,111,816.17)
Net Real Estate	6,540,960.55	15,716,396.41	22,257,356.96
Assessment Rate	32%	32%	32%
Assessed Value	2,093,107.38	5,029,246.85	7,122,354.23
Real Estate Rate/\$100	8.4159	8.4159	8.4159
Real Estate Taxes	176,153.82	423,256.39	599,410.21
Near Estate Taxes	170,133.02	423,230.39	399,410.21
DISTRIBUTION PERSONA			
	CY 2002 Aug - Dec	CY 2003	Total
378.00	514,802.02	539,162.74	1,053,964.76
378.10	7,420.95	-	7,420.95
378.90	5,404.72	8,098.27	13,502.99
379.00	51,148.81	112,805.64	163,954.45
Total Spec. Pers.	578,776.50	660,066.65	1,238,843.15
Specific Personal Retirement	nts		
378.00	(25,862.86)	(55,526.63)	(81,389.49)
378.10	(775.31)	-	(775.31)
378.90	-	(3,502.83)	(3,502.83)
379.00	(66,299.14)	(90,681.22)	(156,980.36)
Total Spec. Pers.	(92,937.31)	(149,710.68)	(242,647.99)
		, 540.055.05	
Net Personal Prop.	485,839.19	510,355.97	996,195.16
Assessment Rate	33.33%	33.33%	33.33%
Assessed Value	161,930.20	170,101.64	332,031.85
Personal Prop. Rate/\$100	7.2023	7.2023	7.2023
Personal Property Taxes	11,662.70	12,251.23	23,913.93
Total Property Taxes	187,816.52	435,507.62	623,324.14
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	Aug - Sep 2002 30% Bonus	Aug - Sep 2002 0% Bonus	FY 2003 30% Bonus	FY 2003 50% Bonus	FY 2003 0% Bonus	Oct - Dec 2003 30% Bonus	Oct - Dec 2003 50% Bonus	Total
Main Replacements, etc. Additions	460,502.03	5,208.06	1,322,417.00	79,876.60	373,821.22	44,446.45	45,622.78	2,331,894.14
Bonus Depreciation	138,150.61		396,725.10	39,938.30		13,333.94	22,811.39	610,959.34
Adjusted Tax Basis on Additions	322,351.42	5,208.06	925,691.90	39,938.30	373,821.22	31,112.51	22,811.39	1,720,934.80
Bonus Depreciation For Period October Through December 2003						3,333.49	5,702.85	9,036.34
Tax Depreciation On Adj. Basis Fiscal Year 2002 Fiscal Year 2003 Fiscal Year 2004	12,088.18 23,270.55 5,380.85	195.30 375.97 86.94	34,713.45 16,706.42	1,497.69 720.79	14,018.30 6,746.54	291.68	213.86	12,283.48 73,875.96 30,147.08
Total Tax Depreciation	178,890.19	658.21	448,144.97	42,156.78	20,764.84	3,625.17	5,916.71	700,156.87
Total Book Depreciation								25,207.83
Difference Between Book and Tax Depreciation								674,949.04
Deferred Income Taxes (@38.5596%)								260,257.65

	Aug - Sep 2002 30% Bonus	FY 2003 30% Bonus	FY 2003 50% Bonus	Oct - Dec 2003 50% Bonus	Total
Services Additions	2,625,625.65	7,902,724.25	6,049,417.63	3,365,006.50	19,942,774.03
Bonus Depreciation	787,687.70	2,370,817.28	3,024,708.82	1,682,503.25	7,865,717.05
Adjusted Tax Basis on Additions	1,837,937.95	5,531,906.97	3,024,708.81	1,682,503.25	12,077,056.98
Bonus Depreciation For Period October Through December 2003				420,625.81	
Tax Depreciation On Adj. Basis Fiscal Year 2002 Fiscal Year 2003 Fiscal Year 2004	68,922.67 132,680.74 30,679.78	207,446.51 99,837.09	113,426.58 54,588.43	15,773.47	68,922.67 453,553.83 200,878.77
Total Tax Depreciation	1,019,970.89	2,678,100.88	3,192,723.83	436,399.28	7,327,194.88
Total Book Depreciation				-	292,753.25
Difference Between Book and Tax Depreciation				-	7,034,441.63
Deferred Income Taxes (@38.5596%)				=	2,712,452.55

	Aug - Sep 2002 30% Bonus	Aug - Sep 2002 0% Bonus	FY 2003 30% Bonus	FY 2003 0% Bonus	Oct - Dec 2003 30% Bonus	Oct - Dec 2003 50% Bonus	Total
Regulator Stations	110 100 00	04.005.00	740 404 50	75.005.40	450 444 70	40.704.70	4 000 040 45
Additions	119,483.99	94,635.66	749,401.56	75,085.42	159,444.79	40,791.73	1,238,843.15
Bonus Depreciation	35,845.20		224,820.47		47,833.44	20,395.87	328,894.98
Adjusted Tax Basis on Additions	83,638.79	94,635.66	524,581.09	75,085.42	111,611.35	20,395.86	909,948.17
Bonus Depreciation For Period							
October Through December 2003					11,958.36	5,098.97	17,057.33
Tax Depreciation On Adj. Basis							
Fiscal Year 2002	3,136.45	3,548.84					6,685.29
Fiscal Year 2003	6,037.88	6,831.75	19,671.79	2,815.70			35,357.12
Fiscal Year 2004	1,396.14	1,579.71	9,467.38	1,355.10	1,046.36	191.21	15,035.90
Total Tax Depreciation	46,415.67	11,960.30	253,959.64	4,170.80	13,004.72	5,290.18	334,801.31
Total Book Depreciation							18,888.83
Difference Between Book and							
Tax Depreciation							315,912.48
Deferred Income Taxes (@38.5596%)							121,814.59

	Aug - Sep 2002 30% Bonus	Aug - Sep 2002 0% Bonus	FY 2003 30% Bonus	FY 2003 50% Bonus	FY 2003 0% Bonus	Oct - Dec 2003 30% Bonus	Oct - Dec 2003 50% Bonus	Total
Main Relocations				-		-		
Additions	305,080.23	461,352.02	2,445,077.22	404,883.73	452,574.16	111,753.73	(143,067.47)	4,037,653.62
Bonus Depreciation	91,524.07		733,523.17	202,441.87		33,526.12	(71,533.74)	989,481.49
Adjusted Tax Basis on Additions	213,556.16	461,352.02	1,711,554.05	202,441.86	452,574.16	78,227.61	(71,533.73)	3,048,172.13
Bonus Depreciation For Period								
October Through December 2003						8,381.53	(17,883.44)	(9,501.91)
Tax Depreciation On Adj. Basis								
Fiscal Year 2002	8,008.36	17,300.70						25,309.06
Fiscal Year 2003	15,416.62	33,305.00	64,183.28	7,591.57	16,971.53			137,468.00
Fiscal Year 2004	3,564.79	7,701.12	30,889.27	3,653.57	8,167.83	733.38	(670.63)	54,039.33
Total Tax Depreciation	118,513.84	58,306.82	828,595.72	213,687.01	25,139.36	9,114.91	(18,554.07)	1,234,803.59
Total Book Depreciation							_	39,514.99
Difference Between Book and								
Tax Depreciation								1,195,288.60
Deferred Income Taxes (@38.5596%)							_	460,898.50

	FY 2003 30% Bonus	FY 2003 0% Bonus	Oct - Dec 2003 30% Bonus	Total
Main Reinforcements Additions	62,631.18	27,170.46	44,324.92	134,126.56
Bonus Depreciation	18,789.35		13,297.48	32,086.83
Adjusted Tax Basis on Additions	43,841.83	27,170.46	31,027.44	102,039.73
Bonus Depreciation For Period October Through December 2003			3,324.37	3,324.37
Tax Depreciation On Adj. Basis Fiscal Year 2002				-
Fiscal Year 2003	1,644.07	1,018.89	000.00	2,662.96
Fiscal Year 2004	791.24	490.36	290.88	1,572.48
Total Tax Depreciation	21,224.66	1,509.25	3,615.25	26,349.16
Total Book Depreciation			-	1,183.66
Difference Between Book and Tax Depreciation			-	25,165.50
Deferred Income Taxes (@38.559	6%)		=	9,703.72

Laclede Gas Company Capital Structure/Rate of Return for ISRS

Case GR-2002-356

			_		
Laclede	Direct	Testimony	of	Glenn	Buck

Eddicac Bircot restilliony of G	iciiii Back							
	% of Cap Structure	Embedded Cost	Weighted Cost					
LTD	45.50%	7.58%	3.45%					
STD	11.80%	4.83%	0.57%					
Preferred	0.30%	4.96%	0.01%					
Common	42.40%	11.75%	4.98%					
Rate of Return on Original Cost			9.01%					
· ·								
Staff Corrected Direct Testimo	ny of Roberta McKio	ldy						
LTD	41.05%	7.63%	3.13%					
STD	17.01%	3.34%	0.57%					
Preferred	0.18%	4.95%	0.01%					
Common	41.75%	9.25%	3.86%					
Rate of Return on Original Cost			7.57%					
·								
Public Counsel Rebuttal Testimony of Mark Burdette								
LTD	41.45%	7.58%	3.14%					
STD	16.26%	3.36%	0.55%					
Preferred	0.19%	4.95%	0.01%					
Common	42.11%	9.98%	4.20%					
Rate of Return on Original Cost			7.90%					

Overall Rate of Return

Laclede	9.01%
Staff	7.57%
OPC	7.90%
Average	8.16%

Weighted Cost of Debt Laclede

Laclede	4.02%
Staff	3.70%
OPC	3.69%
Average	3.80%

Laclede Gas Company ISRS Rate Design

Total ISRS Revenues 3,859,707

			Ratio to				
	Number of	Customer	Residential	Weighted	Customer	ISRS	ISRS
Customer Rate Class	Customers*	<u>Charge</u>	Customer Charge	Customer Nos.	<u>Percentage</u>	<u>Charge</u>	<u>Revenues</u>
Residential	590,614	12.00	1.00	590,614.0	88.8022%	0.48	3,427,506
C&I 1	30,060	15.75	1.31	39,378.6	5.9208%	0.63	228,526
C&I 2	9,218	17.25	1.44	13,273.9	1.9958%	0.70	77,032
C&I 3	677	23.50	1.96	1,326.9	0.1995%	0.95	7,700
LV	89	600.00	50.00	4,450.0	0.6691%	24.18	25,825
Interruptible	16	530.00	44.17	706.7	0.1063%	21.36	4,101
Transportation	152	1,183.00	98.58	14,984.2	2.2530%	47.67	86,958
Transportation - Other**	2	900.00	75.00	150.0	0.0226%	36.25	870
Gas Light	112	3.90	0.33	37.0	0.0056%	0.16	215
Vehicular Fuel	4	15.00	1.25	5.0	0.0008%	0.60	29
Liquid Propane	177	11.00	0.92	162.8	0.0245%	0.44	945
Total	631,121				100.0000%		3,859,707

^{*}Number of customers at 9/30/03

^{**}Single customers with multiple accounts located on contiguous property.

Laclede Gas Company ISRS Alternate Rate Design

Total ISRS Revenues 3,859,707

	Number of	Customer	Ratio to Residential	Weighted	Customer	ISRS	ISRS
Customer Rate Class	Customers*	Charge	Customer Charge	•	Percentage	Charge	Revenues
Residential	596,218	12.00	1.00	596,218.0	88.5780%	0.48	3,418,849
C&I 1	30,208	15.75	1.31	39,572.5	5.8791%	0.63	226,918
C&I 2	9,334	17.25	1.44	13,441.0	1.9969%	0.69	77,074
C&I 3	678	23.50	1.96	1,328.9	0.1974%	0.94	7,620
LV	135	600.00	50.00	6,750.0	1.0028%	23.89	38,706
Interruptible	13	530.00	44.17	574.2	0.0853%	21.11	3,293
Transportation	150	1,183.00	98.58	14,787.0	2.1969%	47.11	84,792
Transportation - Other**	3	900.00	75.00	225.0	0.0334%	35.83	1,290
Gas Light	115	3.90	0.33	38.0	0.0056%	0.16	218
Vehicular Fuel	4	15.00	1.25	5.0	0.0007%	0.60	29
Liquid Propane	174	11.00	0.92	160.1	0.0238%	0.44	918
Total	637,032				100.0000%	_	3,859,707

^{*}Number of customers based on billing determinants from GR-2002-356 **Single customers with multiple accounts located on contiguous property.