

Kenneth A. Sosnick Managing Director SosnickKA@bv.com

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Education

B.S. Accounting, Indiana University of Pennsylvania Mr. Sosnick has over 18 years of experience with electric utility, natural gas pipeline and crude/product pipeline industry matters before the Federal Energy Regulatory Commission ("FERC"), state regulators, as well as civil litigation proceedings and management consulting engagements.

Prior to joining Black & Veatch, Mr. Sosnick spent over 9 years as a consultant extensively engaged in the natural gas, crude/product and electricity markets. His work has included analysis of onshore and offshore natural gas pipeline and crude/product pipeline cost of service rates, levelized rates, market-based rates, discounted and negotiated rates, incremental vs. rolled-in project costs, Certificate Proceedings, allocation of corporate overhead costs, master-limited partnership income taxes, throughput/system rate design quantities, fuel recovery mechanisms, NGA Section 5 rate complaints, Return on Equity calculations under the DCF/Risk Premium/CAPM/Expected Earnings methods, depreciation rate and negative salvage rate calculations, Asset Retirement Obligations, FERC Form 1 and 2 filing requirements as well as being proficient in the application of FERC's Uniform System of Accounts.

Mr. Sosnick has prepared expert testimony and provided expert advisory services for clients in proceedings at FERC, state commissions as well as expert reports assessing and quantifying damages in civil litigation, conducted strategic analysis for a large energy company considering alternatives for its existing pipeline and storage portfolio, written a whitepaper on the impacts of the Tax Cuts and Jobs Act on FERC regulated assets as well as a whitepaper on the impacts of FERC Orders in SFPP, LP Docket No. IS08-390 related to Master Limited Partnerships and other pass-through entities income tax allowance. In addition, he conducted confidential buy-side valuations and assessments of regulated electric and natural gas utilities in the U.S. and has also utilized GPCM® to support capital investment and cost recovery of investment in natural gas pipeline infrastructure for a major US utility.



Mr. Sosnick spent 10 years at FERC in which he spent two years as an auditor in the Office of Enforcement, and eight years as an expert witness and one of the lead technical staff negotiators on major electric utility proceedings, interstate natural gas pipeline and crude/product pipeline in the Office of Administrative Litigation. Mr. Sosnick's insights were incorporated into the revision of the FERC Form 2 in Docket No. RM07-9-000, which lead to the FERC-initiated Section 5 natural gas pipeline proceedings.

Mr. Sosnick currently teaches multiple courses in coordination with EUCI, and previously taught at the New Mexico State University Center for Public Utilities Practical and Regulatory Training for the Natural Gas Interstate Pipeline Industry specifically addressing FERC requirements for determining "Just and Reasonable" rates.

PROFESSIONAL EXPERIENCE

- Black & Veatch, Managing Director, Overland Park, KS, 2022 Present
- FTI Consulting, Managing Director, Boston, MA, 2019 2022
- Concentric Energy Advisors, Senior Project Manager, Marlborough MA, 2015 2019
- MRW & Associates, LLC, Energy Consultants, Senior Project Manager, Oakland, CA, 2013 2015
- Federal Energy Regulatory Commission, Energy Industry Analyst, Office of Administrative Litigation, Washington, D.C., 2005 2013
- Federal Energy Regulatory Commission, Auditor, Office of Enforcement, Washington, D.C., 2003 2005

Testimony/Affidavits

- Michigan Electric Transmission Company, Docket Nos. ER06-56-000 and ER06-56-002
- ANR Pipeline Company, Docket No. RP07-439-000
- SFPP L.P., Docket No. OR03-5-000
- SFPP L.P., Docket No. OR03-5-001
- SFPP L.P., Docket No. IS08-390-002
- SFPP L.P., Docket No. IS09-437-000
- Portland Natural Gas Transmission System, Inc., Docket No. RP08-306-000
- El Paso Natural Gas Company, Docket No. RP08-426-000
- Sea Robin Pipeline Company, Docket No. RP09-995-000
- Florida Gas Transmission Company, LLC, Docket No. RP10-21-000
- Northern Natural Gas Company, Docket No. RP10-148-000
- Tuscarora Gas Transmission Company, Docket No. RP11-1823-000
- Midwest Independent Transmission System Operator, Inc., Docket No. ER12-715-003



- Gulf South Pipeline Company, Docket No. RP15-65-000
- Liquids Shippers Group, Docket No. RM15-19-000
- KO Transmission Company, Docket No. RP16-1097-000
- Colonial Pipeline Company, Docket No. OR16-17-000
- Mississippi River Transmission, Docket No. RP18-923-000
- Nebraska Public Power District, Docket No. EL18-194-000
- Northern Natural Gas Company, Docket Nos. RP19-59-000 and RP19-1353-000
- Dominion Energy Cove Point, Docket No. RP20-467-000
- Transcontinental Gas Pipeline, Docket Nos. RP20-614-000 and RP20-618-000
- Energy North, Docket No. DG20-105
- Midwestern Gas Transmission Company, Docket No. RP21-525-000
- NPPD vs. Tri-State Generation and Transmission, Docket No. EL21-100-000
- Piedmont Natural Gas Company, Docket Nos. G-9, Sub 781, G-9, Sub 722
- DTE Gas, Docket No. U-20236
- DTE Gas, Docket No. U-20544
- DTE Electric, Docket No. U-20528
- DTE Electric, Docket. No. U-20826
- DTE Electric, Docket No. U-21050
- VEPCO, Docket No. PUR-2021-00058
- System Energy Resources, Inc., Docket No. EL20-72-001

SELECTED PROJECTS

Cost of Service

Mr. Sosnick assists clients, state regulatory agencies, and other experts developing and refining cost of service models regarding rate base calculations, appropriate levels of operations and maintenance expenses, appropriate levels of directly assigned or allocated affiliated or parent company overhead costs, the application of cost allocation procedures in the allocation of costs between jurisdictional activities, between non-jurisdictional and jurisdictional activities or amongst separate jurisdictional systems.

Natural Gas Experience

- Paiute Pipeline Company, Docket Nos. RP05-163-000 and RP09-406-000
- El Paso Natural Gas Company, Docket No. RP06-369-000
- Transcontinental Pipeline Company, Docket Nos. RP06-569-000 and RP12-993-000
- Black Marlin Pipeline Company, Docket No. RP07-39-000
- Sea Robin Pipeline Company, Section 4 Rate Case Docket Nos. RP07-513-000 and



- Hurricane Surcharge RP09-995-000
- Portland Natural Gas Transmission System, Inc., Docket No. RP08-306-000

Natural Gas Experience-Continued

- UTOS, Docket No. RP10-1393
- Florida Gas Transmission Company, LLC, Docket Nos. RP10-21-000 and RP21-441-000
- Northern Natural Gas Company, Docket No. RP10-148-000
- Kinder Morgan Interstate Gas Transmission, Docket No. RP11-1494-000
- Tuscarora Gas Transmission Company, Docket No. RP11-1823-000
- Tennessee Gas Pipeline Company, Docket No. RP11-1566-000
- Trailblazer Pipeline Company, Docket No. RP11-2168-000
- Stingray Pipeline Company, Docket No. RP11-1957-000
- Northern Natural, Docket No. RP11-1781-000
- National Fuel Supply Corporation, Docket No. RP12-88-000
- MIGC, Docket No. RP12-122-000
- Wyoming Interstate Company, Docket No. RP13-184-000
- Southern Star Central Pipeline Company, Docket No. RP13-941-000
- Saltville Gas Storage, Docket No. RP14-251-000
- Sea Robin Pipeline Company, Docket No. RP14-247-000
- Williston Basin Pipeline Company, Docket No. RP14-118-000
- HIOS Pipeline Company, Docket No. RP14-218-000
- Mojave Pipeline Company, Docket No. RP14-1275-000
- Saltville Gas Storage, Docket No. RP14-251-000
- Florida Gas Transmission, Docket No. RP15-101-000
- Alliance Pipeline Company, Docket No RP15-1022-000
- Gulf South Pipeline Company, Docket No. RP15-65-000
- Columbia Gas Pipeline, Docket No. RP16-314-000
- KO Transmission Company, Docket No. RP16-1097-000
- ANR Pipeline Company, Docket No. RP16-440-000
- Columbia Gas Transmission, Docket No. RP16-302-000
- ECA/Greylock Pipeline, Docket No. CP16-35-000: Initial Rates
- Natural Gas Pipeline Company of America, Docket No. RP17-303-000
- Great Lakes Gas Transmission, Docket No. RP17-598-000
- Eastern Shore Pipeline Company, Docket No. RP17-363-000
- Mississippi River Transmission, Docket No. RP18-923-000
- Empire Pipeline Company, Docket No. RP18-940-000



Transcontinental Gas Pipeline, Docket No. RP18-1126-000

Natural Gas Experience-Continued

- Texas Eastern Transmission Company, Docket No. RP19-343-000
- Saltville Gas Storage, Docket No. RP18-1115-000
- East Tennessee Natural Gas Company, Docket Nos. RP19-63-000, RP19-64-000 & RP20-980-000
- Northern Natural Gas Company, Docket Nos. RP19-59-000 and RP19-1353-000
- Panhandle Eastern Pipeline Company, Docket No. RP19-78-000
- National Fuel Gas Supply, Docket No. RP19-1426-000
- Kinetica Deepwater Express, Docket Nos. RP19-53-000 and RP19-1634-000
- Dominion Energy Cove Point, Docket No. RP20-467-000
- Transcontinental Gas Pipeline, Docket Nos. RP20-614-000 and RP20-618-000
- Bridge-Line-LIGG Section 311 Filing, Docket No. PR20-48-000
- Columbia Gas Transmission, Docket No. RP20-1060-000
- Energy North, Docket No. DG 20-105
- Midwestern Gas Transmission Company, Docket No. RP21-525-000
- Southern Star Central Gas Pipeline, Inc., Docket. No. RP21-778-000
- Eastern Gas Transmission and Storage, L.P., Docket No. RP21-1187-000
- Texas Eastern Transmission Company, Docket No. RP21-1188-000
- Developed Section 7 Initial Rates to support LNG export for a confidential client
- Confidential Client, FERC Form 501-G Filing Assistance

Electric Experience

- AEP, Docket No. ER05-751-000
- Michigan Electric Transmission Company, Docket Nos. ER06-56-000 and ER06-56-002
- Duke Energy Vermillion, LLC, Docket No. ER05-123-000
- GenOn Power Midwest, LP (Now NRG), Docket No. ER12-1901-000
- SDG&E, Docket No. ER05-853-000
- Southern California Edison Company, Docket No. ER05-763-000
- Berkshire Power Company, LLC, Docket No. ER05-1179-000
- Milford Power Company, LLC, Docket No. ER05-163-000
- City of Anaheim, Docket No. ER11-3594-000
- City of Banning, Docket No. ER11-3962-000
- Delmarva Power and Light Company, Docket No. ER18-903-000
- Potomac Electric Power Company, Docket No. ER18-905-000
- Baltimore Gas & Electric Company, Docket No. ER17-528-000



Nebraska Public Power District, Docket No. EL18-194-000

Electric Experience-Continued

- Delmarva P&L Company, PEPCO, BG&E Company, Docket No. ER19-5-000
- Tri-State Generation and Transmission Association, Inc. Docket Nos. ER20-686-000, ER20-

688-001, ER20-726-000 and EL20-25-000

- NPPD vs. Tri-State Generation and Transmission, Docket No. EL21-100-000
- Confidential Client: Review of multiple entities RTO/ISO Formula Rates to ensure compliance with current FERC precedent.

Liquids Experience

- SFPP L.P., Docket No. OR03-5-000
- SFPP L.P., Docket No. OR03-5-001
- SFPP L.P., Docket No. IS08-390-002
- SFPP L.P., Docket No. IS09-437-000

Cost Allocation and Rate Design

Mr. Sosnick assists clients, regulatory agencies, and other experts developing and refining cost

allocation and rate design models.

Natural Gas Experience

- ANR Pipeline Company, Docket No. RP07-439-000
- El Paso Natural Gas Company, Docket No. RP08-426-000
- Sea Robin Pipeline Company, LLC, Docket Nos. RP10-422-000 & RP09-995-000
- Wyoming Interstate Company, Docket No. RP13-184-000
- Southern Star Central Pipeline Company, Docket No. RP13-941-000
- Sea Robin Pipeline Company, Docket No. RP14-247-000
- HIOS Pipeline Company, Docket No. RP14-218-000
- Saltville Gas Storage, Docket No. RP14-251-000
- Mojave Pipeline Company, Docket No. RP14-1275-000
- Florida Gas Transmission, Docket No. RP15-101-000
- Gulf South Pipeline Company, Docket No. RP15-65-000
- Columbia Gas Pipeline, Docket No. RP16-314-000
- KO Transmission Company, Docket No. RP16-1097-000
- ANR Pipeline Company, Docket No. RP16-440-000
- Columbia Gas Transmission, Docket No. RP16-302-000
- ECA/Greylock Pipeline; Docket No. CP16-35-000: Initial Rates



- Natural Gas Pipeline Company of America, Docket No. RP17-303-000
- Great Lakes Gas Transmission, Docket No. RP17-598-000
- Eastern Shore Pipeline Company, Docket No. RP17-363-000

Natural Gas Experience-Continued

- Mississippi River Transmission, Docket No. RP18-923-000
- Empire Pipeline Company, Docket No. RP18-940-000
- Transcontinental Gas Pipeline, Docket No. RP18-1126-000
- Saltville Gas Storage, Docket No. RP18-1115-000
- East Tennessee Natural Gas Company, Docket Nos. RP19-63-000 and RP19-64-000
- Northern Natural Gas Company, Docket Nos. RP19-59-000 and RP19-1353-000
- National Fuel Gas Supply, Docket No. RP19-1426-000
- Kinetica Deepwater Express, Docket Nos. RP19-53-000 and RP19-1634-000
- Dominion Energy Cove Point, Docket No. RP20-467-000
- Transcontinental Gas Pipeline, Docket Nos. RP20-614-000 and RP20-618-000
- Bridge-Line-LIGG Section 311 Filing, Docket No. PR20-48-000
- Columbia Gas Transmission, Docket No. RP20-1060-000
- Florida Gas transmission, Docket No. RP21-441-000
- Midwestern Gas Transmission Company, Docket No. RP21-525-000
- Southern Star Central Gas Pipeline, Inc., Docket. No. RP21-778-000
- Eastern Gas Transmission and Storage, L.P., Docket No. RP21-1187-000
- Confidential Client, FERC Form 501-G Filing Assistance
- Developed Section 7 Initial Rates to support LNG exporting for a confidential client
- Pacific Gas & Electric, Docket No. A.13-12-012: PG&E's 2015 Gas Accord

Electric Experience

- Pacific Gas & Electric, Docket No. ER05-116-000
- Michigan Electric Transmission Company, Docket Nos. ER06-56-000 and ER06-56-002
- City of Anaheim, Docket No. ER11-3594-000
- City of Banning, Docket No. ER11-3962-000
- Entergy Arkansas, Inc., Entergy Gulf States, Inc., Entergy Louisiana, Inc., Entergy Mississippi, Inc., and Entergy New Orleans, Inc., Docket No. ER07-927-000
- Oklahoma Gas and Electric Company, Docket No. ER08-281-000
- Midwest Independent Transmission System Operator, Inc., Docket No. ER12-715-003
- Nebraska Public Power District, Docket No. EL18-194-000
- Delmarva P&L Company, PEPCO, BG&E Company, Docket No. ER19-5-000



• Tri-State Generation and Transmission Association, Inc. Docket Nos. ER20-686-000, ER20-

688-001, ER20-726-000 and EL20-25-000

Electric Experience-Continued

 Confidential Client: Review of multiple entities RTO/ISO Formula Rates to ensure compliance with current FERC precedent

Regulatory Policy and Strategic Analysis

Utilizing his background in accounting, regulatory affairs, and the nuances of the energy sector Mr. Sosnick has helped clients ensure they are charging or paying appropriate rates, under terms and conditions that are just, reasonable, and not unduly discriminatory or preferential. In addition, Mr. Sosnick helps clients develop safe, reliable, and efficient energy infrastructure that serves the public interest.

Natural Gas Experience

- Strategic analysis for a large energy company considering alternatives for its existing pipeline and storage portfolio
- PG&E, Docket No. A.13-06-011: Participated in their Interstate Pipeline Capacity proceeding, for Core Transport Aggregators
- Confidential buy-side valuation and assessment of a regulated combination electric and natural gas utility in the U.S.
- Prepared expert report assessing and quantifying damages in civil litigation regarding the revenue sharing provisions of an Asset Management Agreement
- Strategic analysis of FERC's Form 501-G Final Order for a FERC regulated asset
- DTE Gas, Docket No. U-20236-- Developed rebuttal testimony regarding benefits analysis of NEXUS pipeline on DTE and other Michigan consumers.
- Confidential Client--Civil Litigation—Winter Storm Uri

Electric Experience

- Assisted in the formation of the Small Utility Distribution Company tariff language and operating agreement formed by the California Independent System Operator
- Developed GAAP to FERC accounting mapping for a new electric transmission provider Wisconsin Public Service Corporation, Led FERC Trial Staff review of the Wind-Up plan, costs, amortization and customers affected by the underlying the sale of the Kewaunee Nuclear Power Plant owned by Wisconsin Public Service Corp. Additionally, he ensured FERC precedent was followed in the determining the accounting for the costs included in the final settlement
- Assessed impacts of FERC Formula Rate challenge for a Transmission Owner in SPP
- Delmarva Power and Light Company, Docket No. ER18-903-000
- Potomac Electric Power Company, Docket No. ER18-905-000
- Baltimore Gas & Electric Company, Docket No. ER17-528-000



- Nebraska Public Power District, Docket No. EL18-194-000;
- Delmarva Power and Light Company, Potomac Electric Power Company, Baltimore Gas & Electric Company, Docket No. ER19-5-000

Electric Experience-Continued

- Tri-State Generation and Transmission Association, Inc. Docket Nos. ER20-686-000, ER20-688-001, ER20-726-000 and EL20-25-000
- NPPD vs. Tri-State Generation and Transmission, Docket No. EL21-100-000
- DTE Electric, Docket No. U-20528--Developed benefits analysis of NEXUS pipeline on DTE and other Michigan consumers
- DTE Electric, Docket No. U-20826 --Developed benefits analysis of NEXUS pipeline on DTE and other Michigan consumers
- DTE Electric, Docket No. U-21050 --Developed benefits analysis of NEXUS pipeline on DTE and other Michigan consumers
- Confidential Client: Review of multiple entities RTO/ISO Formula Rates to ensure compliance with current FERC precedent

Liquids Experience

- Liquids Shippers Group, Airlines for America and the National Propane Gas Association, Docket No. RM15-19-000
- Colonial Pipeline Company, Docket No. OR16-17-000
- SFPP, L.P., Opinion No. 511 & 511A: Examined Corporate Overhead Allocation methodologies of. for its compliance with Federal Energy Regulatory Commission policy
- Constructed a whitepaper on the impacts of FERC Orders in SFPP, LP Docket No. IS08-390 related to Master Limited Partnership and other pass-through entities income tax allowance

Tariffs

- Analyzed Open Access Transmission Tariff formula rates to verify conformity to FERC's Uniform System of Accounts and the structure of their formula had FERC's approval
- Participated in the review and refunding of Southern Company's RTO Development Costs that were collected erroneously through their Open Access Transmission Tariff, Unit Power Sales Agreements, and Transmission Service Agreements
- Confidential Client: Review of a SPP Member's ATRR to provide an opinion on the appropriateness of the inclusion of certain costs
- Confidential Client: Review of multiple entities RTO/ISO Formula Rates to ensure compliance with current FERC precedent
- Served the role of advisor to clients to internal FERC Trial Staff on settlements on FERC wholesale electric, liquid pipeline, and natural gas pipelines Tariff matters

Negotiations



- Coordinated Pre-filing Settlement negotiations on behalf of a firm storage customer in a state rate proceeding in the western US
- Facilitated the settlement of the refund amounts associated with the sale and related costs of the portion of the Kewaunee Nuclear Power Plant owned by Wisconsin Public Service Corp.

Negotiations--Continued

- California Independent System Operator Corporation, ER05-150: Reviewed the Utility Distribution Company Operating Agreement to ensure compliance with FERC precedent and coordinated with all parties to confirm understanding of commitments being filed
- PG&E, ER05-130: Reviewed the CASIO requirements and Western Interconnection Agreement as well as the FERC precedent to assist TPUD and PG&E to reach a settlement resolving the interconnection issue
- KO Transmission Company, Docket No. RP16-1097-000: Filed testimony on behalf of KO Transmission and served as the Rate Case Filing/Settlement Coordinator
- Served the role of lead FERC Trial Staff Technical Witness on settlements on FERC wholesale electric, liquid pipeline and natural gas pipelines related to cost of service and cost allocation and rate design

Presentations/Publication

- Panelist—EBA Energizer—FERC Pass-Through Taxation and Income Tax Allowance Recovery Policy Discussion
- Panelist EBA-Section 5 Perspectives, January 2018
- FC Intelligence-Natural Gas Impact, Transportation Options and Regulatory Oversight, May 2016
- Western States Association of Tax Administrators, four presentations between 2015 to 2017
- Panelist, "Will Fracking Change the Gas Pipeline Flows in Ways that Affect Rate Design and Cost Allocation?" EBA Mid-Year Meeting, November 2014
- Panelist AGA Rates School "FERC Issues", September 2021
- NARUC—State Approaches to Intervenor Compensation, December 2021

Courses Taught

- FERC Natural Gas 101, FERC Natural Gas Pipeline Cost of Service, Cost Allocation and rate Design, FERC Natural Gas Pipeline Rate Case Process—Presenter--EUCI, Inc., 2013 to present
- New Mexico State University Center for Public Utilities Practical and Regulatory Training for the Natural Gas Interstate Pipeline Industry at the Sheraton Uptown in Albuquerque, NM specifically addressing FERC requirements for determining "Just and Reasonable" rates (Cost of Service Ratemaking), five presentations between 2007 to 2011



• Centra Gas/Manitoba Hydro-On-site in Winnipeg, Canada--Two-day course on FERC Electric and Natural Gas Rates and Regulatory Oversight

Incremental Production Cost Support Summary (LNG Facility)

Line	Description	Total	Units	
1	Cost of incremental LNG capacity	7,361,103	\$, 2021	[1]
2	Incremental capacity	9,600	dth	[2]
3	Unit cost of incremental capacity	766.78	\$/dth	[3]
4	Year of incremental LNG capacity analysis	2021		[4]
5	Base year of MCS study	2023		[5]
6	Period adjustment	1.114		[6]
7	Current-year unit cost of incremental capacity	854.41	\$/dth	[7]
8	Percentage related to pressure support	8.73%		[8]
9	Marginal cost of production plant for distribution function (\$/dth)	74.62	\$/dth	[9]

[1] Source: Company data[2] Source: Company data

[3] Equals [1]/[2]

[6] Source: U.S. Bureau of Economic Analysis, Gross Domestic Product Implicit Price Deflator

[7] Equals [3]*[6]

[8] Source: Company data

[9] Equals [7]*[8]

Marginal Capacity-Related Distribution Plant Costs for Reinforcements

		Design Day Demand	Incremental Design Day	Reinforcement Cost	
Line No.	Year	(Dth)	Demand (Dth)	(Constant \$)	Cumulative Total
	[1]	[2]	[3]	[4]	[5]
1	2023	178,071	0	\$1,375,000	\$1,375,000
2	2024	179,745	1,675	\$1,250,000	\$2,625,000
3	2025	182,040	2,294	\$1,300,000	\$3,925,000
4	2026	183,164	1,125	\$3,350,000	\$7,275,000
5	2027	184,091	927	\$11,710,000	\$18,985,000
6	2028	184,503	412	\$15,265,000	\$34,250,000
7	2029	186,526	2,023	\$1,450,000	\$35,700,000
8	2030	187,739	1,213	\$3,265,000	\$38,965,000
9	2031	188,888	1,149	\$2,675,000	\$41,640,000
10	2032	189,267	379	\$3,721,000	\$45,361,000
11	2033	191,197	1,930	\$1,150,000	\$46,511,000
12	Total (2023 - 2033)		13,126	\$46,511,000	
13	REGRESSION RESULTS			Col. [5] vs. Col. [2]	
14	Slope			4,205.320	
15	Y Intercept			(752,925,952.933)	
16	R^2			0.886	
17	t-stat			8.346	
18	p-value			0.000	
19	Regression Estimate		[Line 14]	\$4,205.32	
20	ASSUMED MARGINAL COSTS I	FOR REINFORCEMENT			
21	Mains Reinforcements - Syste	m Enhancement Projects 2023-203	3	\$51,320,000	
22	Increase in Decatherms for Sy	stem Enhancement Projects		40,000	
23	Marginal Cost For System Enh	ancement Projects		\$1,283	•
24	Mains Reinforecements - Gas	System Planning and Reliability - Ro	egression Slope	\$4,205.3	
25					
26	\$s per Design Day Decatherm			\$5,488.3	•
NOTES:					

NOTES:

Forecast used to develop marginal distribution investment taken from engineer's estimates (company data).

SUMMARY OUTPUT

Regression Statistics							
Multiple R	0.941048351						
R Square	0.885572						
Adjusted R Square	0.872857777						
Standard Error	6577063.71						
Observations	11						
Observations							

	df	SS	MS	F	Significance F
Regression	1	3.01299E+15	3.01299E+15	69.65207783	1.57608E-05
Residual	9	3.8932E+14	4.32578E+13		
Total	10	3.40231E+15			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-752925952.9	93250517.72	-8.074228126	2.05588E-05	-963873279.5	-541978626.3	-963873279.5	-541978626.3
X Variable 1	4205.320454	503.8857275	8.345782038	1.57608E-05	3065.451746	5345.189161	3065.451746	5345.189161

Marginal Capacity Related Distribution Plant Costs for Mains Extensions

1								Steel/Plastic Mains					
			Dummy				Cost of Mains	Handy-Whitman Cost		Cost of Mains			
		Design Day Demand	Variable: 2012 -	Interaction Variable:	Dummy Variable:	Incremental Design	Extensions Installed	Index	Conversion	Installed			
Line No.	Year	(Dth)	2022	Col [2] x Col [3]	2001 - 2003	Day Demand (Dth)	(\$)	(Weighted Avg)	Factor (\$2022)	(\$2022)	Cumulative Total	Increme	ntal Avg Cost
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]	[11]	[12]	[13]
1	1989	94,340	0	0	0	0	\$2,102,827	283	2.66	\$5,587,935	\$5,587,935	34yr avg	\$2,044.0
2	1990	95,525	0	0	0	1,185	\$1,724,250	290	2.59	\$4,469,248	\$10,057,182	33yr avg	\$1,978.7
3	1991	97,891	0	0	0	2,366	\$1,341,529	297	2.52	\$3,387,169	\$13,444,351	32yr avg	\$1,953.5
4	1992	101,018	0	0	0	3,127	\$1,489,922	303	2.48	\$3,696,356	\$17,140,707	31yr avg	\$1,968.5
5	1993	101,899	0	0	0	882	\$1,018,848	311	2.42	\$2,461,995	\$19,602,702	30yr avg	\$1,999.7
6	1994	104,535	0	0	0	2,635	\$975,268	320	2.35	\$2,291,566	\$21,894,268		\$1,990.8
7	1995	107,163	0	0	0	2,628	\$667,884	329	2.28	\$1,522,904	\$23,417,172		\$2,030.0
8	1996	112,323	0	0	0	5,160	\$1,138,184	333	2.25	\$2,565,470	\$25,982,642		\$2,082.4
9	1997	118,475	0	0	0	6,152	\$4,396,282	340	2.21	\$9,695,119	\$35,677,761		\$2,203.5
10	1998	119,650	0	0	0	1,176	\$1,792,794	349	2.15	\$3,853,297	\$39,531,058		\$2,266.4
11	1999	127,994	0	0	0	8,344	\$2,415,815	354	2.12	\$5,123,793	\$44,654,851		\$2,246.7
12	2000	123,296	0	0	0	-4,698	\$3,440,754	362	2.07	\$7,128,180	\$51,783,031		\$2,509.3
13	2001	120,420	0	0	1	-2,876	\$8,588,507	389	1.93	\$16,590,382	\$68,373,413		\$2,174.9
14	2002	117,163	0	0	1	-3,257	\$5,787,927	380	1.97	\$11,424,671	\$79,798,084		\$1,790.6
15	2003	129,188	0	0	1	12,025	\$6,335,289	389	1.93	\$12,216,808	\$92,014,892		\$1,515.4
16	2004	135,096	0	0	0	5,908	\$2,804,933	415	1.81	\$5,080,465	\$97,095,357		\$1,633.9
17	2005	138,566	0	0	0	3,470	\$1,761,281	446	1.68	\$2,964,556	\$100,059,913		\$1,736.1
18	2006	142,066	0	0	0	3,500	\$1,531,679	496	1.51	\$2,317,644	\$102,377,557		\$1,810.1
19	2007	146,269	0	0	0	4,203	\$2,092,072	496	1.51	\$3,164,611	\$105,542,168		\$1,916.4
20	2008	148,760	0	0	0	2,491	\$1,779,635	582	1.29	\$2,296,546	\$107,838,714		\$2,062.0
21	2009	147,487	1	147,487	0	-1,273	\$5,177,230	554	1.36	\$7,020,939	\$114,859,653		\$2,153.3
22	2010	150,439	1	150,439	0	2,952	\$1,853,067	554	1.36	\$2,511,715	\$117,371,368		\$1,851.8
23	2011	145,478	1	145,478	0	-4,961	\$1,419,065	545	1.38	\$1,954,361	\$119,325,729		\$1,952.2
24	2012	149,203	1	149,203	0	3,725	\$3,379,136	561	1.34	\$4,526,812	\$123,852,541		\$1,613.7
25	2013	154,471	1	154,471	0	5,268	\$2,245,707	567	1.32	\$2,975,039	\$126,827,581		\$1,662.1
26	2014	160,216	1	160,216	0	5,745	\$2,424,524	568	1.32	\$3,202,729	\$130,030,310		\$1,889.8
27	2015	158,060	1	158,060	0	-2,157	\$2,684,371	569	1.32	\$3,539,404	\$133,569,713		\$2,279.4
28	2016	163,606	1	163,606	0	5,546	\$2,246,935	602	1.25	\$2,802,472	\$136,372,186		\$1,891.6
29	2017 2018	169,976	1	169,976	0	6,370	\$4,426,087	601	1.25	\$5,532,214	\$141,904,399		\$2,364.5
30 31	2018	173,822	1	173,822	0	3,846	\$9,277,518	616 630	1.22	\$11,303,449	\$153,207,848		\$3,328.2 \$3,575.8
		179,564		179,564	0	5,742	\$8,477,001		1.19	\$10,107,467	\$163,315,315		
32 33	2020 2021	175,262 176,760	1	175,262		-4,301	\$4,521,654 \$3,192,152	646 695	1.16	\$5,254,390 \$3,448,668	\$168,569,705		\$38,206.5 \$1,357.5
33	2021		1	176,760	0	1,498		751	1.08 1.00		\$172,018,372		\$1,357.5
34	2022	179,865	1	179,865	U	3,105	\$2,799,448	/51	1.00	\$2,799,448	\$174,817,820	Current	\$901.6
35	34yr avg												\$2,044.06
36	20yr avg												\$1,515.42
37	10yr avg												\$1,662.16
38	5yr avg												\$3,328.27
39	Current												\$901.67

 40
 REGRESSION RESULTS
 Col. [11] vs. Col. [2] to Col [5]

 41
 Slope for the period 2009 and beyond
 1,620.78

 42
 Y Intercept
 (185,489,978)

 43
 R²
 0,977

 44
 t-stat
 16.985

 45
 p-value
 0.000

 46
 Regression Estimate
 [Line 41]
 \$1,620.78

 47
 MARGINAL COSTS FOR MAINS EXTENSIONS ADDITIONS
 \$1,620.78

 48
 Sp per Design Day Decatherm
 \$1,620.78

NOTES:

Source: Company data.

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.988514836
R Square	0.977161581
Adjusted R Square	0.974011454
Standard Error	8685541.054
Observations	34

-	df	SS	MS	F	Significance F
Regression	4	9.36035E+16	2.34009E+16	310.1975461	2.40774E-23
Residual	29	2.18772E+15	7.54386E+13		
Total	33	9.57912E+16			

-	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-185489978.5	13927159.46	-13.31857935	6.91142E-14	-213974217.8	-157005739.1	-213974217.8	-157005739.1
X Variable 1	1972.844351	116.1554729	16.98451482	1.3074E-16	1735.279734	2210.408967	1735.279734	2210.408967
X Variable 2	62192865.65	34232112.83	1.816798921	0.079597052	-7819666.221	132205397.5	-7819666.221	132205397.5
X Variable 3	-352.0624452	223.6594794	-1.574100262	0.126312143	-809.4974422	105.3725518	-809.4974422	105.3725518
X Variable 4	24357933.29	5456376.671	4.464122394	0.000112113	13198389.98	35517476.6	13198389.98	35517476.6

Marginal Capacity-Related Distribution O&M Expense

ne No.	Year	Design Day Demand (Dth)	Capacity-Related O&M Expense (\$)	GDP Implicit Price Deflator	Conversion Factor (\$2022)	Capacity-Related O&M Expense (\$2022)	Avera	ge Cost
110.	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]
1	1989	94,340	\$1,945,026	61.34	2.07	\$4,034,465	. ,	\$42.62
2	1990	95,525	\$1,893,462	63.63	2.00	\$3,785,793		\$42.61
3	1991	97,891	\$1,918,550	65.78	1.93	\$3,710,466		\$42.68
4	1992	101,018	\$2,040,158	67.28	1.89	\$3,857,750		\$42.79
5	1993	101,899	\$2,151,230	68.88	1.85	\$3,973,577		\$42.89
6	1994	104,535	\$2,529,506	70.35	1.81	\$4,574,663		\$42.99
7	1995	107,163	\$2,598,141	71.82	1.77	\$4,602,228		\$42.97
8	1996	112,323	\$2,558,264	73.14	1.74	\$4,450,116		\$42.97
9	1997	118,475	\$2,645,969	74.40	1.71	\$4,524,668		\$43.07
10	1998	119,650	\$2,768,391	75.24	1.69	\$4,681,347		\$43.22
11	1999	127,994	\$2,626,392	76.30	1.67	\$4,379,523		\$43.36
12	2000	123,296	\$2,781,957	78.03	1.63	\$4,536,133	, ,	\$43.69
13				79.78				\$43.95
14	2001 2002	120,420	\$2,518,609		1.59	\$4,016,238		
		117,163	\$2,241,570	81.03	1.57	\$3,519,629		\$44.34
15 16	2003 2004	129,188	\$3,479,902	82.63	1.54	\$5,358,271		\$44.88 \$45.02
		135,096	\$3,370,059	84.84	1.50	\$5,053,480		
17 18	2005	138,566	\$3,675,620	87.50	1.45	\$5,344,066		\$45.38
	2006	142,066	\$4,093,085	90.20	1.41	\$5,772,900		\$45.73
19	2007	146,269	\$4,154,511	92.64	1.37	\$5,705,334		\$46.01
20	2008	148,760	\$4,431,308	94.42	1.35	\$5,970,925		\$46.43
21	2009	147,487	\$4,882,340	95.02	1.34	\$6,536,779		\$46.84
22	2010	150,439	\$5,316,649	96.17	1.32	\$7,033,727		\$47.02
23	2011	145,478	\$4,976,899	98.16	1.30	\$6,450,236		\$47.04
24	2012	149,203	\$3,277,420	100.00	1.27	\$4,169,665		\$47.25
25	2013	154,471	\$4,743,594	101.75	1.25	\$5,931,136	, ,	\$48.95
26	2014	160,216	\$7,930,472	103.65	1.23	\$9,733,791		\$50.01
27	2015	158,060	\$7,395,141	104.69	1.22	\$8,986,822		\$48.76
28	2016	163,606	\$6,501,276	105.74	1.20	\$7,822,190		\$47.71
29	2017	169,976	\$7,161,084	107.75	1.18	\$8,455,408		\$47.70
30	2018	173,822	\$8,255,274	110.34	1.15	\$9,518,566		\$47.30
31	2019	179,564	\$8,185,922	112.32	1.13	\$9,272,296		\$45.48
32	2020	175,262	\$6,955,984	113.78	1.12	\$7,777,614		\$43.40
33	2021	176,760	\$7,248,202	118.90	1.07	\$7,755,964		\$42.92
34	2022	179,865	\$7,551,791	127.22	1.00	\$7,551,791	Current	\$41.99
35	34yr avg							\$42.62
36	20yr avg							\$44.88
37	10yr avg							\$48.95
38	5yr avg							\$47.30
39	Current							\$41.99
40	REGRESSION RESULTS				Col. [6] vs. Col. [2]			
41	Slope				61.687			
42	Y Intercept				(2,616,951)			
43	R ²				0.765			
44	t-stat				10.210			
45	p-value				0.000			
46	Regression Estimate			[Line 41]	\$61.69			
47	ASSUMED MARGINA	L COSTS FOR CAPACITY	-RELATED O&M					
48	\$s per Design Day De	ecatherm			\$61.69			
	· · · · · ·							

NOTES: 1 2

- 1 Source: Company data.
- 2 GDP implicit price deflator obtained from Bureau of Economic Analysis/FRED database.

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.874710898
R Square	0.765119156
Adjusted R Square	0.75777913
Standard Error	929967.0097
Observations	34

	df	SS	MS	F	Significance F
Regression	1	9.01502E+13	9.01502E+13	104.2392924	1.36091E-11
Residual	32	2.76748E+13	8.64839E+11		
Total	33	1.17825E+14			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95%
Intercept	-2616950.997	844347.8416	-3.099375481	0.004023846	-4336831.269	-897070.73	-4336831.27	-897070.725
X Variable 1	61.68741391	6.042001609	10.20976456	1.36091E-11	49.38025937	73.9945684	49.38025937	73.9945684

Marginal Capacity-Related Production Expense

ı							Annual Avg.		
		Design Day	Capacity-Related			Capacity-Related	Capacity Related	Cummulative A	vg. Capacity
		Demand	Production	GDP Implicit Price		Production Expense	Production O&M	Related Product	
Line No.	Year	(Dth)	Expense (\$)	Deflator	(\$2022)	(\$2022)	Per Customer	Custor	
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
1	1989	94,340	\$715,386	61.34	2.07	\$1,483,888	\$15.73	34yr avg	\$8.63
2	1990	95,525	\$835,263	63.63	2.00	\$1,670,027	\$17.48	33yr avg	\$8.42
3 4	1991 1992	97,891	\$729,836	65.78 67.28	1.93 1.89	\$1,411,499	\$14.42	32yr avg	\$8.14 \$7.93
5	1993	101,018 101,899	\$636,334 \$669,158	68.88	1.85	\$1,203,248 \$1,236,014	\$11.91 \$12.13	31yr avg 30yr avg	\$7.93 \$7.80
6	1994	104,535	\$769,726	70.35	1.81	\$1,392,065	\$13.32	29yr avg	\$7.65
7	1995	107,163	\$744,765	71.82	1.77	\$1,319,243	\$12.31	28yr avg	\$7.45
8	1996	112,323	\$796,685	73.14	1.74	\$1,385,838	\$12.34	27yr avg	\$7.27
9	1997	118,475	\$814,444	74.40	1.71	\$1,392,718	\$11.76	26yr avg	\$7.07
10	1998	119,650	\$770,390	75.24	1.69	\$1,302,729	\$10.89	25yr avg	\$6.89
11	1999	127,994	\$727,651	76.30	1.67	\$1,213,362	\$9.48	24yr avg	\$6.72
12	2000	123,296	\$341,597	78.03	1.63	\$556,992	\$4.52	23yr avg	\$6.60
13	2001	120,420	\$420,954	79.78	1.59	\$671,264	\$5.57	22yr avg	\$6.69
14	2002	117,163	\$556,957	81.03	1.57	\$874,513	\$7.46	21yr avg	\$6.75
15	2003	129,188	\$453,628	82.63	1.54	\$698,486	\$5.41	20yr avg	\$6.71
16	2004	135,096	\$477,344	84.84	1.50	\$715,788	\$5.30	19yr avg	\$6.78
17	2005	138,566	\$589,292	87.50	1.45	\$856,785	\$6.18	18yr avg	\$6.86
18	2006	142,066	\$493,007	90.20	1.41	\$695,339	\$4.89	17yr avg	\$6.90
19	2007	146,269	\$501,463	92.64	1.37	\$688,652	\$4.71	16yr avg	\$7.03
20 21	2008	148,760	\$513,967	94.42	1.35	\$692,540	\$4.66	15yr avg	\$7.18
21	2009 2010	147,487	\$441,329 \$347,937	95.02 96.17	1.34 1.32	\$590,879	\$4.01 \$3.06	14yr avg	\$7.36 \$7.62
23	2010	150,439 145,478	\$336,030	98.16	1.30	\$460,308 \$435,507	\$2.99	13yr avg 12yr avg	\$8.00
24	2012	149,203	\$489,978	100.00	1.27	\$623,370	\$4.18	11yr avg	\$8.46
25	2013	154,471	\$892,778	101.75	1.25	\$1,116,282	\$7.23	10yr avg	\$8.88
26	2014	160,216	\$1,004,578	103.65	1.23	\$1,233,010	\$7.70	9yr avg	\$9.07
27	2015	158,060	\$1,067,268	104.69	1.22	\$1,296,979	\$8.21	8yr avg	\$9.24
28	2016	163,606	\$1,008,813	105.74	1.20	\$1,213,781	\$7.42	7yr avg	\$9.39
29	2017	169,976	\$1,348,685	107.75	1.18	\$1,592,452	\$9.37	6yr avg	\$9.72
30	2018	173,822	\$1,318,304	110.34	1.15	\$1,520,042	\$8.74	5yr avg	\$9.79
31	2019	179,564	\$1,610,711	112.32	1.13	\$1,824,472	\$10.16	4yr avg	\$10.05
32	2020	175,262	\$1,638,576	113.78	1.12	\$1,832,122	\$10.45	3yr avg	\$10.01
33	2021	176,760	\$1,597,542	118.90	1.07	\$1,709,455	\$9.67	2yr avg	\$9.79
34	2022	179,865	\$1,780,735	127.22	1.00	\$1,780,735	\$9.90	Current	\$9.90
35	34yr avg								\$8.63
36	20yr avg								\$6.71
37	10yr avg								\$8.88
38	5yr avg								\$9.79
39	Current								\$9.90
40	REGRESSION R	ESULTS			Col. [6] vs. Col. [2]				
41	Slope				1.982				
42	Y Intercept				865,942.06				
43	R ²				0.015				
44	t-stat				0.709				
45	p-value				0.484				
46	Regression Esti	mate		[Line 41]	\$1.98				
47	ASSLIMED I	AARGINAI COST	S FOR CAPACITY-REL	ATEN BRONLICTION			Allocation to Distribution Function	Production (Pressure Support) Expense	
47	5yr avg	IIANGIIVAL CUST	J I ON CAFACITI-REL	MILD FRODUCTION			i unction	LAPEIISE	
49	, ,	n Day Decather	m		\$9.79		8.73%	\$0.85	

NOTES:

- 1 Source: Company data.
- 2 GDP implicit price deflator obtained from Bureau of Economic Analysis/FRED database.
- $\label{eq:Regression} \textbf{Regression results show negative coefficient, low R}^2 \ \text{value, so average cost estimate used.}$

SUMMARY OUTPUT

Regression S	Regression Statistics								
Multiple R	0.1243207								
R Square	0.01545564								
Adjusted R Squar	-0.01531138								
Standard Error	430447.426								
Observations	34								

AITOTA					
	df	SS	MS	F	Significance F
Regression	1	93076875214	93076875214	0.502344399	0.483603659
Residual	32	5.92912E+12	1.85285E+11		
Total	33	6.0222F+12			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	865942.057	390817.4712	2.215719923	0.033945774	69872.91886	1662011.196	69872.91886	1662011.2
X Variable 1	1.98213939	2.796619679	0.708762583	0.483603659	-3.714388486	7.678667261	-3.714388486	7.67866726

Services and Meters Plant Investment Costs

Line	Description	R-1	R3, R-4	G-41	G-42	G-43	G-51	G-52	G-53	G-54	
1	<u>Services</u>										
2	Cost per Service	\$7,487	\$7,487	\$7,952	\$11,510	\$7,169	\$7,952	\$11,510	\$7,169	\$7,169	[1]
3	Customers per Service	1.43	1.43	1.43	1.43	<u>1.43</u>	1.43	1.43	1.43	1.43	[2]
4	Average Service Cost Per Customer	\$5,250	\$5,250	\$5,576	\$8,072	\$5,027	\$5,576	\$8,072	\$5,027	\$5,027	[3]
5	Meters and regulators										
6	Installed Cost per Meter	\$732	\$732	\$1,805	\$4,060	\$9,858	\$1,805	\$4,060	\$9,858	\$9,858	[4]
7	Customers per Meter	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	[5]
8	Average Meter Cost per Customer	\$732	\$732	\$1,805	\$4,060	\$9,858	\$1,805	\$4,060	\$9,858	\$9,858	[6]

[1] Source: Company data[2] Source: Company data

[3] Equals [1]/ [2]

[4] Source: Company data [5] Source: Company data

[6] Equals [4] / [5]

Marginal Customer-Related O&M Expense

		Annual	Customer-Related	GDP Implicit	Conversion	Customer- Related O&M	Annual Avg. Customer Related O&M	Customer O&M	Related Per
Line No.	Year	Customers	O&M Expense (\$)	Price Deflator	, ,	Expense (\$2022)		Custo	
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
1	1989	58,809	\$3,265,009	61.34	2.07	\$6,772,439	\$115.16		\$73.74
2	1990	60,216	\$3,297,919	63.63	2.00	\$6,593,869	\$109.50	, ,	\$72.49
3	1991	60,958	\$3,391,122	65.78	1.93	\$6,558,413	\$107.59	32yr avg	\$71.33
4	1992	61,725	\$3,502,421	67.28	1.89	\$6,622,751	\$107.29		\$70.16
5	1993	62,566	\$3,522,064	68.88	1.85	\$6,505,671	\$103.98		\$68.92
6	1994	64,044	\$3,720,493	70.35	1.81	\$6,728,589	\$105.06		\$67.71
7	1995	65,385	\$3,736,123	71.82	1.77	\$6,617,999	\$101.22	, ,	\$66.38
8	1996	66,464	\$3,391,523	73.14	1.74	\$5,899,575	\$88.76	27yr avg	\$65.09
9	1997	67,928	\$3,405,043	74.40	1.71	\$5,822,702	\$85.72	26yr avg	\$64.18
10	1998	69,588	\$3,507,511	75.24	1.69	\$5,931,197	\$85.23	25yr avg	\$63.32
11	1999	71,291	\$3,481,936	76.30	1.67	\$5,806,148	\$81.44	24yr avg	\$62.40
12	2000	73,106	\$2,984,429	78.03	1.63	\$4,866,273	\$66.56	23yr avg	\$61.58
13	2001	74,959	\$3,275,394	79.78	1.59	\$5,223,026	\$69.68	22yr avg	\$61.35
14	2002	74,721	\$2,439,210	81.03	1.57	\$3,829,957	\$51.26	21yr avg	\$60.95
15	2003	78,438	\$2,340,691	82.63	1.54	\$3,604,139	\$45.95	20yr avg	\$61.44
16	2004	80,221	\$2,348,327	84.84	1.50	\$3,521,369	\$43.90	19yr avg	\$62.25
17	2005	81,735	\$2,621,664	87.50	1.45	\$3,811,695	\$46.64	18yr avg	\$63.27
18	2006	82,474	\$2,750,067	90.20	1.41	\$3,878,703		17yr avg	\$64.25
19	2007	83,637	\$3,087,832	92.64	1.37	\$4,240,477		16yr avg	\$65.33
20	2008	83,943	\$3,445,440	94.42	1.35	\$4,642,526		15yr avg	\$66.30
21	2009	84,346	\$3,828,174	95.02	1.34	\$5,125,395		14yr avg	\$67.09
22	2010	84,420	\$4,444,691	96.17	1.32	\$5,880,158		13yr avg	\$67.57
23	2011	85,286	\$4,037,750	98.16	1.30	\$5,233,067		12yr avg	\$67.40
24	2012	85,862	\$3,209,604	100.00	1.27	\$4,083,386		11yr avg	\$67.95
25	2013	86,972	\$3,817,221	101.75	1.25	\$4,772,849		10yr avg	\$69.99
26	2014	87,754	\$6,271,678	103.65	1.23	\$7,697,801	\$87.72	, ,	\$71.67
27	2015	90,335	\$5,696,782	104.69	1.22	\$6,922,920	\$76.64		\$69.66
28	2016	95,236	\$5,856,722	105.74	1.20	\$7,046,677	\$73.99		\$68.66
29	2017	93,291	\$5,832,460	107.75	1.18	\$6,886,643	\$73.82		\$67.78
30	2018	94,965	\$6,333,758	110.34	1.15	\$7,303,003	\$76.90		\$66.57
31	2019	96,597	\$6,001,828	112.32	1.13	\$6,798,345	\$70.38		\$63.99
32	2020	98,022	\$5,534,841	113.78	1.12	\$6,188,608	\$63.13		\$61.85
33	2021	98,689	\$6,327,434	118.90	1.07	\$6,770,692	\$68.61	, ,	\$61.21
34	2022	99,014	\$5,329,069	127.22	1.00	\$5,329,069		Current	\$53.82
35	34yr avg								\$73.74
36	20yr avg								\$61.44
37	10yr avg								\$69.99
38	5yr avg								\$66.57
39	Current								\$53.82
40	REGRESSION RESULTS				Col. [6] vs. Col. [2	1			
41	Slope				(2.551)				
42	Y Intercept				5,894,420.73				
43	R ²				0.001				
44	t-stat				(0.151)				
45	p-value				0.881				
46	Regression Estimate			[Line 41]	(\$2.55)				
47		AL COSTS FOR	CUSTOMER-RELATE	D O&M					
48	10yr avg								
49	\$s per Customer				\$69.99				

NOTES:

- 1
- Source: Company data.

 GDP implicit price deflator obtained from Bureau of Economic Analysis/FRED database. 2
- Regression results show extremely low R^2 value and negative sign, so average cost estimate is used.

SUMMARY OUTPUT

Regression :	Statistics
Multiple R	0.0265982
R Square	0.0007075
Adjusted R Square	-0.0305204
Standard Error	1223741.8
Observations	34

	df	SS	MS	F	Significance F
Regression	1	33926700742	33926700742	0.022654892	0.881302761
Residual	32	4.79214E+13	1.49754E+12		
Total	33	4.79553E+13			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	ower 95.0%	per 95.0%
Intercept	5894420.7	1363418.538	4.323265793	0.000140102	3117228.045	8671613.41	3117228	9E+06
X Variable 1	-2 5505664	16 94554841	-0 150515422	0.881302761	-37 06751897	31 9663862	-37 068	31 966

Class Weighting of Services and Meter Plant Expense

Line	Description	R1	R-3, R-4	G-41	G-42	G-43	G-51	G-52	G-53	G-54	Total	l
1	Test year customers	3,420	81,934	9,678	1,476	65	1,295	414	34	27	95,602	[1]
2	Meters cost per customer	\$732	\$732	\$1,805	\$4,060	\$9,858	\$1,805	\$4,060	\$9,858	\$9,858		[2]
3	Services cost per customer	\$5,250	\$5,250	\$5,576	\$8,072	\$5,027	\$5,576	\$8,072	\$5,027	\$5,027		[3]
4	Services and meters per customer total	\$5,982	\$5,982	\$7,381	\$12,132	\$14,885	\$7,381	\$12,132	\$14,885	\$14,885		[4]
5	Total cost	\$20,457,818	\$490,111,480	\$71,440,340	\$17,903,388	\$964,143	\$9,561,042	\$5,017,805	\$513,514	\$397,673	\$616,367,203	[5]
6	Average cost per customer										\$6,447	[6]
7	Relative weight per customer	0.93	0.93	1.14	1.88	2.31	1.14	1.88	2.31	2.31		[7]
8	System average marginal cost per customer	\$69.99	\$69.99	\$69.99	\$69.99	\$69.99	\$69.99	\$69.99	\$69.99	\$69.99		[8]
9	Class weighted marginal cost per customer	\$64.94	\$64.94	\$80.13	\$131.70	\$161.58	\$80.13	\$131.70	\$161.58	\$161.58		[9]

[1] Source: Company data

[2] MCOS-3, p. 1, ln 6

[3] MCOS-3, p. 1, ln 4

[4] Equals [2]+[3]

[5] Equals [1]*[4]

[6] Equals $\sum_{[5]}/\sum_{[1]}$

[7] Equals [3]/[6]

[8] MCOS-3, p. 2, ln 49

[9] Equals [7]*[8]

Marginal Customer-Related Accounting & Marketing Expense

Line No.	Year	Annual Customers	Customer-Related Accounting & Marketing Expense (\$)	GDP Implicit Price Deflator	Conversion Factor (\$2022)	Customer-Related Accounting & Marketing Expense (\$2022)	Annual Avg. Customer Acct. & Mrkt. Exp. O&M Per Customer	Acct. & Mrkt.	Avg. Customer Exp. O&M Per omer
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
1	1989	58,809	\$2,864,392	61.34	2.07	\$5,941,459	\$101.03	34yr avg	\$74.47
2	1990	60,216	\$3,442,112	63.63	2.00	\$6,882,168	\$114.29	33yr avg	\$73.66
3	1991	60,958	\$3,565,057	65.78	1.93	\$6,894,803	\$113.11	32yr avg	\$72.39
4	1992	61,725	\$3,740,667	67.28	1.89	\$7,073,253	\$114.59	31yr avg	\$71.08
5	1993	62,566	\$4,032,636	68.88	1.85	\$7,448,758	\$119.05	30yr avg	\$69.63
6	1994	64,044	\$3,935,631	70.35	1.81	\$7,117,670	\$111.14	29yr avg	\$67.92
7	1995	65,385	\$3,677,860	71.82	1.77	\$6,514,794	\$99.64	28yr avg	\$66.38
8	1996	66,464	\$3,695,729	73.14	1.74	\$6,428,743	\$96.73	27yr avg	\$65.15
9	1997	67,928	\$3,390,219	74.40	1.71	\$5,797,352	\$85.35	26yr avg	\$63.94
10	1998	69,588	\$3,377,588	75.24	1.69	\$5,711,498	\$82.08	25yr avg	\$63.08
11	1999	71,291	\$3,319,897	76.30	1.67	\$5,535,947	\$77.65	24yr avg	\$62.29
12	2000	73,106	\$3,042,687	78.03	1.63	\$4,961,266	\$67.86	23yr avg	\$61.62
13	2001	74,959	\$1,318,450	79.78	1.59	\$2,102,434	\$28.05	22yr avg	\$61.34
14	2002	74,721	\$1,114,892	81.03	1.57	\$1,750,562	\$23.43	21yr avg	\$62.92
15	2003	78,438	\$2,340,981	82.63	1.54	\$3,604,587	\$45.95	20yr avg	\$64.89
16	2004	80,221	\$3,171,337	84.84	1.50	\$4,755,492	\$59.28	19yr avg	\$65.89
17	2005	81,735	\$3,204,083	87.50	1.45	\$4,658,487	\$57.00	18yr avg	\$66.26
18	2006	82,474	\$4,130,827	90.20	1.41	\$5,826,131	\$70.64	17yr avg	\$66.80
19	2007	83,637	\$3,990,833	92.64	1.37	\$5,480,557	\$65.53	16yr avg	\$66.56
20	2008	83,943	\$3,927,632	94.42	1.35	\$5,292,251	\$63.05	15yr avg	\$66.63
21	2009	84,346	\$4,317,533	95.02	1.34	\$5,780,580	\$68.53	14yr avg	\$66.89
22	2010	84,420	\$4,816,133	96.17	1.32	\$6,371,563	\$75.47	13yr avg	\$66.76
23	2011	85,286	\$7,556,567	98.16	1.30	\$9,793,577	\$114.83	12yr avg	\$66.04
24	2012	85,862	\$9,647,965	100.00	1.27	\$12,274,527	\$142.96	11yr avg	\$61.60
25	2013	86,972	\$3,519,219	101.75	1.25	\$4,400,243	\$50.59	10yr avg	\$53.47
26	2014	87,754	\$5,036,775	103.65	1.23	\$6,182,093	\$70.45	9yr avg	\$53.78
27 28	2015 2016	90,335 95,236	\$5,637,886 \$4,757,333	104.69 105.74	1.22 1.20	\$6,851,348 \$5,723,916	\$75.84 \$60.10	8yr avg	\$51.70 \$48.25
28 29	2016	93,291	\$4,616,915	105.74	1.18	\$5,723,916	\$58.43	7yr avg	\$46.28
30	2017	94,965	\$4,956,435	110.34	1.15	\$5,451,395 \$5,714,911	\$60.18	6yr avg	\$43.85
31	2018	94,965	\$3,956,378	112.32	1.13	\$4,481,439	\$46.39	5yr avg 4yr avg	\$39.76
32	2019	98,022	\$3,513,760	113.78	1.12	\$3,928,800	\$40.08		\$37.55
33	2020	98,689	\$3,578,346	118.90	1.12	\$3,829,021	\$38.80	3yr avg 2yr avg	\$36.29
34	2021	99,014	\$3,344,679	127.22	1.00	\$3,344,679	\$33.78	Current	\$33.78
35	34yr avg								\$74.47
36	20yr avg								\$64.89
37	10yr avg								\$53.47
38	5yr avg								\$43.85
39	Current								\$33.78
40	REGRESSION RESULTS				Col. [6] vs. Col. [2]				
41	Slope				(33.046)				
42	Y Intercept				8,330,289.92				
43	R ²				0.046				
44	t-stat				(1.240)				
45	p-value				0.224				
46	Regression Estimate		1	[Line 41]	(\$33.05)				
47		AL COSTS FOR CUSTO	MER-RELATED ACCTG &	MRKT EXPENSE					
48	5yr avg				4				
49	\$s per Customer				\$43.85				

NOTES:

- 1
- Source: Company data.

 GDP implicit price deflator obtained from Bureau of Economic Analysis/FRED database.
- Regression results show extremely low R² value and negative coefficient, so average cost estimate used.

SUMMARY OUTPUT

Regression St	atistics
Multiple R	0.214162358
R Square	0.045865516
Adjusted R Square	0.016048813
Standard Error	1924161.107
Observations	34

	df	SS	MS	F	Significance F
Regression	1	5.69521E+12	5.69521E+12	1.538249089	0.223896063
Residual	32	1.18477E+14	3.7024E+12		
Total	33	1.24172E+14			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	8330289.919	2143782.959	3.885789783	0.000482209	3963546.929	12697032.91	3963546.93	12697032.91
X Variable 1	-33.04612807	26.64447997	-1.240261702	0.223896063	-87.31915773	21.2269016	-87.3191577	21.2269016

Plant-Related A&G Marginal Loading Factor

		lant Related A&G	Taral Hallian St. 11/6)	tandin 5 .	Cummulative Avg. Loading		
Line No.	Year	Expense (\$)	Total Utility Plant (\$)	Loading Factor	Factor Cu		
	[1]	[2]	[3]	[4]	[5]	[6]	
1	1989	\$1,364,240	\$90,119,098	1.51%	34yr avg	0.572%	
2	1990	\$1,429,254	\$99,467,339	1.44%	33yr avg	0.543%	
3	1991	\$1,427,802	\$106,202,255	1.34%	32yr avg	0.515%	
4	1992	\$1,435,822	\$112,423,806	1.28%	31yr avg	0.488%	
5	1993	\$1,445,997	\$118,656,821	1.22%	30yr avg	0.462%	
6	1994	\$1,342,813	\$124,120,097	1.08%	29yr avg	0.436%	
7	1995	\$1,200,572	\$129,472,654	0.93%	28yr avg	0.413%	
8	1996	\$1,405,850	\$135,806,318	1.04%	27yr avg	0.394%	
9	1997	\$1,422,193	\$145,866,429	0.97%	26yr avg	0.369%	
10	1998	\$1,311,090	\$156,424,246	0.84%	25yr avg	0.345%	
11	1999	\$1,624,095	\$166,682,099	0.97%	24yr avg	0.324%	
12	2000	\$2,209,040	\$174,018,261	1.27%	23yr avg	0.296%	
13	2001	\$1,000,753	\$189,363,169	0.53%	22yr avg	0.252%	
14	2002	\$1,127,386	\$202,252,941	0.56%	21yr avg	0.239%	
15	2003	\$413,762	\$227,692,187	0.18%	20yr avg	0.223%	
16	2004	\$401,446	\$239,474,276	0.17%	19yr avg	0.225%	
17	2005	\$686,615	\$242,115,491	0.28%	18yr avg	0.228%	
18	2006	\$696,565	\$263,405,595	0.26%	17yr avg	0.225%	
19	2007	\$705,896	\$280,967,870	0.25%	16yr avg	0.222%	
20	2008	\$734,523	\$298,931,548	0.25%	15yr avg	0.220%	
21	2009	\$756,942	\$318,900,861	0.24%	14yr avg	0.219%	
22	2010	\$1,218,997	\$328,222,369	0.37%	13yr avg	0.217%	
23	2011	\$388,947	\$338,986,146	0.11%	12yr avg	0.204%	
24	2012	\$689,718	\$339,610,905	0.20%	11yr avg	0.212%	
25	2013	\$1,071,232	\$360,914,157	0.30%	10yr avg	0.213%	
26	2014	\$1,132,042	\$379,562,429	0.30%	9yr avg	0.204%	
27	2015	\$1,135,511	\$426,165,148	0.27%	8yr avg	0.192%	
28	2016	\$909,139	\$459,143,909	0.20%	7yr avg	0.182%	
29	2017	\$776,521	\$491,757,243	0.16%	6yr avg	0.179%	
30	2018	\$939,134	\$538,745,644	0.17%	5yr avg	0.183%	
31	2019	\$1,039,393	\$595,576,448	0.17%	4yr avg	0.185%	
32	2020	\$1,107,384	\$636,781,754	0.17%	3yr avg	0.189%	
33	2021	\$1,197,349	\$673,463,476	0.18%	2yr avg	0.196%	
34	2022	\$1,696,014	\$788,328,597	0.22%	Current	0.215%	
35	Average Loading Factor			Col [6]			
36	34yr avg		_	0.5	7%		
37	20yr avg			0.2	2%		
38	10yr avg			0.2			
39	5yr avg			0.1			
40	Current			0.2	2%		
41	MARGINAL LOADING	FACTOR FOR PLANT A	1&G				
42	5yr avg						
43	%			0.1	8%		

NOTES:

1 Source: Company data. II-705

Non-Plant Related A&G Marginal Loading Factor

	Non	-Plant Related A&G			Cummula	tive Avg.
Line No.	Year	Expense (\$)	Adjusted O&M (\$)	Loading Factor	Loading Facto	or Customer
	[1]	[2]	[3]	[4]	[5]	[6]
1	1989	\$5,909,986	\$8,789,813	67.24%	34yr avg	62.8%
2	1990	\$5,916,868	\$9,468,756	62.49%	33yr avg	62.7%
3	1991	\$6,262,331	\$9,604,565	65.20%	32yr avg	62.7%
4	1992	\$6,307,455	\$9,919,580	63.59%	31yr avg	62.6%
5	1993	\$6,311,505	\$10,375,088	60.83%	30yr avg	62.6%
6	1994	\$6,463,160	\$10,955,356	59.00%	29yr avg	62.6%
7	1995	\$5,625,812	\$10,756,889	52.30%	28yr avg	62.8%
8	1996	\$5,708,347	\$10,442,201	54.67%	27yr avg	63.2%
9	1997	\$5,543,252	\$10,255,675	54.05%	26yr avg	63.5%
10	1998	\$5,620,410	\$10,423,880	53.92%	25yr avg	63.9%
11	1999	\$6,187,199	\$10,155,876	60.92%	24yr avg	64.3%
12	2000	\$6,308,523	\$9,150,670	68.94%	23yr avg	64.4%
13	2001	\$11,088,012	\$7,533,407	147.18%	22yr avg	64.2%
14	2002	\$4,904,823	\$6,352,629	77.21%	21yr avg	60.3%
15	2003	\$4,376,775	\$8,615,202	50.80%	20yr avg	59.4%
16	2004	\$5,713,357	\$9,367,067	60.99%	19yr avg	59.9%
17	2005	\$4,218,671	\$10,090,659	41.81%	18yr avg	59.8%
18	2006	\$5,464,787	\$11,466,986	47.66%	17yr avg	60.9%
19	2007	\$5,829,666	\$11,734,639	49.68%	16yr avg	61.7%
20	2008	\$7,666,805	\$12,318,347	62.24%	15yr avg	62.5%
21	2009	\$7,997,073	\$13,469,376	59.37%	14yr avg	62.5%
22	2010	\$9,072,506	\$14,925,410	60.79%	13yr avg	62.7%
23	2011	\$6,668,773	\$16,907,246	39.44%	12yr avg	62.9%
24	2012	\$14,901,222	\$16,624,967	89.63%	11yr avg	65.0%
25	2013	\$13,527,831	\$12,972,812	104.28%	10yr avg	62.6%
26	2014	\$9,650,588	\$20,243,503	47.67%	9yr avg	57.9%
27	2015	\$11,452,287	\$19,797,077	57.85%	8yr avg	59.2%
28	2016	\$12,293,594	\$18,126,160	67.82%	7yr avg	59.4%
29	2017	\$11,392,447	\$18,961,161	60.08%	6yr avg	58.0%
30	2018	\$9,952,862	\$20,865,808	47.70%	5yr avg	57.6%
31	2019	\$11,610,667	\$19,756,858	58.77%	4yr avg	60.1%
32	2020	\$11,582,770	\$17,643,161	65.65%	3yr avg	60.5%
33	2021	\$10,485,218	\$18,751,524	55.92%	2yr avg	58.0%
34	2022	\$10,815,922	\$18,006,274	60.07%	Current	60.1%
35	Average Loading Factor			Col [6]		
36	34yr avg		_	62.8	2%	
37	20yr avg			59.4		
38	10yr avg			62.5		
39	5yr avg			57.6		
40	Current			60.0		
43	MARGINAL LOADING	FACTOR FOR NON-PL	ANT A&G			
44	34yr avg					
45	%			62.83	2%	

NOTES:

1 Source: Company data.

Materials & Supplies and Prepayments Marginal Loading Factor

		Materials & Supplies			Cummulative	-
ine No.		and Prepayments (\$)	Total Utility Plant (\$)	Loading Factor		ustomer
	[1]	[2]	[3]	[4]	[5]	[6]
1	1989	\$3,629,263	\$90,119,098	4.03%	34yr avg	1.49
2	1990	\$2,814,685	\$99,467,339	2.83%	33yr avg	1.39
3	1991	\$2,978,851	\$106,202,255	2.80%	32yr avg	1.29
4	1992	\$2,903,000	\$112,423,806	2.58%	31yr avg	1.29
5	1993	\$2,911,222	\$118,656,821	2.45%	30yr avg	1.19
6	1994	\$2,603,364	\$124,120,097	2.10%	29yr avg	1.19
7	1995	\$2,653,717	\$129,472,654	2.05%	28yr avg	1.09
8	1996	\$2,551,060	\$135,806,318	1.88%	27yr avg	1.09
9	1997	\$2,737,535	\$145,866,429	1.88%	26yr avg	1.09
10	1998	\$2,351,916	\$156,424,246	1.50%	25yr avg	0.9%
11	1999	\$2,472,925	\$166,682,099	1.48%	24yr avg	0.9%
12	2000	\$1,694,816	\$174,018,261	0.97%	23yr avg	0.9%
13	2001	\$1,423,213	\$189,363,169	0.75%	22yr avg	0.9%
14	2002	\$688,197	\$202,252,941	0.34%	21yr avg	0.9%
15	2003	\$12,491	\$227,692,187	0.01%	20yr avg	0.9%
16	2004	\$89,880	\$239,474,276	0.04%	19yr avg	1.09
17	2005	\$464,721	\$242,115,491	0.19%	18yr avg	1.0%
18	2006	\$570,708	\$263,405,595	0.22%	17yr avg	1.19
19	2007	\$556,729	\$280,967,870	0.20%	16yr avg	1.19
20	2008	\$338,049	\$298,931,548	0.11%	15yr avg	1.29
21	2009	\$356,896	\$318,900,861	0.11%	14yr avg	1.39
22	2010	\$46,167	\$328,222,369	0.01%	13yr avg	1.39
23	2011	\$2,715,050	\$338,986,146	0.80%	12yr avg	1.59
24	2012	\$3,479,465	\$339,610,905	1.02%	11yr avg	1.59
25	2013	\$2,870,074	\$360,914,157	0.80%	10yr avg	1.69
26	2014	\$4,730,829	\$379,562,429	1.25%	9yr avg	1.79
27	2015	\$6,132,549	\$426,165,148	1.44%	8yr avg	1.79
28	2016	\$7,076,674	\$459,143,909	1.54%	7yr avg	1.79
29	2017	\$8,037,125	\$491,757,243	1.63%	6yr avg	1.89
30	2018	\$10,609,413	\$538,745,644	1.97%	5yr avg	1.89
31	2019	\$11,069,588	\$595,576,448	1.86%	4yr avg	1.89
32	2020	\$12,021,071	\$636,781,754	1.89%	3yr avg	1.79
33	2021	\$11,431,168	\$673,463,476	1.70%	2yr avg	1.79
34	2022	\$12,842,146	\$788,328,597	1.63%	Current	1.69
35 Av	erage Loading Facto	nr.		Col [6]		
36 AV	34yr avg	,,	_	1.3	5%	
37	20yr avg			0.9		
38	10yr avg			1.5		
39	5yr avg			1.8		
40	Current			1.6		
41	MARGINAL LOADIN	IG FACTOR FOR MATER	IALS & SUPPLIES AND PREPA	AYMENTS		
42	10yr avg					
43	%			1.5	7%	

NOTES:

1 Source: Company data.

General Plant Marginal Loading Factor

				Total Utility Plant Less		Cummulative Avg.		
ine No.	Year	General Plant (\$)	Total Utility Plant (\$)	General Plant (\$)	Loading Factor	Loading I	Factor	
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	
1	1989	\$5,933,582	\$90,119,098	\$84,185,516	7.05%	34yr avg	5.79	
2	1990	\$6,503,724	\$99,467,339	\$92,963,615	7.00%	33yr avg	5.69	
3	1991	\$6,849,445	\$106,202,255	\$99,352,810	6.89%	32yr avg	5.69	
4	1992	\$7,659,250	\$112,423,806	\$104,764,556	7.31%	31yr avg	5.69	
5	1993	\$7,970,207	\$118,656,821	\$110,686,614	7.20%	30yr avg	5.59	
6	1994	\$8,384,740	\$124,120,097	\$115,735,357	7.24%	29yr avg	5.49	
7	1995	\$8,221,795	\$129,472,654	\$121,250,859	6.78%	28yr avg	5.49	
8	1996	\$8,870,155	\$135,806,318	\$126,936,163	6.99%	27yr avg	5.39	
9	1997	\$9,203,222	\$145,866,429	\$136,663,207	6.73%	26yr avg	5.39	
10	1998	\$9,478,301	\$156,424,246	\$146,945,945	6.45%	25yr avg	5.29	
11	1999	\$11,244,509	\$166,682,099	\$155,437,590	7.23%	24yr avg	5.29	
12	2000	\$7,255,965	\$174,018,261	\$166,762,296	4.35%	23yr avg	5.19	
13	2001	\$8,348,042	\$189,363,169	\$181,015,127	4.61%	22yr avg	5.19	
14	2002	\$11,173,887	\$202,252,941	\$191,079,054	5.85%	21yr avg	5.19	
15	2003	\$11,582,178	\$227,692,187	\$216,110,009	5.36%	20yr avg	5.19	
16	2004	\$10,499,392	\$239,474,276	\$228,974,884	4.59%	19yr avg	5.19	
17	2005	\$10,220,042	\$242,115,491	\$231,895,449	4.41%	18yr avg	5.19	
18	2006	\$11,333,343	\$263,405,595	\$252,072,252	4.50%	17yr avg	5.19	
19	2007	\$12,089,175	\$280,967,870	\$268,878,695	4.50%	16yr avg	5.29	
20	2008	\$15,097,758	\$298,931,548	\$283,833,790	5.32%	15yr avg	5.29	
21	2009	\$16,049,203	\$318,900,861	\$302,851,658	5.30%	14yr avg	5.29	
22	2010	\$16,060,707	\$328,222,369	\$312,161,662	5.14%	13yr avg	5.29	
23	2011	\$16,195,189	\$338,986,146	\$322,790,957	5.02%	12yr avg	5.29	
24	2012	\$8,811,783	\$339,610,905	\$330,799,122	2.66%	11yr avg	5.29	
25	2013	\$9,473,843	\$360,914,157	\$351,440,314	2.70%	10yr avg	5.59	
26	2014	\$10,590,671	\$379,562,429	\$368,971,758	2.87%	9yr avg	5.89	
27	2015	\$18,670,190	\$426,165,148	\$407,494,958	4.58%	8yr avg	6.29	
28	2016	\$23,861,850	\$459,143,909	\$435,282,059	5.48%	7yr avg	6.49	
29	2017	\$25,425,819	\$491,757,243	\$466,331,424	5.45%	6yr avg	6.5%	
30	2018	\$28,196,651	\$538,745,644	\$510,548,993	5.52%	5yr avg	6.89	
31	2019	\$34,662,196	\$595,576,448	\$560,914,252	6.18%	4yr avg	7.19	
32	2020	\$44,408,335	\$636,781,754	\$592,373,419	7.50%	3yr avg	7.49	
33	2021	\$48,182,265	\$673,463,476	\$625,281,211	7.71%	2yr avg	7.47	
34	2022	\$51,053,039	\$788,328,597	\$737,275,558	6.92%	Current	6.9%	
25	A			0-1103				
35	Average Loading Fact	10.	_	Col [6]				
36	34yr avg			7.05%				
37	20yr avg			5.36%				
38	10yr avg			2.70%				
39	5yr avg			5.52%				
40	Current			6.92%				
41	MARGINAL LOADI	NG FACTOR FOR GEN	NERAL PLANT					
42	34yr avg							
42	. ,			7.050/				

NOTES:

43

1 Source: Company data.

%

7.05%

Class Weighted Bad Debt Expense

		2022 Gross Bad Debt	Percent of	2022 Adjusted Bad Debt Accounts	TY Calendar and Weather Normalized Delivery Revenues @ Current Rates	Bad Debt Expense
Line No.	Rate Class	Expense	Total	Expense	(Eff. 8/1/23)	Percentage
		[1]	[2]	[3]	[4]	[5]
1	R-1/R-5	\$46,991	5.04%	\$58,189	\$1,053,354	5.52%
2	R-3/R-4/R6/R-7	\$786,231	84.41%	\$973,593	\$52,353,807	1.86%
3	G-41/G-44	\$69,324	7.44%	\$85,845	\$16,380,339	0.52%
4	G-42/G-45	\$15,036	1.61%	\$18,619	\$15,647,893	0.12%
5	G-43/G-46	\$0	0.00%	\$0	\$3,739,454	0.00%
6	G-51/G-55	\$2,953	0.32%	\$3,657	\$1,871,369	0.20%
7	G-52/G-56	\$10,929	1.17%	\$13,533	\$2,598,462	0.52%
8	G-53/G-57	\$0	0.00%	\$0	\$1,767,887	0.00%
9	G-54/G-58	\$0	0.00%	\$0	\$1,140,581	0.00%
10	Total	\$931,464	100.00%	\$1,153,435	\$96,553,144	1.19%

- [1] Company data
- [2] Col [1] Line (n) / Col [1] Line 10
- [3] Col [2] Line (n) x Col [3] Line 10
- [4] See Rate Design Model
- [5] Col [3] / Col [4]

Carrying Charges Inputs

			Main	Main			7
Line	Description	Peaking plant	Reinforcement	Extensions	Services	Meters	
1	Plant data						
2	Capitalized cost	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	
3	Book life	34	58	59	50	28	[1]
4	Salvage value	0%	-14%	-14%	-60%	0%	[2]
5	MACRS life	20	20	20	20	20	[3]
6	Capital structure						
7	Long-term debt ratio	45.00%	45.00%	45.00%	45.00%	45.00%	[4]
8	Short-term debt ratio	0.00%	0.00%	0.00%	0.00%	0.00%	[5]
9	Preferred ratio	0.00%	0.00%	0.00%	0.00%	0.00%	[6]
10	Common ratio	55.00%	55.00%	55.00%	55.00%	55.00%	[7]
11	Other	0.00%	0.00%	0.00%	0.00%	0.00%	[8]
12	Cost of capital						
13	Long-term debt cost	4.42%	4.42%	4.42%	4.42%	4.42%	[9]
14	Short-term debt cost	0.00%	0.00%	0.00%	0.00%	0.00%	
15	Preferred cost	0.00%	0.00%	0.00%	0.00%	0.00%	[10]
16	Common cost	10.35%	10.35%	10.35%	10.35%	10.35%	[11]
17	Other	0.00%	0.00%	0.00%	0.00%	0.00%	[12]
18	WACC	7.68%	7.68%	7.68%	7.68%	7.68%	[13]
19	After tax WACC	7.14%	7.14%	7.14%	7.14%	7.14%	[14]
20	Tax affected cost of capital	9.78%	9.78%	9.78%	9.78%	9.78%	[15]
21	Tax info						
22	Tax rate	26.93%	26.93%	26.93%	26.93%	26.93%	[16]
23	Property tax rate	2.04%	2.04%	2.04%	2.04%	2.04%	[17]
24	Property insurance rate	0.20%	0.20%	0.20%	0.20%	0.20%	[18]
25	Misc data						
26	Inflation rate	2.98%	2.98%	2.98%	2.98%	2.98%	[19]
27	Constant \$ disc rate	4.17%	4.17%	4.17%	4.17%	4.17%	[20]
28	Property tax escalation rate	2.98%	2.98%	2.98%	2.98%	2.98%	[21]

- [1] MCOS-5 Page 2
- [2] MCOS-5 Page 2
- [3] MCOS-5 Page 2
- [4] Ann E. Bukley and Christopher M. Wall
- [5] Ann E. Bukley and Christopher M. Wall
- [6] Ann E. Bukley and Christopher M. Wall
- [7] Ann E. Bukley and Christopher M. Wall
- [8] Ann E. Bukley and Christopher M. Wall
- [9] Ann E. Bukley and Christopher M. Wall
- [10] Ann E. Bukley and Christopher M. Wall
- [11] Ann E. Bukley and Christopher M. Wall [12] Ann E. Bukley and Christopher M. Wall
- [13] Line 7 x Line 13 + Line 8 x Line 14 + Line 9 x Line 15 + Line 10 x Line 16 + Line 11 x Line 17
- [14] (1 Line 22) * Line 20
- [15] Line 19 / (1 Line 22)
- [16] Revenue Requirements RR-1
- [17] Revenue Requirements Step-EN-2023
- [18] Revenue Requirements Step-EN-2023
- [20] Line 19 Line 26
- [21] Line 26

Development of Plant Service Lives and Net Salvage

			[A]	[B]	[C]
			Test Year Plant	Average	Net Salvage
Line	Account	Description	Balance	Service Life	Value
1		Serivce Life For Hypothetical Production Plant			
2	305	Structures and Improvements	\$852,167	35.0	0.0%
3	319	Gas Mixing Equipment	\$577,923	20.0	0.0%
4	320	Other Equipment-LNG	\$7,323,561	35.0	0.0%
5	360	Structures and Improvements	\$96,980	35.0	0.0%
6	363.5	Other Equipment	\$7,646	35.0	0.0%
7		Total Hypothetical Production Plant	\$8,858,275	34.0	0.0%
			Projected Plant	Average	Net Salvage
8		Service Life for Mains Related Reinforcements	through 2033	Service Life	Value
9	379	Gate Station	\$1,000,000	35.0	0.0%
10	369/378/379	Measuring and Regulating Station	\$5,775,000	35.0	0.0%
11	376	Mains	\$91,056,000	60.0	-15.0%
12		Total Mains Related Reinforecements	\$97,831,000	58.3	-14.0%
			Test Year Plant	Average	Net Salvage
13		Servie Life For Mains Extensions	Balance	Service Life	Value
14	367	Trans. Plant - Mains	\$11,737,328	60.0	-15.0%
15	369	Trans. Plant Measuring and Regulation Station Equipment	\$252,390	35.0	0.0%
16	375	Dist. Plant - Structures and Improvements	\$1,699,681	35.0	0.0%
17	376	Dist. Plant - Mains	\$391,905,351	60.0	-15.0%
18	377	Dist Plant - Compressor Station Equipment	\$2,246,186	35.0	0.0%
19	378	Dist. Plant Measuring and Regulation Station Equip. General	\$9,590,382	35.0	0.0%
20	379	Dist. Plant Measuring and Regulation Station Equip. City Gate	\$5,482,605	35.0	0.0%
21	387	Other Equipment	\$2,596,695	19.0	0.0%
22		Mains Extensions Total	\$425,510,617	58.6	-14.2%
			Test Year Plant	Average	Net Salvage
23		Service Life for Services	Balance	Service Life	Value
24	380	Services	\$217,226,816	50.0	-60.0%
25		Services Total	\$217,226,816	50.0	-60.0%
			Test Year Plant	Average	Net Salvage
26		Service Life for Meters	Balance	Service Life	Value
27	381	Meters	\$18,719,903	30.0	0.0%
28	381.2	Meters - ERTs/Comm Devices	\$6,347,958	15.0	0.0%
29	382	Meter Installation	\$28,547,303	30.0	0.0%
30		Meters Total	\$53,615,164	28.2	0.0%

^[1] Source: Company data

^[2] Weighted average of lines above

Development of Revenue Requirements Stream Peaker Plant

Year	PV Factor	Rate Base	Interest on Debt	Return on Preferred Equity	Return on Common Equity	Tax Depreciation	Tax Depreciation Rate	Book Depreciation	Deferred Taxes	Taxable Income	Income Taxes	Property Tax	Property Insurance	Revenue Requirement	% of Origina Investment Revenue	I PV of Revenue Requirement
0	1.00	1000														
1	0.93	968.41	19.25	0.00	55.13	37.50	3.75%	29.41	2.18	67.36	18.14	20.40	2.00	146.50	14.65%	136.73
2	0.87	927.48	18.44	0.00	52.80	72.19	7.22%	29.41	11.52	29.48	7.94	21.01	2.06	143.17	14.32%	124.71
3	0.81	888.01	17.65	0.00	50.55	66.77	6.68%	29.41	10.06	31.82	8.57	21.63	2.12	140.00	14.00%	113.82
4	0.76	849.88	16.89	0.00	48.38	61.77	6.18%	29.41	8.71	33.85	9.12	22.28	2.18	136.98	13.70%	103.93
5	0.71	813.00	16.16	0.00	46.28	57.13	5.71%	29.41	7.46	35.62	9.59	22.94	2.25	134.10	13.41%	94.97
6	0.66	777.28	15.45	0.00	44.25	52.85	5.29%	29.41	6.31	37.12	10.00	23.63	2.32	131.36	13.14%	86.82
7	0.62	742.63	14.76	0.00	42.27	48.88	4.89%	29.41	5.24	38.39	10.34	24.33	2.39	128.74	12.87%	79.42
8	0.58	708.96	14.09	0.00	40.36	45.22	4.52%	29.41	4.26	39.42	10.62	25.06	2.46	126.25	12.62%	72.69
9	0.54	675.45	13.43	0.00	38.45	44.62	4.46%	29.41	4.10	37.41	10.08	25.80	2.53	123.79	12.38%	66.52
10	0.50	641.94	12.76	0.00	36.54	44.61	4.46%	29.41	4.09	34.81	9.37	26.57	2.60	121.36	12.14%	60.86
11	0.47	608.44	12.09	0.00	34.64	44.62	4.46%	29.41	4.10	32.19	8.67	27.36	2.68	118.95	11.90%	55.68
12	0.44	574.93	11.43	0.00	32.73	44.61	4.46%	29.41	4.09	29.59	7.97	28.18	2.76	116.57	11.66%	50.92
13	0.41	541.43	10.76	0.00	30.82	44.62	4.46%	29.41	4.10	26.97	7.26	29.02	2.84	114.21	11.42%	46.57
14	0.38	507.92	10.10	0.00	28.91	44.61	4.46%	29.41	4.09	24.37	6.56	29.88	2.93	111.89	11.19%	42.58
15	0.36	474.41	9.43	0.00	27.01	44.62	4.46%	29.41	4.10	21.75	5.86	30.77	3.02	109.59	10.96%	38.92
16	0.33	440.91	8.76	0.00	25.10	44.61	4.46%	29.41	4.09	19.15	5.16	31.69	3.11	107.32	10.73%	35.57
17	0.31	407.40	8.10	0.00	23.19	44.62	4.46%	29.41	4.10	16.53	4.45	32.63	3.20	105.08	10.51%	32.51
18	0.29	373.90	7.43	0.00	21.28	44.61	4.46%	29.41	4.09	13.93	3.75	33.61	3.29	102.87	10.29%	29.70
19	0.27	340.39	6.77	0.00	19.38	44.62	4.46%	29.41	4.10	11.31	3.05	34.61	3.39	100.70	10.07%	27.14
20	0.25	306.88	6.10	0.00	17.47	44.61	4.46%	29.41	4.09	8.71	2.35	35.64	3.49	98.55	9.86%	24.79
21	0.23	279.39	5.55	0.00	15.90	22.31	2.23%	29.41	(1.91)	28.87	7.77	36.70	3.60	97.03	9.70%	22.78
22	0.22	257.89	5.13	0.00	14.68	0.00		29.41	(7.92)	49.50	13.33	37.79	3.71	96.13	9.61%	21.06
23	0.20	236.40	4.70	0.00	13.46	0.00		29.41	(7.92)	47.83	12.88	38.92	3.82	95.26	9.53%	19.48
24	0.19	214.91	4.27	0.00	12.23	0.00		29.41	(7.92)	46.15	12.43	40.08	3.93	94.44	9.44%	18.02
25	0.18	193.42	3.84	0.00	11.01	0.00		29.41	(7.92)	44.48	11.98	41.27	4.05	93.65	9.36%	16.68
26	0.17	171.93	3.42	0.00	9.79	0.00		29.41	(7.92)	42.81	11.53	42.50	4.17	92.89	9.29%	15.44
27	0.16	150.44	2.99	0.00	8.56	0.00		29.41	(7.92)	41.13	11.08	43.77	4.29	92.18	9.22%	14.30
28	0.14	128.95	2.56	0.00	7.34	0.00		29.41	(7.92)	39.46	10.63	45.07	4.42	91.51	9.15%	13.25
29	0.14	107.46	2.14	0.00	6.12	0.00		29.41	(7.92)	37.78	10.17	46.42	4.55	90.89	9.09%	12.28
30	0.13	85.96	1.71	0.00	4.89	0.00		29.41	(7.92)	36.11	9.72	47.80	4.69	90.31	9.03%	11.39
31	0.12	64.47	1.28	0.00	3.67	0.00		29.41	(7.92)	34.43	9.27	49.23	4.83	89.77	8.98%	10.57
32	0.11	42.98	0.85	0.00	2.45	0.00		29.41	(7.92)	32.76	8.82	50.69	4.97	89.28	8.93%	9.81
33	0.10	21.49	0.43	0.00	1.22	0.00		29.41	(7.92)	31.09	8.37	52.20	5.12	88.83	8.88%	9.11
34	0.10	0.00	0.00	0.00	0.00	0.00		29.41	(7.92)	29.41	7.92	53.76	5.27	88.44	8.84%	8.46
Total			288.71		826.85	1,000.00		1,000.00	(0.00)	1,131.59	304.74	1,173.25	115.02	3,708.58	370.86%	1,527.50
PV			153.91		440.78	538.31		372.25	44.72	437.17	117.73	362.57	35.55	1,527.50	152.75%	
	payment current payment consta	• .	12.16 8.54		34.83 24.47	42.53 29.88		29.41 20.66	3.53 2.48	34.54 24.27	9.30 6.54	28.65 20.13	2.81 1.97	120.69 84.80	12.07% 8.48%	

Development of Revenue Requirements Stream
Capacity-Related Main Reinforcement

1	~*	Rate Base	Interest on Debt	Return on Preferred Equity	Return on Common Equity	Tax Depreciation	Tax Depreciation Rate	Book Depreciation	Deferred Taxes	Taxable Income	Income Tayes	Dronorty Tay	Property Insurance	Revenue Requirement	% of Original Investment Revenue	PV of Revenue Requireme
1 975.54 1939 0.00 55.53 375.00 375.00 19.55 14.15 50.82 56.17 1.00 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.50 19.5			Debt	Equity	Equity	Depreciation	nate	Depreciation	Tuncs	income	meome raxes	Troperty rux	mourance	Requirement	Revenue	requireme
2 941.75			10 20	0.00	55.52	27 50	2 75%	10.65	4 91	50 15	15.66	20.40	2.00	137.44	13.74%	128.27
3														134.80	13.48%	117.42
1														132.33	13.23%	107.58
5 38.66* 18.87* 0.00 48.31 57.13 57.18* 19.95 10.09 28.63 7.71 22.94 2.25 12.72 7 792.56* 15.75 0.00 45.12 48.88 4.89% 19.55 7.87 32.51 8.76 22.43 2.39 12.32 8 76.03 15.23 0.00 45.12 48.88 4.99% 19.55 7.87 32.51 8.76 22.43 2.39 123.24 9 7.79.66 14.14 0.00 44.60 44.61 14.85 6.72 22.45 8.24 28.57 2.66 13.11 13.13 0.00 44.60 44.61 4.46% 19.55 6.72 22.50 7.74 22.18 2.80 2.93 11.13 14 60.73 12.18 0.00 34.00 44.61 4.46% 19.55 6.72 22.39 6.03 22.81 2.21 2.80 11.13 11.13 13.13 0.00 30.00<														130.00	13.00%	98.64
6 80.08 16.30 0.00 46.68 \$2.85 \$2.75% 19.55 8.47 \$2.52 \$2.36 \$2.32 \$1.23 \$2.22 \$2.22 \$2.22 \$2.22 \$2.22 \$2.22 \$2.22 \$2.22 \$2.22 \$2.22 \$2.22 \$2.22 \$2.22 \$2.22 \$2.22 \$2.22 \$2.22 \$2.22 \$2.66 \$2.22 \$2.66 \$2.22 \$2.66 \$2.22 \$2.66 \$2.22 \$2.66 \$2.22 \$2.66 \$2.22 \$2.66 \$2.22 \$2.66 \$2.22 \$2.66 \$2.26 \$2.66 \$2.26 \$2.66 \$2.26 \$2.66 \$2.26 \$2.66 \$2.26 \$2.66 \$2.26 \$2.66 \$2.26 \$2.66 \$2.26 \$2.66 \$2.26 \$2.66 \$2.26 \$2.66 \$2.26 \$2.66 \$2.26 \$2.66 \$2.26 \$2.66 \$2.26 \$2.66 \$2.26 \$2.66 \$2.26 \$2.66 \$2.26 \$2.66 \$2.22 \$2.66 \$2.22 \$2.66 \$2.22 \$2.66 \$2.2														127.82	12.78%	90.52
7														125.78	12.58%	83.13
No.														123.86	12.39%	76.41
19														122.06	12.21%	70.28
10														120.30	12.03%	64.65
11														118.57	11.86%	59.46
12 12 13 13 13 13 13 10 10 13 16 16 17 16 16 17 16 17 16 17 16 18 18 18 17 18 18 18 18														116.86	11.69%	54.70
13 694,17 12.61 0.00 36.10 44.62 4.46% 19.65 672 22.39 6.58 29.02 2.84 113.11 15 581.42 11.56 0.00 33.40 44.62 4.46% 19.65 6.72 12.39 6.37 30.77 3.02 11.10 16 555.05 11.03 0.00 31.60 44.61 4.46% 19.65 6.72 18.28 4.92 31.69 31.11 10.80 17 528.68 10.51 0.00 30.10 44.62 4.46% 19.65 6.72 11.11 3.26 33.30 10.01 19 475.94 9.46 0.00 27.59 44.61 4.46% 19.65 6.72 10.10 2.71 3.54 3.49 10.02 21 4.99.0 8.53 0.00 24.61 2.231 2.23% 19.65 6.72 10.10 2.23 3.73 3.71 10.01 3.32 10.02 4.42														115.18	11.52%	50.32
14 607.80 12.08 0.00 34.60 44.61 4.46% 19.65 6.72 22.39 6.03 28.88 2.93 111 15 58.14 11.03 0.00 31.00 44.61 4.46% 19.65 6.72 12.03 5.47 30.77 30.77 31.00 10.00 31.00 44.61 4.46% 19.65 6.72 16.22 4.37 32.63 33.11 108 18 502.31 9.98 0.00 22.79 44.61 4.46% 19.65 6.72 11.11 3.22 36.01 3.39 10.00 20 449.57 8.94 0.00 25.59 44.61 4.46% 19.65 6.72 10.06 2.71 35.64 3.49 10.02 21 429.00 8.29 0.00 22.81 0.00 19.65 (5.29) 15.97 13.99 37.79 3.71 10.00 22 414.84 8.25 0.00 22.80 0.00														113.52	11.35%	46.29
15 Sel 42 11.56 0.00 33.10 44.62 4.46% 19.65 6.72 12.32 5.47 30.77 3.02 11.1 16 55.56 11.03 0.00 30.10 44.62 4.46% 19.65 6.72 11.62 4.37 32.63 3.20 10.70 18 50.21 9.96 0.00 27.59 44.62 4.46% 19.65 6.72 11.11 3.26 34.61 3.39 10.00 19 475.94 9.46 0.00 27.59 44.62 4.46% 19.65 6.72 10.10 2.71 3.64 3.39 10.00 21 429.20 8.53 0.00 24.61 0.00 19.65 6.72 10.10 5.77 13.99 37.79 3.71 10.00 23 40.049 7.96 0.00 22.80 0.00 19.65 6.29 9.79 13.39 37.71 37.71 30.30 10.00 19.65 5.29														111.89	11.19%	42.58
16 555.05 11.03 0.00 31.60 44.61 4.46% 19.65 6.72 18.28 4.92 31.69 3.11 10.80 17 52.88 10.51 0.00 38.59 44.61 4.46% 19.65 6.72 14.17 3.82 33.61 3.29 10.75 18 502.31 9.98 0.00 27.59 44.61 4.46% 19.65 6.72 10.6 2.71 35.64 3.39 10.0 20 449.57 8.94 0.00 2.59 44.61 4.46% 19.65 6.72 10.06 2.71 35.64 3.89 10.0 21 4.920 8.53 0.00 2.443 2.23 2.23% 19.65 6.72 10.0 2.71 35.64 3.89 3.70 3.01 10.0 22 414.84 8.25 0.00 2.280 0.00 19.65 6.29 5.97 13.99 3.77 3.71 10.0 2.23 4.21<														110.29	11.03%	39.17
17														108.72	10.87%	36.04
18														107.18	10.72%	33.16
19														105.67	10.57%	30.51
20														104.19	10.42%	28.08
21 492 00 8.53 0.00 24.43 22.31 2.23% 19.65 0.72 30.78 8.29 36.70 3.60 10.1 22 44848 8.25 0.00 23.61 0.00 19.65 (5.29) 51.97 13.99 37.79 3.71 10.1 24 386.13 7.67 0.00 21.98 0.00 19.65 (5.29) 49.73 13.39 40.08 3.93 10.1 25 37.77 7.39 0.00 20.35 0.00 19.65 (5.29) 49.73 13.39 40.08 3.93 10.1 26 357.41 7.10 0.00 19.53 0.00 19.65 (5.29) 46.37 12.49 43.77 42.9 10.1 28 328.70 6.53 0.00 17.89 0.00 19.65 (5.29) 45.26 12.19 45.74 4.42 10.1 30 299.99 5.56 0.00 17.89 0.00 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>102.74</td><td>10.27%</td><td>25.84</td></th<>														102.74	10.27%	25.84
22 414.84 8.25 0.00 22.61 0.00 19.65 (5.29) 51.97 13.99 37.79 37.11 101. 23 40.49 7.96 0.00 22.80 0.00 19.65 (5.29) 50.85 13.69 38.92 33.82 101. 24 386.13 7.67 0.00 21.98 0.00 19.65 (5.29) 49.73 13.39 40.08 3.93 101. 25 371.77 7.39 0.00 12.16 0.00 19.65 (5.29) 47.49 12.79 42.50 4.17 101. 27 343.06 6.82 0.00 19.65 (5.29) 45.26 12.19 45.77 4.29 101. 29 314.34 6.25 0.00 17.89 0.00 19.65 (5.29) 44.14 11.89 46.24 4.55 101. 31 285.63 5.88 0.00 15.26 0.00 19.65 (5.29) 43.02														101.91	10.19%	23.92
23 400.49 7.96 0.00 21.88 0.00 19.65 (5.29) 49.73 13.369 38.92 3.82 10.1 25 371.77 7.39 0.00 21.16 0.00 19.65 (5.29) 48.61 13.09 41.27 4.05 10.1 26 377.41 7.10 0.00 20.35 0.00 19.65 (5.29) 47.49 12.79 42.50 4.17 10.1 28 328.70 6.53 0.00 17.89 0.00 19.55 (5.29) 45.26 12.19 45.07 4.42 101. 28 328.70 6.53 0.00 17.89 0.00 19.65 (5.29) 44.14 11.89 46.42 4.55 101. 30 299.99 5.96 0.00 17.08 0.00 19.65 (5.29) 49.30 11.15 47.80 4.69 101. 31 285.63 5.68 0.00 15.64 0.00 19.65														101.71	10.17%	22.28
24 386.13 7.67 0.00 21.98 0.00 19.65 (5.29) 49.73 13.39 40.08 3.93 10.1 26 357.41 7.10 0.00 21.56 0.00 19.65 (5.29) 48.61 13.09 41.27 4.05 10.1 27 343.06 6.52 0.00 19.53 0.00 19.65 (5.29) 45.76 12.19 45.07 4.29 10.1 29 314.34 6.25 0.00 17.89 0.00 19.65 (5.29) 43.02 11.58 47.80 4.42 110.1 31 285.63 5.68 0.00 17.88 0.00 19.65 (5.29) 43.02 11.58 47.80 4.42 150.1 31 285.63 5.68 0.00 16.26 0.00 19.65 (5.29) 40.78 10.08 4.69 10.1 31 285.63 5.88 0.00 15.44 0.00 19.65 (5.29) 40.78 10.08 52.0 4.82 10.08 52.0 4.82 10.08														101.54	10.15%	20.76
25 371.77 7.39 0.00 21.16 0.00 19.65 (5.29) 48.61 13.09 41.27 4.05 101.26 37.41 7.10 0.00 20.35 0.00 19.65 (5.29) 47.49 12.79 42.50 4.17 101. 28 328.70 6.53 0.00 18.71 0.00 19.65 (5.29) 44.14 11.89 46.42 4.25 101.24 29 31.43 6.25 0.00 17.89 0.00 19.65 (5.29) 44.14 11.89 46.42 4.55 101.30 30 299.99 5.96 0.00 17.08 0.00 19.65 (5.29) 41.00 11.128 47.22 4.83 101.33 32 271.27 5.39 0.00 15.44 0.00 19.65 (5.29) 40.78 10.98 50.69 4.97 101.33 33 256.91 5.11 0.00 14.62 0.00 19.65 (5.29)														101.41	10.14%	19.35
26 357.41 7.10 0.00 20.35 0.00 19.65 (5.29) 47.49 12.79 42.50 4.17 10.10 28 328.70 6.53 0.00 18.71 0.00 19.65 (5.29) 45.26 12.49 43.77 4.42 101. 29 314.34 6.25 0.00 17.08 0.00 19.65 (5.29) 44.24 11.18.9 46.42 4.55 101. 31 285.63 5.68 0.00 15.64 0.00 19.65 (5.29) 41.90 11.28 47.80 4.69 10.1 31 285.63 5.68 0.00 15.44 0.00 19.65 (5.29) 40.78 10.98 50.69 4.97 4.83 101. 31 285.63 5.88 0.00 15.44 0.00 19.65 (5.29) 39.66 10.68 52.20 48.23 4.83 101. 33 20.55.91 5.11 0.00 14.62														101.32	10.13%	18.05
27 343.06 6.82 0.00 19.53 0.00 19.65 (5.29) 45.26 12.49 43.77 4.29 101. 28 328.70 6.53 0.00 18.71 0.00 19.65 (5.29) 44.14 11.89 46.42 4.55 101. 30 299.99 5.96 0.00 17.08 0.00 19.65 (5.29) 43.02 11.58 47.80 4.69 101. 31 285.63 5.86 0.00 15.64 0.00 19.65 (5.29) 43.02 11.58 47.80 4.69 101. 32 271.27 5.39 0.00 15.44 0.00 19.65 (5.29) 39.66 10.68 52.20 51.2 102. 34 242.56 4.82 0.00 13.81 0.00 19.65 (5.29) 38.54 10.38 53.76 5.27 102. 35 228.20 4.54 0.00 12.99 0.00 19.65 (5.29) 37.43 10.08 53.36 5.43 102. 36														101.27	10.13%	16.84
28 328.70 6.53 0.00 18.71 0.00 19.65 (5.29) 45.26 12.19 45.07 4.42 101. 30 299.99 5.96 0.00 17.08 0.00 19.65 (5.29) 44.14 11.89 46.42 4.55 101. 31 285.63 5.68 0.00 16.26 0.00 19.65 (5.29) 41.90 11.28 49.23 4.83 101. 32 271.27 5.39 0.00 15.44 0.00 19.65 (5.29) 39.66 10.68 52.20 5.12 102. 34 242.56 4.82 0.00 13.81 0.00 19.65 (5.29) 39.66 10.68 52.20 5.12 102. 36 228.20 4.84 0.00 12.99 0.00 19.65 (5.29) 36.31 9.78 57.01 5.59 103. 37 19.99 3.37 0.00 12.16 0.00 19.65 <														101.25	10.13%	15.71
29 314.34 6.25 0.00 17.89 0.00 19.65 (5.29) 44.14 11.89 46.42 4.55 101. 30 299.99 5.96 0.00 17.08 0.00 19.65 (5.29) 43.02 11.58 47.80 4.69 101. 31 285.63 5.68 0.00 15.44 0.00 19.65 (5.29) 40.78 10.98 50.69 4.97 101. 32 271.27 5.39 0.00 15.44 0.00 19.65 (5.29) 38.54 10.98 50.69 4.97 101. 34 242.56 4.82 0.00 13.81 0.00 19.65 (5.29) 38.54 10.38 55.36 5.27 102. 35 228.20 4.54 0.00 12.17 0.00 19.65 (5.29) 36.31 9.78 57.01 5.59 103. 37 199.49 3.97 0.00 11.36 0.00 19.65														101.28	10.13%	14.67
30 299.99 5.96 0.00 17.08 0.00 19.65 (5.29) 43.02 11.58 47.80 4.69 10.1														101.35	10.14%	13.70
31 285.63 5.68 0.00 16.26 0.00 19.65 (5.29) 41.90 11.28 49.23 4.83 101. 32 271.27 5.39 0.00 15.44 0.00 19.65 (5.29) 39.66 10.68 52.20 4.97 101. 34 242.56 4.82 0.00 13.81 0.00 19.65 (5.29) 38.54 10.38 53.76 5.27 102. 36 228.20 4.54 0.00 12.17 0.00 19.65 (5.29) 38.54 10.38 53.76 5.27 102. 36 213.84 4.25 0.00 12.17 0.00 19.65 (5.29) 36.31 9.78 57.01 5.59 103. 37 199.49 3.97 0.00 11.36 0.00 19.65 (5.29) 34.07 9.48 58.71 5.76 103. 38 185.13 3.68 0.00 10.54 0.00 19.65 <														101.47	10.15%	12.80
32 271.27 5.39 0.00 15.44 0.00 19.65 (5.29) 40.78 10.98 50.69 4.97 101. 34 256.91 5.11 0.00 14.62 0.00 19.65 (5.29) 38.64 10.38 53.76 5.27 102. 35 228.20 4.54 0.00 12.99 0.00 19.65 (5.29) 37.43 10.08 55.36 5.43 102. 36 213.84 4.25 0.00 12.17 0.00 19.65 (5.29) 36.31 9.78 57.01 5.59 103. 37 199.49 3.97 0.00 11.36 0.00 19.65 (5.29) 35.19 9.48 58.71 5.76 103. 38 185.13 3.68 0.00 10.54 0.00 19.65 (5.29) 34.07 9.18 60.46 5.93 104. 40 156.41 3.11 0.00 8.09 0.00 19.65 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>101.63</td><td>10.16%</td><td>11.96</td></td<>														101.63	10.16%	11.96
33 256.91 5.11 0.00 14.62 0.00 19.65 (5.29) 39.66 10.68 52.20 5.12 102 34 242.56 4.82 0.00 13.81 0.00 19.65 (5.29) 38.54 10.38 53.76 5.27 102 35 282.80 4.54 0.00 12.99 0.00 19.65 (5.29) 37.43 10.08 55.36 5.43 102 36 213.84 4.25 0.00 12.17 0.00 19.65 (5.29) 36.31 9.78 57.01 5.59 103 37 199.49 3.97 0.00 11.36 0.00 19.65 (5.29) 35.19 9.48 58.71 5.59 103 39 170.77 3.39 0.00 9.72 0.00 19.65 (5.29) 32.95 8.87 62.26 6.10 104 40 156.41 3.11 0.00 8.90 0.00 19.65 (5.29)														101.84	10.18%	11.19
34 242.56 4.82 0.00 13.81 0.00 19.65 (5.29) 38.54 10.38 53.76 5.27 102 35 228.20 4.54 0.00 12.99 0.00 19.65 (5.29) 37.43 10.08 55.36 5.43 102 36 213.84 4.25 0.00 11.36 0.00 19.65 (5.29) 35.19 9.48 58.71 5.76 103 37 199.49 3.97 0.00 10.54 0.00 19.65 (5.29) 34.07 9.18 60.46 5.93 104 40 156.41 3.11 0.00 8.90 0.00 19.65 (5.29) 31.83 8.57 64.12 6.29 105 41 142.06 2.82 0.00 8.99 0.00 19.65 (5.29) 30.72 8.27 66.03 6.47 106 42 127.70 2.54 0.00 7.27 0.00 19.65 (5.29) </td <td></td> <td>102.09</td> <td>10.21%</td> <td>10.47</td>														102.09	10.21%	10.47
35 228.20 4.54 0.00 12.99 0.00 19.65 (5.29) 37.43 10.08 55.36 5.43 102 36 213.84 4.25 0.00 12.17 0.00 19.65 (5.29) 36.31 9.78 57.01 5.59 103 37 199.49 3.97 0.00 11.36 0.00 19.65 (5.29) 36.71 9.78 57.01 5.59 103 38 185.13 3.68 0.00 19.65 (5.29) 34.07 9.18 60.46 5.93 104 39 170.77 3.39 0.00 9.72 0.00 19.65 (5.29) 32.95 8.87 62.26 6.10 104 41 142.06 2.82 0.00 8.09 0.00 19.65 (5.29) 30.72 8.27 66.03 6.47 106 42 127.70 2.54 0.00 7.27 0.00 19.65 (5.29) 29.60 7.97 <td></td> <td>102.40</td> <td>10.24%</td> <td>9.80</td>														102.40	10.24%	9.80
36 213.84 4.25 0.00 12.17 0.00 19.65 (5.29) 36.31 9.78 57.01 5.59 103. 37 199.49 3.97 0.00 11.36 0.00 19.65 (5.29) 35.19 9.48 58.71 5.76 103. 38 185.13 3.68 0.00 19.65 (5.29) 34.07 9.18 60.46 5.93 104. 39 170.77 3.39 0.00 9.72 0.00 19.65 (5.29) 32.95 8.87 62.26 6.10 104. 40 156.41 3.11 0.00 8.90 0.00 19.65 (5.29) 31.83 8.57 64.12 6.29 105. 41 142.06 2.82 0.00 8.09 0.00 19.65 (5.29) 30.72 8.27 66.03 6.47 106. 42 127.70 2.54 0.00 7.27 0.00 19.65 (5.29) 29.60 7.97 67.99 6.67 106. 43 113.34 2.25 0.00<														102.75	10.28%	9.18
37 199.49 3.97 0.00 11.36 0.00 19.65 (5.29) 35.19 9.48 58.71 5.76 103.38 38 185.13 3.68 0.00 10.54 0.00 19.65 (5.29) 34.07 9.18 60.46 5.93 104.39 40 156.41 3.11 0.00 8.90 0.00 19.65 (5.29) 31.83 8.57 64.12 6.29 104.40 41 142.06 2.82 0.00 8.09 0.00 19.65 (5.29) 30.72 8.27 66.03 6.47 106.41 113.34 2.25 0.00 7.27 0.00 19.65 (5.29) 28.48 7.67 70.02 6.68 106.44 198.99 1.97 0.00 6.45 0.00 19.65 (5.29) 28.48 7.67 70.02 6.68 107.44 98.99 1.97 0.00 5.63 0.00 19.65 (5.29) 22.84 7.67 70.02 6.86 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>103.16</td><td>10.32%</td><td>8.60</td></t<>														103.16	10.32%	8.60
38 185.13 3.68 0.00 10.54 0.00 19.65 (5.29) 34.07 9.18 60.46 5.93 104.39 39 170.77 3.39 0.00 9.72 0.00 19.65 (5.29) 32.95 8.87 62.26 6.10 104.41 40 156.41 3.11 0.00 8.99 0.00 19.65 (5.29) 31.83 8.57 64.12 6.29 105.41 41 142.06 2.82 0.00 8.09 0.00 19.65 (5.29) 30.72 8.27 66.03 6.47 105.41 42 127.70 2.54 0.00 7.27 0.00 19.65 (5.29) 29.60 7.97 67.99 6.67 106.61 44 98.99 1.97 0.00 5.63 0.00 19.65 (5.29) 27.36 7.37 72.11 7.07 108.4 45 84.63 1.68 0.00 4.82 0.00 19.65 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>103.62</td><td>10.36%</td><td>8.06</td></t<>														103.62	10.36%	8.06
39 170.77 3.39 0.00 9.72 0.00 19.65 (5.29) 32.95 8.87 62.26 6.10 104. 40 156.41 3.11 0.00 8.90 0.00 19.65 (5.29) 30.72 8.27 66.03 6.47 105. 42 127.70 2.54 0.00 7.27 0.00 19.65 (5.29) 29.60 7.97 67.99 6.67 106. 43 113.34 2.25 0.00 6.45 0.00 19.65 (5.29) 28.48 7.67 70.02 6.86 107. 44 98.99 1.97 0.00 5.63 0.00 19.65 (5.29) 27.36 7.37 72.11 7.07 108. 46 70.27 1.40 0.00 4.82 0.00 19.65 (5.29) 25.12 6.77 74.25 7.28 109. 47 55.91 1.11 0.00 3.18 0.00 19.65 (5.29) 25.12 6.77 76.47 7.50 110. 48 41.56	8	185.13		0.00							9.18			104.14	10.41%	7.56
40 156.41 3.11 0.00 8.90 0.00 19.65 (5.29) 31.83 8.57 64.12 6.29 105.41 41 142.06 2.82 0.00 8.09 0.00 19.65 (5.29) 30.72 8.27 66.03 6.47 106. 42 127.70 2.54 0.00 7.27 0.00 19.65 (5.29) 28.48 7.67 70.02 6.66 106. 43 113.34 2.25 0.00 6.45 0.00 19.65 (5.29) 28.48 7.67 70.02 6.68 107. 44 98.99 1.97 0.00 5.63 0.00 19.65 (5.29) 27.36 7.37 72.11 7.07 108. 45 8.463 1.68 0.00 4.82 0.00 19.65 (5.29) 25.12 6.77 76.47 7.50 110. 47 55.91 1.11 0.00 3.18 0.00 19.65 (5.29) 22.40 6.46 78.75 7.72 111. 48 41.56														104.71	10.47%	7.10
41 142.06 2.82 0.00 8.09 0.00 19.65 (5.29) 30.72 8.27 66.03 6.47 106. 42 127.70 2.54 0.00 7.27 0.00 19.65 (5.29) 29.60 7.97 67.99 6.67 106. 43 113.34 2.25 0.00 6.45 0.00 19.65 (5.29) 28.48 7.67 70.02 6.86 107. 44 98.99 1.97 0.00 5.63 0.00 19.65 (5.29) 28.48 7.67 70.02 6.86 107. 45 84.63 1.68 0.00 4.82 0.00 19.65 (5.29) 25.12 6.77 76.47 72.11 7.07 108. 46 70.27 1.40 0.00 4.00 0.00 19.65 (5.29) 25.12 6.77 76.47 7.50 110. 47 55.91 1.11 0.00 3.18 0.00 19.65 (5.29) 24.00 6.46 78.75 7.72 111. 48 41.56 0.83 0.00 2.37 0.00 19.65 (5.29) 22.89 6.16 81.09 7.95 112. 49 27.20 0.54 0.00 1.55 0.00 19.65 (5.29) 22.89 6.16 81.09 7.95 112. 50 12.84 0.26 0.00 0.73 0.00 19.65 (5.29) 20.65 5.56 86.00 8.43 115. 51 (1.51) (0.03) 0.00 (0.09) 0.00 19.65 (5.29) 19.53 5.26 88.56 8.68 116. 52 (15.87) (0.32) 0.00 (0.90) 0.00 19.65 (5.29) 19.53 5.26 88.56 8.68 116. 52 (15.87) (0.32) 0.00 (0.90) 0.00 19.65 (5.29) 17.29 4.66 93.92 9.21 119. 53 (30.23) (0.60) 0.00 (1.72) 0.00 19.65 (5.29) 17.29 4.66 93.92 9.21 119. 54 (44.59) (0.89) 0.00 (2.54) 0.00 19.65 (5.29) 15.06 4.05 99.60 9.76 123. 55 (58.94) (1.17) 0.00 (3.36) 0.00 19.65 (5.29) 15.06 4.05 99.60 9.76 123. 56 (73.30) (1.46) 0.00 (4.17) 0.00 19.65 (5.29) 11.00 3.15 108.77 10.66 125. 57 (87.66) (1.74) 0.00 (5.81) 0.00 19.65 (5.29) 11.70 3.15 108.77 10.66 125.														105.34	10.53%	6.66
42 127.70 2.54 0.00 7.27 0.00 19.65 (5.29) 29.60 7.97 67.99 6.67 106. 43 113.34 2.25 0.00 6.45 0.00 19.65 (5.29) 28.48 7.67 70.02 6.86 107. 44 98.99 1.97 0.00 5.63 0.00 19.65 (5.29) 27.36 7.37 72.11 7.07 108. 46 70.27 1.40 0.00 4.00 0.00 19.65 (5.29) 25.12 6.77 76.47 7.50 110. 47 55.91 1.11 0.00 3.18 0.00 19.65 (5.29) 22.12 6.77 76.47 7.50 110. 48 41.56 0.83 0.00 2.37 0.00 19.65 (5.29) 22.89 6.16 81.09 7.95 111. 49 27.20 0.54 0.00 1.55 0.00 19.65 (5.29)	1	142.06	2.82	0.00	8.09	0.00		19.65		30.72	8.27	66.03	6.47	106.04	10.60%	6.26
43 113.34 2.25 0.00 6.45 0.00 19.65 (5.29) 28.48 7.67 70.02 6.86 107. 44 98.99 1.97 0.00 5.63 0.00 19.65 (5.29) 27.36 7.37 72.11 7.07 108. 45 84.63 1.68 0.00 4.82 0.00 19.65 (5.29) 25.12 6.77 74.25 7.28 109. 46 70.27 1.40 0.00 4.00 0.00 19.65 (5.29) 25.12 6.77 76.47 7.50 110. 47 55.91 1.11 0.00 3.18 0.00 19.65 (5.29) 24.00 6.46 78.75 7.72 111. 48 41.56 0.83 0.00 2.37 0.00 19.65 (5.29) 22.89 6.16 81.09 7.95 112. 49 27.20 0.54 0.00 0.73 0.00 19.65 (5.29)	2													106.79	10.68%	5.89
44 98.99 1.97 0.00 5.63 0.00 19.65 (5.29) 27.36 7.37 72.11 7.07 108. 45 84.63 1.68 0.00 4.82 0.00 19.65 (5.29) 26.24 7.07 74.25 7.28 109. 46 70.27 1.40 0.00 4.00 0.00 19.65 (5.29) 25.12 6.77 76.47 7.50 110. 47 55.91 1.11 0.00 3.18 0.00 19.65 (5.29) 24.00 6.46 78.75 7.72 111. 48 41.56 0.83 0.00 2.37 0.00 19.65 (5.29) 22.89 6.16 81.09 7.95 112. 49 27.20 0.54 0.00 1.55 0.00 19.65 (5.29) 21.77 5.86 83.51 8.19 114. 51 (1.51) (0.03) 0.00 (0.09) 0.00 19.65 (5.29) 20.65 5.56 86.00 8.43 115. 51 (1.51) (0.03) 0.00 (0.09) 0.00 19.65 (5.29) 19.53 5.26 88.56 8.68 116. 52 (15.87) (0.32) 0.00 (0.90) 0.00 19.65 (5.29) 19.53 5.26 88.56 8.68 116. 52 (15.87) (0.32) 0.00 (0.90) 0.00 19.65 (5.29) 19.53 5.26 88.56 8.68 116. 52 (15.87) (0.32) 0.00 (0.90) 0.00 19.65 (5.29) 19.53 5.26 88.56 8.68 116. 52 (15.87) (0.32) 0.00 (0.90) 0.00 19.65 (5.29) 19.53 5.26 88.56 8.68 116. 53 (30.23) (0.60) 0.00 (1.72) 0.00 19.65 (5.29) 11.94 4.66 93.92 9.21 1119. 54 (44.59) (0.89) 0.00 (2.54) 0.00 19.65 (5.29) 15.06 4.05 99.60 9.76 123. 55 (58.94) (1.17) 0.00 (3.36) 0.00 19.65 (5.29) 15.06 4.05 99.60 9.76 123. 56 (73.30) (1.46) 0.00 (4.17) 0.00 19.65 (5.29) 13.94 3.75 102.56 10.06 125. 57 (87.66) (1.74) 0.00 (4.99) 0.00 19.65 (5.29) 11.70 3.15 108.77 10.66 125. 58 (102.01) (2.03) 0.00 (5.81) 0.00														107.61	10.76%	5.53
45 84.63 1.68 0.00 4.82 0.00 19.65 (5.29) 26.24 7.07 74.25 7.28 109. 46 70.27 1.40 0.00 4.00 0.00 19.65 (5.29) 25.12 6.77 76.47 7.50 110. 47 55.91 1.11 0.00 3.18 0.00 19.65 (5.29) 24.00 6.46 78.75 7.72 111. 48 41.56 0.83 0.00 2.37 0.00 19.65 (5.29) 22.89 6.16 81.09 7.95 112. 49 27.20 0.54 0.00 1.55 0.00 19.65 (5.29) 21.77 5.86 83.51 8.19 114. 50 12.84 0.26 0.00 0.73 0.00 19.65 (5.29) 20.65 5.56 86.00 8.43 115. 51 (1.51) (0.03) 0.00 (0.09) 0.00 19.65 (5.29) 19.53 5.26 88.56 8.68 116. 52 (15.87) (0.32) 0.00 (0.90) 0.00 19.65 (5.29) 19.53 5.26 88.56 8.68 116. 53 (30.23) (0.60) 0.00 (1.72) 0.00 19.65 (5.29) 18.41 4.96 91.20 8.94 118. 54 (44.59) (0.89) 0.00 (2.54) 0.00 19.65 (5.29) 19.65 (5.29) 14.41 4.96 99.20 8.94 118. 55 (58.94) (1.17) 0.00 (3.36) 0.00 19.65 (5.29) 15.06 4.05 99.60 9.76 123. 56 (73.30) (1.46) 0.00 (4.17) 0.00 19.65 (5.29) 13.94 3.75 102.56 10.06 125. 57 (87.66) (1.74) 0.00 (4.99) 0.00 19.65 (5.29) 11.70 3.15 108.77 10.66 125.														108.50	10.85%	5.21
46 70.27 1.40 0.00 4.00 0.00 19.65 (5.29) 25.12 6.77 76.47 7.50 110. 47 55.91 1.11 0.00 3.18 0.00 19.65 (5.29) 24.00 6.46 78.75 7.72 111. 48 41.56 0.83 0.00 2.37 0.00 19.65 (5.29) 22.89 6.16 81.09 7.95 112. 49 27.20 0.54 0.00 1.55 0.00 19.65 (5.29) 21.77 5.86 83.51 8.19 114. 50 12.84 0.26 0.00 0.73 0.00 19.65 (5.29) 20.65 5.56 86.00 8.43 115. 51 (1.51) (0.03) 0.00 (0.09) 0.00 19.65 (5.29) 19.53 5.26 88.56 8.68 116. 52 (15.87) (0.32) 0.00 (0.09) 0.00 19.65 (5.29) 19.53 5.26 88.56 8.68 116. 53 (30.23) (0.60) 0.00 (1.72) 0.00 19.65 (5.29) 18.41 4.96 91.20 8.94 118. 54 (44.59) (0.89) 0.00 (2.54) 0.00 19.65 (5.29) 16.18 4.36 96.71 9.48 121. 55 (58.94) (1.17) 0.00 (3.36) 0.00 19.65 (5.29) 15.06 4.05 99.60 9.76 123. 56 (73.30) (1.46) 0.00 (4.17) 0.00 19.65 (5.29) 11.90 3.75 102.56 10.06 125. 57 (87.66) (1.74) 0.00 (4.99) 0.00 19.65 (5.29) 11.70 3.15 108.77 10.66 129.														109.46	10.95%	4.90
47 55.91 1.11 0.00 3.18 0.00 19.65 (5.29) 24.00 6.46 78.75 7.72 111. 48 41.56 0.83 0.00 2.37 0.00 19.65 (5.29) 22.89 6.16 81.09 7.95 112. 49 27.20 0.54 0.00 1.55 0.00 19.65 (5.29) 21.77 5.86 83.51 8.19 114. 50 12.84 0.26 0.00 0.73 0.00 19.65 (5.29) 20.65 5.56 86.00 8.43 115. 51 (1.51) (0.03) 0.00 (0.09) 0.00 19.65 (5.29) 19.53 5.26 88.56 8.68 116. 52 (15.87) (0.32) 0.00 (0.90) 0.00 19.65 (5.29) 19.53 5.26 88.56 8.68 116. 53 (30.23) (0.60) 0.00 (1.72) 0.00 19.65 (5.29) 17.29 4.66 93.92 9.21 119. 54 (44.59) (0.89) 0.00 (2.54) 0.00 19.65 (5.29) 16.18 4.36 96.71 9.48 121. 55 (58.94) (1.17) 0.00 (3.36) 0.00 19.65 (5.29) 15.06 4.05 99.60 9.76 123. 56 (73.30) (1.46) 0.00 (4.17) 0.00 19.65 (5.29) 15.06 4.05 99.60 9.76 123. 57 (87.66) (1.74) 0.00 (4.99) 0.00 19.65 (5.29) 12.82 3.45 105.62 10.35 127. 58 (102.01) (2.03) 0.00 (5.81) 0.00 19.65 (5.29) 11.70 3.15 108.77 10.66 129.	6	70.27	1.40	0.00	4.00	0.00		19.65		25.12	6.77	76.47	7.50	110.48	11.05%	4.62
48 41.56 0.83 0.00 2.37 0.00 19.65 (5.29) 22.89 6.16 81.09 7.95 112.49 49 27.20 0.54 0.00 1.55 0.00 19.65 (5.29) 21.77 5.86 83.51 8.19 114.51 50 12.84 0.26 0.00 0.00 19.65 (5.29) 20.65 5.56 86.00 8.43 115.51 51 (1.51) (0.03) 0.00 (0.09) 0.00 19.65 (5.29) 19.53 5.26 88.56 8.68 116.51 52 (15.87) (0.32) 0.00 (0.90) 0.00 19.65 (5.29) 18.41 4.96 91.20 8.94 118.53 53 (30.23) (0.60) 0.00 (1.72) 0.00 19.65 (5.29) 18.41 4.96 91.20 8.94 118.55 54 (44.59) (0.89) 0.00 (2.54) 0.00 19.65 (5														111.58	11.16%	4.35
49 27.20 0.54 0.00 1.55 0.00 19.65 (5.29) 21.77 5.86 83.51 8.19 114.50 50 12.84 0.26 0.00 0.73 0.00 19.65 (5.29) 20.65 5.56 86.00 8.43 115. 51 (1.51) (0.03) 0.00 (0.09) 0.00 19.65 (5.29) 19.53 5.26 88.66 8.68 115. 52 (15.87) (0.32) 0.00 (0.90) 0.00 19.65 (5.29) 18.41 4.96 91.20 8.94 118. 53 (30.23) (0.60) 0.00 (1.72) 0.00 19.65 (5.29) 17.29 4.66 93.92 9.21 119. 54 (44.59) (0.89) 0.00 (2.54) 0.00 19.65 (5.29) 15.06 4.06 93.92 9.21 119. 55 (58.94) (1.17) 0.00 (3.36) 0.00 19.65 (5.29) 15.06 4.05 99.60 9.76 123. 56<														112.75	11.28%	4.11
50 12.84 0.26 0.00 0.73 0.00 19.65 (5.29) 20.65 5.56 86.00 8.43 115.51 51 (1.51) (0.03) 0.00 (0.09) 0.00 19.65 (5.29) 19.53 5.26 88.56 8.68 116.55 52 (15.87) (0.32) 0.00 (0.90) 0.00 19.65 (5.29) 18.41 4.96 91.20 8.94 1118.53 53 (30.23) (0.60) 0.00 (1.72) 0.00 19.65 (5.29) 17.29 4.66 93.92 9.21 119.55 54 (44.59) (0.89) 0.00 (2.54) 0.00 19.65 (5.29) 16.18 4.36 96.71 9.48 121.55 55 (58.94) (1.17) 0.00 (3.36) 0.00 19.65 (5.29) 15.06 4.05 99.60 9.76 123.45 56 (73.30) (1.46) 0.00 (4.99) 0.00														114.00	11.40%	3.88
52 (15.87) (0.32) 0.00 (0.90) 0.00 19.65 (5.29) 18.41 4.96 91.20 8.94 118. 53 (30.23) (0.60) 0.00 (1.72) 0.00 19.65 (5.29) 17.29 4.66 93.92 9.21 119. 54 (44.59) (0.89) 0.00 (2.54) 0.00 19.65 (5.29) 15.06 4.05 99.60 9.76 123. 55 (58.94) (1.17) 0.00 (3.36) 0.00 19.65 (5.29) 15.06 4.05 99.60 9.76 123. 56 (73.30) (1.46) 0.00 (4.17) 0.00 19.65 (5.29) 13.94 3.75 102.56 10.06 125. 57 (87.66) (1.74) 0.00 (5.81) 0.00 19.65 (5.29) 11.80 3.45 105.62 10.35 127. 58 (102.01) (2.03) 0.00 (5.81) 0.00														115.33	11.53%	3.66
52 (15.87) (0.32) 0.00 (0.90) 0.00 19.65 (5.29) 18.41 4.96 91.20 8.94 118. 53 (30.23) (0.60) 0.00 (1.72) 0.00 19.65 (5.29) 17.29 4.66 93.92 9.21 119. 54 (44.59) (0.89) 0.00 (2.54) 0.00 19.65 (5.29) 15.06 4.05 99.60 9.76 123. 55 (58.94) (1.17) 0.00 (3.36) 0.00 19.65 (5.29) 15.06 4.05 99.60 9.76 123. 56 (73.30) (1.46) 0.00 (4.17) 0.00 19.65 (5.29) 13.94 3.75 102.56 10.06 125. 57 (87.66) (1.74) 0.00 (4.99) 0.00 19.65 (5.29) 11.80 3.45 105.62 10.35 127. 58 (102.01) (2.03) 0.00 (5.81) 0.00														116.74	11.67%	3.46
53 (30.23) (0.60) 0.00 (1.72) 0.00 19.65 (5.29) 17.29 4.66 93.92 9.21 119.54 54 (44.59) (0.89) 0.00 (2.54) 0.00 19.65 (5.29) 16.18 4.36 96.71 9.48 121. 55 (58.94) (1.17) 0.00 (3.36) 0.00 19.65 (5.29) 15.06 4.05 99.60 9.76 123. 56 (73.30) (1.46) 0.00 (4.17) 0.00 19.65 (5.29) 13.94 3.75 102.56 10.06 125. 57 (87.66) (1.74) 0.00 (4.99) 0.00 19.65 (5.29) 12.82 3.45 105.62 10.35 127. 58 (102.01) (2.03) 0.00 (5.81) 0.00 19.65 (5.29) 11.70 3.15 108.77 10.66 129.														118.24	11.82%	3.27
54 (44.59) (0.89) 0.00 (2.54) 0.00 19.65 (5.29) 16.18 4.36 96.71 9.48 121. 55 (58.94) (1.17) 0.00 (3.36) 0.00 19.65 (5.29) 15.06 4.05 99.60 9.76 123. 56 (73.30) (1.46) 0.00 (4.17) 0.00 19.65 (5.29) 13.94 3.75 102.56 10.06 125. 57 (87.66) (1.74) 0.00 (4.99) 0.00 19.65 (5.29) 12.82 3.45 105.62 10.35 127. 58 (102.01) (2.03) 0.00 (5.81) 0.00 19.65 (5.29) 11.70 3.15 108.77 10.66 129.														119.82	11.98%	3.09
55 (58.94) (1.17) 0.00 (3.36) 0.00 19.65 (5.29) 15.06 4.05 99.60 9.76 123. 56 (73.30) (1.46) 0.00 (4.17) 0.00 19.65 (5.29) 13.94 3.75 102.56 10.06 125. 57 (87.66) (1.74) 0.00 (4.99) 0.00 19.65 (5.29) 12.82 3.45 105.62 10.35 127. 58 (102.01) (2.03) 0.00 (5.81) 0.00 19.65 (5.29) 11.70 3.15 108.77 10.66 129.			, ,											121.48	12.15%	2.92
56 (73.30) (1.46) 0.00 (4.17) 0.00 19.65 (5.29) 13.94 3.75 102.56 10.06 125. 57 (87.66) (1.74) 0.00 (4.99) 0.00 19.65 (5.29) 12.82 3.45 105.62 10.35 127. 58 (102.01) (2.03) 0.00 (5.81) 0.00 19.65 (5.29) 11.70 3.15 108.77 10.66 129.														123.24	12.32%	2.77
57 (87.66) (1.74) 0.00 (4.99) 0.00 19.65 (5.29) 12.82 3.45 105.62 10.35 127. 58 (102.01) (2.03) 0.00 (5.81) 0.00 19.65 (5.29) 11.70 3.15 108.77 10.66 129.														125.10	12.51%	2.62
58 (102.01) (2.03) 0.00 (5.81) 0.00 19.65 (5.29) 11.70 3.15 108.77 10.66 129.			, ,		. ,									127.05	12.71%	2.49
														129.10	12.71%	2.36
. 127 1090 ابتنا (40.94) 20.501 (40.94) 20.501 (40.94) 20.501 (40.94) 20.501 (40.94) 20.501 (40.94)														127.06	12.71%	2.30
	,	(133.20)	(3.17)	0.00	(3.07)	133.20		15.05	37.00	-132.02	(40.54)	112.01	10.50	127.00	12./1/0	2.17
400.02 1145.62 1159.26 1159.26 0.00 1,567.84 422.22 3,186.31 312.38 6,625			400		44.7	448		4455	0.55	4 =	495	2 40	245	6,625.80	662.58%	1,625.

72.90

5.31

270.31

19.67

12.42

421.64

30.69

113.55

8.26

5.22

442.57

32.21

20.34

43.39

3.16

1.99

1,625.28

118.28

\$1.63

11.83%

7.47%

PV Levelized payment current \$

Levelized payment constant

176.65

12.86

8.12

505.90

36.82

23.25

541.02

39.37

24.87

Development of Revenue Requirements Stream Capacity-Related Main Extension

12.90

8.12

Levelized payment current \$

Levelized payment constant

36.94

23.26

39.30

24.75

		Interest on	Return on Preferred	Return on Common	Tax	Tax Depreciation	Book	Deferred	Taxable			Property	Revenue	% of Original Investment	PV of Revenue
Year	Rate Base	Debt	Equity	Equity	Depreciation	Rate	Depreciation	Taxes	Income	Income Taxes	Property Tax	Insurance	Requirement	Revenue	Requirem
0	1000.00	40.00	0.00		27.50	2.750/	40.05	4.00	57.00	45.50	20.40	2.00	407.47	40 700/	420.0
1	975.75	19.39	0.00	55.54	37.50	3.75%	19.36	4.88	57.88	15.59	20.40	2.00	137.17	13.72%	128.0
2	942.17	18.73	0.00	53.63	72.19	7.22%	19.36	14.23	20.57	5.54	21.01	2.06	134.55	13.46%	117.2
3 4	910.04	18.09	0.00	51.80	66.77	6.68%	19.36	12.77	23.49	6.33	21.63	2.12	132.10	13.21%	107.4
5	879.26	17.48	0.00	50.05	61.77	6.18%	19.36	11.42	26.09	7.03	22.28	2.18	129.80	12.98%	98.49
	849.72	16.89	0.00	48.37	57.13	5.71%	19.36	10.17	28.43	7.66	22.94	2.25	127.64	12.76%	90.39
6 7	821.35	16.33	0.00	46.76	52.85	5.29%	19.36	9.02	30.50	8.21	23.63	2.32	125.62	12.56%	83.03
	794.03	15.78	0.00	45.20	48.88	4.89%	19.36	7.95	32.34	8.71	24.33	2.39	123.72	12.37%	76.3
8	767.71	15.26	0.00	43.70	45.22	4.52%	19.36	6.96	33.95	9.14	25.06	2.46	121.94	12.19%	70.2
9	741.55	14.74	0.00	42.21	44.62	4.46%	19.36	6.80	32.51	8.76	25.80	2.53	120.20	12.02%	64.5
10	715.39	14.22	0.00	40.72	44.61	4.46%	19.36	6.80	30.48	8.21	26.57	2.60	118.49	11.85%	59.4
11	689.22	13.70	0.00	39.23	44.62	4.46%	19.36	6.80	28.43	7.66	27.36	2.68	116.80	11.68%	54.6
12	663.06	13.18	0.00	37.74	44.61	4.46%	19.36	6.80	26.41	7.11	28.18	2.76	115.14	11.51%	50.3
13	636.90	12.66	0.00	36.26	44.62	4.46%	19.36	6.80	24.36	6.56	29.02	2.84	113.50	11.35%	46.2
14	610.74	12.14	0.00	34.77	44.61	4.46%	19.36	6.80	22.33	6.01	29.88	2.93	111.89	11.19%	42.5
15	584.58	11.62	0.00	33.28	44.62	4.46%	19.36	6.80	20.28	5.46	30.77	3.02	110.31	11.03%	39.1
16	558.42	11.10	0.00	31.79	44.61	4.46%	19.36	6.80	18.25	4.92	31.69	3.11	108.76	10.88%	36.0
17	532.25	10.58	0.00	30.30	44.62	4.46%	19.36	6.80	16.21	4.36	32.63	3.20	107.24	10.72%	33.1
18	506.09	10.06	0.00	28.81	44.61	4.46%	19.36	6.80	14.18	3.82	33.61	3.29	105.75	10.57%	30.5
19	479.93	9.54	0.00	27.32	44.62	4.46%	19.36	6.80	12.13	3.27	34.61	3.39	104.29	10.43%	28.1
20	453.77	9.02	0.00	25.83	44.61	4.46%	19.36	6.80	10.10	2.72	35.64	3.49	102.86	10.29%	25.8
21	433.61	8.62	0.00	24.68	22.31	2.23%	19.36	0.79	30.83	8.30	36.70	3.60	102.06	10.21%	23.9
22	419.47	8.34	0.00	23.88	0.00		19.36	(5.21)	52.04	14.01	37.79	3.71	101.88	10.19%	22.3
23	405.32	8.06	0.00	23.07	0.00		19.36	(5.21)	50.94	13.72	38.92	3.82	101.73	10.17%	20.8
24	391.17	7.78	0.00	22.27	0.00		19.36	(5.21)	49.84	13.42	40.08	3.93	101.62	10.16%	19.3
25	377.03	7.49	0.00	21.46	0.00		19.36	(5.21)	48.73	13.12	41.27	4.05	101.55	10.15%	18.0
26	362.88	7.21	0.00	20.66	0.00		19.36	(5.21)	47.63	12.83	42.50	4.17	101.51	10.15%	16.8
27	348.73	6.93	0.00	19.85	0.00		19.36	(5.21)	46.53	12.53	43.77	4.29	101.52	10.15%	15.7
28	334.58	6.65	0.00	19.05	0.00		19.36	(5.21)	45.43	12.23	45.07	4.42	101.57	10.16%	14.7
29	320.44	6.37	0.00	18.24	0.00		19.36	(5.21)	44.32	11.94	46.42	4.55	101.66	10.17%	13.7
30	306.29	6.09	0.00	17.44	0.00		19.36	(5.21)	43.22	11.64	47.80	4.69	101.80	10.18%	12.8
31	292.14	5.81	0.00	16.63	0.00		19.36	(5.21)	42.12	11.34	49.23	4.83	101.98	10.20%	12.0
32	278.00	5.53	0.00	15.82	0.00		19.36	(5.21)	41.02	11.05	50.69	4.97	102.21	10.22%	11.2
33	263.85	5.24	0.00	15.02	0.00		19.36	(5.21)	39.92	10.75	52.20	5.12	102.48	10.25%	10.5
34	249.70	4.96	0.00	14.21	0.00		19.36	(5.21)	38.81	10.45	53.76	5.27	102.81	10.28%	9.84
35	235.56	4.68	0.00	13.41	0.00		19.36	(5.21)	37.71	10.16	55.36	5.43	103.18	10.32%	9.22
36	221.41	4.40	0.00	12.60	0.00		19.36	(5.21)	36.61	9.86	57.01	5.59	103.61	10.36%	8.64
37	207.26	4.12	0.00	11.80	0.00		19.36	(5.21)	35.51	9.56	58.71	5.76	104.09	10.41%	8.10
38	193.11	3.84	0.00	10.99	0.00		19.36	(5.21)	34.41	9.27	60.46	5.93	104.63	10.46%	7.60
39	178.97	3.56	0.00	10.19	0.00		19.36	(5.21)	33.30	8.97	62.26	6.10	105.22	10.52%	7.13
40	164.82	3.28	0.00	9.38	0.00		19.36	(5.21)	32.20	8.67	64.12	6.29	105.22	10.59%	6.7
41	150.67	2.99	0.00	8.58	0.00		19.36	(5.21)		8.37	66.03	6.47	105.88	10.55%	
42	136.53	2.99	0.00	6.56 7.77	0.00		19.36	(5.21)	31.10 30.00	8.08	67.99	6.67	100.39	10.74%	6.29 5.92
43	122.38	2.43	0.00	6.97	0.00		19.36	(5.21)	28.89	7.78	70.02	6.86	108.21	10.82%	5.5
44	108.23	2.15	0.00	6.16	0.00		19.36	(5.21)	27.79	7.48	72.11	7.07	109.12	10.91%	5.2
45	94.09	1.87	0.00	5.36	0.00		19.36	(5.21)	26.69	7.19	74.25	7.28	110.09	11.01%	4.9
46	79.94	1.59	0.00	4.55	0.00		19.36	(5.21)	25.59	6.89	76.47	7.50	111.14	11.11%	4.6
47	65.79	1.31	0.00	3.75	0.00		19.36	(5.21)	24.49	6.59	78.75	7.72	112.26	11.23%	4.3
48	51.64	1.03	0.00	2.94	0.00		19.36	(5.21)	23.38	6.30	81.09	7.95	113.45	11.35%	4.1
49	37.50	0.75	0.00	2.13	0.00		19.36	(5.21)	22.28	6.00	83.51	8.19	114.72	11.47%	3.9
50	23.35	0.46	0.00	1.33	0.00		19.36	(5.21)	21.18	5.70	86.00	8.43	116.07	11.61%	3.6
51	9.20	0.18	0.00	0.52	0.00		19.36	(5.21)	20.08	5.41	88.56	8.68	117.50	11.75%	3.4
52	(4.94)	(0.10)	0.00	(0.28)	0.00		19.36	(5.21)	18.98	5.11	0.00	8.94	27.82	2.78%	0.7
53	(19.09)	(0.38)	0.00	(1.09)	0.00		19.36	(5.21)	17.87	4.81	0.00	9.21	26.70	2.67%	0.6
54	(33.24)	(0.66)	0.00	(1.89)	0.00		19.36	(5.21)	16.77	4.52	0.00	9.48	25.59	2.56%	0.6
55	(47.38)	(0.94)	0.00	(2.70)	0.00		19.36	(5.21)	15.67	4.22	0.00	9.76	24.49	2.45%	0.5
56	(61.53)	(1.22)	0.00	(3.50)	0.00		19.36	(5.21)	14.57	3.92	0.00	10.06	23.40	2.34%	0.4
57	(75.68)	(1.50)	0.00	(4.31)	0.00		19.36	(5.21)	13.47	3.63	0.00	10.35	22.32	2.23%	0.4
58	(89.83)	(1.79)	0.00	(5.11)	0.00		19.36	(5.21)	12.36	3.33	0.00	10.66	21.24	2.12%	0.3
59	(142.29)	(2.83)	0.00	(8.10)	142.29		19.36	33.11	-134.02	(36.09)	1.00	10.98	17.43	1.74%	0.3
	•	-								•					
al		407.50		1167.05	1142.29		1142.29	0.00	1,597.17	430.12	2,376.92	312.38	5,836.27	583.63%	1,607
		177.45		508.21	540.73		266.36	73.89	421.13	113.41	424.97	43.39	1,607.67	160.77%	
		12.00		26.04	20.20		10.26	E 27	20.61	0.24	20.00	2 15	116 06	11 60%	

19.36

12.19

5.37

3.38

30.61

19.28

8.24

5.19

30.89

19.45

3.15

1.99

116.86

73.59

11.69%

7.36%

Development of Revenue Requirements Stream Services

Levelized payment constant \$

6.99

20.02

26.71

			Return on	Return on		Tax								% of Original	
		Interest on	Preferred	Common	Tax	Depreciation	Book	Deferred	Taxable			Property	Revenue	Investment	PV of Revenu
Year	Rate Base	Debt	Equity	Equity	Depreciation	Rate	Depreciation	Taxes	Income	Income Taxes	Property Tax	Insurance	Requirement	Revenue	Requirement
0	1000.00				-		-						-		-
1	966.52	19.21	0.00	55.02	37.50	3.75%	32.00	1.48	69.80	18.80	20.40	2.00	148.91	14.89%	138.98
2	923.70	18.36	0.00	52.58	72.19	7.22%	32.00	10.82	31.77	8.56	21.01	2.06	145.39	14.54%	126.64
3	882.33	17.54	0.00	50.23	66.77	6.68%	32.00	9.36	33.97	9.15	21.63	2.12	142.03	14.20%	115.47
4	842.32	16.74	0.00	47.95	61.77	6.18%	32.00	8.02	35.85	9.65	22.28	2.18	138.83	13.88%	105.34
5	803.55	15.97	0.00	45.74	57.13	5.71%	32.00	6.77	37.47	10.09	22.94	2.25	135.76	13.58%	96.14
6	765.93	15.22	0.00	43.60	52.85	5.29%	32.00	5.61	38.82	10.45	23.63	2.32	132.84	13.28%	87.80
7	729.39	14.50	0.00	41.52	48.88	4.89%	32.00	4.55	39.94	10.76	24.33	2.39	130.04	13.00%	80.22
8	693.83	13.79	0.00	39.50	45.22	4.52%	32.00	3.56	40.83	11.00	25.06	2.46	127.35	12.74%	73.32
9	658.43	13.09	0.00	37.48	44.62	4.46%	32.00	3.40	38.67	10.42	25.80	2.53	124.71	12.47%	67.01
10	623.03	12.38	0.00	35.47	44.61	4.46%	32.00	3.40	35.93	9.68	26.57	2.60	122.10	12.21%	61.23
11	587.63	11.68	0.00	33.45	44.62	4.46%	32.00	3.40	33.16	8.93	27.36	2.68	119.50	11.95%	55.94
12	552.24	10.98	0.00	31.44	44.61	4.46%	32.00	3.40	30.41	8.19	28.18	2.76	116.94	11.69%	51.09
13	516.84	10.27	0.00	29.42	44.62	4.46%	32.00	3.40	27.64	7.44	29.02	2.84	114.40	11.44%	46.64
14	481.44	9.57	0.00	27.41	44.61	4.46%	32.00	3.40	24.90	6.70	29.88	2.93	111.89	11.19%	42.58
15	446.04	8.87	0.00	25.39	44.62	4.46%	32.00	3.40	22.13	5.96	30.77	3.02	109.40	10.94%	38.86
16	410.65	8.16	0.00	23.38	44.61	4.46%	32.00	3.40	19.38	5.22	31.69	3.11	106.95	10.69%	35.45
17	375.25	7.46	0.00	21.36	44.62	4.46%	32.00	3.40	16.61	4.47	32.63	3.20	104.53	10.45%	32.34
18	339.85	6.76	0.00	19.35	44.61	4.46%	32.00	3.40	13.87	3.73	33.61	3.29	102.13	10.21%	29.49
19	304.46	6.05	0.00	17.33	44.62	4.46%	32.00	3.40	11.10	2.99	34.61	3.39	99.77	9.98%	26.89
20	269.06	5.35	0.00	15.32	44.62	4.46%	32.00	3.40	8.35	2.25	35.64	3.49	97.44	9.74%	24.51
20	239.67	3.33 4.76	0.00	13.64	22.31	2.23%	32.00	(2.61)	28.36	7.64	36.70	3.60	95.73	9.57%	22.47
22	216.29	4.70	0.00	12.31	0.00	2.23/0	32.00	(8.62)	48.85	13.16	37.79	3.71	94.65	9.46%	20.74
23	192.90	3.83	0.00	10.98	0.00		32.00	(8.62)	48.83 47.03	12.66	38.92	3.82	93.60	9.46%	19.14
23 24	192.90		0.00	9.65	0.00			` '		12.17	40.08		92.59	9.36%	17.67
		3.37					32.00	(8.62)	45.21			3.93			
25	146.14	2.90	0.00	8.32	0.00		32.00	(8.62)	43.39	11.68	41.27	4.05	91.61	9.16%	16.32
26 27	122.76	2.44	0.00	6.99	0.00		32.00	(8.62)	41.56	11.19	42.50	4.17	90.67	9.07%	15.07
	99.38	1.98	0.00	5.66	0.00		32.00	(8.62)	39.74	10.70	43.77	4.29	89.78	8.98%	13.93
28	75.99	1.51	0.00	4.33	0.00		32.00	(8.62)	37.92	10.21	45.07	4.42	88.92	8.89%	12.88
29	52.61	1.05	0.00	2.99	0.00		32.00	(8.62)	36.10	9.72	0.00	0.00	37.14	3.71%	5.02
30	29.23	0.58	0.00	1.66	0.00		32.00	(8.62)	34.28	9.23	0.00	0.00	34.86	3.49%	4.40
31	5.85	0.12	0.00	0.33	0.00		32.00	(8.62)	32.46	8.74	0.00	0.00	32.57	3.26%	3.83
32	(17.54)	(0.35)	0.00	(1.00)	0.00		32.00	(8.62)	30.63	8.25	0.00	0.00	30.29	3.03%	3.33
33	(40.92)	(0.81)	0.00	(2.33)	0.00		32.00	(8.62)	28.81	7.76	0.00	0.00	28.00	2.80%	2.87
34	(64.30)	(1.28)	0.00	(3.66)	0.00		32.00	(8.62)	26.99	7.27	0.00	0.00	25.71	2.57%	2.46
35	(87.68)	(1.74)	0.00	(4.99)	0.00		32.00	(8.62)	25.17	6.78	0.00	0.00	23.43	2.34%	2.09
36	(111.07)	(2.21)	0.00	(6.32)	0.00		32.00	(8.62)	23.35	6.29	0.00	0.00	21.14	2.11%	1.76
37	(134.45)	(2.67)	0.00	(7.65)	0.00		32.00	(8.62)	21.53	5.80	0.00	0.00	18.85	1.89%	1.47
38	(157.83)	(3.14)	0.00	(8.98)	0.00		32.00	(8.62)	19.70	5.31	0.00	0.00	16.57	1.66%	1.20
39	(181.21)	(3.60)	0.00	(10.32)	0.00		32.00	(8.62)	17.88	4.82	0.00	0.00	14.28	1.43%	0.97
40	(204.60)	(4.07)	0.00	(11.65)	0.00		32.00	(8.62)	16.06	4.33	0.00	0.00	11.99	1.20%	0.76
41	(227.98)	(4.53)	0.00	(12.98)	0.00		32.00	(8.62)	14.24	3.83	0.00	0.00	9.71	0.97%	0.57
42	(251.36)	(5.00)	0.00	(14.31)	0.00		32.00	(8.62)	12.42	3.34	0.00	0.00	7.42	0.74%	0.41
43	(274.74)	(5.46)	0.00	(15.64)	0.00		32.00	(8.62)	10.60	2.85	0.00	0.00	5.14	0.51%	0.26
44	(408.00)	(8.11)	0.00	(23.23)	408.00		32.00	101.26	-407.79	(109.82)	0.00	0.00	-7.89	-0.79%	-0.38
otal		225.82		646.73	1,408.00		1,408.00	0.00	885.09	238.35	873.15	85.60	3,477.66	347.77%	1,505.18
PV		145.99		418.12	557.89		426.37	35.42	440.70	118.68	328.40	32.20	1,505.18	150.52%	1,555.10
	ment current \$	10.77		30.85	41.17		31.46	2.61	32.52	8.76	24.23	2.38	111.07	11.11%	
		6.00		30.83	26.71		30.40	1.70	21.10	5.70 E 60	15 72	1 54	72.06	7.240/	

20.41

1.70

21.10

5.68

15.72

1.54

72.06

7.21%

Development of Revenue Requirements Stream Meters

8.68

Levelized payment constant \$

24.85

32.92

		Interest on		Common	Tax	Tax Depreciation		Deferred _	Taxable	Income	Property	Property	Revenue	% of Original Investment	Revenue
Year	Rate Base	Debt	Equity	Equity	Depreciation	Rate	Depreciation	Taxes	Income	Taxes	Tax	Insurance	Requirement	Revenue	Requiremer
0	1000.00														
1	963.80	19.16	0.00	54.86	37.50	3.75%	35.71	0.48	73.30	19.74	20.40	2.00	152.36	15.24%	142.20
2	918.27	18.25	0.00	52.27	72.19	7.22%	35.71	9.82	35.06	9.44	21.01	2.06	148.57	14.86%	129.42
3	874.19	17.38	0.00	49.76	66.77	6.68%	35.71	8.36	37.05	9.98	21.63	2.12	144.95	14.49%	117.84
4	831.46	16.53	0.00	47.33	61.77	6.18%	35.71	7.02	38.72	10.43	22.28	2.18	141.48	14.15%	107.35
5	789.98	15.70	0.00	44.97	57.13	5.71%	35.71	5.77	40.13	10.81	22.94	2.25	138.15	13.82%	97.84
6	749.65	14.90	0.00	42.67	52.85	5.29%	35.71	4.61	41.27	11.11	23.63	2.32	134.96	13.50%	89.20
7	710.39	14.12	0.00	40.44	48.88	4.89%	35.71	3.55	42.18	11.36	24.33	2.39	131.89	13.19%	81.36
8	672.11	13.36	0.00	38.26	45.22	4.52%	35.71	2.56	42.86	11.54	25.06	2.46	128.95	12.89%	74.24
9	634.00	12.60	0.00	36.09	44.62	4.46%	35.71	2.40	40.49	10.90	25.80	2.53	126.04	12.60%	67.73
10	595.89	11.84	0.00	33.92	44.61	4.46%	35.71	2.40	37.53	10.11	26.57	2.60	123.16	12.32%	61.77
11	557.78	11.09	0.00	31.75	44.62	4.46%	35.71	2.40	34.55	9.30	27.36	2.68	120.30	12.03%	56.31
12	519.67	10.33	0.00	29.58	44.61	4.46%	35.71	2.40	31.59	8.51	28.18	2.76	117.47	11.75%	51.32
13	481.56	9.57	0.00	27.41	44.62	4.46%	35.71	2.40	28.61	7.70	29.02	2.84	114.66	11.47%	46.75
14	443.45	8.81	0.00	25.24	44.61	4.46%	35.71	2.40	25.65	6.91	29.88	2.93	111.89	11.19%	42.58
15	405.33	8.06	0.00	23.07	44.62	4.46%	35.71	2.40	22.67	6.11	30.77	3.02	109.14	10.91%	38.76
16	367.22	7.30	0.00	20.90	44.61	4.46%	35.71	2.40	19.71	5.31	31.69	3.11	106.42	10.64%	35.28
17	329.11	6.54	0.00	18.73	44.62	4.46%	35.71	2.40	16.73	4.51	32.63	3.20	103.73	10.37%	32.09
18	291.00	5.78	0.00	16.57	44.61	4.46%	35.71	2.40	13.77	3.71	33.61	3.29	101.07	10.11%	29.18
19	252.89	5.03	0.00	14.40	44.62	4.46%	35.71	2.40	10.80	2.91	34.61	3.39	98.44	9.84%	26.53
20	214.78	4.27	0.00	12.23	44.61	4.46%	35.71	2.40	7.84	2.11	35.64	3.49	95.85	9.58%	24.11
21	182.68	3.63	0.00	10.40	22.31	2.23%	35.71	(3.61)	27.64	7.44	36.70	3.60	93.87	9.39%	22.04
22	156.58	3.11	0.00	8.91	0.00		35.71	(9.62)	47.91	12.90	37.79	3.71	92.52	9.25%	20.27
23	130.48	2.59	0.00	7.43	0.00		35.71	(9.62)	45.88	12.36	38.92	3.82	91.21	9.12%	18.65
24	104.39	2.07	0.00	5.94	0.00		35.71	(9.62)	43.85	11.81	40.08	3.93	89.93	8.99%	17.16
25	78.29	1.56	0.00	4.46	0.00		35.71	(9.62)	41.81	11.26	41.27	4.05	88.69	8.87%	15.80
26	52.19	1.04	0.00	2.97	0.00		35.71	(9.62)	39.78	10.71	42.50	4.17	87.49	8.75%	14.54
27	26.10	0.52	0.00	1.49	0.00		35.71	(9.62)	37.75	10.71	43.77	4.29	86.33	8.63%	13.39
28	(0.00)	(0.00)	0.00	(0.00)	0.00		35.71	(9.62)	35.71	9.62	45.07	4.42	85.21	8.52%	12.34
	(0.00)	(0.00)	0.00	(0.00)	0.00		33.72	(3.02)	33.72		43.07	71.12	03.22	0.52,0	12.5
Total		245.14		702.07	1,000.00		1,000.00	0.00	960.82	258.75	873.15	85.60	3,164.71	316.47%	1,486.04
PV		141.88		406.33	538.31		427.47	29.85	445.25	119.91	328.40	32.20	1,486.04	148.60%	
Levelized pay	yment current \$	11.85		33.95	44.97		35.71	2.49	37.20	10.02	27.44	2.69	124.15	12.42%	

26.14

1.83

27.23

7.33

20.09

1.97

90.89

9.09%

Fixed Carrying Charge Rates

Г				Producti	on Plant			Mains Rein	forcements		Mains Extensions					Serv	ices		Meters			
Li	ine	Description	Curren	t Dollars	Constai	nt Dollars	Curren	t Dollars	Constai	nt Dollars	Curren	t Dollars	Constar	nt Dollars	Curren	t Dollars	Constai	nt Dollars	Curren	t Dollars	Consta	ınt Dollars
			Engine	er's FCCR	Econom	ist's FCCR	Engine	er's FCCR	Econom	nist's FCCR	Engine	er's FCCR	Econom	ist's FCCR	Engine	er's FCCR	Econom	nist's FCCR	Engine	er's FCCR	Econor	nist's FCCR
			Current		Constant		Current		Constant		Current		Constant		Current		Constant		Current		Constant	
			Levelized	% of Capital	Levelized	% of Capital	Levelized	% of Capital	Levelized	% of Capital	Levelized	% of Capital	Levelized	% of Capital	Levelized	% of Capital	Levelized	% of Capital	Levelized	% of Capital	Levelized	% of Capital
			Dollars	Investment	Dollars	Investment	Dollars	Investment	Dollars	Investment	Dollars	Investment	Dollars	Investment	Dollars	Investment	Dollars	Investment	Dollars	Investment	Dollars	Investment
	1	Interest on Debt	\$12.16	1.2%	\$8.54	0.9%	\$12.86	1.3%	\$8.12	0.8%	\$12.90	1.3%	\$8.12	0.8%	\$10.77	1.1%	\$6.99	0.7%	\$11.85	1.2%	\$8.68	0.9%
	2	Return on Preferred	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%
	3	Return on Common	\$34.83	3.5%	\$24.47	2.4%	<u>\$36.82</u>	3.7%	\$23.25	2.3%	\$36.94	3.7%	\$23.26	2.3%	\$30.85	3.1%	\$20.02	2.0%	\$33.95	3.4%	\$24.85	<u>2.5%</u>
	4	Total Return	\$46.99	4.7%	\$33.01	3.3%	\$49.67	5.0%	\$31.37	3.1%	\$49.84	5.0%	\$31.38	3.1%	\$41.63	4.2%	\$27.01	2.7%	\$45.80	4.6%	\$33.53	3.4%
	5	Depreciation	\$29.41	2.9%	\$20.66	2.1%	\$19.67	2.0%	\$12.42	1.2%	\$19.36	1.9%	\$12.19	1.2%	\$31.46	3.1%	\$20.41	2.0%	\$35.71	3.6%	\$26.14	2.6%
	6	Income tax	\$9.30	0.9%	\$6.54	0.7%	\$8.26	0.8%	\$5.22	0.5%	\$8.24	0.8%	\$5.19	0.5%	\$8.76	0.9%	\$5.68	0.6%	\$10.02	1.0%	\$7.33	0.7%
	7	Deferred Taxes	\$3.53	0.4%	\$2.48	0.2%	\$5.31	0.5%	\$3.35	0.3%	\$5.37	0.5%	\$3.38	0.3%	\$2.61	0.3%	\$1.70	0.2%	\$2.49	0.2%	\$1.83	0.2%
	8	Revenue Tax	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%	\$0.00	0.0%
	9	Property Tax	\$28.65	2.9%	\$20.13	2.0%	\$32.21	3.2%	\$20.34	2.0%	\$30.89	3.1%	\$19.45	1.9%	\$24.23	2.4%	\$15.72	1.6%	\$27.44	2.7%	\$20.09	2.0%
	10	Total Taxes	\$41.48	4.1%	\$29.15	2.9%	\$45.78	4.6%	\$28.91	2.9%	\$44.50	4.5%	\$28.02	2.8%	\$35.60	3.6%	\$23.10	2.3%	\$39.95	4.0%	\$29.24	2.9%
	11	Property Insurance	\$2.81	0.3%	\$1.97	0.2%	\$3.16	0.3%	\$1.99	0.2%	\$3.15	0.3%	\$1.99	0.2%	\$2.38	0.2%	\$1.54	0.2%	\$2.69	0.3%	\$1.97	0.2%
							\$0.00	0.0%	\$0.00	0.0%												
	12	Total Revenue Required	\$120.69	12.1%	\$84.80	8.5%	\$118.28	11.8%	\$74.70	7.5%	\$116.86	11.7%	\$73.59	7.4%	\$111.07	11.1%	\$72.06	7.2%	\$124.15	12.4%	\$90.89	9.1%

Summary of Marginal Capacity-Related Costs

Line	Description	Production in lieu of	Naciona uninfassassassas	Naine automaien	Takal diskeih skiasa	
1	Plant Investment	reinforcement	Mains reinforcement	Mains extension	Total distribution	_
2	Long-run unit costs - \$/design day dth	\$74.62	\$4,205.32	\$1,620.78	\$5,900.72	[1]
3	General plant loading factor	7.05%	7.05%	7.05%	ψ3,300.7 <i>2</i>	[2]
4	Gross-up unit costs	\$79.88	\$4,501.72	\$1,735.02	\$6,316.62	[3]
5	Fixed charge rate	8.48%	7.47%	7.36%		[4]
6	Plant-related A&G loading factor	0.18%	0.18%	0.18%		[5]
7	Grossed up fixed charge rate	8.66%	7.65%	7.54%		[6]
8	Annualized cost	\$6.92	\$344.52	\$130.85	\$482.29	[7]
9	Operating Expense					
10	Production capacity costs	\$0.85			\$0.85	[8]
11	Distribution capacity costs			\$61.69	\$61.69	[9]
12	Non-plant A&G loading factor	<u>62.82%</u>	<u>62.82%</u>	<u>62.82%</u>		[10]
13	Total O&M expense	\$1.39	\$0.00	\$100.44	\$101.83	[11]
14	Working Capital					
15	M&S and prepayments rate	<u>1.57%</u>	<u>1.57%</u>	<u>1.57%</u>	0.00%	[12]
16	M&S and prepayments cost	\$1.25	\$70.67	\$27.24	\$99.16	[13]
17	Working cash allowance lag (days)	<u>24.86</u>	<u>24.86</u>	<u>24.86</u>		[14]
18	Working cash allowance lag (rate)	<u>6.81%</u>	<u>6.81%</u>	<u>6.81%</u>		[15]
19	Working cash O&M allowance	<u>\$0.10</u>	<u>\$0.56</u>	<u>\$7.06</u>	<u>\$7.72</u>	[16]
20	Total working capital	\$1.36	\$71.23	\$34.29	\$106.88	[17]
21	Tax affected cost of capital rate	<u>9.78%</u>	<u>9.78%</u>	<u>9.78%</u>	<u>0.00%</u>	[18]
22	Working capital revenue requirement	\$0.13	\$6.97	\$3.35	\$10.45	[19]
23	System Seasonal Capacity Related Cost					
24	\$/design day dth	\$8.44	\$351.48	\$234.64	\$594.57	[20]
25	Sales/sendout factor	<u>95.81%</u>	<u>95.81%</u>	<u>95.81%</u>		[21]
26	Inflation	<u>2.98%</u>	<u>2.98%</u>	<u>2.98%</u>		[22]
27	Seasonal Capacity Cost	\$9.06	\$377.14	\$251.77	\$637.97	[23]

- [1] MCOS-1 and MCOS-2
- [2] MCOS-4
- [3] (1 + Line 3) x Line 2
- [4] MCOS-5
- [5] MCOS-4
- [6] Line 5 + Line 6
- [7] Line 4 x Line 7
- [8] MCOS-2
- [9] MCOS-2
- [10] MCOS-4
- [11] (1 + Line 12) x (Line 10 + Line 11)
- [12] MCOS-4
- [13] Line 15 x Line 4
- [14] Company data
- [15] Line 17 / 365
- [16] [(Line 6 x Line 4)+ Line 13] x Line 18
- [17] Line 19 + Line 16
- [18] MCOS-5
- [19] Line 21 x Line 20
- [20] Line 22 + Line 13 + Line 8
- [21] Company data
- [23] ((1 + (1 Line 25)) x Line 24) x (1 + Line 26)

Summary of Marginal Customer-Related Costs

Line	Description	R-1	R3, R-4	G-41	G-42	G-43	G-51	G-52	G-53	G-54	1
1	Plant Investment										1
2	Meters and regulators	\$731.51	\$731.51	\$1,805.26	\$4,060.18	\$9,857.54	\$1,805.26	\$4,060.18	\$9,857.54	\$9,857.54	[1]
3	General plant loading factor	7.05%	7.05%	7.05%	7.05%	7.05%	7.05%	7.05%	7.05%	7.05%	[2]
4	Grossed up meter costs	\$783.07	\$783.07	\$1,932.50	\$4,346.35	\$10,552.32	\$1,932.50	\$4,346.35	\$10,552.32	\$10,552.32	[3]
5	Fixed charge rate	9.09%	9.09%	9.09%	9.09%	9.09%	9.09%	9.09%	9.09%	9.09%	[4]
6	Meter carrying costs	\$71.17	\$71.17	\$175.64	\$395.03	\$959.07	\$175.64	\$395.03	\$959.07	\$959.07	[5]
7	Services	\$5,250.30	\$5,250.30	\$5,576.19	\$8,071.70	\$5,027.08	\$5,576.19	\$8,071.70	\$5,027.08	\$5,027.08	[6]
8	General plant loading factor	<u>7.05%</u>	7.05%	<u>7.05%</u>	<u>7.05%</u>	7.05%	<u>7.05%</u>	<u>7.05%</u>	7.05%	7.05%	[7]
9	Grossed up services costs	\$5,620.35	\$5,620.35	\$5,969.22	\$8,640.62	\$5,381.40	\$5,969.22	\$8,640.62	\$5,381.40	\$5,381.40	[8]
10	Fixed charge rate	7.21%	7.21%	7.21%	7.21%	7.21%	7.21%	7.21%	7.21%	7.21%	[9]
11	Services carrying costs	\$405.00	\$405.00	\$430.13	\$622.63	\$387.78	\$430.13	\$622.63	\$387.78	\$387.78	[10]
12	Total plant carrying costs	\$476.17	\$476.17	\$605.77	\$1,017.66	\$1,346.84	\$605.77	\$1,017.66	\$1,346.84	\$1,346.84	[11]
13	Plant -related A&G loading factor	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	0.18%	[12
14	Annualized cost	\$477.04	\$477.04	\$606.88	\$1,019.52	\$1,349.31	\$606.88	\$1,019.52	\$1,349.31	\$1,349.31	[13]
15	Operating Expense										
16	Plant-related O&M/customer	\$64.94	\$64.94	\$80.13	\$131.70	\$161.58	\$80.13	\$131.70	\$161.58	\$161.58	[14
17	Customer accounting & marketing expense	\$43.85	\$43.85	\$43.85	\$43.85	\$43.85	\$43.85	\$43.85	\$43.85	\$43.85	[15]
18	Non-plant A&G loading factor	62.82%	62.82%	62.82%	62.82%	62.82%	62.82%	62.82%	62.82%	62.82%	[16
19	Total O&M expense	\$177.12	\$177.12	\$201.85	\$285.82	\$334.47	\$201.85	\$285.82	\$334.47	\$334.47	[20]
20	Working Capital										
21	M&S and prepayments rate	1.57%	1.57%	1.57%	1.57%	1.57%	1.57%	1.57%	1.57%	1.57%	[21]
22	M&S and prepayments cost	\$100.52	\$100.52	\$124.04	\$203.87	\$250.13	\$124.04	\$203.87	\$250.13	\$250.13	[22
23	Working cash allowance (days)	24.86	24.86	24.86	24.86	24.86	24.86	24.86	24.86	24.86	[23
24	Working cash lag (rate)	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	6.81%	[24
25	Working cash O&M allowance	\$12.12	\$12.12	\$13.82	\$19.59	\$22.95	\$13.82	<u>\$19.59</u>	\$22.95	\$22.95	[25]
26	Total working capital	\$112.65	\$112.65	\$137.87	\$223.47	\$273.08	\$137.87	\$223.47	\$273.08	\$273.08	[26
27	Tax affected cost of capital	9.78%	9.78%	9.78%	9.78%	9.78%	9.78%	9.78%	9.78%	9.78%	[27
28	Working capital revenue requirement	\$11.01	\$11.01	\$13.48	\$21.85	\$26.70	\$13.48	\$21.85	\$26.70	\$26.70	[28]
29	Customer Related Cost										
30	Annual cost per customer	\$665.17	\$665.17	\$822.22	\$1,327.19	\$1,710.48	\$822.22	\$1,327.19	\$1,710.48	\$1,710.48	[29
31	Inflation	2.98%	2.98%	2.98%	2.98%	2.98%	2.98%	2.98%	2.98%	2.98%	[30]
32	Annual customer related cost	\$684.99	\$684.99	\$846.72	\$1,366.74	\$1,761.45	\$846.72	\$1,366.74	\$1,761.45	\$1,761.45	[31]

- [1] Company data
- [2] MCOS-4
- [3] (1 + Line 3) x Line 2
- [4] MCOS-5
- [5] Line 5 x Line 4
- [6] Company data [7] MCOS-4
- [8] (1 + Line 8) x Line 7
- [9] MCOS-5
- [10] Line 10 x Line 9
- [11] Line 11 + Line 6
- [12] MCOS-4
- [13] (1 + Line 13) x Line 12
- [14] MCOS-3
- [15] MCOS-3 [16] MCOS-4
- [20] (Line 16 + Line 17) x (1 + Line 18)
- [21] MCOS-4
- [22] (Line 9 + Line 4) x Line 21 [23] Company data
- [24] Line 23 / 365
- [25] [(Line 12 x Line 13) + Line 19] x Line 24 [26] Line 25 + Line 22
- [27] MCOS-5
- [28] Line 26 x Line 27
- [29] Line 28 + Line 19 + Line 14
- [31] Line 30 x (1 + Line 31)

Marginal Cost Estimates

Line	Description	R-1	R3, R-4	G-41	G-42	G-43	G-51	G-52	G-53	G-54	1
1	Bad debt factor	4.38%	3.18%	0.83%	0.15%	0.00%	0.57%	0.05%	0.00%	0.00%	[1]
2	Customer - Monthly Charge										
3	Monthly customer charge	\$57.08	\$57.08	\$70.56	\$113.89	\$146.79	\$70.56	\$113.89	\$146.79	\$146.79	[2]
4	Adjustment for uncollectible	\$2.50	<u>\$1.81</u>	\$0.58	\$0.17	\$0.00	\$0.40	\$0.06	\$0.00	\$0.00	[3]
5	Grossed up monthly cust charge	\$59.58	\$58.90	\$71.14	\$114.07	\$146.79	\$70.96	\$113.95	\$146.79	\$146.79	[4]
6	Capacity - Winter Charge										
7	Distribution charge - pressure support	\$9.06	\$9.06	\$9.06	\$9.06	\$9.06	\$9.06	\$9.06	\$9.06	\$9.06	[5]
8	Distribution charge - reinforcement	\$377.14	\$377.14	\$377.14	\$377.14	\$377.14	\$377.14	\$377.14	\$377.14	\$377.14	[6]
9	Distribution charge - main extension	\$251.77	\$251.77	\$251.77	\$251.77	\$251.77	\$251.77	\$251.77	\$251.77	\$251.77	[7]
10	Adjustment for uncollectible	<u>\$27.95</u>	\$20.28	\$5.27	<u>\$0.96</u>	\$0.00	\$3.64	\$0.33	\$0.00	\$0.00	[8]
11	Grossed up winter charge	\$665.92	\$658.25	\$643.24	\$638.93	\$637.97	\$641.61	\$638.30	\$637.97	\$637.97	[9]
12	Capacity - Summer Charge										
13	Summer Charge	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	[10]
13	Billing Determinants										
14	2022 Average Customers	3,420	81,934	9,678	1,476	65	1,295	414	34	27	[11
15	2022 Design Day Load (dth)	<u>613</u>	71,447	30,215	38,888	11,459	3,057	6,851	9,510	7,824	[12
16	2022 Normalized Winter demand (dth)	57,075	4,884,442	2,063,014	2,779,486	939,955	245,175	536,476	580,160	741,905	[13
17	2022 Normalized Summer demand (dth)	23,790	1,013,556	297,341	554,616	280,442	159,896	344,527	529,881	1,024,454	[14]
18	Total Customer Marginal Costs										
19	Total customer-related cost (annual)	\$2,445,300	\$57,907,438	\$8,262,487	\$2,019,960	\$114,097	\$1,102,994	\$565,576	\$60,769	\$47,061	[15]
20	Total Capacity - Winter Costs										
21	Pressure support	\$5,799	\$667,941	\$276,034	\$352,885	\$103,829	\$27,853	\$62,108	\$86,165	\$70,891	[16
22	Reinforcements	\$241,389	\$27,802,192	\$11,489,556	\$14,688,371	\$4,321,751	\$1,159,334	\$2,585,175	\$3,586,507	\$2,950,768	[17
23	Main extension	\$161,144	\$18,559,879	<u>\$7,670,070</u>	\$9,805,500	\$2,885,066	\$773,935	<u>\$1,725,782</u>	\$2,394,241	\$1,969,841	[18
24	Total winter	\$408,332	\$47,030,012	\$19,435,660	\$24,846,756	\$7,310,646	\$1,961,121	\$4,373,066	\$6,066,913	\$4,991,500	[19
25	Total Capacity - Summer Costs										
26	Capacity related - summer	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	[20]
27	Total Marignal Costs										
28	Total Annual Marginal Cost	<u>\$2,853,633</u>	<u>\$104,937,450</u>	\$27,698,147	\$26,866,716	<u>\$7,424,743</u>	\$3,064,11 <u>5</u>	\$4,938,642	\$6,127,682	\$5,038,560	- 11-
29	Class % Share	1.5%	55.5%	14.7%	14.2%	3.9%	1.6%	2.6%	3.2%	2.7%	[22]
30	Unit Costs										
31	\$/customer	\$59.58	\$58.90	\$71.14	\$114.07	\$146.79	\$70.96	\$113.95	\$146.79	\$146.79	[23
32	Capacity - Winter (\$/dth)										
33	Pressure support	\$0.10	\$0.14	\$0.13	\$0.13	\$0.11	\$0.11	\$0.12	\$0.15	\$0.10	[24
34	Reinforcements	\$4.23	\$5.69	\$5.57	\$5.28	\$4.60	\$4.73	\$4.82	\$6.18	\$3.98	[25
35	Main extensions	\$2.82	\$3.80	\$3.72	\$3.53	\$3.07	\$3.16	\$3.22	\$4.13	\$2.66	[26
36	Capacity - Summer (\$/dth)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	[27
37	Total Capacity - Average Annual (\$/dth)	\$5.05	\$7.97	\$8.23	\$7.45	\$5.99	\$4.84	\$4.96	\$5.47	\$2.83	[28]

- [1] MCOS-4
- [2] MCOS-6 Page 2 Line 32 / 12
- [3] Line 1 x Line 3
- [4] Line 4 + Line 3 [5] MCOS-6 Page 1 Line 27
- [6] MCOS-6 Page 1 Line 27
- [7] MCOS-6 Page 1 Line 27
- [8] (Line 7 + Line 8 + Line 9) x Line 1
- [9] Line 7 + Line 8 + Line 9 + Line 10
- [10] Company data
- [11] Company data
- [12] Company data [13] Company data
- [14] Company data
- [15] Line 14 x Line 5 x 12
- [16] (1 + Line 1) x Line 15 x Line 7
- [17] (1 + Line 1) x Line 15 x Line 8
- [18] (1 + Line 1) x Line 15 x Line 9
- [19] Line 21 + Line 22 + Line 23
- [20] Company data
- [21] Line 19 + Line 24 [22] Line 28 / Sum of Line 28
- [23] Line 5
- [24] Line 21 / Line 16
- [25] Line 22 / Line 16
- [26] Line 23 / Line 16
- [27] Line 26 / Line 17
- [28] (Line 26 + Line 24) / (Line 16 + Line 17)

Consolidated Calendarized Customer Bills Allocated to Rate Classes	

	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12	Col 13	Col 14	Col 15	Col 16	Col 17	Col 18
				2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022			
	Consolidated	1																
Line	Class	Rate Class		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		Avg Cust	
1	R-1	R-1		3,548	3,195	3,526	3,391	3,499	3,381	3,482	3,470	3,404	3,412	3,319	3,414		3,420	
2	R-3	R-3		77,345	69,940	77,446	74,856	77,213	74,576	77,734	77,665	75,654	76,852	74,362	76,749		75,866	
3	R-3	R-4		6,467	5,832	6,455	6,264	6,477	6,208	5,506	5,446	5,493	6,028	6,230	6,404		6,068	
4	R-1	R-5		79	71	79	76	79	76	77	76	75	75	73	75		76	
5	R-3	R-6		335	303	335	325	335	322	339	338	329	335	326	334		330	
6	R-3	R-7		7	7	7	7	7	7	4	4	4	6	6	6		6	
7	G-41	G-41		10,077	9,122	10,102	9,724	9,899	9,418	9,624	9,578	9,337	9,708	9,584	9,967		9,678	
8	G-42	G-42		1,507	1,365	1,512	1,463	1,505	1,451	1,498	1,496	1,463	1,498	1,456	1,495		1,476	
9	G-43	G-43		66	60	66	64	66	64	66	66	65	65	64	65		65	
10	G-41	G-44		17	15	17	16	17	16	17	17	16	16	15	16		16	
11	G-42	G-45		8	7	8	8	8	8	8	8	8	8	8	8		8	
12	G-43	G-46		0	0	0	0	0	0	0	0	0	0	0	0		0	
13	G-51	G-51		1,324	1,197	1,327	1,285	1,326	1,282	1,324	1,320	1,283	1,308	1,267	1,299		1,295	
14	G-52	G-52		420	380	420	405	420	408	422	421	412	421	410	425		414	
15	G-53	G-53		36	33	35	34	35	34	35	35	35	35	34	33		34	
16	G-54	G-54		27	24	27	27	28	27	28	28	27	26	26	26		27	
17	G-51	G-55		4	4	4	4	4	4	4	4	4	4	4	4		4	
18	G-52	G-56		1	1	1	1	1	1	1	1	1	1	1	1		1	
19	G-53	G-57		0	0	0	0	0	0	0	0	0	0	0	0		0	
20	G-54	G-58		1	1	1	1	1	1	1	1	1	1	1	1		1	
21		Total		101,270	91,558	101,369	97,950	100,921	97,283	100,169	99,974	97,611	99,799	97,187	100,321		98,784	

Consolidated Calendarized Customer Bills for 2022

			2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	
	Consolidated	Block													
Line	Class	Number	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
22	R-1	0	3,627	3,266	3,605	3,467	3,577	3,457	3,558	3,546	3,479	3,488	3,392	3,489	41,950
23	R-3	0	84,155	76,083	84,244	81,452	84,033	81,113	83,583	83,453	81,480	83,220	80,924	83,493	987,231
24	G-41	0	10,093	9,137	10,118	9,740	9,916	9,434	9,640	9,595	9,354	9,724	9,599	9,982	116,333
25	G-42	0	1,516	1,372	1,520	1,471	1,513	1,459	1,507	1,504	1,471	1,506	1,464	1,503	17,806
26	G-43	0	66	60	66	64	66	64	66	66	65	65	64	65	777
27	G-51	0	1,328	1,201	1,331	1,289	1,330	1,286	1,329	1,325	1,287	1,312	1,271	1,303	15,592
28	G-52	0	421	381	421	406	421	409	423	422	413	422	411	426	4,975
29	G-53	0	36	33	35	34	35	34	35	35	35	35	34	33	414
30	G-54	0	28	25	28	28	29	28	29	29	28	27	27	27	333
31	Grand Total	•	101,270	91,558	101,369	97,950	100,921	97,283	100,169	99,974	97,611	99,799	97,187	100,321	1,185,412

Proration For Allocating Consolidated Customer Bills Based on July 2021 - June 2022 Bills By Class

				2022	2022	2022	2022	2022	2022	2021	2021	2021	2021	2021	2021
	Consolidate	1	Block												
Line	Class	Rate Class	Number	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
32	R-1	R-1	0	97.8%	97.8%	97.8%	97.8%	97.8%	97.8%	97.8%	97.9%	97.8%	97.8%	97.8%	97.8%
33	R-3	R-3	0	91.9%	91.9%	91.9%	91.9%	91.9%	91.9%	93.0%	93.1%	92.8%	92.3%	91.9%	91.9%
34	R-3	R-4	0	7.7%	7.7%	7.7%	7.7%	7.7%	7.7%	6.6%	6.5%	6.7%	7.2%	7.7%	7.7%
35	R-1	R-5	0	2.2%	2.2%	2.2%	2.2%	2.2%	2.2%	2.2%	2.1%	2.2%	2.2%	2.2%	2.2%
36	R-3	R-6	0	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%
37	R-3	R-7	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
38	G-41	G-41	0	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%
39	G-42	G-42	0	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%	99.4%	99.4%	99.4%	99.4%	99.5%	99.5%
40	G-43	G-43	0	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
41	G-41	G-44	0	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%
42	G-42	G-45	0	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.6%	0.6%	0.6%	0.6%	0.5%	0.5%
43	G-43	G-46	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
44	G-51	G-51	0	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%	99.7%
45	G-52	G-52	0	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%	99.8%
46	G-53	G-53	0	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
47	G-54	G-54	0	96.3%	96.3%	96.4%	96.4%	96.3%	96.2%	96.4%	96.4%	96.4%	96.4%	96.4%	96.3%
48	G-51	G-55	0	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%
49	G-52	G-56	0	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%
50	G-53	G-57	0	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
51	G-54	G-58	0	3.7%	3.7%	3.6%	3.6%	3.7%	3.8%	3.6%	3.6%	3.6%	3.6%	3.6%	3.7%

Section Sect	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12	Col 13	Col 14	Col 15	Col 16	Col 17	
Part		lune 2022 Bills By	Class															
March Marc				2022	2022	2022	2022	2022	2022	2021	2021	2021	2021	2021	2021			
1												_			_			
																		-
G-11																		
642 642 0 1 1316 1,722 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727 1328 1,727																		
G-31 G-31																		
Section Sect																		
Section Sect																		
Section Sect	G-52		0															
Total 101,742 91,531 101,339 97,326 100,871 97,214 99,500 99,721 96,500 100,031 97,428 101,075 11,147,738	G-53		0															
May	G-54	G-54	0	28	25	28	28	28	26	29	29	28	29	28	28		334	
Mary September		Total		101,242	91,531	101,339	97,916	100,871	97,214	99,850	99,721	96,500	100,051	97,428	101,075		1,184,738	
Processing Pro		lune 2022 Bills By	Class	2022	2022	2022	2022	2022	2022	2021	2021	2021	2021	2021	2021			
Part	Consolidat	ted	Block	2322														
R3 R6 0 335 308 335 324 325 337 325 335 326 336 3,838 R3 R7 0 0 7 7 7 7 4 4 4 6 6 6 6 73 G-41 G-45 0 0 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		Total	
R3 R7 0 7 7 7 7 7 7 4 4 4 6 6 6 132 645 10 17 15 117 15 117 16 16 15 15 16 15 15 16 15 15 132 645 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	R-1	R-5	0	79	71	79	76	79	76	79		76	79	76				-
641 646 0 17 15 17 16 17 16 17 16 17 16 17 16 17 16 17 16 17 16 16 17 16 16 17 16 18 192 182 183 18 18 18 18 18 18 18 18 18 18 18 18 18	R-3	R-6	0	335	303	335	324	335	322	337	337	325	335	326	336		3,951	
G-42 G-45 0 8 7 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8 9 97 6 8 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	R-3																	
6-48	G-41	G-44	0	17	15	17	16	17	16	16	17	16	16	15	16		192	
651 656 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	G-42	G-45	0	8	7	8	8	8	8	8	8	8	8	8	8		97	
G-S2 G-S6 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	G-43	G-46		0	0			0	0	0		0	0	0	0			
G-58	G-51																	
Second S										-								
Total	G-53																	
Variable	G-54		0															_
No.		Total		452	409	452	437	452	435	451	450	435	450	437	451		131,120,060	
R1 R-1 0 3,546 3,193 3,244 3,389 3,465 3,377 3,572 3,466 3,550 3,443 3,557 41,669 R3 R4 0 6,466 6,820 77,423 7,5430 77,175 7,452 77,443 7,7340 77,344 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7340 7,7	All Classes			2022	2022	2022	2022	2022	2022	2021	2021	2021	2021	2021	2021			
R3 R3 0 77,324 69,90 77,423 74,830 77,175 74,526 74,10 73,346 74,733 76,958 74,651 77,219 999,344 R3 R4 0 6,466 5,851 6,461 6,474 6,74 6,74 5,485 5,426 5,425 6,015 6,79 924 R1 R5 0 35 303 335 214 335 323 337 337 325 335 206 356 3,951 R3 R7 0 7 7 7 7 7 7 7 7 7 64 4 4 6 6 6 73 7 7 7 7 7 7 7 7 4 4 4 6 6 6 6 73 7 7 7 7 7 7 7 7 7 7 7 7 7 7 <																		
R-3 R-4 0 6,466 5,811 6,453 6,261 6,474 6,204 5,483 5,426 5,425 6,036 6,238 6,443 72,740 R-1 R-5 0 79 7 7 7 7 7 7 7 7 7 9,72 7 7 7 7 7 4 4 4 6 6 6 6 73 3,951 3,951 3,951 3,951 3,951 3,951 3,951 3,951 3,951 3,66 3,951 6 7 7 7 7 4 4 4 6 6 6 6 73 3,66 3,951 3,051 3,101 9,723 9,898 9,415 9,577 9,543 9,263 9,600 10,031 115,996 642 642 0 16 6 6 6 6 6 6 6 6 6 6 6 6 6	R-1																	
R1 R5 0 79 71 79 76 79 76 79 78 76 79 76 79 78 76 79 76 79 78 76 79 76 79 78 76 79 76 79 78 78 78 78 78 78 78 78 78 4 4 4 6 6 6 73 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 79 79 78 78 78 79 79 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78 78	R-3																	
R-3 R-6 0 335 303 335 324 335 322 337 337 325 335 326 336 3,951 R-3 R-7 0 7 7 7 7 7 4 4 4 6 6 6 6 73 G-41 0 1,0076 9,121 10,101 9,723 9,898 9,416 9,577 9,543 9,265 9,695 9,600 10,011 115,996 G-42 G-42 0 1,567 1,3512 1,463 1,505 1,450 1,481 1,482 1,434 1,499 1,448 1,503 137,639 G-43 G-43 0 66 60 66 64 65 63 64 64 61 65 63 66 727 7 7 7 7 7 1,482 1,444 1,499 1,448 1,503 1,516 132 64 64 <	R-3																	
R3 R7 0 107 7 7 7 7 7 7 9 4 4 4 6 6 6 6 73 6 4 6 6 6 6 73 6 6 6 6 73 6 6 6 6 73 6 6 6 6	R-1																	
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G-42 G-42 0 1,507 1,365 1,512 1,463 1,505 1,460 1,481 1,482 1,484 1,489 1,448 1,503 17,639 6-83 6-84 0 66 6 0 66 64 65 63 66 76,676 6-41 0 44 0 1,7 15 17 16 17 16 16 17 16 16 15 63 66 76,676 6-42 6-45 0 8 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8										-								
G-43																		
G-41 G-44 0 17 15 17 16 17 15 15 16 192 15 16 192 16 17 16 15 16 192 16 17 16 16 17 16 17 16 17 16 17 16 17 16 17 16 17 16 17 16 17 17 16 17 17 16 17 17 16 17 17 17 17 17 17 17 17 17 17 17 17 17																		
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651 651 0 1,324 1,157 1,327 1,285 1,326 1,282 1,329 1,328 1,283 1,327 1,284 1,325 15,617 652 652 0 420 380 420 405 420 407 417 418 405 418 404 419 4,324 633 653 0 34 31 33 32 32 32 30 35 35 34 35 34 35 4400 654 654 654 0 27 24 27 27 27 25 28 28 27 28 27 27 27 322 651 655 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4										-								
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G-51 G-55 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4																		
	G-51	G-55	Ö	4	4	4	4	4	4	4	4	4	4	4	4		49	
	G-52		0	1	1	1	1	1	1	1		1			1			

	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12	Col 13	Col 14	Col 15	Col 16	Col 17	Col 18
<u>C</u>	onsolidated C	Calendar and W	eather Normali	zed Therms Alloc	ated to Rate Clas	ses												
					2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022		
	ate Design	Consolidate																
	lass Code		ck Rate Class I		Jan-22 1 123.819	Feb-22	Mar-22	Apr-22	May-22	Jun-22 38.379	Jul-22 32.094	Aug-22	Sep-22	Oct-22 54.854	Nov-22	Dec-22 119.136		TOTAL 839.028
	-1_All -3 All	R-1_HB R-3 HB	K-1 R-3		1 123,819 1 11,123,198	106,699 9,575,666	98,273 7,831,593	70,331 4,587,160	46,567 2,064,484	38,379 1,231,559	1,020,744	30,216 969,503	35,990 1,364,467	54,854 2,791,254	82,669 5,923,260	9,154,525		839,028 57,637,414
	-3_All	R-3_HB	R-3		2 0	9,373,000	7,031,393	4,387,100	2,004,484	0	1,020,744	0 0	1,304,407	2,751,234	3,923,200	9,134,323		37,037,414
	-5_All	R-3_HB	R-4		1 889,634	762,338	640,312	382,775	174,920	104,823	74,988	68,364	90,351	183,071	399,342	620,199		4,391,117
	-4_All	R-3_HB	R-4		2 0	0	0	0	0	0	0	0	0	0	0	0		0
	-5_All	R-1_HB	R-5		1 4,881	4,134	3,382	2,188	1,158	639	568	532	672	1,476	2,989	4,739		27,359
7 R-	-6_All	R-3_HB	R-6		1 43,280	36,239	28,794	17,396	8,586	4,232	3,816	3,570	4,221	8,845	20,891	33,794		213,664
	-6_All	R-3_HB	R-6		2 0	0	0	0	0	0	0	0	0	0	0	0		0
	-7_All	R-3_HB	R-7		1 675	563	425	247	136	68	40	37	42	97	243	434		3,008
	-7_All	R-3_HB	R-7		2 0	0	0	0	0	0	0	0	0	0	0	0		0
	-41_HB	G-41_HB	G-41		1 978,516	799,670	820,506	591,748	190,422	73,372	60,909	59,405	86,034	147,690	690,079	878,351		5,376,700
	-41_TB -42 HB	G-41_TB G-42_HB	G-41 G-42		2 4,292,655 1 1.583.628	3,716,388 1,312,063	2,721,265 1,438,136	1,313,121 1,175,760	525,507 552,363	265,223 320.487	194,150 262.015	178,781 261,195	325,556 359.731	866,580 553,891	1,857,231	3,321,547 1,490,432		19,578,003 10,608,140
	-42_HB -42_TB	G-42_HB G-42_TB	G-42 G-42		2 5,156,735	4,549,199	3,394,721	1,698,451	680,154	320,487	236,334	237,514	474,538	1,285,506	2,446,973	4,069,658		24,555,524
	-42_1B -43_All	G-42_1B G-43_HB	G-42 G-43		1 2.195.770	1.857.953	1.675.067	1.115.209	567.414	366.383	297.220	319.744	406.035	847.628	1.334.795	1.782.672		12,765,890
	-44 HB	G-41 HB	G-44		1 1,377	1,201	1,163	910	252	80	28	18	33	171	979	1,144		7,357
	-44 TB	G-41 TB	G-44		2 5,902	4,805	3,610	1,599	839	296	0	0	23	477	2,173	4,790		24,515
18 G	-45_HB	G-42_HB	G-45		1 8,265	7,465	8,218	7,177	3,802	1,720	1,944	1,421	2,065	3,414	8,018	8,207		61,716
19 G	-45_TB	G-42_TB	G-45		2 46,082	37,956	29,940	13,883	4,374	0	279	74	1,171	8,197	20,685	36,208		198,849
	-46_All	G-43_HB	G-46		1 0	0	0	0	0	0	0	0	0	0	0	0		0
	-51_HB	G-51_HB	G-51		1 98,483	81,881	89,809	83,939	80,390	82,610	79,869	79,791	78,390	87,945	82,865	92,331		1,018,303
	-51_TB	G-51_TB	G-51		2 422,235	364,092	327,721	243,697	191,017	180,133	166,423	150,107	173,529	248,655	283,735	358,438		3,109,780
	-52_HB	G-52_HB	G-52		1 427,645	353,290	386,423	355,519	329,312	335,151	325,177	325,514	321,186	369,376	359,851	404,141		4,292,585
	-52_TB	G-52_TB	G-52		2 710,962	607,312	528,014	360,476	258,689	228,317	196,313	198,936	231,050	326,136	426,211	567,184		4,639,600
	-53_All -54_All	G-53_HB G-54_HB	G-53 G-54		1 1,238,785 1 1.320,374	1,032,311	1,004,610 1,271,745	782,052 1,460,005	645,650 1,355,487	695,211 1.405.716	607,422 1,446,016	638,861 1.677.462	669,654 1.368.856	803,232 1.670.837	899,102 1.292,232	998,805 1,001,345		10,015,693 16,341,233
	-54_All -55_HB	G-54_HB G-51_HB	G-54 G-55		1 1,320,374	1,0/1,15/	1,2/1,/45	1,460,005	215	1,405,716	1,446,016	231	230	231	1,292,232	1,001,345		2,632
	-55 TB	G-51_TB	G-55		2 762	605	568	471	271	166	207	181	258	412	452	597		4.950
	-56 HB	G-52 HB	G-56		1 1,033	933	1,031	959	844	751	802	787	767	823	974	1,031		10,735
	-56 TB	G-52_TB	G-56		2 744	558	188	0	0	0	0	0	0	0	45	282		1,817
	-57 All	G-53_HB	G-57		1 0	0	0	0	0	0	0	0	0	0	0	0		0
32 G	-58_All	G-54_HB	G-58		1 31,009	25,389	26,048	22,320	23,244	24,815	14,223	19,781	17,755	20,387	21,430	20,054		266,456
33			Grand Total		30,706,667	26,310,067	22,331,777	14,287,605	7,706,096	5,686,081	5,021,814	5,222,023	6,012,604	10,281,183	17,455,889	24,970,262		175,992,068
<u>C</u>	onsolidated C	Calendar and W	eather Normali	zed Therms for 20	022													
					2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022		
Line		Class and Blo	d ck Rate Class I	Block Number	lan	Feb	Mar	Apr	Mav	Jun	lul	Aug	Sep	Oct	Nov	Dec		TOTAL
Line 34		R-1 HB	R-1		Jan 1 128,700	110,833	Mar 101,655	Apr 72,519	May 47,725	Jun 39,018	Jul 32,662	Aug 30,748	Sep 36,662	Oct 56,330	Nov 85,658	123,876		866.387
35		R-3_HB	R-3		1 12,056,788	10,374,806	8,501,124	4,987,578	2,248,126	1,340,683	1,099,588	1,041,473	1,459,081	2,983,266	6,343,737	9,808,953		62,245,202
36		G-41 HB	G-41		1 979,893	800,871	821,669	592,658	190,674	73,452	60,937	59,423	86,067	147,861	691,058	879,495		5,384,057
37		G-41 TB	G-41		2 4,298,557	3,721,193	2,724,876	1,314,719	526,346	265,519	194,150	178,781	325,579	867,057	1,859,405	3,326,337		19,602,518
38		G-42_HB	G-42		1 1,591,893	1,319,528	1,446,354	1,182,936	556,165	322,207	263,959	262,616	361,796	557,305	1,306,459	1,498,639		10,669,856
39		G-42_TB	G-42		2 5,202,816	4,587,156	3,424,661	1,712,334	684,528	325,742	236,613	237,588	475,709	1,293,703	2,467,658	4,105,865		24,754,373
40		G-43_HB	G-43		1 2,195,770	1,857,953	1,675,067	1,115,209	567,414	366,383	297,220	319,744	406,035	847,628	1,334,795	1,782,672		12,765,890
41		G-51_HB	G-51		1 98,700	82,080	90,025	84,152	80,605	82,816	80,103	80,021	78,621	88,177	83,087	92,549		1,020,936
42		G-51_TB	G-51		2 422,997	364,697	328,289	244,168	191,287	180,299	166,630	150,288	173,788	249,067	284,187	359,035		3,114,730
43		G-52_HB	G-52		1 428,678	354,223	387,453	356,479	330,156	335,902	325,979	326,301	321,953	370,199	360,825	405,172		4,303,320
44		G-52_TB	G-52		2 711,706	607,870	528,202	360,476	258,689	228,317	196,313	198,936	231,050	326,136	426,256	567,467		4,641,418
45		G-53_HB	G-53 G-54		1 1,238,785 1 1.351.382	1,032,311	1,004,610	782,052 1.482.325	645,650	695,211 1.430.531	607,422 1.460.239	638,861 1,697,243	669,654 1.386.611	803,232	899,102 1.313.662	998,805		10,015,693 16,607,689
46		G-54_HB	G-54 Total		1 1,351,382	1,096,547 26.310.067	1,297,792 22,331,777	1,482,325	1,378,732 7.706.096	1,430,531 5.686.081	1,460,239 5.021.814	1,697,243	1,386,611	1,691,224	1,313,662	1,021,399		16,607,689
47			rotai		30,700,007	20,310,06/	22,331,///	14,287,005	7,700,096	5,080,081	5,021,814	5,222,023	0,012,004	10,281,183	17,455,889	24,970,262		175,992,068

Proration For Allocating Consolidated Calendar and Weather Normalized Therms
Based on July 2021 - June 2022 Bills By Class

				2022	2022	2022	2022	2022	2022	2021	2021	2021	2021	2021	2021
	Consolidate	ul													
Line		ock Rate Class Block Number		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
48	R-1 HB	R-1	1	96.2%	96.3%	96.7%	97.0%	97.6%	98.4%	98.3%	98.3%	98.2%	97.4%	96.5%	96.2%
49	R-3 HB	R-3	1	92.3%	92.3%	92.1%	92.0%	91.8%	91.9%	92.8%	93.1%	93.5%	93.6%	93.4%	93.3%
50	R-3 HB	R-3	2	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
51	R-3 HB	R-4	1	7.4%	7.3%	7.5%	7.7%	7.8%	7.8%	6.8%	6.6%	6.2%	6.1%	6.3%	6.3%
52	R-3 HB	R-4	2	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
53	R-1_HB	R-5	1	3.8%	3.7%	3.3%	3.0%	2.4%	1.6%	1.7%	1.7%	1.8%	2.6%	3.5%	3.8%
54	R-3_HB	R-6	1	0.4%	0.3%	0.3%	0.3%	0.4%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%
55	R-3_HB	R-6	2	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
56	R-3_HB	R-7	1	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
57	R-3_HB	R-7	2	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
58	G-41_HB	G-41	1	99.9%	99.9%	99.9%	99.8%	99.9%	99.9%	100.0%	100.0%	100.0%	99.9%	99.9%	99.9%
59	G-41_TB	G-41	2	99.9%	99.9%	99.9%	99.9%	99.8%	99.9%	100.0%	100.0%	100.0%	99.9%	99.9%	99.9%
60	G-42_HB	G-42	1	99.5%	99.4%	99.4%	99.4%	99.3%	99.5%	99.3%	99.5%	99.4%	99.4%	99.4%	99.5%
61	G-42_TB	G-42	2	99.1%	99.2%	99.1%	99.2%	99.4%	100.0%	99.9%	100.0%	99.8%	99.4%	99.2%	99.1%
62	G-43_HB	G-43	1	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
63	G-41_HB	G-44	1	0.1%	0.1%	0.1%	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%
64	G-41_TB	G-44	2	0.1%	0.1%	0.1%	0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%
65	G-42_HB	G-45	1	0.5%	0.6%	0.6%	0.6%	0.7%	0.5%	0.7%	0.5%	0.6%	0.6%	0.6%	0.5%
66	G-42_TB	G-45	2	0.9%	0.8%	0.9%	0.8%	0.6%	0.0%	0.1%	0.0%	0.2%	0.6%	0.8%	0.9%
67	G-43_HB	G-46	1	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
68	G-51_HB	G-51	1	99.8%	99.8%	99.8%	99.7%	99.7%	99.8%	99.7%	99.7%	99.7%	99.7%	99.7%	99.8%
69	G-51_TB	G-51	2	99.8%	99.8%	99.8%	99.8%	99.9%	99.9%	99.9%	99.9%	99.9%	99.8%	99.8%	99.8%
70	G-52_HB	G-52	1	99.8%	99.7%	99.7%	99.7%	99.7%	99.8%	99.8%	99.8%	99.8%	99.8%	99.7%	99.7%
71	G-52_TB	G-52	2	99.9%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
72	G-53_HB	G-53	1	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
73	G-54_HB	G-54	1	97.7%	97.7%	98.0%	98.5%	98.3%	98.3%	99.0%	98.8%	98.7%	98.8%	98.4%	98.0%
74	G-51_HB	G-55	1	0.2%	0.2%	0.2%	0.3%	0.3%	0.2%	0.3%	0.3%	0.3%	0.3%	0.3%	0.2%
75	G-51_TB	G-55	2	0.2%	0.2%	0.2%	0.2%	0.1%	0.1%	0.1%	0.1%	0.1%	0.2%	0.2%	0.2%
76	G-52_HB	G-56	1	0.2%	0.3%	0.3%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%	0.3%	0.3%
77	G-52_TB	G-56	2	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
78	G-53_HB	G-57	1	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
79	G-54_HB	G-58	1	2.3%	2.3%	2.0%	1.5%	1.7%	1.7%	1.0%	1.2%	1.3%	1.2%	1.6%	2.0%

Col	1 <u>Col 2</u>	Col 3 Co	14	Col 5	Col 6	Col.7	Col 8	Col 9	Col 10	Col 11	Col 12	Col 13	Col 14	Col 15	Col 16	Col 17	Col 18
July 2021 Non MER		ar and Weather Normaliz	ed Therms														
NOITWEE				2022	2022	2022	2022	2022	2022	2021	2021	2021	2021	2021	2021		
	Consolidate																
Line 1	R-1	Rate Class Blk_Num R-1		Jan 128,705	Feb 110,843	Mar 101,667	Apr 72,525	May 47,905	Jun 40,067	Jul 33,133	Aug 33,058	Sep 37,339	Oct 54,836	Nov 81,713	Dec 105,238		Total 847,029
2	R-3	R-3	1 11,	,165,505	9,610,691	7,859,256	4,603,778	2,080,703	1,268,985	1,010,959	1,009,880	1,340,125	3,098,894	6,423,286	9,338,526		58,810,589
3	R-3	R-3	2	0	762,805	0 640,645	0 382,958	0 175,700	0 107,708	0	0 70,988	0	0 202,713	0 431,794	0 630,779		0 4,458,861
4	R-3 R-3	R-4 R-4	1 2	890,232	762,805 0	640,645	382,958	1/5,/00	107,708	74,032 0	70,988	88,506 0	202,/13	431,794	630,779		4,458,861
6	G-41	G-41		979,941	800,919	821,742	592,710	191,456	75,474	55,826	57,290	80,521	218,108	626,696	885,748		5,386,431
7 8	G-41 G-42	G-41 G-42		,298,911 .592.157	3,721,553 1.319.765	2,725,123 1.446.654	1,314,827 1,183,239	528,486 558,491	272,848 330,867	167,598 233.986	175,403 253.163	282,173 337.168	873,609 630.742	2,018,261 1.191.546	3,236,426 1.509.544		19,615,219 10.587.322
9	G-42	G-42 G-42		,203,674	4,587,989	3,425,387	1,712,787	687,392	334,330	188,827	208,746	390,481	1,252,302	2,675,178	4,018,895		24,685,987
10	G-43	G-43	1 2	,196,131	1,858,292	1,675,424	1,115,503	568,578	376,005	285,066	286,477	383,865	784,832	1,306,808	1,800,833		12,637,815
11 12	G-51 G-51	G-51 G-51	1 2	98,716 423,065	82,095 364,766	90,044 328,363	84,173 244,236	80,943 192,088	85,102 185,275	73,998 125,706	74,646 136,923	73,360 148,481	83,546 222,683	82,082 264,291	93,367 347,689		1,002,072 2,983,566
13	G-51	G-51 G-52		428,749	354,287	387,533	356,570	331,537	344,515	292,003	302,510	299,216	351,785	354,885	406,184		4,209,775
14	G-52	G-52		711,818	607,988	528,329	360,583	259,771	234,619	176,485	189,272	207,272	307,031	415,892	561,889		4,560,951
15 16	G-53 G-54	G-53 G-54		,234,996 .351.607	1,033,998	1,007,469	783,624 1 482 705	639,070 1.363,168	693,178 1.336.106	609,086 1 564 023	624,308 1 636 122	643,447 1 574 355	804,985 1 626 260	881,311 1 529 510	1,027,323		9,982,795 17.128.670
17	0.54	Grand Total		,704,207	26,312,735	22,335,697	14,290,219	7,705,288	5,685,080	4,890,730	5,058,784	5,886,309	10,512,327	18,283,254	25,232,450		176,897,080
July 2021 MEP	1 - June 2022 Calend	ar and Weather Normaliz	ed Therms														
WEF	Consolidate	ed		2022	2022	2022	2022	2022	2022	2021	2021	2021	2021	2021	2021		
Line	Class	Rate Class Blk_Num		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		Total
18 19	R-1 R-3	R-5 R-6	1	4,881 43,277	4,134 36,234	3,383 28,790	2,188 17,393	1,162 8,617	656 4,346	576 3,766	572 3,705	685 4,133	1,436 9,789	2,851 22,575	4,026 34,347		26,552 216,970
20	R-3	R-6	2	0	0	0	0	0	0	0	0	0	0	0	0		0
21 22	R-3 R-3	R-7 R-7	1 2	675 0	563 0	425 0	247	136 0	70 0	40 0	38	41 0	107 0	263 0	441 0		3,047 0
22	K-3 G-41	K-/ G-44	1	1.377	1.201	1.163	910	253	83	26	17	31	253	888	1.152		7.354
24	G-41	G-44	2	5,903	4,806	3,611	1,599	842	305	0	0	20	480	2,359	4,661		24,584
25 26	G-42 G-42	G-45 G-45	1 2	8,267 46,089	7,467 37,963	8,219 29,947	7,178 13.887	3,818 4.392	1,766 0	1,723 222	1,370 65	1,925 961	3,864 7,934	7,313 22.424	8,267 35,441		61,177 199,327
27	G-43	G-45	1	40,089	37,903	25,547	13,887	4,392	0	0	0	0	7,534	0	33,441		155,327
28	G-51	G-55	1	217	199	217	213	216	212	217	215	215	219	219	220		2,578
29 30	G-51 G-52	G-55 G-56	2	762 1.033	605 933	568 1.031	471 960	272 848	171 770	156 718	165 729	221 713	369 782	420 958	578 1.033		4,757 10.509
31	G-52	G-56	2	744	558	188	0	0	0	0	0	0	0	44	279		1,814
32	G-53	G-57	1	0	0	0	0	0	0	0	0	0	0	0	0		0
33	G-54	G-58 Grand Total	1	31,014 144,240	25,394 120,056	26,053 103,594	22,326 67,371	22,982 43,540	23,177 31,556	15,234 22,678	19,069 25,946	20,159 29,103	19,604 44,837	24,951 85,266	24,935 115,381		274,898 833,567
July 2021 All Classe		ar and Weather Normaliz		2022	2022	2022	2022	2022	2022	2021	2021	2021	2021	2021	2021		
	Consolidate																
Line 35	Class and Blo	ock Rate Class Blk_Num		Jan 123 824	Feb 106 709	Mar 98 284	Apr 70 336	May 46.743	Jun 39 410	Jul 32 557	Aug 32 486	Sep 36 654	Oct 53 400	Nov 78 862	Dec 101 211		Total 820.477
36	R-3_HB	R-3		,122,228	9,574,457	7,830,467	4,586,386	2,072,086	1,264,639	1,007,194	1,006,175	1,335,993	3,089,106	6,400,710	9,304,179		58,593,619
37	R-3_HB	R-3	2	0	0	0	0	0	0	0	0	0	0	0	0		0
38 39	R-3_HB R-3_HB	R-4 R-4	1 2	889,557 0	762,242 0	640,220 0	382,710 0	175,564 0	107,638 0	73,992 0	70,950 0	88,465 0	202,606	431,531 0	630,338 0		4,455,814 0
40	R-1_HB	R-5	1	4,881	4,134	3,383	2,188	1,162	656	576	572	685	1,436	2,851	4,026		26,552
41 42	R-3_HB R-3_HB	R-6 R-6	1 2	43,277 0	36,234 0	28,790 0	17,393 0	8,617 0	4,346 0	3,766 0	3,705 0	4,133 0	9,789 0	22,575	34,347 0		216,970 0
43	R-3 HB	R-7	1	675	563	425	247	136	70	40	38	41	107	263	441		3,047
44	R-3_HB	R-7	2	0	0	0	0	0	0	0	0	0	0	0	0		0
45 46	G-41_HB G-41_TB	G-41 G-41		978,563 ,293,009	799,718 3,716,747	820,579 2,721,512	591,800 1,313,228	191,203 527,643	75,391 272,543	55,800 167,598	57,272 175,403	80,490 282.154	217,855 873,129	625,809 2,015,903	884,596 3,231,765		5,379,077 19,590,634
47	G-42_HB	G-42		,583,890	1,312,299	1,438,434	1,176,061	554,673	329,101	232,263	251,793	335,243	626,878	1,184,233	1,501,278		10,526,145
48	G-42_TB	G-42		,157,584	4,550,026	3,395,440	1,698,900	683,000	334,330	188,604	208,681	389,519	1,244,368	2,652,754	3,983,454		24,486,660
49 50	G-43_HB G-41_HB	G-43 G-44	1 2,	,196,131 1.377	1,858,292	1,675,424 1.163	1,115,503 910	568,578 253	376,005 83	285,066 26	286,477 17	383,865 31	784,832 253	1,306,808 888	1,800,833 1.152		12,637,815 7.354
51	G-41_TB	G-44	2	5,903	4,806	3,611	1,599	842	305	0	0	20	480	2,359	4,661		24,584
52 53	G-42_HB	G-45 G-45	1 2	8,267	7,467	8,219	7,178	3,818	1,766 0	1,723 222	1,370 65	1,925 961	3,864	7,313	8,267		61,177
53 54	G-42_TB G-43_HB	G-45 G-46	1	46,089 0	37,963 0	29,947 0	13,887	4,392 0	0	0	0	961	7,934 0	22,424	35,441 0		199,327 0
55	G-51_HB	G-51	1	98,499	81,896	89,827	83,961	80,727	84,890	73,781	74,430	73,145	83,327	81,863	93,147		999,494
56	G-51_TB	G-51		422,303	364,161	327,795	243,765	191,816	185,105	125,550	136,757	148,260	222,314	263,871	347,111		2,978,808
57 58	G-52_HB G-52_TB	G-52 G-52		427,716 711.074	353,354 607.431	386,503 528.140	355,610 360.583	330,690 259,771	343,745 234.619	291,285 176.485	301,781 189.272	298,503 207,272	351,003 307.031	353,927 415.848	405,150 561.610		4,199,266 4,559,137
59	G-53_HB	G-53	1 1,	,234,996	1,033,998	1,007,469	783,624	639,070	693,178	609,086	624,308	643,447	804,985	881,311	1,027,323		9,982,795
60	G-54_HB	G-54 G-55		,320,593	1,071,350	1,272,009	1,460,379	1,340,185	1,312,929	1,548,789	1,617,054	1,554,196	1,606,656	1,504,559	1,245,074		16,853,772
61 62	G-51_HB G-51_TB	G-55 G-55	1 2	217 762	199 605	217 568	213 471	216 272	212 171	217 156	215 165	215 221	219 369	219 420	220 578		2,578 4,757
63	G-52_HB	G-56	1	1,033	933	1,031	960	848	770	718	729	713	782	958	1,033		10,509
64	G-52_TB	G-56	2	744	558	188	0	0	0	0	0	0	0	44 0	279		1,814 0
65 66	G-53_HB G-54_HB	G-57 G-58	1	0 31,014	0 25,394	0 26,053	0 22,326	0 22,982	0 23,177	0 15,234	0 19,069	0 20,159	0 19,604	0 24,951	0 24,935		0 274,898
67		Grand Total	30,	,704,207	26,312,735	22,335,697	14,290,219	7,705,288	5,685,080	4,890,730	5,058,784	5,886,309	10,512,327	18,283,254	25,232,450		176,897,080

SALES AND TRANSPORT DATA

CUSTOMER COMPONENT

	EnergyNorth Natural	Gas Inc														
	2022 Customers (Eq															
Line	Season Class	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Total	Summer	Winter
1	R-1	3,548	3,195	3,526	3,391	3,499	3,381	3,482	3,470	3,404	3,412	3,319	3,414	41,040	20,647	20,393
2	R-3	77,345	69,940	77,446	74,856	77,213	74,576	77,734	77,665	75,654	76,852	74,362	76,749	910,393	459,694	450,699
3	R-4	6,467	5,832	6,455	6,264	6,477	6,208	5,506	5,446	5,493	6,028	6,230	6,404	72,810	35,157	37,653
4	R-5	79	71	79	76	79	76	77	76	75	75	73	75	910	457	453
5	R-6	335	303	335	325	335	322	339	338	329	335	326	334	3,956	1,998	1,958
6	R-7	7	7	7	7	7	7	4	4	4	6	6	6	73	33	40
7	Total Resid.	87,781	79,349	87,849	84,918	87,610	84,570	87,141	86,999	84,959	86,707	84,315	86,982	1,029,181	517,986	511,195
8	G-41	10,077	9,122	10,102	9,724	9,899	9,418	9,624	9,578	9,337	9,708	9,584	9,967	116,140	57,565	58,575
9	G-42	1,507	1,365	1,512	1,463	1,505	1,451	1,498	1,496	1,463	1,498	1,456	1,495	17,709	8,911	8,798
10	G-43	66	60	66	64	66	64	66	66	65	65	64	65	777	392	385
11	G-44	17	15	17	16	17	16	17	17	16	16	15	16	192	98	95
12	G-45	8	7	8	8	8	8	8	8	8	8	8	8	98	49	48
13	G-46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	G-51	1,324	1,197	1,327	1,285	1,326	1,282	1,324	1,320	1,283	1,308	1,267	1,299	15,543	7,844	7,700
15	G-52	420	380	420	405	420	408	422	421	412	421	410	425	4,963	2,503	2,461
16	G-53	36	33	35	34	35	34	35	35	35	35	34	33	414	209	205
17	G-54	27	24	27	27	28	27	28	28	27	26	26	26	321	163	158
18	G-55	4	4	4	4	4	4	4	4	4	4	4	4	48	24	24
19	G-56	1	1	1	1	1	1	1	1	1	1	1	1	12	6	6
20	G-57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	G-58	1	1	1	1	1	1	1	1	1	1	1	1	12	6	6
														-	-	-
22	Total C/I	13,488	12,209	13,520	13,032	13,311	12,714	13,028	12,975	12,652	13,091	12,871	13,339	156,231	77,771	78,460
23	Total All	101,270	91,558	101,369	97,950	100,921	97,283	100,169	99,974	97,611	99,799	97,187	100,321	1,185,412	595,757	589,655

24 25	Current Rates Custom Effective 8/1/23	ner Cha	rge												
			Jan-22	Feb-22	Mar-22	Apr-22		May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
26	R-1	\$	15.39	\$ 15.39	\$ 15.39	\$ 15	39 \$	15.39	\$ 15.39						
27	R-3	\$	15.39	\$ 15.39	\$ 15.39	\$ 15	39 \$	15.39	\$ 15.39						
28	R-4	\$	8.47	\$ 8.47	\$ 8.47	\$ 8	47 \$	15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 15.39	\$ 8.47	\$ 8.47
29	R-5	\$	20.01	\$ 20.01	\$ 20.01	\$ 20	01 \$	20.01	\$ 20.01						
30	R-6	\$	20.01	\$ 20.01	\$ 20.01	\$ 20	01 \$	20.01	\$ 20.01						
31	R-7	\$	11.01	\$ 11.01	\$ 11.01	\$ 11	01 \$	20.01	\$ 20.01	\$ 20.01	\$ 20.01	\$ 20.01	\$ 20.01	\$ 11.01	\$ 11.01
32	G-41	\$	60.81	60.81	60.81		81 \$		60.81	60.81	60.81	60.81	60.81	60.81	60.81
33	G-42	\$	182.42	\$ 182.42	\$ 182.42	\$ 182	42 \$	182.42	\$ 182.42						
34	G-43	\$	781.17	\$ 781.17	\$ 781.17	\$ 781	17 \$	781.17	\$ 781.17						
35	G-44	\$	79.06	\$ 79.06	\$ 79.06	\$ 79	06 \$	79.06	\$ 79.06						
36	G-45	\$	237.14	\$ 237.14	\$ 237.14	\$ 237	14 \$	237.14	\$ 237.14						
37	G-46	\$	1,015.52	\$ 1,015.52	\$ 1,015.52	\$ 1,015	52 \$	1,015.52	\$ 1,015.52						
38	G-51	\$	60.87	\$ 60.87	\$ 60.87	\$ 60	87 \$	60.87	\$ 60.87						
39	G-52	\$	182.26	\$ 182.26	\$ 182.26	\$ 182	26 \$	182.26	\$ 182.26						
40	G-53	\$	805.75	\$ 805.75	\$ 805.75	\$ 805	75 \$	805.75	\$ 805.75						
41	G-54	\$	806.42	\$ 806.42	\$ 806.42	\$ 806	42 \$	806.42	\$ 806.42						
42	G-55	\$	79.13	\$ 79.13	\$ 79.13	\$ 79	13 \$	79.13	\$ 79.13						
43	G-56	\$	236.94	\$ 236.94	\$ 236.94	\$ 236	94 \$	236.94	\$ 236.94						
44	G-57	\$	1,047.48	\$ 1,047.48	\$ 1,047.48	\$ 1,047	48 \$	1,047.48	\$ 1,047.48						
45	G-58	\$	1,048.34	\$ 1,048.34	\$ 1,048.34	\$ 1,048	34 \$	1,048.34	\$ 1,048.34						

46	Customer Revenues @ Cu	irrent Rates														
		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Total	Summer	Winter
47	R-1	\$54,603	\$49,175	\$54,267	\$52,185	\$53,843	\$52,029	\$53,581	\$53,403	\$52,389	\$52,518	\$51,074	\$52,539	\$631,606	\$317,762	\$313,844
48	R-3	\$1,190,524	\$1,076,552	\$1,192,084	\$1,152,220	\$1,188,499	\$1,147,904	\$1,196,517	\$1,195,446	\$1,164,493	\$1,182,930	\$1,144,604	\$1,181,354	\$14,013,126	\$7,075,789	\$6,937,337
49	R-4	\$54,751	\$49,377	\$54,646	\$53,026	\$99,702	\$95,552	\$84,744	\$83,828	\$84,550	\$92,780	\$52,746	\$54,216	\$859,918	\$541,155	\$318,762
50	R-5	\$1,573	\$1,420	\$1,573	\$1,522	\$1,572	\$1,522	\$1,531	\$1,517	\$1,500	\$1,506	\$1,465	\$1,508	\$18,208	\$9,148	\$9,060
51	R-6	\$6,708	\$6,072	\$6,712	\$6,494	\$6,702	\$6,448	\$6,781	\$6,764	\$6,583	\$6,697	\$6,513	\$6,677	\$79,153	\$39,976	\$39,177
52	R-7	\$80	\$72	\$80	\$77	\$145	\$140	\$83	\$83	\$87	\$114	\$66	\$69	\$1,095	\$652	\$443
53	Total Resid.	\$1,308,239	\$1,182,668	\$1,309,361	\$1,265,525	\$1,350,464	\$1,303,596	\$1,343,237	\$1,341,040	\$1,309,603	\$1,336,544	\$1,256,468	\$1,296,363	\$15,603,106	\$7,984,483	\$7,618,624
54	G-41	\$612,818	\$554,750	\$614,325	\$591,348	\$602,030	\$572,747	\$585,266	\$582,508	\$567,847	\$590,391	\$582,874	\$606,123	\$7,063,027	\$3,500,789	\$3,562,239
55	G-42	\$274,951	\$248,924	\$275,814	\$266,883	\$274,584	\$264,779	\$273,338	\$272,825	\$266,808	\$273,244	\$265,624	\$272,675	\$3,230,448	\$1,625,578	\$1,604,869
56	G-43	\$51,661	\$46,662	\$51,661	\$49,995	\$51,661	\$50,047	\$51,696	\$51,666	\$50,545	\$50,766	\$50,047	\$50,791	\$607,197	\$306,381	\$300,817
57	G-44	\$1,307	\$1,181	\$1,307	\$1,265	\$1,307	\$1,265	\$1,308	\$1,312	\$1,280	\$1,263	\$1,184	\$1,236	\$15,216	\$7,736	\$7,480
58	G-45	\$1,960	\$1,771	\$1,960	\$1,897	\$1,960	\$1,899	\$1,983	\$1,979	\$1,935	\$1,972	\$1,908	\$1,950	\$23,175	\$11,728	\$11,446
59	G-46	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
60	G-51	\$80,590	\$72,888	\$80,782	\$78,194	\$80,692	\$78,006	\$80,618	\$80,374	\$78,127	\$79,634	\$77,150	\$79,079	\$946,133	\$477,450	\$468,683
61	G-52	\$76,599	\$69,230	\$76,587	\$73,895	\$76,583	\$74,294	\$76,843	\$76,688	\$75,059	\$76,684	\$74,780	\$77,377	\$904,619	\$456,151	\$448,469
62	G-53	\$29,114	\$26,375	\$28,282	\$27,396	\$28,255	\$27,369	\$28,228	\$28,398	\$28,135	\$28,203	\$27,449	\$26,375	\$333,578	\$168,588	\$164,990
63	G-54	\$21,693	\$19,589	\$22,049	\$21,773	\$22,442	\$21,711	\$22,447	\$22,395	\$21,393	\$21,067	\$20,990	\$20,991	\$258,541	\$131,457	\$127,085
64	G-55	\$327	\$295	\$327	\$317	\$327	\$317	\$326	\$325	\$317	\$322	\$312	\$321	\$3,833	\$1,934	\$1,899
65	G-56	\$245	\$221	\$245	\$237	\$245	\$237	\$247	\$246	\$241	\$247	\$240	\$248	\$2,900	\$1,464	\$1,436
66	G-57	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
67	G-58	\$1,083	\$978	\$1,083	\$1,048	\$1,122	\$1,129	\$1,081	\$1,078	\$1,030	\$1,014	\$1,025	\$1,050	\$12,722	\$6,455	\$6,267
68	Total C/I	\$1,152,349	\$1,042,864	\$1,154,423	\$1,114,248	\$1,141,209	\$1,093,801	\$1,123,381	\$1,119,795	\$1,092,716	\$1,124,808	\$1,103,583	\$1,138,214	\$13,401,390	\$6,695,709	\$6,705,681
69	Total All	\$2,460,589	\$2,225,532	\$2,463,784	\$2,379,773	\$2,491,673	\$2,397,396	\$2,466,618	\$2,460,835	\$2,402,319	\$2,461,352	\$2,360,050	\$2,434,577	\$29,004,496	\$14,680,192	\$14,324,305

ENERGY COMPONENT

HEADBLOCK

	2022 Calendar and Weath	er Normalized Ti	nerms													
Line	Headblock	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Total	Summer	Winter
Line	R-1	Jan-22 0	Peb-22 0	Mar-22	Apr-22	way-22 0	Jun-22	Jui-22 0	Aug-22	Sep-22	OCt-22	NOV-22	Dec-22 0	I Otal	Summer	winter
1	R-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	R-4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	R-5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	R-6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	R-0 R-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Total Resid.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
,	lotal Resid.	U	U	U	U	U	U	U	U	U	U	U	U	U	U	۰
8	G-41	978,516	799,670	820,506	591,748	190,422	73,372	60,909	59,405	86,034	147,690	690,079	878,351	5,376,700	617,830	4,758,870
9	G-42	1,583,628	1,312,063	1,438,136	1,175,760	552,363	320,487	262,015	261,195	359,731	553,891	1,298,441	1,490,432	10,608,140	2,309,680	8,298,460
10	G-43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	G-44	1,377	1.201	1.163	910	252	80	28	18	33	171	979	1,144	7,357	583	6,773
12	G-45	8,265	7,465	8,218	7,177	3,802	1,720	1,944	1,421	2,065	3,414	8,018	8,207	61,716	14,367	47,350
13	G-46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	G-51	98,483	81,881	89,809	83,939	80,390	82,610	79,869	79,791	78,390	87,945	82,865	92,331	1,018,303	488,995	529,308
15	G-52	427,645	353,290	386,423	355,519	329,312	335,151	325,177	325,514	321,186	369,376	359,851	404,141	4,292,585	2,005,716	2,286,869
16	G-53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	G-54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	G-55	217	199	217	212	215	206	235	231	230	231	222	218	2,632	1,348	1,285
19	G-56	1,033	933	1,031	959	844	751	802	787	767	823	974	1,031	10,735	4,774	5,961
20	G-57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	G-58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Total C/I	3,099,164	2,556,702	2,745,501	2,216,224	1,157,600	814,378	730,978	728,361	848,436	1,163,541	2,441,429	2,875,854	21,378,169	5,443,293	15,934,875
23	Total All	3,099,164	2,556,702	2,745,501	2,216,224	1,157,600	814,378	730,978	728,361	848,436	1,163,541	2,441,429	2,875,854	21,378,169	5,443,293	15,934,875

24	Current HeadBlock Rate																								
25	Effective 8/1/23																								
			an-22		eb-22		Mar-22	Α	pr-22	N	lav-22		Jun-22		Jul-22		Aug-22		Sep-22		Oct-22		Nov-22		Dec-22
26	R-1	s	-	\$	-	s		s		S		s	-	ŝ	-	s	-	\$		s	-	s	-	S	
27	R-3	s	_	s	_	s	_	s	_	s	_	s		s	_	s		s	_	s	_	s		s	_
28	R-4	s	-	s	_	s	_	s	_	s	_	s	_	ŝ	_	s	_	ŝ	_	s	_	s	_	s	_
29	R-5	s	-	\$	-	s	-	s	-	s	-	s	-	s	-	s		s	-	s	-	s	-	s	
30	R-6	s	-	s	-	s	-	s	_	s	-	s	-	\$	-	s		s	-	s	-	s	_	s	_
31	R-7	s	-	s	-	s	-	s	_	s	-	s	-	s	-	s		s	-	s	-	s	_	s	_
32	G-41	s	0.4928	\$	0.4928	s	0.4928	s	0.4928	s	0.4928	s	0.4928	\$	0.4928	s	0.4928	s	0.4928	s	0.4928	s	0.4928	s	0.4928
33	G-42	\$	0.4485	\$	0.4485	\$	0.4485	\$	0.4485	\$	0.4485		0.4485		0.4485	\$	0.4485		0.4485		0.4485		0.4485	\$	0.4485
34	G-43	s	-	\$		s	-	s	-	s		s	-	s	-	s	-	s		s	-	s		s	-
35	G-44	s	0.6407	s	0.6407	s	0.6407	s	0.6407	s	0.6407	s	0.6407	s	0.6407	s	0.6407	s	0.6407	s	0.6407	s	0.6407	s	0.6407
36	G-45	s	0.5830		0.5830		0.5830		0.5830		0.5830		0.5830		0.5830		0.5830		0.5830		0.5830		0.5830		0.5830
37	G-46	s	-	\$		s		s		s		s		s	-	s		s		s	-	s		s	-
38	G-51	s	0.2970		0.2970		0.2970		0.2970		0.2970		0.2970		0.2970		0.2970		0.2970		0.2970		0.2970		0.2970
39	G-52	s	0.2560		0.2560		0.2560		0.2560		0.1891		0.1891			s	0.1891		0.1891			s	0.2560		0.2560
40	G-53	s	-	\$	-	s	-	s		s		s	-	s	-	s	-	s		s	-	s		s	-
41	G-54	s	-	s		s	_	s	_	s		s	-	s	_	s	_	ŝ		s	_	s	_	s	_
42	G-55	s	0.3892	s	0.3892		0.3892	s	0.3892	s	0.3861		0.3861		0.3861	s	0.3861	ŝ	0.3861	s	0.3861	s	0.3892		0.3892
43	G-56	s	0.3328		0.3328		0.3328		0.3328		0.2458		0.2458		0.2458		0.2458		0.2458		0.2458		0.3328		0.3328
44	G-57	s	- 0.0020	s	0.0020	s	0.0020	s	-	s		s	0.2-100	\$	0.2-100	s	0.2-100	s		s	0.2-100	s	0.0020	s	-
45	G-58	s	-	s	_	s	_	s	_	s	_	s	_	s	_	s	_	s	_	s	_	s	_	s	_

46	Calendar and Weather No															
47	Headblock Revenues @ 0	Current Rates														
		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Total	Summer	Winter
48	R-1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
49	R-3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
50	R-4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
51	R-5	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
52	R-6	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
53	R-7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
54	Total Resid.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
55	G-41	\$482,213	\$394,077	\$404,346	\$291,613	\$93,840	\$36,158	\$30,016	\$29,275	\$42,397	\$72,781	\$340,071	\$432,851	\$2,649,638	\$304,467	\$2,345,171
56	G-42	\$710,257	\$588,460	\$645,004	\$527,328	\$247,735	\$143,738	\$117,514	\$117,146	\$161,339	\$248,420	\$582,351	\$668,459	\$4,757,751	\$1,035,892	\$3,721,859
57	G-43	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
58	G-44	\$882	\$769	\$745	\$583	\$162	\$51	\$18	\$12	\$21	\$110	\$627	\$733	\$4,714	\$374	\$4,340
59	G-45	\$4,819	\$4,352	\$4,791	\$4,184	\$2,217	\$1,003	\$1,133	\$828	\$1,204	\$1,990	\$4,675	\$4,785	\$35,981	\$8,376	\$27,605
60	G-46	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
61	G-51	\$29,249	\$24,319	\$26,673	\$24,930	\$23,876	\$24,535	\$23,721	\$23,698	\$23,282	\$26,120	\$24,611	\$27,422	\$302,436	\$145,232	\$157,204
62	G-52	\$109,477	\$90,442	\$98,924	\$91,013	\$62,273	\$63,377	\$61,491	\$61,555	\$60,736	\$69,849	\$92,122	\$103,460	\$964,719	\$379,281	\$585,439
63	G-53	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
64	G-54	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
65	G-55	\$84	\$77	\$84	\$83	\$83	\$80	\$91	\$89	\$89	\$89	\$86	\$85	\$1,020	\$520	\$500
66	G-56	\$344	\$311	\$343	\$319	\$208	\$185	\$197	\$193	\$189	\$202	\$324	\$343	\$3,157	\$1,173	\$1,984
67	G-57	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
68	G-58	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
69	Total C/I	\$1,337,326	\$1,102,808	\$1,180,910	\$940,053	\$430,392	\$269,127	\$234,180	\$232,795	\$289,258	\$419,562	\$1,044,867	\$1,238,138	\$8,719,416	\$1,875,314	\$6,844,102
70	Total All	\$1,337,326	\$1,102,808	\$1,180,910	\$940,053	\$430,392	\$269,127	\$234,180	\$232,795	\$289,258	\$419,562	\$1,044,867	\$1,238,138	\$8,719,416	\$1,875,314	\$6,844,102

TAILBLOCK

	ther Normalized Th														
Tailblock															
	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Total	Summer	Winter
R-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R-4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R-5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R-6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Resid.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
															17,222,207
								237,514	474,538					3,239,788	21,315,736
			-			-	-	0	-	-	-	-	-	-	0
		,				296	-	0				,		,	22,880
						0				-, -			198,849		184,754
			-			ŭ		-					0	•	0
G-51	422,235	364,092	327,721	243,697	191,017	180,133	166,423	150,107	173,529	248,655	283,735	358,438	3,109,780	1,109,863	1,999,917
G-52	710,962	607,312	528,014	360,476	258,689	228,317	196,313	198,936	231,050	326,136	426,211	567,184	4,639,600	1,439,441	3,200,159
G-53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G-54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G-55	762	605	568	471	271	166	207	181	258	412	452	597	4,950	1,496	3,454
	744	558	188	0	0	0	0	0	0	0	45	282	1,817	0	1,817
G-57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G-58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total C/I	10,636,076	9,280,915	7,006,027	3,631,696	1,660,850	999,877	793,706	765,593	1,206,126	2,735,962	5,037,506	8,358,704	52,113,039	8,162,114	43,950,925
Total All	10.636.076	9.280.915	7.006.027	3.631.696	1.660.850	999.877	793.706	765.593	1.206.126	2.735.962	5.037.506	8.358.704	52.113.039	8.162.114	43.950.925
	R-1 R-3 R-4 R-5 R-6 R-7 Total Resid. G-41 G-42 G-43 G-44 G-45 G-46 G-51 G-52 G-53 G-54 G-55 G-54 G-55 G-56 G-57 G-57 G-57 G-58	Jan-22	R-1 Jan-22 Feb-22 R-3 0 0 R-4 0 0 R-5 0 0 R-6 0 0 R-7 0 0 Total Resid. 0 0 G-41 4,292,655 3,716,388 G-42 5,156,735 4,549,199 G-43 5,902 4,805 G-46 0 0 G-46 0 0 G-51 422,235 364,092 G-52 710,962 607,312 G-53 0 0 G-55 762 605 G-57 0 0 G-58 0 0 G-59 0 0	R-1 Jan-22 Feb-22 Mar-22 R-3 0 0 0 R-4 0 0 0 R-5 0 0 0 R-6 0 0 0 R-7 0 0 0 Total Resid. 0 0 0 G-41 4,292,655 3,716,388 2,721,265 G-42 5,156,735 4,549,199 3,394,721 G-43 5,902 4,805 3,610 G-45 46,082 37,956 29,940 G-46 0 0 0 0 G-51 422,235 364,092 327,721 G-52 710,962 607,312 528,014 G-53 0 0 0 G-54 0 0 0 G-55 762 605 568 G-57 0 0 0 G-58 0 0 0 G-58 <td>R-1 Jan-22 Feb-22 Mar-22 Apr-22 R-3 0 0 0 0 R-4 0 0 0 0 R-5 0 0 0 0 R-7 0 0 0 0 R-7 0 0 0 0 G-41 4,292,655 3,716,388 2,721,265 1,313,121 G-42 5,156,735 4,549,199 3,394,721 1,698,451 G-43 5,902 4,805 3,610 1,599 G-45 46,082 37,755 29,940 13,883 G-46 0 0 0 0 0 G-51 422,235 364,092 327,721 243,697 G-52 710,962 607,312 528,014 360,476 G-53 0 0 0 0 G-55 762 605 568 471 G-57 0 0 0</td> <td>R-1 Jan-22 Feb-22 Mar-22 Apr-22 May-22 R-3 0 0 0 0 0 0 R-4 0 0 0 0 0 0 0 R-5 0 0 0 0 0 0 0 0 R-7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td> <td>R-1 Jan-22 Feb-22 Mar-22 Apr-22 May-22 Jun-22 R-3 0 0 0 0 0 0 0 R-4 0 0 0 0 0 0 0 R-5 0 0 0 0 0 0 0 R-6 0 0 0 0 0 0 0 R-7 0 0 0 0 0 0 0 G-41 4,292,655 3,716,388 2,721,265 1,313,121 525,507 265,223 645,234 4,549,199 3,394,721 1,698,451 680,154 325,742 6-43 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td> <td>R.1 Jan-22 Feb-22 Mar-22 Apr-22 May-22 Jun-22 Jul-22 R.3 0 0 0 0 0 0 0 0 R-4 0 0 0 0 0 0 0 0 R-5 0 0 0 0 0 0 0 0 R-7 0 0 0 0 0 0 0 0 G-41 4,292,655 3,716,388 2,721,265 1,313,121 525,507 265,223 194,150 G-42 5,156,735 4,549,199 3,394,721 1,698,451 680,154 325,742 236,334 G-43 5,902 4,805 3,610 1,599 839 296 0 G-46 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0<!--</td--><td>R.1 Jan-22 Feb-22 Mar-22 Apr-22 May-22 Jun-22 Jul-22 Aug-22 R.3 0 0 0 0 0 0 0 0 R-3 0 0 0 0 0 0 0 0 0 R-4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <td< td=""><td> R-1</td><td> R-1</td><td> R-1</td><td> R-1</td><td> R-1</td><td> Name</td></td<></td></td>	R-1 Jan-22 Feb-22 Mar-22 Apr-22 R-3 0 0 0 0 R-4 0 0 0 0 R-5 0 0 0 0 R-7 0 0 0 0 R-7 0 0 0 0 G-41 4,292,655 3,716,388 2,721,265 1,313,121 G-42 5,156,735 4,549,199 3,394,721 1,698,451 G-43 5,902 4,805 3,610 1,599 G-45 46,082 37,755 29,940 13,883 G-46 0 0 0 0 0 G-51 422,235 364,092 327,721 243,697 G-52 710,962 607,312 528,014 360,476 G-53 0 0 0 0 G-55 762 605 568 471 G-57 0 0 0	R-1 Jan-22 Feb-22 Mar-22 Apr-22 May-22 R-3 0 0 0 0 0 0 R-4 0 0 0 0 0 0 0 R-5 0 0 0 0 0 0 0 0 R-7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	R-1 Jan-22 Feb-22 Mar-22 Apr-22 May-22 Jun-22 R-3 0 0 0 0 0 0 0 R-4 0 0 0 0 0 0 0 R-5 0 0 0 0 0 0 0 R-6 0 0 0 0 0 0 0 R-7 0 0 0 0 0 0 0 G-41 4,292,655 3,716,388 2,721,265 1,313,121 525,507 265,223 645,234 4,549,199 3,394,721 1,698,451 680,154 325,742 6-43 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	R.1 Jan-22 Feb-22 Mar-22 Apr-22 May-22 Jun-22 Jul-22 R.3 0 0 0 0 0 0 0 0 R-4 0 0 0 0 0 0 0 0 R-5 0 0 0 0 0 0 0 0 R-7 0 0 0 0 0 0 0 0 G-41 4,292,655 3,716,388 2,721,265 1,313,121 525,507 265,223 194,150 G-42 5,156,735 4,549,199 3,394,721 1,698,451 680,154 325,742 236,334 G-43 5,902 4,805 3,610 1,599 839 296 0 G-46 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 </td <td>R.1 Jan-22 Feb-22 Mar-22 Apr-22 May-22 Jun-22 Jul-22 Aug-22 R.3 0 0 0 0 0 0 0 0 R-3 0 0 0 0 0 0 0 0 0 R-4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <td< td=""><td> R-1</td><td> R-1</td><td> R-1</td><td> R-1</td><td> R-1</td><td> Name</td></td<></td>	R.1 Jan-22 Feb-22 Mar-22 Apr-22 May-22 Jun-22 Jul-22 Aug-22 R.3 0 0 0 0 0 0 0 0 R-3 0 0 0 0 0 0 0 0 0 R-4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <td< td=""><td> R-1</td><td> R-1</td><td> R-1</td><td> R-1</td><td> R-1</td><td> Name</td></td<>	R-1	R-1	R-1	R-1	R-1	Name

24 25	Current Tailblock Rate Effective 8/1/23																								
			Jan-22	_	Feb-22	_	Mar-22		Apr-22		lay-22		Jun-22	_	Jul-22		Aug-22	_	Sep-22	_	Oct-22	_	Nov-22		Dec-22
26	R-1	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$		\$	-	\$	-	\$	-
27	R-3	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
28	R-4	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
29	R-5	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
30	R-6	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
31	R-7	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
32	G-41	\$	0.3390	\$	0.3390	\$	0.3390	\$	0.3390	\$	0.3390	\$	0.3390	\$	0.3390	\$	0.3390	\$	0.3390	\$	0.3390	\$	0.3390	\$	0.3390
33	G-42	\$	0.3063	\$	0.3063	\$	0.3063	\$	0.3063	\$	0.3063	\$	0.3063	\$	0.3063	\$	0.3063	\$	0.3063	\$	0.3063	\$	0.3063	\$	0.3063
34	G-43	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
35	G-44	\$	0.4406	\$	0.4406	\$	0.4406	\$	0.4406	\$	0.4406	\$	0.4406	\$	0.4406	\$	0.4406	\$	0.4406	\$	0.4406	\$	0.4406	\$	0.4406
36	G-45	\$	0.3982	\$	0.3982	\$	0.3982	\$	0.3982	\$	0.3982	\$	0.3982	\$	0.3982	\$	0.3982	\$	0.3982	\$	0.3982	\$	0.3982	\$	0.3982
37	G-46	s	_	\$	-	s	-	s	-	s	_	s	-	\$	-	s	-	\$	-	s	-	s	-	s	-
38	G-51	s	0.1983	\$	0.1983	s	0.1983	s	0.1983	s	0.1983	s	0.1983	\$	0.1983	s	0.1983	\$	0.1983	s	0.1983	s	0.1983	s	0.1983
39	G-52	s	0.1749	\$	0.1749	s	0.1749	s	0.1749		0.1132	s	0.1132	\$	0.1132	s	0.1132		0.1132		0.1132	s	0.1749	s	0.1749
40	G-53	s		s		s		s	_	s	-	s		s		s		\$		s		s		s	
41	G-54	s	_	s	_	s	_	s	_	s	_	s	_	s	_	s	_	\$		s	_	s	_	s	_
42	G-55	ě	0.2579	s	0.2579		0.2579		0.2579		0.2579		0.2579		0.2579	-	0.2579		0.2579		0.2579		0.2579	-	0.2579
43	G-56	s	0.2274	-	0.2274		0.2274		0.2274		0.1472		0.1472		0.1472		0.1472		0.1472		0.1472		0.2274		0.2274
44	G-57	s	0.2274	\$	0.2214	S		S		s		S	0.1472		0.1472	s	0.1472	\$		s	0.1472	S	0.2214	S	0.2214
45	G-58	s		9		s		٠		s		s		s S		٠		9		s	-	s		9	-
43	G-36	٠	-	Φ	-	٠	-	Þ	-	٠	-	Þ	-	Φ	-	Þ	-	φ	-	٥	-	Þ		٠	-

R-3	46	Calendar and Weather No	ormalized														
88 R-1	47	Tailblock Revenues @ Co	urrent Rates														
88 R-1																	
R-3																	
SO																	\$0
51 R-5 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0																	\$0
\$\frac{9}{33}\$ \begin{array}{c c c c c c c c c c c c c c c c c c c																	\$0
87																	\$0
Total Resid. \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0																	\$0
55 G-41 \$1,455,210 \$1,259,856 \$922,509 \$445,148 \$178,147 \$89,910 \$65,817 \$60,607 \$110,364 \$293,771 \$629,601 \$1,126,004 \$6,636,943 \$798,615 \$5,838,375 \$749,500 \$1,393,420 \$1,099,803 \$520,235 \$206,331 \$99,775 \$72,389 \$72,750 \$145,351 \$393,750 \$749,500 \$1,246,536 \$7,521,357 \$992,347 \$6,529,075 \$76,43 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0																	\$0
56 G-42 \$1,579,508 \$1,393,420 \$1,039,803 \$520,235 \$208,331 \$99,775 \$72,389 \$72,750 \$145,351 \$393,750 \$749,508 \$1,246,536 \$7,521,357 \$992,347 \$6,520,07 57 G-43 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	54	Total Resid.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
56 G-42 \$1,579,508 \$1,393,420 \$1,099,803 \$520,235 \$208,331 \$99,775 \$72,389 \$72,750 \$145,351 \$393,750 \$749,508 \$1,246,536 \$7,521,357 \$992,347 \$6,520,075 \$76,43 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0																	
57 G-43 \$ \$0 \$ \$0 \$ \$0 \$ \$0 \$ \$0 \$ \$0 \$ \$0 \$. , , .	. , ,		, .				,		,					
S8 C-44 \$2,011 \$2,117 \$1,5191 \$704 \$370 \$131 \$0 \$0 \$10 \$210 \$898 \$2,111 \$10,801 \$720 \$10,001 59 G-45 \$18,350 \$15,114 \$11,922 \$5,528 \$1,742 \$0 \$111 \$29 \$466 \$3,264 \$8,237 \$14,418 \$79,182 \$5,612 \$73,616 61 G-46 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 </th <th>56</th> <th></th> <th></th> <th>. , ,</th> <th>\$1,039,803</th> <th> ,</th> <th>\$208,331</th> <th> ,</th> <th></th> <th>\$72,750</th> <th>\$145,351</th> <th>\$393,750</th> <th></th> <th>. , .,</th> <th>\$7,521,357</th> <th>\$992,347</th> <th>\$6,529,010</th>	56			. , ,	\$1,039,803	,	\$208,331	,		\$72,750	\$145,351	\$393,750		. , .,	\$7,521,357	\$992,347	\$6,529,010
99 C-46 \$18,350 \$15,114 \$11,922 \$5,528 \$1,742 \$0 \$111 \$29 \$466 \$3,264 \$8,237 \$14,418 \$79,182 \$5,612 \$73,56 \$1 \$4,618 \$79,182 \$5,612 \$73,56 \$1 \$4,618 \$79,182 \$5,612 \$73,56 \$1 \$4,618 \$79,182 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1,612 \$1																	\$0
60 G-46 S0				. ,										. ,			\$10,081
61 C-51 S83,729 S72,199 S84,987 S43,225 S37,879 S35,720 S33,002 S29,766 S34,411 S49,308 S56,265 S71,078 S616,669 S20,086 S396,546 C52 S124,347 S106,219 S92,350 S63,047 S29,284 S25,846 S22,223 S22,520 S26,155 S36,919 S74,544 S99,201 S722,653 S162,945 S559,746 S63 S63 S63 S63 S63 S63 S63 S64	59		\$18,350	\$15,114	\$11,922	\$5,528	\$1,742	\$0	\$111	\$29	\$466	\$3,264	\$8,237	\$14,418	\$79,182	\$5,612	\$73,569
62 G-52 \$124,347 \$106,219 \$92,350 \$63,047 \$29,284 \$25,846 \$22,223 \$22,520 \$26,155 \$36,919 \$74,544 \$99,201 \$722,653 \$162,945 \$559,76 \$63 G-53 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	60		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
63 C-53 S0	61		\$83,729	\$72,199	\$64,987	\$48,325	\$37,879	\$35,720	\$33,002	\$29,766	\$34,411	\$49,308	\$56,265	\$71,078	\$616,669	\$220,086	\$396,584
64 G-54 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	62		\$124,347	\$106,219	\$92,350	\$63,047	\$29,284	\$25,846	\$22,223	\$22,520	\$26,155	\$36,919	\$74,544	\$99,201	\$722,653	\$162,945	\$559,708
65 G-56 \$197 \$156 \$146 \$121 \$70 \$43 \$53 \$47 \$67 \$106 \$117 \$154 \$1,277 \$386 \$86 \$66 G-56 \$198 \$127 \$43 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50	63	G-53	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
66 G-56 \$169 \$127 \$43 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	64		\$0	\$0	\$0			\$0			\$0	\$0			\$0		\$0
67 G-57 S0	65	G-55	\$197	\$156	\$146	\$121	\$70	\$43	\$53	\$47	\$67	\$106	\$117	\$154	\$1,277	\$386	\$891
68 G-58 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	66	G-56	\$169	\$127	\$43	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10	\$64	\$413	\$0	\$413
69 Total C/I \$3,264,110 \$2,849,208 \$2,133,351 \$1,083,110 \$455,821 \$251,425 \$193,595 \$185,719 \$316,823 \$777,328 \$1,519,239 \$2,559,566 \$15,589,295 \$2,180,711 \$13,408,519 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10	67	G-57	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
70 Total All \$3,264,110 \$2,849,208 \$2,133,351 \$1,083,110 \$455,821 \$251,425 \$193,595 \$185,719 \$316,823 \$777,328 \$1,519,239 \$2,559,566 \$15,589,295 \$2,180,711 \$13,406,51	68	G-58	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
70 Total All \$3,264,110 \$2,849,208 \$2,133,351 \$1,083,110 \$455,821 \$251,425 \$193,595 \$185,719 \$316,823 \$777,328 \$1,519,239 \$2,559,566 \$15,589,295 \$2,180,711 \$13,406,51																	
	69	Total C/I	\$3,264,110	\$2,849,208	\$2,133,351	\$1,083,110	\$455,821	\$251,425	\$193,595	\$185,719	\$316,823	\$777,328	\$1,519,239	\$2,559,566	\$15,589,295	\$2,180,711	\$13,408,584
	70	Total All	\$3.264.110	\$2.849.208	\$2,133,351	\$1.083.110	\$455.821	\$251.425	\$193,595	\$185.719	\$316.823	\$777.328	\$1.519.239	\$2,559,566	\$15.589.295	\$2.180.711	\$13,408,584
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ALL BLOCK

	2022 Calendar and All Block	Weather Normalized T	herms													
Line		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Total	Summer	Winter
1	R-1	123,819	106,699	98,273	70,331	46,567	38,379	32,094	30,216	35,990	54,854	82,669	119,136	839,028	238,100	600,928
2	R-3	11,123,198	9,575,666	7,831,593	4,587,160	2,064,484	1,231,559	1,020,744	969,503	1,364,467	2,791,254	5,923,260	9,154,525	57,637,414	9,442,011	48,195,402
3	R-4	889,634	762,338	640,312	382,775	174,920	104,823	74,988	68,364	90,351	183,071	399,342	620,199	4,391,117	696,516	3,694,601
4	R-5	4,881	4,134	3,382	2,188	1,158	639	568	532	672	1,476	2,989	4,739	27,359	5,045	22,314
5	R-6	43,280	36,239	28,794	17,396	8,586	4,232	3,816	3,570	4,221	8,845	20,891	33,794	213,664	33,270	180,394
6	R-7	675	563	425	247	136	68	40	37	42	97	243	434	3,008	420	2,588
7	Total Resid.	12,185,488	10,485,639	8,602,779	5,060,098	2,295,851	1,379,701	1,132,250	1,072,221	1,495,743	3,039,596	6,429,395	9,932,828	63,111,589	10,415,362	52,696,227
8	G-41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	G-42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	G-43	2,195,770	1,857,953	1,675,067	1,115,209	567,414	366,383	297,220	319,744	406,035	847,628	1,334,795	1,782,672	12,765,890	2,804,423	9,961,467
11	G-44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	G-45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	G-46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	G-51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	G-52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	G-53	1,238,785	1,032,311	1,004,610	782,052	645,650	695,211	607,422	638,861	669,654	803,232	899,102	998,805	10,015,693	4,060,028	5,955,665
17	G-54	1,320,374	1,071,157	1,271,745	1,460,005	1,355,487	1,405,716	1,446,016	1,677,462	1,368,856	1,670,837	1,292,232	1,001,345	16,341,233	8,924,375	7,416,858
18	G-55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	G-56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	G-57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	G-58	31,009	25,389	26,048	22,320	23,244	24,815	14,223	19,781	17,755	20,387	21,430	20,054	266,456	120,206	146,250
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Total C/I	4,785,938	3,986,811	3,977,469	3,379,587	2,591,796	2,492,125	2,364,880	2,655,848	2,462,300	3,342,084	3,547,559	3,802,876	39,389,272	15,909,032	23,480,239
23	Total All	16,971,426	14,472,450	12,580,248	8,439,685	4,887,646	3,871,826	3,497,130	3,728,069	3,958,042	6,381,680	9,976,954	13,735,704	102,500,861	26,324,394	76,176,467
														102.500.861	26.324.394	76.176.467

	-																								
24	Current All Block Rate																								
25	Effective 8/1/23																								
		_	Jan-22		Feb-22		Mar-22		Apr-22		lay-22		Jun-22		Jul-22		Aug-22		Sep-22		Oct-22		Nov-22		Dec-22
26	R-1	\$	0.4614	\$	0.4614	\$	0.4614	\$	0.4614	\$	0.4614	\$	0.4614	\$	0.4614	\$	0.4614	\$	0.4614	\$	0.4614	\$	0.4614	\$	0.4614
27	R-3	\$	0.6167	\$	0.6167	\$	0.6167	\$	0.6167	\$	0.6167	\$	0.6167	\$	0.6167	\$	0.6167	\$	0.6167	\$	0.6167	\$	0.6167	\$	0.6167
28	R-4	\$	0.3392	\$	0.3392	\$	0.3392	\$	0.3392	\$	0.6167	\$	0.6167	\$	0.6167	\$	0.6167	\$	0.6167	\$	0.6167	\$	0.3392	\$	0.3392
29	R-5	\$	0.5999	\$	0.5999	\$	0.5999	\$	0.5999	\$	0.5999	\$	0.5999	\$	0.5999	\$	0.5999	\$	0.5999	\$	0.5999	\$	0.5999	\$	0.5999
30	R-6	\$	0.8017	\$	0.8017	\$	0.8017	\$	0.8017	\$	0.8017	\$	0.8017	\$	0.8017	\$	0.8017	\$	0.8017	\$	0.8017	\$	0.8017	\$	0.8017
31	R-7	\$	0.4409	\$	0.4409	\$	0.4409	\$	0.4409	\$	0.8017	\$	0.8017	\$	0.8017	\$	0.8017	\$	0.8017	\$	0.8017	\$	0.4409	\$	0.4409
32	G-41	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
33	G-42	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
34	G-43	\$	0.2766	\$	0.2766	\$	0.2766	\$	0.2766	\$	0.1344	\$	0.1344	\$	0.1344	\$	0.1344	\$	0.1344	\$	0.1344	\$	0.2766	\$	0.2766
35	G-44	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
36	G-45	s	-	\$	-	s	-	s	-	s	-	s	-	\$	-	s	-	\$	_	s	-	s		s	-
37	G-46	s	0.3596	s	0.3596	s	0.3596	s	0.3596	s	0.1747	s	0.1747	\$	0.1747	s	0.1747	\$	0.1747	s	0.1747	s	0.3596	s	0.3596
38	G-51	s	-	s	-	s	-	s		s		s	-	s		s		s		s		s	-	s	-
39	G-52	s	_	ŝ	_	s	_	s	_	s	_	s	_	s	_	s	_	s	_	s	_	Š	_	s	_
40	G-53	s	0.1790	s	0.1790		0.1790		0.1790	s	0.0907		0.0907		0.0907	s	0.0907		0.0907		0.0907	Š	0.1790	s	0.1790
41	G-54	s	0.0682		0.0682		0.0682		0.0682	-	0.0386		0.0386		0.0386		0.0386		0.0386		0.0386		0.0682		0.0682
42	G-55	Š	0.0002	S	0.0002	s		\$		S	-	S		\$		s		\$		s	0.0300	s	0.0002	S	0.0002
43	G-56	ě	_	ě	_	s	_	s	_	ě	_	s	_	ě	_	ě	_	\$		s	_	ě	-	ě	_
44	G-57	٠	0.2327	s	0.2327		0.2327			S	0.1179		0.1179	9	0.1179	٠	0.1179		0.1179		0.1179	٠	0.2327	٠	0.2327
45	G-57 G-58	S	0.2327	-	0.2327		0.2327			s	0.1179		0.1179		0.1179		0.1179		0.1179		0.1179		0.2327		0.2327
40	G-30	٥	0.0887	φ	0.0007	٥	0.0887	۵	0.0887	Þ	0.0502	٠	0.0502	φ	0.0502	Þ	0.0502	φ	0.0502	٥	0.0502	٠	0.0007	٥	0.0887
	I																								

46	Calendar and Weather No	rmalized														
47	All Block Revenues @ Cu	rrent Rates														
		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Total	Summer	Winter
48	R-1	\$57.130	\$49.231	\$45.343	\$32.451	\$21.486	\$17.708	\$14.808	\$13.941	\$16.606	\$25.310	\$38,144	\$54.969	\$387.127	\$109.859	\$277.268
49	R-3	\$6.859.676	\$5,905,313	\$4.829.743	\$2.828.902	\$1,273,167	\$759.503	\$629.493	\$597.892	\$841.467	\$1,721,366	\$3.652.875	\$5,645,595	\$35.544.993	\$5.822.888	\$29,722,105
50	R-4	\$301.764	\$258,585	\$217.194	\$129.837	\$1,273,107	\$64.644	\$46.245	\$42,160	\$55,719	\$1,721,300	\$135,457	\$210,372	\$1,682,750	\$429.541	\$1,253,209
51	R-5	\$2.928	\$2,480	\$2.029	\$1.313	\$695	\$383	\$341	\$319	\$403	\$112,900	\$1.793	\$2,843	\$1,002,730	\$3.027	\$1,253,209
52	R-6	\$34.698	\$29.052	\$2,029	\$13,946	\$6,883	\$3,393	\$3.059	\$2.862	\$3,384	\$7.091	\$16.749	\$27,093	\$171.294	\$26,672	\$144,622
53	R-7	\$298	\$29,032	\$23,064	\$109	\$109	\$5,393 \$55	\$3,039	\$2,002	\$3,364 \$34	\$7,091	\$10,749	\$191	\$1,478	\$336	\$1,141
54	Total Resid.	\$7.256.494	\$6.244.910	\$5.117.581	\$3.006.558	\$1,410,213	\$845.686	\$693.978	\$657.205	\$917.613	\$1.867.629	\$3.845.124	\$5.941.064	\$37.804.055	\$6,392,324	\$31,411,731
34	Total Resid.	\$7,230,484	\$0,244,910	\$5,117,561	\$3,000,336	\$1,410,213	\$645,000	\$093,976	\$007,200	\$917,013	\$1,007,029	φ3,043,124	\$5,941,004	\$37,004,033	\$6,392,324	\$31,411,731
55	G-41	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
56	G-42	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
57	G-43	\$607,350	\$513,910	\$463,324	\$308,467	\$76,260	\$49,242	\$39,946	\$42,974	\$54,571	\$113,921	\$369,204	\$493,087	\$3,132,256	\$376,914	\$2,755,342
58	G-44	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
59	G-45	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
60	G-46	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
61	G-51	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
62	G-52	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
63	G-53	\$221,743	\$184,784	\$179,825	\$139,987	\$58,560	\$63,056	\$55,093	\$57,945	\$60,738	\$72,853	\$160,939	\$178,786	\$1,434,309	\$368,245	\$1,066,064
64	G-54	\$90,049	\$73,053	\$86,733	\$99,572	\$52,322	\$54,261	\$55,816	\$64,750	\$52,838	\$64,494	\$88,130	\$68,292	\$850,311	\$344,481	\$505,830
65	G-55	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
66	G-56	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
67	G-57	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
68	G-58	\$2,750	\$2,252	\$2,310	\$1,980	\$1,167	\$1,246	\$714	\$993	\$891	\$1,023	\$1,901	\$1,779	\$19,007	\$6,034	\$12,972
69	Total C/I	\$921,893	\$773,998	\$732,192	\$550,006	\$188,310	\$167,804	\$151,570	\$166,661	\$169,038	\$252,292	\$620,175	\$741,944	\$5,435,882	\$1,095,674	\$4,340,208
69	Total C/I	\$921,893	\$173,998	\$732,192	900,006	\$108,310	\$107,804	\$151,570	\$106,661	\$169,038	\$252,292	\$020,175	\$141,944	\$5,435,882	\$1,095,674	\$4,340,208
70	Total All	\$8,178,387	\$7,018,909	\$5,849,773	\$3,556,564	\$1,598,523	\$1,013,490	\$845,548	\$823,866	\$1,086,650	\$2,119,921	\$4,465,299	\$6,683,008	\$43,239,937	\$7,487,999	\$35,751,938
71	Check													\$43,239,937	\$7,487,999	\$35,751,938

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HEADBLOCK + TAILBLOCK + ALL BLOCK THERMS

	2022 Calendar and Weath Headblock+Tailblock+All		herms													
Line		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Total	Summer	Winter
1	R-1	123,819	106,699	98,273	70,331	46,567	38,379	32,094	30,216	35,990	54,854	82,669	119,136	839,028	238,100	600,928
2	R-3	11,123,198	9,575,666	7,831,593	4,587,160	2,064,484	1,231,559	1,020,744	969,503	1,364,467	2,791,254	5,923,260	9,154,525	57,637,414	9,442,011	48,195,402
3	R-4	889,634	762,338	640,312	382,775	174,920	104,823	74,988	68,364	90,351	183,071	399,342	620,199	4,391,117	696,516	3,694,601
4	R-5	4,881	4,134	3,382	2,188	1,158	639	568	532	672	1,476	2,989	4,739	27,359	5,045	22,314
5	R-6	43,280	36,239	28,794	17,396	8,586	4,232	3,816	3,570	4,221	8,845	20,891	33,794	213,664	33,270	180,394
6	R-7	675	563	425	247	136	68	40	37	42	97	243	434	3,008	420	2,588
7	Total Resid.	12,185,488	10,485,639	8,602,779	5,060,098	2,295,851	1,379,701	1,132,250	1,072,221	1,495,743	3,039,596	6,429,395	9,932,828	63,111,589	10,415,362	52,696,227
8	G-41	5,271,171	4,516,058	3,541,772	1,904,868	715,928	338,595	255,058	238,186	411,590	1,014,270	2,547,310	4,199,898	24,954,703	2,973,627	21,981,077
9	G-42	6,740,362	5,861,262	4,832,857	2,874,210	1,232,517	646,229	498,349	498,709	834,268	1,839,397	3,745,415	5,560,090	35,163,664	5,549,469	29,614,196
10	G-43	2,195,770	1,857,953	1,675,067	1,115,209	567,414	366,383	297,220	319,744	406,035	847,628	1,334,795	1,782,672	12,765,890	2,804,423	9,961,467
11	G-44	7,280	6,006	4,773	2,508	1,091	377	28	18	56	648	3,152	5,935	31,872	2,218	29,653
12	G-45	54,347	45,422	38,158	21,060	8,176	1,720	2,223	1,495	3,236	11,611	28,703	44,415	260,565	28,461	232,104
13	G-46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	G-51	520,718	445,973	417,530	327,636	271,407	262,743	246,292	229,897	251,920	336,600	366,600	450,769	4,128,084	1,598,858	2,529,225
15	G-52	1,138,608	960,602	914,437	715,995	588,001	563,469	521,490	524,450	552,236	695,511	786,062	971,325	8,932,185	3,445,157	5,487,028
16	G-53	1,238,785	1,032,311	1,004,610	782,052	645,650	695,211	607,422	638,861	669,654	803,232	899,102	998,805	10,015,693	4,060,028	5,955,665
17	G-54	1,320,374	1,071,157	1,271,745	1,460,005	1,355,487	1,405,716	1,446,016	1,677,462	1,368,856	1,670,837	1,292,232	1,001,345	16,341,233	8,924,375	7,416,858
18	G-55	979	804	784	683	486	372	442	412	489	644	674	815	7,583	2,844	4,739
19	G-56	1,777	1,491	1,219	959	844	751	802	787	767	823	1,019	1,313	12,552	4,774	7,778
20	G-57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	G-58	31,009	25,389	26,048	22,320	23,244	24,815	14,223	19,781	17,755	20,387	21,430	20,054	266,456	120,206	146,250
22	Total C/I	18,521,179	15,824,428	13,728,998	9,227,507	5,410,246	4,306,380	3,889,564	4,149,802	4,516,862	7,241,587	11,026,494	15,037,434	112,880,480	29,514,440	83,366,039
23	Total All	30,706,667	26,310,067	22,331,777	14,287,605	7,706,096	5,686,081	5,021,814	5,222,023	6,012,604	10,281,183	17,455,889	24,970,262	175,992,068	39,929,802	136,062,267
24	Check													175,992,068	39,929,802	136,062,267

TOTAL CALENDAR AND WEATHER NORMALIZED VOLUMETRIC REVENUES (HEADBLOACK + TAILBLOCK + ALL BLOCK)

26	2022 Calendar and We	ather Normalized R	evenues													
		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Total	Summer	Winter
27	R-1	\$57,130	\$49,231	\$45,343	\$32,451	\$21,486	\$17,708	\$14,808	\$13,941	\$16,606	\$25,310	\$38,144	\$54,969	\$387,127	\$109,859	\$277,268
28	R-3	\$6,859,676	\$5,905,313	\$4,829,743	\$2,828,902	\$1,273,167	\$759,503	\$629,493	\$597,892	\$841,467	\$1,721,366	\$3,652,875	\$5,645,595	\$35,544,993	\$5,822,888	\$29,722,105
29	R-4	\$301,764	\$258,585	\$217,194	\$129,837	\$107,873	\$64,644	\$46,245	\$42,160	\$55,719	\$112,900	\$135,457	\$210,372	\$1,682,750	\$429,541	\$1,253,209
30	R-5	\$2,928	\$2,480	\$2,029	\$1,313	\$695	\$383	\$341	\$319	\$403	\$885	\$1,793	\$2,843	\$16,413	\$3,027	\$13,386
31	R-6	\$34,698	\$29,052	\$23,084	\$13,946	\$6,883	\$3,393	\$3,059	\$2,862	\$3,384	\$7,091	\$16,749	\$27,093	\$171,294	\$26,672	\$144,622
32	R-7	\$298	\$248	\$187	\$109	\$109	\$55	\$32	\$29	\$34	\$78	\$107	\$191	\$1,478	\$336	\$1,141
33	Total Resid.	\$7,256,494	\$6,244,910	\$5,117,581	\$3,006,558	\$1,410,213	\$845,686	\$693,978	\$657,205	\$917,613	\$1,867,629	\$3,845,124	\$5,941,064	\$37,804,055	\$6,392,324	\$31,411,731
34	G-41	\$1,937,423	\$1,653,933	\$1,326,854	\$736,761	\$271,987	\$126,068	\$95,833	\$89,881	\$152,761	\$366,552	\$969,672	\$1,558,856	\$9,286,581	\$1,103,082	\$8,183,499
35	G-42	\$2,289,765	\$1,981,880	\$1,684,807	\$1,047,564	\$456,066	\$243,513	\$189,903	\$189,896	\$306,690	\$642,171	\$1,331,859	\$1,914,995	\$12,279,108	\$2,028,239	\$10,250,869
36	G-43	\$607,350	\$513,910	\$463,324	\$308,467	\$76,260	\$49,242	\$39,946	\$42,974	\$54,571	\$113,921	\$369,204	\$493,087	\$3,132,256	\$376,914	\$2,755,342
37	G-44	\$3,483	\$2,886	\$2,336	\$1,287	\$531	\$182	\$18	\$12	\$31	\$320	\$1,585	\$2,844	\$15,515	\$1,094	\$14,421
38	G-45	\$23,168	\$19,467	\$16,713	\$9,712	\$3,958	\$1,003	\$1,244	\$858	\$1,670	\$5,254	\$12,911	\$19,203	\$115,162	\$13,988	\$101,174
39	G-46	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
40	G-51	\$112,979	\$96,518	\$91,660	\$73,255	\$61,754	\$60,256	\$56,723	\$53,464	\$57,693	\$75,428	\$80,876	\$98,500	\$919,106	\$365,317	\$553,788
41	G-52	\$233,824	\$196,661	\$191,274	\$154,060	\$91,556	\$89,223	\$83,714	\$84,074	\$86,891	\$106,768	\$166,666	\$202,661	\$1,687,372	\$542,226	\$1,145,146
42	G-53	\$221,743	\$184,784	\$179,825	\$139,987	\$58,560	\$63,056	\$55,093	\$57,945	\$60,738	\$72,853	\$160,939	\$178,786	\$1,434,309	\$368,245	\$1,066,064
43	G-54	\$90,049	\$73,053	\$86,733	\$99,572	\$52,322	\$54,261	\$55,816	\$64,750	\$52,838	\$64,494	\$88,130	\$68,292	\$850,311	\$344,481	\$505,830
44	G-55	\$281	\$233	\$231	\$204	\$153	\$122	\$144	\$136	\$156	\$196	\$203	\$239	\$2,297	\$906	\$1,391
45	G-56	\$513	\$437	\$386	\$319	\$208	\$185	\$197	\$193	\$189	\$202	\$334	\$407	\$3,570	\$1,173	\$2,397
46	G-57	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
47	G-58	\$2,750	\$2,252	\$2,310	\$1,980	\$1,167	\$1,246	\$714	\$993	\$891	\$1,023	\$1,901	\$1,779	\$19,007	\$6,034	\$12,972
48	Total C/I	\$5,523,328	\$4,726,014	\$4,046,453	\$2,573,169	\$1,074,523	\$688,355	\$579,345	\$585,176	\$775,119	\$1,449,182	\$3,184,281	\$4,539,648	\$29,744,593	\$5,151,700	\$24,592,893
49	Total All	\$12,779,822	\$10,970,924	\$9,164,034	\$5,579,727	\$2,484,736	\$1,534,042	\$1,273,323	\$1,242,381	\$1,692,731	\$3,316,812	\$7,029,405	\$10,480,712	\$67,548,648	\$11,544,024	\$56,004,623

TOTAL CALENDAR AND WEATHER NORMALIZED REVENUES (CUSTOMER + VOLUMETRIC)

51	2022 Calendar and Weathe	or Normalized Pe	ovonuoe													
52	Customer + Volumetric	or Normanzeu K														
	_	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Total	Summer	Winter
53	R-1	\$111,733	\$98,406	\$99,610	\$84,636	\$75,329	\$69,737	\$68,389	\$67,344	\$68,994	\$77,827	\$89,217	\$107,509	\$1,018,733	\$427,621	\$591,112
54	R-3	\$8,050,200	\$6,981,865	\$6,021,827	\$3,981,122	\$2,461,666	\$1,907,407	\$1,826,010	\$1,793,338	\$2,005,960	\$2,904,296	\$4,797,478	\$6,826,949	\$49,558,120	\$12,898,678	\$36,659,442
55	R-4	\$356,515	\$307,962	\$271,840	\$182,863	\$207,575	\$160,196	\$130,989	\$125,987	\$140,269	\$205,680	\$188,203	\$264,588	\$2,542,667	\$970,697	\$1,571,971
56	R-5	\$4,501	\$3,900	\$3,602	\$2,834	\$2,267	\$1,906	\$1,871	\$1,836	\$1,904	\$2,391	\$3,258	\$4,351	\$34,621	\$12,175	\$22,446
57	R-6	\$41,406	\$35,125	\$29,796	\$20,440	\$13,585	\$9,841	\$9,840	\$9,626	\$9,967	\$13,788	\$23,262	\$33,770	\$250,447	\$66,648	\$183,799
58	R-7	\$377	\$320	\$267	\$186	\$254	\$195	\$115	\$112	\$121	\$192	\$173	\$260	\$2,573	\$988	\$1,584
59	Total Resid.	\$8,564,733	\$7,427,578	\$6,426,942	\$4,272,082	\$2,760,677	\$2,149,282	\$2,037,215	\$1,998,244	\$2,227,215	\$3,204,174	\$5,101,592	\$7,237,427	\$53,407,161	\$14,376,807	\$39,030,354
60	G-41	\$2,550,240	\$2.208.683	\$1.941.180	\$1.328.110	\$874.016	\$698.816	\$681.098	\$672.389	\$720.608	\$956,943	\$1,552,546	\$2.164.978	\$16.349.608	\$4,603,870	\$11,745,738
61	G-42	\$2,564,716	\$2,230,803	\$1,960,620	\$1,314,447	\$730.650	\$508.292	\$463,241	\$462.721	\$573,498	\$915,414	\$1,597,483	\$2,187,670	\$15.509.556	\$3,653,817	\$11,855,739
62	G-43	\$659.011	\$560.572	\$514.985	\$358.462	\$127.922	\$99,289	\$91.643	\$94.639	\$105,116	\$164.687	\$419.251	\$543.878	\$3,739,454	\$683,295	\$3,056,158
63	G-44	\$4,790	\$4.067	\$3.643	\$2.552	\$1,839	\$1,447	\$1,326	\$1,324	\$1,311	\$1,583	\$2,769	\$4.080	\$30,730	\$8,830	\$21,901
64	G-45	\$25,129	\$21,237	\$18.673	\$11.609	\$5,919	\$2,902	\$3,227	\$2,837	\$3,605	\$7,227	\$14.819	\$21,152	\$138,337	\$25,717	\$112,620
65	G-46	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
66	G-51	\$193.569	\$169,407	\$172,442	\$151,449	\$142,446	\$138.262	\$137.340	\$133.838	\$135.820	\$155.062	\$158.026	\$177.579	\$1.865.239	\$842,767	\$1.022.471
67	G-52	\$310.424	\$265.891	\$267.861	\$227.956	\$168,139	\$163,516	\$160,557	\$160,762	\$161,950	\$183,451	\$241,446	\$280.037	\$2,591,991	\$998,376	\$1,593,615
68	G-53	\$250.857	\$211.159	\$208,107	\$167.383	\$86.815	\$90,424	\$83.321	\$86,343	\$88.872	\$101.057	\$188.388	\$205,161	\$1,767,887	\$536,833	\$1,231,054
69	G-54	\$111,742	\$92,642	\$108,782	\$121,346	\$74,764	\$75,972	\$78,263	\$87,145	\$74,231	\$85,562	\$109,121	\$89,282	\$1,108,852	\$475,937	\$632,915
70	G-55	\$608	\$529	\$558	\$521	\$480	\$439	\$470	\$461	\$472	\$518	\$515	\$559	\$6.130	\$2.840	\$3,290
71	G-56	\$758	\$658	\$631	\$556	\$452	\$422	\$444	\$440	\$430	\$449	\$575	\$655	\$6,470	\$2.637	\$3,833
72	G-57	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
73	G-58	\$3,834	\$3,230	\$3,394	\$3,028	\$2,289	\$2,375	\$1,795	\$2,071	\$1,921	\$2,038	\$2,925	\$2,828	\$31,729	\$12,489	\$19,240
74	T-4-1 0/l	60.075.070	65 700 070	65 000 076	60.007.440	60.045.700	64 700 450	64 700 700	64 704 074	64 007 004	60 570 000	64 007 000	65.077.004	640.445.000	644 047 400	604 000 574
74	Total C/I	\$6,675,678	\$5,768,878	\$5,200,876	\$3,687,418	\$2,215,732	\$1,782,156	\$1,702,726	\$1,704,971	\$1,867,834	\$2,573,990	\$4,287,863	\$5,677,861	\$43,145,983	\$11,847,409	\$31,298,574
75	Total All	\$15,240,411	\$13,196,456	\$11,627,817	\$7,959,500	\$4,976,409	\$3,931,438	\$3,739,941	\$3,703,216	\$4,095,050	\$5,778,163	\$9,389,455	\$12,915,288	\$96,553,144	\$26,224,216	\$70,328,928
	Check													\$96,553,144	\$26,224,216	\$70,328,928

Normalized TY Revenues at Current Rates Base Revenue Per Customer

Una		1 00	F-1-00	M 00	4 00		00	Jul-22	4	0 00	0-4-00	N 00	D 00
Line		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22		Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
1	R-1	\$31.49	\$30.80	\$28.25	\$24.96	\$21.53	\$20.63	\$19.64	\$19.41	\$20.27	\$22.81	\$26.88	\$31.49
2	R-3	\$104.08	\$99.83	\$77.75	\$53.18	\$31.88	\$25.58	\$23.49	\$23.09	\$26.52	\$37.79	\$64.52	\$88.95
3	R-4	\$55.13	\$52.80	\$42.11	\$29.19	\$32.05	\$25.81	\$23.79	\$23.13	\$25.54	\$34.12	\$30.21	\$41.31
4	Total Resid.	\$97.57	\$93.61	\$73.16	\$50.31	\$31.51	\$25.41	\$23.38	\$22.97	\$26.22	\$36.95	\$60.51	\$83.21
5	G-41	\$253.08	\$242.13	\$192.17	\$136.58	\$88.29	\$74.20	\$70.77	\$70.20	\$77.17	\$98.57	\$161.99	\$217.22
6	G-42	\$1,701.60	\$1,634.82	\$1,296.74	\$898.46	\$485.41	\$350.19	\$309.16	\$309.39	\$392.11	\$611.14	\$1,097.09	\$1,463.56
7	G-43	\$9,964.89	\$9,384.57	\$7,787.07	\$5,600.97	\$1,934.30	\$1,549.77	\$1,384.79	\$1,430.91	\$1,624.56	\$2,534.15	\$6,544.03	\$8,364.91
8	G-51	\$146.20	\$141.47	\$129.94	\$117.90	\$107.46	\$107.89	\$103.70	\$101.36	\$105.82	\$118.53	\$124.68	\$136.69
9	G-52	\$738.64	\$700.02	\$637.46	\$562.25	\$400.16	\$401.15	\$380.82	\$382.08	\$393.26	\$436.03	\$588.48	\$659.64
10	G-53	\$6,942.57	\$6,450.90	\$5,929.00	\$4,923.04	\$2,475.74	\$2,662.15	\$2,378.35	\$2,449.84	\$2,545.23	\$2,887.12	\$5,530.13	\$6,267.70
11	G-54	\$4,154.00	\$3,813.81	\$3,978.58	\$4,494.28	\$2,686.50	\$2,821.81	\$2,811.63	\$3,137.95	\$2,798.18	\$3,275.13	\$4,192.23	\$3,430.07
12	Total C/I	\$494.92	\$472.53	\$384.67	\$282.95	\$166.46	\$140.18	\$130.69	\$131.40	\$147.63	\$196.62	\$333.13	\$425.66
13	Total All	\$150.49	\$144.13	\$114.71	\$81.26	\$49.31	\$40.41	\$37.34	\$37.04	\$41.95	\$57.90	\$96.61	\$128.74

14 Base Fixed Revenue Per Customer

		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
15	R-1	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39
16	R-3	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39
17	R-4	\$8.47	\$8.47	\$8.47	\$8.47	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$8.47	\$8.47
18	Total Resid.	\$14.90	\$14.90	\$14.90	\$14.90	\$15.41	\$15.41	\$15.41	\$15.41	\$15.41	\$15.41	\$14.90	\$14.90
19	G-41	\$60.81	\$60.81	\$60.81	\$60.81	\$60.81	\$60.81	\$60.81	\$60.81	\$60.81	\$60.81	\$60.81	\$60.81
20	G-42	\$182.42	\$182.42	\$182.42	\$182.42	\$182.42	\$182.42	\$182.42	\$182.42	\$182.42	\$182.42	\$182.42	\$182.42
21	G-43	\$781.17	\$781.17	\$781.17	\$781.17	\$781.17	\$781.17	\$781.17	\$781.17	\$781.17	\$781.17	\$781.17	\$781.17
22	G-51	\$60.87	\$60.87	\$60.87	\$60.87	\$60.87	\$60.87	\$60.87	\$60.87	\$60.87	\$60.87	\$60.87	\$60.87
23	G-52	\$182.26	\$182.26	\$182.26	\$182.26	\$182.26	\$182.26	\$182.26	\$182.26	\$182.26	\$182.26	\$182.26	\$182.26
24	G-53	\$805.75	\$805.75	\$805.75	\$805.75	\$805.75	\$805.75	\$805.75	\$805.75	\$805.75	\$805.75	\$805.75	\$805.75
25	G-54	\$806.42	\$806.42	\$806.42	\$806.42	\$806.42	\$806.42	\$806.42	\$806.42	\$806.42	\$806.42	\$806.42	\$806.42
26	Total C/I	\$85.43	\$85.42	\$85.38	\$85.50	\$85.74	\$86.03	\$86.23	\$86.30	\$86.37	\$85.92	\$85.74	\$85.33
27	Total All	\$24.30	\$24.31	\$24.31	\$24.30	\$24.69	\$24.64	\$24.62	\$24.61	\$24.61	\$24.66	\$24.28	\$24.27

Base Variable Revenue Per Customer

		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
29	R-1	\$16.10	\$15.41	\$12.86	\$9.57	\$6.14	\$5.24	\$4.25	\$4.02	\$4.88	\$7.42	\$11.49	\$16.10
30	R-3	\$88.69	\$84.43	\$62.36	\$37.79	\$16.49	\$10.18	\$8.10	\$7.70	\$11.12	\$22.40	\$49.12	\$73.56
31	R-4	\$46.66	\$44.34	\$33.65	\$20.73	\$16.65	\$10.41	\$8.40	\$7.74	\$10.14	\$18.73	\$21.74	\$32.85
32	Total Resid.	\$37.26	\$34.94	\$25.82	\$17.26	\$8.84	\$5.04	\$4.45	\$4.21	\$5.38	\$11.76	\$24.49	\$37.73
33	G-41	\$192.27	\$181.31	\$131.35	\$75.77	\$27.47	\$13.39	\$9.96	\$9.38	\$16.36	\$37.76	\$101.17	\$156.41
34	G-42	\$1,519.18	\$1,452.40	\$1,114.32	\$716.04	\$302.99	\$167.77	\$126.74	\$126.97	\$209.69	\$428.72	\$914.67	\$1,281.14
35	G-43	\$9,183.72	\$8,603.40	\$7,005.90	\$4,819.80	\$1,153.13	\$768.60	\$603.62	\$649.75	\$843.39	\$1,752.99	\$5,762.86	\$7,583.74
36	G-51	\$85.33	\$80.60	\$69.07	\$57.03	\$46.58	\$47.02	\$42.83	\$40.49	\$44.95	\$57.66	\$63.81	\$75.82
37	G-52	\$556.37	\$517.75	\$455.19	\$379.99	\$217.90	\$218.89	\$198.56	\$199.82	\$211.00	\$253.77	\$406.22	\$477.37
38	G-53	\$6,136.82	\$5,645.15	\$5,123.25	\$4,117.28	\$1,669.98	\$1,856.40	\$1,572.60	\$1,644.08	\$1,739.47	\$2,081.36	\$4,724.37	\$5,461.94
39	G-54	\$3,347.58	\$3,007.39	\$3,172.16	\$3,687.87	\$1,880.08	\$2,015.39	\$2,005.21	\$2,331.53	\$1,991.76	\$2,468.71	\$3,385.82	\$2,623.65
40	Total C/I	\$409.49	\$387.11	\$299.28	\$197.45	\$80.73	\$54.14	\$44.47	\$45.10	\$61.27	\$110.70	\$247.39	\$340.33
41	Total All	\$126.20	\$119.83	\$90.40	\$56.96	\$24.62	\$15.77	\$12.71	\$12.43	\$17.34	\$33.24	\$72.33	\$104.47

Normalized TY Revenues at Current Rates Base Variable Revenue Per Therm

Line			Jan-22	- 1	Feb-22		Mar-22		Apr-22		May-22		Jun-22		Jul-22		Aug-22		Sep-22		Oct-22		Nov-22		Dec-22
1	R-1	\$	0.46140	\$	0.46140	\$	0.46140	\$	0.46140	\$	0.46140	\$	0.46140	\$	0.46140	\$	0.46140	\$	0.46140	\$	0.46140	\$	0.46140	\$	0.46140
2	R-3	\$	0.61670	\$	0.61670	\$	0.61670	\$	0.61670	\$	0.61670	\$	0.61670	\$	0.61670	\$	0.61670	\$	0.61670	\$	0.61670	\$	0.61670	\$	0.61670
3	R-4	\$	0.33920	\$	0.33920	\$	0.33920	\$	0.33920	\$	0.61670	\$	0.61670	\$	0.61670	\$	0.61670	\$	0.61670	\$	0.61670	\$	0.33920	\$	0.33920
4	Total Resid.	\$	0.59550	\$	0.59557	\$	0.59488	\$	0.59417	\$	0.61424	\$	0.61295	\$	0.61292	\$	0.61294	\$	0.61348	\$	0.61443	\$	0.59805	\$	0.59812
5	G-41	\$	0.36755	\$	0.36623	\$	0.37463	\$	0.38678	\$	0.37991	\$	0.37233	\$	0.37573	\$	0.37736	\$	0.37115	\$	0.36140	\$	0.38067	\$	0.37117
6	G-42	\$	0.33971	\$	0.33813	\$	0.34862	\$	0.36447	\$	0.37003	\$	0.37682	\$	0.38106	\$	0.38078	\$	0.36762	\$	0.34912	\$	0.35560	\$	0.34442
7	G-43	\$	0.27660	\$	0.27660	\$	0.27660	\$	0.27660	\$	0.13440	\$	0.13440	\$	0.13440	\$	0.13440	\$	0.13440	\$	0.13440	\$	0.27660	\$	0.27660
8	G-51	\$	0.21697	\$	0.21642	\$	0.21953	\$	0.22359	\$	0.22753	\$	0.22933	\$	0.23031	\$	0.23256	\$	0.22901	\$	0.22409	\$	0.22061	\$	0.21852
9	G-52	\$	0.20536	\$	0.20473	\$	0.20917	\$	0.21517	\$	0.15571	\$	0.15835	\$	0.16053	\$	0.16031	\$	0.15734	\$	0.15351	\$	0.21203	\$	0.20864
10	G-53	\$	0.17900	\$	0.17900	\$	0.17900	\$	0.17900	\$	0.09070	\$	0.09070	\$	0.09070	\$	0.09070	\$	0.09070	\$	0.09070	\$	0.17900	\$	0.17900
11	G-54	\$	0.06820	\$	0.06820	\$	0.06820	\$	0.06820	\$	0.03860	\$	0.03860	\$	0.03860	\$	0.03860	\$	0.03860	\$	0.03860	\$	0.06820	\$	0.06820
12	Total C/I	\$	0.29822	\$	0.29865	\$	0.29474	\$	0.27886	\$	0.19861	\$	0.15985	\$	0.14895	\$	0.14101	\$	0.17161	\$	0.20012	\$	0.28878	\$	0.30189
13	Total All	s	0.41619	s	0.41699	s	0.41036	s	0.39053	s	0.32244	s	0.26979	s	0.25356	s	0.23791	s	0.28153	s	0.32261	s	0.40270	s	0.41973

14 Use Per Customer

		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22
15	R-1	34.9	33.4	27.9	20.7	13.3	11.4	9.2	8.7	10.6	16.1	24.9	34.9
16	R-3	143.8	136.9	101.1	61.3	26.7	16.5	13.1	12.5	18.0	36.3	79.7	119.3
17	R-4	137.6	130.7	99.2	61.1	27.0	16.9	13.6	12.6	16.4	30.4	64.1	96.8
18	Total Resid.	138.8	132.1	97.9	59.6	26.2	16.3	13.0	12.3	17.6	35.1	76.3	114.2
19	G-41	523.1	495.1	350.6	195.9	72.3	36.0	26.5	24.9	44.1	104.5	265.8	421.4
20	G-42	4,472.0	4,295.4	3,196.4	1,964.6	818.8	445.2	332.6	333.5	570.4	1,228.0	2,572.2	3,719.7
21	G-43	33,202.2	31,104.1	25,328.6	17,425.1	8,579.9	5,718.8	4,491.2	4,834.4	6,275.2	13,043.0	20,834.6	27,417.7
22	G-51	393.3	372.4	314.6	255.1	204.7	205.0	186.0	174.1	196.3	257.3	289.2	347.0
23	G-52	2,709.3	2,529.0	2,176.2	1,766.0	1,399.4	1,382.3	1,236.9	1,246.5	1,341.0	1,653.1	1,915.9	2,288.0
24	G-53	34,283.9	31,537.2	28,621.5	23,001.6	18,412.2	20,467.5	17,338.5	18,126.6	19,178.3	22,947.8	26,393.1	30,513.7
25	G-54	49,084.7	44,096.6	46,512.6	54,074.3	48,706.8	52,212.3	51,948.4	60,402.4	51,600.0	63,956.2	49,645.4	38,469.9
26	G-63	-	-	-	-	-	-	-	-	-	-	-	-
27	Total C/I	1,373.1	1,296.2	1,015.4	708.1	406.5	338.7	298.5	319.8	357.0	553.2	856.7	1,127.3
28	Total All	303.2	287.4	220.3	145.9	76.4	58.4	50.1	52.2	61.6	103.0	179.6	248.9
29	Check	0	0	0	0	0	0	0	0	0	0	0	0

TARGET REVENUE BY CLASS - PERMANENT RATES

Line 1 2 3 4 5 6 7 8 9 10 11 12

1 RESIDENTIAL AND C&I TARGET REVENUE

_		Source
2	TY Total System Target Revenue	\$121,252,410 RR-EN-2
3	Residential Target Revenue @ Full MCOS %	\$69,171,474 Residential % From MCOS x Total Target Revenue
4	Res. % of Full MCOS Needed for Equal Rev. % Change for all classes	96.9609% [Res. TY Norm. Rev. x (1+ System Avg Increase)] / Res Rev. @ Full MCOS
5	Residential % of Full MCOS Used For Model	98.5000% Manual Input
6	Residential Target Revenue @ 98.5% of Full MCOS	\$68,133,902 Total Target Rev. X 98.5%
7	C&I Target Revenue	\$53,118,508 Total Target Rev. less Residential Target Revenue

8 INTRA RESIENTIAL AND INTRA C&I TARGET REVENUE ALLOCATION

9	Intra Res. Allocation (R-1/R-5 vs. R-3/R-4/R6/R-7) Method:	Residential share of normalized test year revenues @ current rates	
10	Intra C&I Allocation Method:	C&I share of normalized test year revenues @ current rates	

11 CUSTOMER/VOLUMETRIC ALLOCATION

12 Method: Customer Allocation % = 90% of Customer % from normalized test year revenues @ current rates

13 CUSTOMER AND ENERGY TARGET REVENUE BY CLASS

14	Class Target Revenue Results											
15	Class Revenue	Norm. TY Revs @ Stated Current Rates (Eff. 8/1/23)	Target Revenues @ Full MCOS	Initial Proposed Class Target	Target Revenue Adjustments	Proposed Class Target Revenue	Class Revenue	Class Revenue %	Customer	Volumetric Allocation	Customer Target	Volumetric (Energy) Target
16	Residential	(EII. 8/1/23)	Full MCOS	Revenue	Adjustments	Target Kevenue	Incr/(Decr)	Increase	Allocation	Allocation	Revenue	Revenue
17	R-1/R-5	\$1,053,354	\$1,831,227	\$1,343,811		\$1,343,811	\$290,457	27.57%	55.5%	44.5%	\$746,097	\$597,714
18	R-3/R-4/R6/R-7	\$52,353,807	\$67,340,247	\$66,790,091		\$66,790,091	\$14,436,284	27.57%	25.7%	74.3%	\$17,168,925	\$49,621,166
19	Total Residential	\$53,407,161	\$69,171,474	\$68,133,902	\$0		\$14,726,741	27.57%	25.170	74.570	\$17,915,022	\$50,218,880
.,	Total Residential	\$55,107,101	002,171,171	900,133,702	40	000,133,702	911,720,711	27.5770			W17,515,022	\$50,210,000
20	C&I											
21	G-41/G-44	\$16,380,339	\$17,774,399	\$20,166,400		\$20,166,400	\$3,786,061	23.11%	38.9%	61.1%	\$7,842,842	\$12,323,558
22	G-42/G-45	\$15,647,893	\$17,240,854	\$19,264,660		\$19,264,660	\$3,616,768	23.11%	18.7%	81.3%	\$3,605,082	\$15,659,578
23	G-43/G-46	\$3,739,454	\$4,764,591	\$4,603,770		\$4,603,770	\$864,317	23.11%	14.6%	85.4%	\$672,788	\$3,930,983
24	G-51/G-55	\$1,871,369	\$1,966,298	\$2,303,906		\$2,303,906	\$432,538	23.11%	45.7%	54.3%	\$1,052,582	\$1,251,324
25	G-52/G-56	\$2,598,462	\$3,169,215	\$3,199,056		\$3,199,056	\$600,594	23.11%	31.4%	68.6%	\$1,005,551	\$2,193,505
26	G-53/G-57	\$1,767,887	\$3,932,244	\$2,176,506		\$2,176,506	\$408,620	23.11%	17.0%	83.0%	\$369,612	
27	G-54/G-58	\$1,140,581	\$3,233,335	\$1,404,208		\$1,404,208	\$263,628	23.11%	21.4%	78.6%	\$300,566	\$1,103,643
28	Total C&I	\$43,145,983	\$52,080,936	\$53,118,508	\$0	\$53,118,508	\$9,972,525	23.11%			\$14,849,022	\$38,269,486
29	Total Revenue	\$96,553,144	\$121,252,410	\$121,252,410	\$0	\$121,252,410	\$24,699,266	25.58%			\$32,764,044	\$88,488,366
30	System Avg increase %						25.58%					
31	Class Revenue Proportion											
32	Residential											
33	R-1/R-5	1.09%	1.51%	1.11%		1.11%	1.18%				2.28%	0.68%
34	R-3/R-4/R6/R-7	54.22%	55.54%	55.08%		55.08%	58.45%				52.40%	56.08%
35	Total Residential	55.31%	57.05%	56.19%	0.00%	56.19%	59.62%				54.68%	56.75%
36	<u>C&I</u>											
37	G-41/G-44	16.97%	14.66%	16.63%		16.63%	15.33%				23.94%	13.93%
38	G-42/G-45	16.21%	14.22%	15.89%		15.89%	14.64%				11.00%	17.70%
39	G-43/G-46	3.87%	3.93%	3.80%		3.80%	3.50%				2.05%	4.44%
40	G-51/G-55	1.94%	1.62%	1.90%		1.90%	1.75%				3.21%	1.41%
41	G-52/G-56	2.69%	2.61%	2.64%		2.64%	2.43%				3.07%	2.48%
42	G-53/G-57	1.83%	3.24%	1.80%		1.80%	1.65%				1.13%	2.04%
43	G-54/G-58	1.18%	2.67%	1.16%		1.16%	1.07%				0.92%	1.25%
44	Total C&I	44.69%	42.95%	43.81%	0.00%	43.81%	40.38%				45.32%	43.25%
45	Total Proportion	100.00%	100.00%	100.00%	0.00%	100.00%	100.00%				100.00%	100.00%

	PROPOSED PERMANENT RATE CALCULATION																								
	1	<u>2</u> <u>3</u>	4	<u>5</u>	<u>6</u>	7 R-1/R-5	8 R-1/R-5	9 R-3/R-4/R6/R-7	10 R-3/R-4/R6/R-7 R	11	12	13 G-41/G-44	14 G-41/G-44	<u>15</u> G-42/G-45	<u>16</u> G-42/G-45	<u>17</u> G-43/G-46	<u>18</u> G-43/G-46	<u>19</u> G-51/G-55	20 G-51/G-55	21 G-52/G-56	22 G-52/G-56	23 G-53/G-57	24 G-53/G-57	25 G-54/G-58	26 3-54/G-58
						R-1/R-5 R-1	R-1/R-5 R-5 MEP	R-3/R-4/R6/R-7 F	R-6	R-4	R-7	G-41/G-44 G-41	G-44	G-42/G-45 G-42	G-45	G-43/G-46 G-43	G-46	G-51/G-55 G-51	G-55	G-52/G-56 G-52	G-56	G-53/G-57 G-53	G-53/G-57 G-57 MED	G-54/G-58 G	G-58
Line 1	Rate Differentials - Undiscounted R4/R7 - Current	Rates (Eff. 8/1/23)	Total System	Total Residential	Total C&I		MEP		MEP		MEP		MEP		MEP		MEP		MEP		MEP		MEP		MEP
2	Customer-Summer	Summer				1.00	1.30	1.00	1.30	1.00	1.30	1.00	1.30	1.00	1.30	1.00	1.30	1.00	1.30	1.00	1.30	1.00	1.30	1.00	1.30
3		Winter	R	4 = R3. R7 = 1.3x R-4		1.00	1.30	1.00	1.30	1.00	1.30	1.00	1.30	1.00	1.30	1.00	1.30	1.00	1.30	1.00	1.30	1.00	1.30	1.00	1.30
4	Energy-Summer-HB	Summer										1.00	1.30	1.00	1.30			1.00	1.30 0.87	0.74	0.96				
6	Energy-Summer-All Block	Summer Summer				1.00	1.30	1.00	1.30	1.00	1.30	0.69	0.89	0.68	0.89	0.49	0.63			0.44	0.57	0.51	0.66	0.57	0.74
7 8	Energy-Winter-TB	Winter Winter										1.00 0.69	1.30 0.89	1.00 0.68	1.30 0.89			1.00 0.67	1.30 0.87	1.00 0.68	1.30 0.89				
9	Energy-Winter-All Block	Winter	R	4 = R3. R7 = 1.3x R-4		1.00	1.30	1.00	1.30	1.00	1.30					1.00	1.30					1.00	1.30	1.00	1.30
10	Billing Determinants (Cal. and Wthr. Normalized)																								
11 12	Customer - Winter	Summer Winter	595,757 589,655	517,986 511,195	77,771 78,460	20,647 20,393	457 453	459,694 450,699	1,998 1,958	35,157 37,653	33 40	57,565 58,575	98 95	8,911 8,798	49 48	392 385	0	7,844 7,700	24 24	2,503 2,461	6	209 205	0	163 158	6
13	Total Customer Bills		1,185,412	1,029,181	156,231	41,040	910	910,393	3,956	72,810	73	116,140	192	17,709	98	777	0	15,543	48	4,963	12	414	0	321	12
14 15		Summer Summer	5,443,293 8.162,114		5,443,293 8,162,114							617,830 2.355,796	583 1.635	2,309,680 3,239,788	14,367 14.094			488,995 1,109,863	1,348 1,496	2,005,716 1,439,441	4,774				
16 17	Energy-Summer-All Block	Summer Winter	26,324,394 15.934.875	10,415,362	15,909,032 15,934,875	238,100	5,045	9,442,011	33,270	696,516	420	4.758.870	6,773	8.298.460	47 350	2,804,423	-	529 308	1,285	2.286.869	5 961	4,060,028	-	8,924,375	120,206
18	Energy-Winter-TB	Winter Winter	43,950,925 76,176,467	52 696 227	43,950,925			48 195 402	180 394	3 694 601		17,222,207	22,880	21,315,736	184,754	9 961 467		1,999,917	3,454	3,200,159	1,817	5 955 665		7 416 858	
19 20	Energy-Winter-All Block Total Energy Therms	Winter	76,176,467 175,992,068	52,696,227 63,111,589	23,480,239 112,880,480	600,928 839,028	22,314 27,359	48,195,402 57,637,414	180,394 213,664	3,694,601 4,391,117	2,588 3,008	24,954,703	31,872	35,163,664	260,565	9,961,467 12,765,890	- 0	4,128,084	7,583	8,932,185	12,552	10,015,693	- 0	7,416,858 16,341,233	146,250 266,456
21	Proposed Rates (Undiscounted R4/R7, Unrounded	<u>d)</u>																							
22	CUSTOMER CHARGE RATE																								
23 24	Customer Target Revenue (From RATES-3) Base Rate Coefficient (sum of # bills x rate difference)	entials)				\$746,097 42,223		\$17,168,925 988,440				\$7,842,842 116,391		\$3,605,082 17,836		\$672,788 777		\$1,052,582 15,606		\$1,005,551 4,979		\$369,612 414		\$300,566 336	
25		Summer				\$17.67	\$22.97	\$17.37	\$22.58	\$17.37	\$22.58	\$67.38	\$87.60	\$202.13	\$262.76	\$865.55	\$1,125.22	\$67.45	\$87.68	\$201.95	\$262.54	\$892.79	\$1,160.63	\$893.53	\$1,161.59
26		Winter	Base Rate (di	ifferential of 1) = Line 2:	3 / Line 24	\$17.67	\$22.97	\$17.37	\$22.58	\$17.37	\$22.58	\$67.38	\$87.60	\$202.13	\$262.76	\$865.55	\$1,125.22	\$67.45	\$87.68	\$201.95	\$262.54	\$892.79	\$1,160.63	\$893.53	\$1,161.59
27 28	ENERGY CHARGE RATE Energy Target Revenue (From RATES-3)					\$597,714		\$49,621,166				\$12,323,558		\$15,659,578		\$3,930,983		\$1,251,324		\$2,193,505		\$1,806,895		\$1,103,643	
29 30	Base Rate Coefficient (HB/TB) (sum of therms x I Base Rate Coefficient (All Block) (sum of therms x					874.594		62,310,204				18,876,010		27,634,941		11.324.137		3,102,350		6,605,244		8.012.897		12.746.467	
31		Summer										\$0.6529	\$0.8487	\$0.5667	\$0.7367			\$0.4033	\$0.5244	\$0.2453	\$0.3189				
32 33	Energy - Summer - TB	Summer Summer				\$0.6834	\$0.8884	\$0.7964	\$1.0353	\$0.7964	\$1.0353	\$0.4491	\$0.5838	\$0.3870	\$0.5031	\$0.1687	\$0.2193	\$0.2693	\$0.3501	\$0.1468	\$0.1909	\$0.1143	\$0.1485	\$0.0490	\$0.0637
34	Energy - Winter - HB	Winter				\$0.0034	\$0.0004	\$0.7964	\$1.0333	\$0.7904	\$1.0353	\$0.6529	\$0.8487	\$0.5667	\$0.7367	\$0.1007	\$0.2193	\$0.4033	\$0.5244	\$0.3321	\$0.4317	\$0.1143	\$0.1465	\$0.0490	\$0.0637
35 36		Winter Winter	Base Rate (differen	ntial of 1) = Line 28 / Lin	ne 30 or Line 29	\$0.6834	\$0.8884	\$0.7964	\$1.0353	\$0.7964	\$1.0353	\$0.4491	\$0.5838	\$0.3870	\$0.5031	\$0.3471	\$0.4513	\$0.2693	\$0.3501	\$0.2269	\$0.2949	\$0.2255	\$0.2931	\$0.0866	\$0.1126
37	Revenue Check (Undiscounted R4/R7 Rates, Unro	ounded)																							
38	CUSTOMER CHARGE																								
39 40	Customer-Summer Customer-Winter		16,435,606 16,328,438	9,016,620 8,898,402	7,418,987 7,430,036	\$364,846 \$360,348	\$10,502 \$10,401	\$7,984,751 \$7,828,514	\$45,111 \$44,210	\$610,673 \$654,021	\$736 \$909	\$3,878,948 \$3,947,035	\$8,571 \$8,288	\$1,801,175 \$1,778,229	\$12,996 \$12,683	\$339,476 \$333,311	\$0 \$0	\$529,025 \$519,311	\$2,142 \$2,104	\$505,424 \$496,913	\$1,622 \$1,591	\$186,799 \$182,812	\$0 \$0	\$145,657 \$140,813	\$7,152 \$6,944
41	Total Customer Charge Revenues		\$32,764,044 \$32,764,044	\$17,915,022 \$17,915,022	\$14,849,022 \$14,849,022	\$725,194	\$20,903	\$15,813,265	\$89,321	\$1,264,693	\$1,645	\$7,825,983	\$16,859	\$3,579,403	\$25,679	\$672,788	\$0	\$1,048,336	\$4,247	\$1,002,337	\$3,213	\$369,612	\$0	\$286,469	\$14,096
42	ENERGY CHARGE																								
43 44	Energy-Summer-HB Energy-Summer-TB		2,414,711 2.830.636		2,414,711 2.830.636							\$403,362 \$1.058.017	\$495 \$955	\$1,308,800 \$1,253,784	\$10,583 \$7.091			\$197,235 \$298.892	\$707 \$524	\$492,006 \$211.373	\$1,522 \$0				
45 46	Energy-Summer-All Block Energy-Winter-HB		9,657,897 8,826,119	8,275,969	1,381,928 8,826,119	\$162,722	\$4,482	\$7,519,212	\$34,443	\$554,675	\$434	\$3.106.917	\$5.749	\$4,702,394	\$34.880	\$473,028	\$0	\$213,495	\$674	\$759,436	\$2,573	\$463,902	\$0	\$437,340	\$7,658
47 48	Energy-Winter-TB		17,356,500 47,402,503	41,942,911	17,356,500 5,459,592	£440.00E	\$19,824	\$38,380,746	\$186,756	\$2,942,221	60.600	\$7,734,704	\$13,358	\$8,249,097	\$92,949	\$3,457,955	20	\$538,589	\$1,209	\$726,058	\$536	\$1,342,992	eo	\$642.183	646.460
48 49	Energy-Winter-All Block Total Energy Charge Revenues		\$88,488,366 \$88,488,366	\$50,218,880 \$50,218,880	\$38,269,486 \$38,269,486	\$410,685 \$573,407	\$19,824	\$45,899,957	\$221,199	\$3,496,896	\$2,680 \$3,114	\$12,303,001	\$20,557	\$15,514,075	\$145,503	\$3,930,983	\$0	\$1,248,211	\$3,113	\$2,188,874	\$4,632	\$1,806,895	\$0	\$1,079,523	\$16,462 \$24,120
50	Total System Revenues		\$121,252,410	\$68,133,902	\$53,118,508	\$1,298,601	\$45,210	\$61,713,222	\$310,520	\$4,761,590	\$4,759	\$20,128,984	\$37,416	\$19,093,478	\$171,182	\$4,603,770	\$0	\$2,296,546	\$7,360	\$3,191,211	\$7,845	\$2,176,506	\$0	\$1,365,992	\$38,216
51 52	Check Check		\$121,252,410 \$0	\$68,133,902 \$0	\$53,118,508 \$0																		*		
			\$0	30	\$0																				

	<u>1</u> <u>2</u> <u>3</u>	4	<u>5</u>	<u>6</u>	<u>7</u>	8	9	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	22	<u>23</u>	24	25	26
		Total System	Total Residential	Total C&I	R-1/R-5 R-1	R-1/R-5 R-5 MEP	R-3/R-4/R6/R-7 F R-3	R-3/R-4/R6/R-7 R R-6 MEP	-3/R-4/R6/R-7 R-3 R-4	3/R-4/R6/R-7 R-7 MEP	G-41/G-44 G-41	G-41/G-44 G-44 MEP	G-42/G-45 G-42	G-42/G-45 G-45 MEP	G-43/G-46 G-43	G-43/G-46 G-46 MEP	G-51/G-55 G-51	G-51/G-55 G-55 MEP	G-52/G-56 G-52	G-52/G-56 G-56 MEP	G-53/G-57 G-53	G-53/G-57 G-57 MEP	G-54/G-58 G-54	G-54/G-58 G-58 MEP
Line 53		Total System	Total Residential	Total C&I		MEP		MEP		MEP		MEP		MEP		MEP		MEP		MEP		MEP		MEP
53	Rates (Undiscounted R4/R7, Rounded) CUSTOMER CHARGE RATE																							
55 56	Customer - Summer Customer - Winter Winter				\$17.67 \$17.67	\$22.97 \$22.97	\$17.37 \$17.37	\$22.58 \$22.58	\$17.37 \$17.37	\$22.58 \$22.58	\$67.38 \$67.38	\$87.59 \$87.59	\$202.13 \$202.13	\$262.77 \$262.77	\$865.55 \$865.55	\$1,125.22 \$1,125.22	\$67.45 \$67.45	\$87.69 \$87.69	\$201.95 \$201.95	\$262.54 \$262.54	\$892.79 \$892.79	\$1,160.63 \$1,160.63	\$893.53 \$893.53	\$1,161.59 \$1,161.59
57	ENERGY CHARGE RATE																							
58 59 60 61 62 63	Energy - Summer - HB Summer Energy - Summer - TB Summer Energy - Summer - All Block Summer Energy - Winter - HB Winter Energy - Winter - TB Winter - TB Energy - Winter - All Block Winter				\$0.6834 \$0.6834	\$0.8884 \$0.8884	\$0.7964 \$0.7964	\$1.0353 \$1.0353	\$0.7964 \$0.7964	\$1.0353 \$1.0353	\$0.6529 \$0.4491 \$0.6529 \$0.4491	\$0.8488 \$0.5838 \$0.8488 \$0.5838	\$0.5667 \$0.3870 \$0.5667 \$0.3870	\$0.7367 \$0.5031 \$0.7367 \$0.5031	\$0.1687 \$0.3471	\$0.2193 \$0.4512	\$0.4033 \$0.2693 \$0.4033 \$0.2693	\$0.5243 \$0.3501 \$0.5243 \$0.3501	\$0.2453 \$0.1468 \$0.3321 \$0.2269	\$0.3189 \$0.1908 \$0.4317 \$0.2950	\$0.1143 \$0.2255	\$0.1486 \$0.2932	\$0.0490 \$0.0866	\$0.0637 \$0.1126
64	Revenues (Undiscounted R4/R7 Rates, Rounded)																							
65 66 67 68	CUSTOMER CHARGE Customer-Summer Customer-Winter Total Customer-Charge Revenues	16,435,573 16,328,398 \$32,763,971 \$32,764,044	9,016,747 8,898,528 \$17,915,275 \$17,915,022	7,418,826 7,429,870 \$14,848,696 \$14,849,022	\$364,838 \$360,339 \$725,177	\$10,501 \$10,400 \$20,902	\$7,984,879 \$7,828,639 \$15,813,519	\$45,110 \$44,209 \$89,319	\$610,683 \$654,031 \$1,264,714	\$736 \$909 \$1,645	\$3,878,726 \$3,946,809 \$7,825,535	\$8,570 \$8,287 \$16,857	\$1,801,209 \$1,778,263 \$3,579,472	\$12,996 \$12,683 \$25,679	\$339,476 \$333,310 \$672,786	\$0 \$0 \$0	\$529,057 \$519,343 \$1,048,399	\$2,143 \$2,105 \$4,247	\$505,420 \$496,909 \$1,002,330	\$1,622 \$1,592 \$3,213	\$186,799 \$182,812 \$369,611	\$0 \$0 \$0	\$145,657 \$140,813 \$286,469	\$7,152 \$6,944 \$14,096
69 70 71 72 73 74 75 76	ENERGY CHARGE Energy-Summer-HB Energy-Summer-HB Energy-Summer-TB Energy-Summer-Al Block Energy-Winter-HB Energy-Winter-HB Energy-Winter-TB Energy-Winter-TB Energy-Winter-Al Block Total Energy Charge Revenues	2,414,799 2,830,551 9,658,520 8,826,621 17,356,429 47,404,533 \$88,491,454	8,276,401 41,945,138 \$50,221,539	2,414,799 2,830,551 1,382,119 8,826,621 17,356,429 5,459,395 \$38,269,915	\$162,718 \$410,674 \$573,392	\$4,482 \$19,823 \$24,306	\$7,519,618 \$38,382,819 \$45,902,436	\$34,444 \$186,762 \$221,206	\$554,705 \$2,942,380 \$3,497,085	\$434 \$2,680 \$3,114	\$403,381 \$1,057,988 \$3,107,066 \$7,734,493 \$12,302,929	\$495 \$954 \$5,749 \$13,357 \$20,556	\$1,308,896 \$1,253,798 \$4,702,737 \$8,249,190 \$15,514,621	\$10,584 \$7,091 \$34,883 \$92,950 \$145,507	\$473,106 \$3,457,625 \$3,930,731	\$0 \$0	\$197,212 \$298,886 \$213,470 \$538,578 \$1,248,146	\$707 \$524 \$674 \$1,209	\$492,002 \$211,310 \$759,469 \$726,116 \$2,188,897	\$1,522 \$0 \$2,573 \$536	\$464,061 \$1,343,002 \$1,807,064	\$0 \$0	\$437,294 \$642,300 \$1,079,594	\$7,657 \$16,468 \$24,125
77	Check	\$88,488,366	\$50,218,880	\$38,269,486	\$313,382	\$24,300	\$40,002,400	\$221,200	\$3,451,003	\$3,114	\$12,302,828	\$20,550	\$10,014,021	\$140,007	\$3,830,731	40	\$1,240,140	\$3,113	\$2,100,037	94,032	\$1,007,004	40	\$1,075,354	924,123
78 79 80	Total System Revenues Check Check	\$121,255,425 \$121,252,410 -\$3,015	\$68,136,814 \$68,133,902 -\$2,912	\$53,118,611 \$53,118,508 -\$103	\$1,298,569	\$45,207	\$61,715,955	\$310,525	\$4,761,799	\$4,759	\$20,128,464	\$37,414	\$19,094,093	\$171,187	\$4,603,517	\$0	\$2,296,545	\$7,361	\$3,191,227	\$7,845	\$2,176,674	\$0	\$1,366,064	\$38,221
												l l		ı				ı				l l		
					R-1/R-5 R-1	R-1/R-5 R-5	R-3/R-4/R6/R-7 F R-3	R-6	3/R-4/R6/R-7 R-3 R-4	R-7	G-41/G-44 G-41	G-41/G-44 G-44	G-42/G-45 G-42	G-42/G-45 G-45	G-43/G-46 G-43	G-43/G-46 G-46	G-51/G-55 G-51	G-51/G-55 G-55	G-52/G-56 G-52	G-52/G-56 G-56	G-53/G-57 G-53	G-53/G-57 G-57	G-54/G-58 G-54	G-54/G-58 G-58
81	Final Proposed Rates (Discounted R4/R7, Rounded)	Total System	Total Residential	Total C&I																				
81 82	Final Proposed Rates (Discounted R4/R7, Rounded) CUSTOMER CHARGE RATE	Total System	Total Residential	Total C&I		R-5		R-6		R-7		G-44		G-45		G-46		G-55		G-56		G-57		G-58
81 82 83 84			Total Residential 55% x R3. R7 = 1.3x F			R-5		R-6		R-7		G-44		G-45		G-46		G-55		G-56		G-57		G-58
	CUSTOMER CHARGE RATE Customer - Summer Customer - Winter ENERGY CHARGE RATE				R-1	R-5 MEP \$22.97	R-3 \$17.37	R-6 MEP	R-4	R-7 MEP \$22.58	G-41 \$67.38 \$67.38	G-44 MEP \$87.59 \$87.59	\$202.13 \$202.13	G-45 MEP \$262.77 \$262.77	G-43 \$865.55	G-46 MEP \$1,125.22	G-51 \$67.45 \$67.45	G-55 MEP \$87.69 \$87.69	\$201.95 \$201.95	G-56 MEP \$262.54 \$262.54	G-53 \$892.79	G-57 MEP \$1,160.63	G-54 \$893.53	G-58 MEP
83 84 85 86 87 88	CUSTOMER CHARGE RATE Customer - Summer Customer - Winter ENERGY CHARGE RATE Energy - Summer - HB Energy - Summer - TB Energy - Summer - B Energy - Summer - MIBGOCK Summer				R-1	R-5 MEP \$22.97	R-3 \$17.37	R-6 MEP	R-4	R-7 MEP \$22.58	\$67.38 \$67.38 \$67.38	G-44 MEP \$87.59 \$87.59 \$0.8488 \$0.5838	\$202.13 \$202.13 \$0.5667 \$0.3870	G-45 MEP \$262.77 \$262.77 \$0.7367 \$0.5031	G-43 \$865.55	G-46 MEP \$1,125.22	\$67.45 \$67.45 \$67.45 \$0.4033 \$0.2693	\$87.69 \$87.69 \$0.5243 \$0.3501	\$201.95 \$201.95 \$201.95 \$0.2453 \$0.1468	G-56 MEP \$262.54 \$262.54 \$0.3189 \$0.1908	G-53 \$892.79	G-57 MEP \$1,160.63	G-54 \$893.53	G-58 MEP
83 84 85 86 87 88 89	CUSTOMER CHARGE RATE Customer - Summer Customer - Winter ENERGY CHARGE RATE Energy - Summer - HB Energy - Summer - HB Energy - Summer - HB Energy - Winter - TB Energy - Winte	R4 =	55% x R3. R7 = 1.3x F	₹-4	\$17.67 \$17.67 \$0.6834	R-5 MEP \$22.97 \$22.97 \$0.8884	\$17.37 \$17.37 \$0.7964	R-6 MEP \$22.58 \$22.58 \$1.0353	\$17.37 \$9.55	R-7 MEP \$22.58 \$12.42 \$1.0353	\$67.38 \$67.38 \$67.38	G-44 MEP \$87.59 \$87.59	\$202.13 \$202.13	G-45 MEP \$262.77 \$262.77	\$865.55 \$865.55 \$865.55	G-46 MEP \$1,125.22 \$1,125.22	\$67.45 \$67.45 \$0.4033	G-55 MEP \$87.69 \$87.69	\$201.95 \$201.95 \$201.95	G-56 MEP \$262.54 \$0.3189	\$892.79 \$892.79 \$892.79	\$1,160.63 \$1,160.63 \$1,160.63	\$893.53 \$893.53 \$893.63	G-58 MEP \$1,161.59 \$1,161.59 \$0.0637
83 84 85 86 87 88 89 90	CUSTOMER CHARGE RATE Customer - Summer Customer - Winter ENERGY CHARGE RATE Energy - Summer - HB Energy - Summer - HB Energy - Winter - HB Energy - Winte	R4 =		₹-4	\$17.67 \$17.67	R-5 MEP \$22.97 \$22.97	\$17.37 \$17.37	R-6 MEP \$22.58 \$22.58	\$17.37 \$9.55	R-7 MEP \$22.58 \$12.42	\$67.38 \$67.38 \$67.38 \$0.6529 \$0.4491 \$0.6529	\$87.59 \$87.59 \$87.59 \$0.8488 \$0.5838	\$202.13 \$202.13 \$0.5667 \$0.3870	G-45 MEP \$262.77 \$262.77 \$0.7367 \$0.5031	\$865.55 \$865.55	G-46 MEP \$1,125.22 \$1,125.22	\$67.45 \$67.45 \$67.45 \$0.4033 \$0.2693	G-55 MEP \$87.69 \$0.5243 \$0.3501 \$0.5243	\$201.95 \$201.95 \$201.95 \$0.2453 \$0.1468	\$262.54 \$262.54 \$0.3189 \$0.1908	\$892.79 \$892.79	G-57 MEP \$1,160.63 \$1,160.63	\$893.53 \$893.53	G-58 MEP \$1,161.59 \$1,161.59
83 84 85 86 87 88 89 90 91	CUSTOMER CHARGE RATE Customer - Summer Customer - Winter ENERGY CHARGE RATE Energy - Summer - HB Energy - Summer - HB Energy - Summer - HB Energy - Winter - HB Energy - Winter - HB Winter Energy - Winter - HB	R4 =	55% x R3. R7 = 1.3x F	₹-4 ₹-4	\$17.67 \$17.67 \$17.67 \$0.6834	R-5 MEP \$22.97 \$22.97 \$0.8884	R-3 \$17.37 \$17.37 \$0.7964	\$22.58 \$22.58 \$22.58 \$1.0353	\$17,37 \$9.55 \$0.7964 \$0.4380	R-7 MEP \$22.58 \$12.42 \$1.0353	\$67.38 \$67.38 \$07.38 \$0.6529 \$0.4491	G-44 MEP \$87.59 \$87.59 \$0.8488 \$0.5838 \$0.5838	\$202.13 \$202.13 \$202.13 \$0.5667 \$0.3870 \$0.5667 \$0.3870	\$262.77 \$262.77 \$262.77 \$0.5031	\$865.55 \$865.55 \$865.55	G-46 MEP \$1,125.22 \$1,125.22	\$67.45 \$67.45 \$67.45 \$0.4033 \$0.2693 \$0.4033 \$0.2693	\$87.69 \$87.69 \$0.5243 \$0.3501	\$201.95 \$201.95 \$201.95 \$0.2453 \$0.1468 \$0.3321 \$0.2269	\$262.54 \$262.54 \$262.54 \$0.3189 \$0.1908 \$0.4317 \$0.2950	\$892.79 \$892.79 \$892.79 \$0.1143	\$1,160.63 \$1,160.63 \$1,160.63	\$893.53 \$893.53 \$93.63 \$0.0490	G-S8 MEP \$1,161.59 \$1,161.59 \$0.0637
83 84 85 86 87 88 89 90 91 92 93 94	CUSTOMER CHARGE RATE Customer - Summer Customer - Winter ENERGY CHARGE RATE Energy - Summer - HB Energy - Summer - HB Energy - Summer - HB Energy - Winter - HB Energy - Winter - HB Energy - Winter - HB Winter Energy - Winter - TB Winter Energy - Winter - TB Winter Energy - Winter - TB Customer - Winter Energy - Winter - TB Energy - Winter -	R4 = R4 = \$16,43,577 \$10,033,54	55% x R3. R7 = 1.3x F	R-4 \$7,418,826 \$7,429,870	\$17.67 \$17.67 \$0.6834 \$0.6834	R-5 MEP \$22.97 \$22.97 \$0.8884 \$0.8884	R-3 \$17.37 \$17.37 \$0.7964 \$0.7964 \$7.984.879 \$7.828.639	\$22.58 \$22.58 \$22.58 \$1.0353 \$1.0353	\$17.37 \$9.55 \$0.7964 \$0.4380 \$610,683 \$359,585	R-7 MEP \$22.58 \$12.42 \$1.0353 \$0.5694	G-41 \$67.38 \$67.38 \$0.6529 \$0.4491 \$0.529 \$0.4491 \$0.529 \$0.4491	G-44 MEP \$87.59 \$87.59 \$0.8488 \$0.5838 \$0.5838 \$0.5838	\$202.13 \$202.13 \$0.5667 \$0.3870 \$1.801.209 \$1,778.263	\$262.77 \$262.77 \$262.77 \$0.5031 \$0.7367 \$0.5031	\$865.55 \$865.55 \$865.55 \$0.1687 \$0.3471 \$339,476 \$333,310	G-46 MEP \$1,125.22 \$1,125.22	\$67.45 \$67.45 \$67.45 \$0.4033 \$0.2693 \$0.2693	\$87.69 \$87.69 \$87.69 \$0.5243 \$0.3501 \$0.5243 \$0.3501	\$201.95 \$201.95 \$201.95 \$0.2453 \$0.1468 \$0.3321 \$0.2269	\$262.54 \$262.54 \$262.54 \$0.3189 \$0.1908 \$0.4317 \$0.2950	\$892.79 \$892.79 \$892.79 \$0.1143 \$0.2255	\$1,160.63 \$1,160.63 \$1,160.63	\$893.53 \$893.53 \$890.53 \$0.0490 \$0.0866	G-S8 MEP \$1,161.59 \$1,161.59 \$0.0637 \$0.1126
83 84 85 86 87 88 89 90 91 92	CUSTOMER CHARGE RATE Customer - Summer Customer - Winter Energy - Winter - HB Energy - Summer - HB Energy - Summer - HB Energy - Summer - HB Energy - Winter E	R4 =	55% x R3. R7 = 1.3x F	₹-4	\$17.67 \$17.67 \$0.6834 \$0.6834	R-5 MEP \$22.97 \$22.97 \$0.8884 \$0.8884	R-3 \$17.37 \$17.37 \$17.37 \$0.7964 \$0.7964	\$22.58 \$22.58 \$22.58 \$1.0353 \$1.0353	\$17.37 \$9.55 \$0.7964 \$0.4380	R-7 MEP \$22.58 \$12.42 \$1.0353 \$0.5694	G-41 \$67.38 \$67.38 \$0.6529 \$0.4491 \$0.6529 \$0.4491	G-44 MEP \$87.59 \$87.59 \$0.8488 \$0.5838 \$0.5838	\$202.13 \$202.13 \$202.13 \$0.5667 \$0.3870 \$0.3870	\$262.77 \$262.77 \$262.77 \$0.5031 \$0.7367 \$0.5031	\$865.55 \$865.55 \$865.55 \$0.1687 \$0.3471	G-46 MEP \$1,125.22 \$1,125.22	\$67.45 \$67.45 \$67.45 \$0.4033 \$0.2693 \$0.2693	\$7.69 \$87.69 \$87.69 \$0.5243 \$0.3501 \$0.5243 \$0.3501	\$201.95 \$201.95 \$201.95 \$0.2453 \$0.1468 \$0.3321 \$0.2269	G-56 MEP \$262.54 \$262.54 \$0.3189 \$0.1908 \$0.4317 \$0.2950	G-53 \$892.79 \$892.79 \$0.1143 \$0.2255	\$1,160.63 \$1,160.63 \$1,160.63	\$893.53 \$893.53 \$893.63 \$0.0490 \$0.0866	G-58 MEP \$1,161.59 \$1,161.59 \$0.0637 \$0.1126
83 84 85 86 87 88 89 90 91 92 93 94	CUSTOMER CHARGE RATE Customer - Summer Customer - Winter ENERGY CHARGE RATE Energy - Summer - HB Energy - Summer - HB Energy - Summer - HB Energy - Winter - HB Energy - Winter - HB Energy - Winter - HB Winter Energy - Winter - TB Winter Energy - Winter - TB Winter Energy - Winter - TB Customer - Winter Energy - Winter - TB Energy - Winter -	R4 = R4 = \$16,43,577 \$10,033,54	55% x R3. R7 = 1.3x F 55% x R3. R7 = 1.3x F 55% x R3. R7 = 1.3x F \$9.016,747 \$8.603.673 \$17,620,420 \$8,276,401	R-4 \$7,418,826 \$7,429,870	\$17.67 \$17.67 \$0.6834 \$0.6834	R-5 MEP \$22.97 \$22.97 \$0.8884 \$0.8884	R-3 \$17.37 \$17.37 \$0.7964 \$0.7964 \$7.984.879 \$7.828.639	\$2.58 \$2.58 \$2.58 \$1.0353 \$1.0353 \$45,110 \$44,209 \$89,319	\$17.37 \$9.55 \$0.7964 \$0.4380 \$610,683 \$359,585	R-7 MEP \$22.58 \$12.42 \$1.0353 \$0.5694	G-41 \$67.38 \$67.38 \$0.6529 \$0.4491 \$0.529 \$0.4491 \$0.529 \$0.4491	G-44 MEP \$87.59 \$87.59 \$0.8488 \$0.5838 \$0.5838 \$0.5838 \$0.5838 \$0.5838 \$0.5838 \$0.5838 \$0.5838 \$0.5838	\$202.13 \$202.13 \$0.5667 \$0.3870 \$1.801.209 \$1,778.263	\$262.77 \$262.77 \$262.77 \$0.5031 \$0.7367 \$0.5031	\$865.55 \$865.55 \$865.55 \$0.1687 \$0.3471 \$339,476 \$333,310	G-46 MEP \$1,125.22 \$1,125.22	\$67.45 \$67.45 \$67.45 \$0.4033 \$0.2693 \$0.2693	\$87.69 \$87.69 \$87.69 \$0.5243 \$0.3501 \$0.5243 \$0.3501	\$201.95 \$201.95 \$201.95 \$0.2453 \$0.1468 \$0.3321 \$0.2269	\$262.54 \$262.54 \$262.54 \$0.3189 \$0.1908 \$0.4317 \$0.2950	\$892.79 \$892.79 \$892.79 \$0.1143 \$0.2255 \$186.799 \$182.812 \$369.611	\$1,160.63 \$1,160.63 \$1,160.63	\$893.53 \$893.53 \$890.53 \$0.0490 \$0.0866	G-S8 MEP \$1,161.59 \$1,161.59 \$0.0637 \$0.1126
83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103	CUSTOMER CHARGE RATE Customer - Summer Customer - Winter Winter ENERGY CHARGE RATE Energy - Summer - HB Energy - Winter - HB Energy - Summer - HB Energy	R4 = \$16.435,575 \$16.033,545 \$32,469,116 \$2.414,796 \$2.800,555 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4.688,202 \$4	55% x R3. R7 = 1.3x F 55% x R3. R7 = 1.3x F 55% x R3. R7 = 1.3x F \$9.016,747 \$8.603.673 \$17,620,420 \$8,276,401	57,418.826 57,428.870 514,846,696 52,414.799 52,830,551 51,362,191 53,562,563 55,563,563	R-1 \$17.67 \$17.67 \$0.6834 \$0.6834 \$394.638 \$390.39 \$725,117 \$162,718	R-5 MEP \$22.97 \$22.97 \$0.8884 \$0.8884 \$10.501 \$10.400 \$20,902	8.7.37 \$17.37 \$17.37 \$0.7964 \$0.7964 \$7.984,879 \$7.826,539 \$15,813,519	\$2.58 \$2.258 \$2.256 \$1.0353 \$1.0353 \$4.209 \$38,319 \$34,444 \$16,762 \$221,206	\$17.37 \$9.55 \$0.7964 \$0.4360 \$610,683 \$350,565 \$970,268	\$22.58 \$12.42 \$1.0353 \$0.5694 \$756 \$7500 \$1,236	\$67.38 \$67.38 \$67.38 \$0.6520 \$0.4491 \$0.6520 \$0.4491 \$1.67.785 \$1.945.535 \$403.381 \$1.07.788 \$3.177.085	G-44 MEP \$87.59 \$87.59 \$87.59 \$0.8488 \$0.5838 \$0.8488 \$0.5838 \$1.570 \$8.267 \$16,857 \$495 \$5,749 \$13,357	\$202.13 \$202.13 \$202.13 \$0.5667 \$0.3670 \$0.5667 \$0.3670 \$1,702.23 \$1,702.23 \$1,308.896 \$1,283.798	G.45 MEP \$262.77 \$262.77 \$0.7367 \$0.5031 \$0.7367 \$0.5031 \$12,996 \$12,883 \$25,679 \$10,584 \$7,091 \$34,883 \$92,950 \$145,507	G-43 \$865.55 \$865.55 \$0.1687 \$0.3471 \$339,476 \$333,310 \$672,786	G-46 MEP \$1,125.22 \$1,125.22	\$67.45 \$67.45 \$67.45 \$0.4033 \$0.2693 \$0.4033 \$0.2693 \$197.212 \$286.886 \$213.470 \$538,578	\$87.69 \$87.69 \$87.69 \$0.5243 \$0.3501 \$0.5243 \$2.143 \$2.105 \$4,247 \$707 \$707 \$707 \$7244 \$1,209	\$201.95 \$201.95 \$201.95 \$0.2453 \$0.2453 \$0.3321 \$0.2269 \$1,002,330 \$492,002 \$211.91 \$759,460 \$726,416	G-56 MEP \$262.54 \$262.54 \$0.3189 \$0.1908 \$0.4317 \$0.2950 \$1,692 \$3,213 \$1,592 \$3,213 \$1,592 \$2,573 \$536	G-S3 \$892.79 \$0.279 \$0.1143 \$0.2255 \$186,790 \$182,812 \$3464,061 \$1,467,064	\$1,160.63 \$1,160.63 \$1,160.63	G-54 \$893.53 \$893.53 \$0.0490 \$0.0490 \$3.0966 \$145,657 \$140.913 \$286,469	G-58 MEP \$1,161.59 \$1,161.59 \$1,161.59 \$0.0637 \$0.1126 \$7,152 \$6,944 \$14,096 \$7,657
83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104	CUSTOMER CHARGE RATE Customer - Summer Customer - Winter Winter Energy - Winter - HB Energy - Summer - HB Energy - Summer - HB Energy - Summer - HB Energy - Winter - HB Energy - Summer - HB Energ	R4 = R4 = \$16.43.575 \$16.033.541 \$32,469,114 \$2.414,796 \$2.803,551 \$0.68.502 \$17.306,422 \$4.6746,104	55% x R3. R7 = 1.3x F 55% x R3. R7 = 1.3x F 55% x R3. R7 = 1.3x F \$9,016,747 \$17,620,420 \$8,276,401 \$44,896,188	\$7,418.826 \$7,428.870 \$14,845.870 \$2,830.551 \$1,382.119 \$2,820.551 \$1,382.19 \$1,355.842 \$1,355.842 \$1,355.842 \$1,355.842 \$1,355.842 \$1,355.842	8-1 \$17.67 \$17.67 \$0.6834 \$0.6834 \$364.838 \$360.399 \$725,177 \$162,718	R-5 MEP \$22.97 \$22.97 \$0.8884 \$0.8884 \$10.501 \$10,400 \$20,902 \$4,482 \$19,823 \$24,306	817.37 \$17.37 \$17.37 \$0.7964 \$0.7964 \$7.994.879 \$7.828.639 \$15,813,819	\$2.58 \$2.258 \$2.258 \$1.0353 \$1.0353 \$45,110 \$44,200 \$99,319 \$34,444 \$186,762 \$221,206 \$310,525	\$17.37 \$9.55 \$0.7964 \$0.4360 \$410.883 \$550.885 \$970,288 \$554,705 \$1,618.235 \$2,172,340	\$22.58 \$12.42 \$1.0353 \$0.5694 \$736 \$500 \$1,236	\$67.38 \$67.38 \$67.38 \$0.6529 \$0.4491 \$0.6529 \$0.4491 \$1.057.88 \$1.057.88 \$3.107.066 \$7.734.493	G-44 MEP \$87.59 \$87.59 \$87.59 \$0.8488 \$0.5838 \$0.8488 \$0.5838 \$1.570 \$8.267 \$16,857 \$495 \$5,749 \$13,357	\$202.13 \$202.13 \$202.13 \$0.5667 \$0.3870 \$1,801,209 \$1,772,63 \$3,579,472 \$1,308,896 \$1,253,798 \$4,702,737 \$3,249,190	G.45 MEP \$262.77 \$262.77 \$0.7367 \$0.5031 \$0.7367 \$0.5031 \$12,996 \$12,883 \$25,679 \$10,584 \$7,091 \$34,883 \$92,950 \$145,507	G-43 \$965.55 \$065.55 \$0.1687 \$0.3471 \$339.476 \$339.476 \$473.106 \$3,457.025 \$3,530,731	G-46 MEP \$1,125.22 \$1,125.22	\$67.45 \$67.45 \$67.45 \$0.4033 \$0.2693 \$0.4033 \$0.2693 \$1,046,399 \$17.212 \$298.886 \$213.470 \$338.578	\$2,143 \$2,105 \$2,143 \$2,105 \$3,103 \$3,113	\$201.95 \$201.95 \$201.95 \$0.2453 \$0.1468 \$0.3321 \$0.2269 \$10,002,330 \$1,002,330 \$11,002,330 \$492,002 \$211,310 \$759,460 \$726,116	G-56 MEP \$262.54 \$0.3189 \$0.1908 \$0.4317 \$0.2950 \$1.622 \$1,592 \$3,213 \$1,522 \$3,243 \$5,536 \$4,632	G-S3 \$892.79 \$0.279 \$0.1143 \$0.2255 \$186,790 \$182,812 \$3464,061 \$1,467,064	\$1,160.63 \$1,160.63 \$1,160.63	G-54 \$893.53 \$993.53 \$0.0490 \$0.0490 \$0.0866 \$145,657 \$140.813 \$226,469 \$437.294 \$642.300 \$1,079,694	S0.0637 \$0.0637 \$0.1126 \$7.152 \$6.944 \$14,096 \$7.657 \$16.468 \$24,125

	1	2	<u>3</u>	4	<u>5</u>	<u>6</u>	7	8	9	<u>10</u>	<u>11</u>	12	13	14	<u>15</u>	<u>16</u>	17	18	19	20	21	22	23	24	25	<u>26</u>
							R-1/R-5 R-1	R-1/R-5 R-5	R-3/R-4/R6/R-7 R-3	R-6	R-3/R-4/R6/R-7 F R-4	R-7	G-41/G-44 G-41	G-41/G-44 G-44	G-42/G-45 G-42	G-42/G-45 G-45	G-43/G-46 G-43	G-43/G-46 G-46	G-51/G-55 G-51	G-51/G-55 G-55	G-52/G-56 G-52	G-52/G-56 G-56	G-53/G-57 G-53	G-53/G-57 G-57	G-54/G-58 G-54	G-54/G-58 G-58
Line				Total System	Total Residential	Total C&I		MEP		MEP		MEP		MEP		MEP		MEP		MEP		MEP		MEP		MEP
109	Revenue (Deficiency) / Excess From Disc	c. Rates Check																								
110	CUSTOMER CHARGE RATE																									
111 112	Customer - Summer Customer - Winter	Summer Winter		\$0 (\$294,855)	\$0 (\$294,855)	\$0 \$0					\$0 (\$294,446)	\$0 (\$409)														
113	Total Customer Charge Revenues			(\$294,855)							(\$294,446)	(\$409)														
114	ENERGY CHARGE RATE																									
115	Energy - Summer - HB Energy - Summer - TB	Summer Summer		\$0		\$0																				
117	Energy - Summer - All Block	Summer		\$0	\$0	\$0					\$0	\$0														
118 119	Energy - Winter - HB Energy - Winter - TB	Winter Winter		\$0 \$0		\$0 \$0																				
120 121	Energy - Winter - All Block Total Energy Charge Revenues	Winter		(\$1,325,351) (\$1,325,351)							(\$1,324,145) (\$1,324,145)	(\$1,206) (\$1,206)														
121	Total Energy Charge Revenues			(#1,325,351)	(#1,325,351)	\$0					(#1,524,145)	(\$1,200)														
122	Total System Revenues for LDAC			(\$1,620,206)	(\$1,620,206)	\$0					(\$1,618,591)	(\$1,615)														
123	LDAC - GAP Rate (\$/therm)			(\$0.0092)																						

	1	<u>2</u>	3	4	<u>5</u>	<u>6</u>	<u>7</u>	8	9	<u>10</u>	11	12	13	14	<u>15</u>	16	17	18	19	20	21	22	23	24	25	26
							R-1/R-5	R-1/R-5			R-3/R-4/R6/R-7 R		G-41/G-44	G-41/G-44	G-42/G-45	G-42/G-45		G-43/G-46	G-51/G-55	G-51/G-55	G-52/G-56	G-52/G-56	G-53/G-57	G-53/G-57	G-54/G-58	G-54/G-58
							R-1	R-5 MEP	R-3	R-6 MEP	R-4	R-7 MEP	G-41	G-44 MEP	G-42	G-45 MFP	G-43	G-46 MEP	G-51	G-55 MEP	G-52	G-56 MEP	G-53	G-57 MEP	G-54	G-58 MEP
Line 124	RATE COMPARISON		L	Total System	Total Residential	Total C&I		MEP		MEP		MEP		MEP		MEP		MEP		MEP		MEP		MEP		MEP
124	RATE COMPARISON																									
							R-1/R-5	R-1/R-5	R-3/R-4/R6/R-7	R-3/R-4/R6/R-7 F	R-3/R-4/R6/R-7 R	R-3/R-4/R6/R-7	G-41/G-44	G-41/G-44	G-42/G-45	G-42/G-45	G-43/G-46	G-43/G-46	G-51/G-55	G-51/G-55	G-52/G-56	G-52/G-56	G-53/G-57	G-53/G-57	G-54/G-58	G-54/G-58
							R-1	R-5	R-3	R-6	R-4	R-7	G-41	G-44	G-42	G-45	G-43	G-46	G-51	G-55	G-52	G-56	G-53	G-57	G-54	G-58
	-							MEP		MEP		MEP		MEP		MEP		MEP		MEP		MEP		MEP		MEP
125	CUSTOMER CHARGE																									
126	Proposed Rates - Discounted R4/R7. Round																									
127	Customer Customer	Summer	C	Customer-Summer-			\$17.67	\$22.97	\$17.37	\$22.58	\$17.37	\$22.58	\$67.38	\$87.59	\$202.13	\$262.77	\$865.55	\$1,125,22	\$67.45	\$87.69	\$201.95	\$262.54	\$892.79	\$1,160,63	\$893.53	\$1,161,59
128	Customer	Winter		Customer-Winter-			\$17.67	\$22.97	\$17.37	\$22.58	\$9.55	\$12.42	\$67.38	\$87.59		\$262.77	\$865.55	\$1,125.22	\$67.45	\$87.69		\$262.54	\$892.79		\$893.53	\$1,161.59
129 130	Current	Summer	-	Customer-Summer-			\$15.39	\$20.01	\$15.39	\$20.01	\$15.39	\$20.01	\$60.81	\$79.06	\$182.42	\$237.14	\$781.17	\$1.015.52	\$60.87	\$79.13	\$182.26	\$236.94	\$805.75	\$1,047,48	\$806.42	\$1.048.34
131	Customer	Winter		Customer-Winter-			\$15.39	\$20.01	\$15.39	\$20.01	\$8.47	\$11.01	\$60.81	\$79.06	\$182.42	\$237.14	\$781.17	\$1,015.52	\$60.87	\$79.13		\$236.94	\$805.75		\$806.42	\$1,048.34
132	% Change in Customer Rate																									
133 134	Customer Customer	Summer Winter		Customer-Summer- Customer-Winter-			14.8% 14.8%	14.8% 14.8%	12.8% 12.8%	12.8% 12.8%	12.8% 12.8%	12.8% 12.9%	10.8%	10.8% 10.8%	10.8% 10.8%	10.8%	10.8% 10.8%	10.8% 10.8%	10.8% 10.8%	10.8%		10.8%	10.8% 10.8%	10.8% 10.8%	10.8% 10.8%	10.8% 10.8%
134	Customer	** 111001		Sustainer-vvinter-			14.070	14.070	12.070	12.070	12.070	12.570	10.070	10.070	10.070	10.070	10.070	10.070	10.070	10.070	10.070	10.070	10.070	10.070	10.070	10.070
135	ENERGY CHARGE																									
	· ·																									
136 137	Proposed Rates - Discounted R4/R7, Rounde Energy	ed Summer HB		nergy-Summer-HB									\$0.6529	\$0.8488	\$0.5667	\$0.7367			\$0.4033	\$0.5243	\$0.2453	\$0.3189				
138	Energy	Summer TB		nergy-Summer-TB									\$0.6529	\$0.5838	\$0.3870	\$0.7367			\$0.2693	\$0.3501	\$0.2453	\$0.1908				
139	Energy	Summer All		nergy-Summer-All			\$0.6834	\$0.8884	\$0.7964	\$1.0353	\$0.7964	\$1.0353	QU.4401	\$0.0000	\$0.0070	\$0.0001	\$0.1687	\$0.2193	\$0.2000	Q 0.0001	90.1400	\$0.1500	\$0.1143	\$0.1486	\$0.0490	\$0.0637
140	Energy	Winter HB		nergy-Winter-HB									\$0.6529	\$0.8488	\$0.5667	\$0.7367			\$0.4033	\$0.5243		\$0.4317				
141	Energy	Winter TB		nergy-Winter-TB									\$0.4491	\$0.5838	\$0.3870	\$0.5031			\$0.2693	\$0.3501	\$0.2269	\$0.2950				
142	Energy	Winter All		nergy-Winter-All			\$0.6834	\$0.8884	\$0.7964	\$1.0353	\$0.4380	\$0.5694					\$0.3471	\$0.4512					\$0.2255	\$0.2932	\$0.0866	\$0.1126
143	Current																									
144	Energy	Summer HB		nergy-Summer-HB									\$0.4928	\$0.6407	\$0.4485	\$0.5830			\$0.2970	\$0.3861	\$0.1891	\$0.2458				
145	Energy	Summer TB		nergy-Summer-TB									\$0.3390	\$0.4406	\$0.3063	\$0.3982			\$0.1983	\$0.2579	\$0.1132	\$0.1472				
146 147	Energy	Summer All Winter HB		nergy-Summer-All			\$0.4614	\$0.5999	\$0.6167	\$0.8017	\$0.6167	\$0.8017	\$0.4928	\$0.6407	\$0.4485	\$0.5830	\$0.1344	\$0.1747	\$0.2970	*******	\$0.2560	*******	\$0.0907	\$0.1179	\$0.0386	\$0.0502
148	Energy Energy	Winter HB Winter TB		nergy-Winter-HB nergy-Winter-TB									\$0.3390	\$0.4406		\$0.3982			\$0.2970	\$0.3892 \$0.2579		\$0.3328 \$0.2274				
149	Energy	Winter All		nergy-Winter-All			\$0.4614	\$0.5999	\$0.6167	\$0.8017	\$0.3392	\$0.4409	ψ0.0000	QU.4400	\$0.0000	ψ0.030E	\$0.2766	\$0.3596	ψ0.1000	QU.2075	00.1140	\$0.227 4	\$0.1790	\$0.2327	\$0.0682	\$0.0887
150	% Change in Energy Rate	0 110											00 50/	00 50/	00.40/	00.40/			05.00	05.00/	00 70/	00 704				
151 152	Energy Energy	Summer HB Summer TB											32.5% 32.5%	32.5% 32.5%		26.4% 26.3%			35.8% 35.8%	35.8% 35.8%	29.7% 29.7%	29.7% 29.6%				
153	Energy	Summer All					48.1%	48.1%	29.1%	29.1%	29.1%	29.1%	02.070	02.070	20.070	20.070	25.5%	25.5%	00.070	00.070	25.770	20.070	26.0%	26.0%	26.9%	26.9%
154	Energy	Winter HB											32.5%	32.5%		26.4%			35.8%	34.7%	29.7%	29.7%	_			
155	Energy	Winter TB											32.5%	32.5%	26.3%	26.3%			35.8%	35.8%	29.7%	29.7%				
156	Energy	Winter All					48.1%	48.1%	29.1%	29.1%	29.1%	29.1%					25.5%	25.5%					26.0%	26.0%	27.0%	26.9%
			Г	1			R-1/R-5	R-1/R-5	R-3/R-4/R6/R-7	R-3/R-4/R6/R-7 F	2-3/R-4/R6/R-7 R	2-3/R-4/R6/R-7	G-41/G-44	G-41/G-44	G-42/G-45	G-42/G-45	G-43/G-46	G-43/G-46	G-51/G-55	G-51/G-55	G-52/G-56	G-52/G-56	G-53/G-57	G-53/G-57	G-54/G-58	G-54/G-58
							R-1	R-5	R-3	R-6	R-4	R-7	G-41	G-44	G-42	G-45	G-43	G-46	G-51	G-55	G-52	G-56	G-53	G-57	G-54	G-58
157	% Change in Total Revenue			Total System	Total Residential	Total C&I		MEP		MEP		MEP		MEP		MEP		MEP		MEP		MEP		MEP		MEP
158	Normalized TY Revenues @ Current Rates (8/			\$96,553,144	\$53,407,161	\$43,145,983	\$1,018,733	\$34,621	\$49,558,120	\$250,447	\$2,542,667	\$2,573	\$16,349,608	\$30,730		\$138,337	\$3,739,454	\$0	\$1,865,239	\$6,130	\$2,591,991	\$6,470	\$1,767,887	\$0	\$1,108,852	\$31,729
159 160	Proposed Revenues @ Undiscounted, unround Proposed Revenues @ Undiscounted rates, ro			\$121,252,410 \$121,255,425	\$68,133,902 \$68,136,814	\$53,118,508 \$53,118,611	\$1,298,601 \$1,298,569	\$45,210 \$45,207	\$61,713,222 \$61,715,955	\$310,520 \$310,525	\$4,761,590 \$4,761,799	\$4,759 \$4,759	\$20,128,984 \$20,128,464		\$19,093,478 \$19,094,093	\$171,182 \$171,187	\$4,603,770 \$4,603,517	\$0 \$0	\$2,296,546 \$2,296,545	\$7,360 \$7.361	\$3,191,211 \$3,191,227	\$7,845 \$7.845	\$2,176,506 \$2,176,674	\$0 \$0		\$38,216 \$38,221
161	Proposed Revenues @ Discounted Rates, rou			\$119,635,219	\$66,516,608	\$53,118,611		\$45,207	\$61,715,955	\$310,525	\$3,143,208	\$3,144	\$20,128,464		\$19,094,093	\$171,187	\$4,603,517	\$0	\$2,296,545	\$7,361		\$7,845	\$2,176,674	\$0		\$38,221
162	Revenue Shortfall For LDAC			\$1,620,206	\$1,620,206	\$0	\$0	\$0	\$0	\$0	\$1,618,591	\$1,615	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
163	Rev. % Increase @ Undiscounted Rates,round			25.6%	27.6%	23.1%		30.6%	24.5%	24.0%	87.3%	85.0%	23.1%	21.7%	23.1%	23.7%	23.1%	n/a	23.1%	20.1%	23.1%	21.2%	23.1%	n/a	23.2%	20.5%
164	Rev. % Increase @ Discounted Rates,rounded			23.9%	24.5%	23.1%	27.5%	30.6%	24.5%	24.0%	23.6%	22.2%	23.1%	21.7%	23.1%	23.7%	23.1%	n/a	23.1%	20.1%	23.1%	21.2%	23.1%	n/a	23.2%	20.5%

Explanation (L)

Company Total

5.914.311 FCOS

92,292,167 Company Records

0.06408 Line 1 / Line 2

112,294,280 Company Records

0.00005 Line 6 / Line 7

5,444 Line 7 x Line 8

FCOS

Line 11 / Line 12

Line 12 x Line 13

Line 16 / Line 17

Line 21 - Line 23

112,294,280 Company Records

112,294,280 Company Records

360,032 Line 17 x Line 18

6,279,787 \(\sum \) Lines 1, 6, 11, 16

0.00% Line 25 / Line 23

360,032 FCOS

6,279,787 ∑ Cols A-J

0.00321

5,914,311 Line 2 x Line 3

5,444 FCOS

Liberty Utilities (EnergyNorth Natural Gas) Corp. Indirect Gas Costs Analysis

Residential Commercial and Industrial: Low Load Factor Commercial and Industrial: High Load Factor Line Low Income Medium Non Heat High Annual High Annual Heat Heat Low Annual Medium Annual High Annual Low Annual Annual R-1 R-3 R-4 G-41 G-42 G-43 G-51 G-52 G-53 G-54 Description (A) (B) (C) (D) (E) (F) (G) (H) (I) (J) LP and LNG Costs 1 623,241 48,375,797 3,697,189 17,069,108 13,445,648 3,186,623 1,917,151 2,091,400 1,772,360 113,649 2 Winter Sales Volumes Unit Cost in COGC 3 Class Revenues 39,939 \$ 3,100,041 236,925 \$ 1,093,831 861,630 204,207 \$ 122,856 \$ 134,022 \$ 113,577 7,283 5 6 Bad Debt Costs 7 Annual Sales Volumes 866,387 57,851,078 4,394,125 19,376,847 15,958,485 4,083,744 3,128,971 3,404,492 2,980,592 249,560 Unit Cost in COGC 8 9 Class Revenues 42 2.805 213 774 198 152 \$ 939 165 144 10 11 Gas Working Capital 12 Annual Sales Volumes 866.387 57.851.078 4.394.125 19,376,847 15.958.485 4.083.744 3.128.971 3.404.492 2.980.592 249,560 13 Unit Cost in COGC 14 Class Revenues 15 Other A&G and Misc. 16 17 Annual Sales Volumes 866,387 57,851,078 4,394,125 19,376,847 15,958,485 4,083,744 3,128,971 3,404,492 2,980,592 249,560 18 Unit Cost in COGC Class Revenues 2,778 185,479 14,088 62,125 51,165 13,093 10,032 10,915 9,556 800 19 20 21 22 Total Indirect Costs 42,759 \$ 3,288,325 \$ 251,226 \$ 1,156,895 \$ 913,569 \$ 217,498 \$ 133,039 \$ 145,102 \$ 123,278 \$ 8,095 23 Total from FCOS 24 Variance 25 \$s 26 % 27 28

		Currently effective	ve .		Rate case	
	2023	2022-2023				
	Summer	Winter COG				
	COG Filing	Filing		Summer	Winter	
Production and Storage	\$ -	\$ 3,685,458			\$ 5,914,311	
Bad Debt Costs	9,730	44,897	54,627	970	4,474	\$ 5,444
Gas Working Capital						
Other A&G and Misc.	97,217	448,571	545,788	64,130	295,902	\$ 360,032
Total Indirect Costs	\$ 106,947	\$ 4,178,926		\$ 65,099	\$ 6,214,688	
Volumes	20,002,113	92,292,167	112,294,280	20,002,113	92,292,167	112,294,280
Indirect Gas Rate	\$ 0.0053	\$ 0.0453		\$ 0.0033	\$ 0.0673	

COG Adder f	for Rate Case
Summer	Winter
\$ (0.0020)	\$ 0.0220

			ve		
·		2023	2	2022-2023	
	5	Summer	W	/inter COG	
	C	OG Filing		Filing	
Production and Storage	\$	-	\$	3,685,458	
Bad Debt Costs	\$	538,132	\$	947,639	per company
Gas Working Capital	\$	96,127	\$	449,661	per company
Other A&G and Misc.	\$	-	\$	-	
Total	\$	634,259	\$	5,082,758	

29 30

COMPARATIVE MONTHLY BILLING UNDER PRESENT AND PROPOSED RATES RATE R-1 : RESIDENTIAL NON-HEATING

	R-1	R-1
Present Rates	Winter	Summer
COG (Excl Keen)	\$0.1326	\$1.2071
LDAC-GAP (Excl Keen)	\$0.1113	\$0.1180
Customer charge Sales rate	\$15.39	\$15.39
First Block Size		
Block 1	\$0.4614	\$0.4614
Block 2	\$0.4614	\$0.4614

	R-1	R-1
Proposed Rates	Winter	Summer
COG (Excl Keen)	\$0.1546	\$1.2051
LDAC-GAP (Excl Keen)	\$0.1205	\$0.1272
Customer charge Sales rate	\$17.67	\$17.67
First Block Size		
Block 1	\$0.6834	\$0.6834
Block 2	\$0.6834	\$0.6834

11	11																				
12	2		Mo	nthly Bills at	Present R	lates			Мо	nthly Bills a	t Proposed Ra	ites		C	hange in	Monthly E	Bill	Unit Costs			
13	B Use per		Winter			Summer			Winter			Summer		Winter		Summer		Current		Propo	osed
	Month	Base	COG/		Base			Base	COG /			COG /		\$	%	\$	%				
14	t (therms)	Rates	LDAC	TOTAL	Rates	COG / LDAC	TOTAL	Rates	LDAC	TOTAL	Base Rates	LDAC	TOTAL	Change	Change	Change	Change	Winter	Summer	Winter	Summer
15	5																				
16	0	\$15.39	\$0.00	\$15.39	\$15.39	\$0.00	\$15.39	\$17.67	\$0.00	\$17.67	\$17.67	\$0.00	\$17.67	\$2.28	14.8%	\$2.28	14.8%	\$0.0000	\$0.0000	\$0.0000	\$0.0000
17	7 2	\$16.31	\$0.49	\$16.80	\$16.31	\$2.65	\$18.96	\$19.04	\$0.55	\$19.59		\$2.66	\$21.70	\$2.79	16.6%	\$2.74			\$9.4815	\$9.7935	\$10.8507
18	3 4	\$17.24	\$0.98	\$18.21	\$17.24	\$5.30	\$22.54	\$20.40	\$1.10	\$21.50			\$25.73		18.1%				\$5.6340		\$6.4332
19		\$18.16	\$1.46	\$19.62	\$18.16	\$7.95	\$26.11	\$21.77	\$1.65	\$23.42	\$21.77	\$7.99	\$29.76		19.4%				\$4.3515		\$4.9607
20	8	\$19.08	\$1.95	\$21.03	\$19.08	\$10.60	\$29.68	\$23.14	\$2.20	\$25.34		\$10.66	\$33.80	\$4.31	20.5%				\$3.7103		\$4.2244
21		\$20.00	\$2.44	\$22.44	\$20.00	\$13.25	\$33.26	\$24.50	\$2.75	\$27.26			\$37.83		21.4%		13.7%	\$2.2443	\$3.3255	\$2.7255	\$3.7827
22		\$22.31	\$3.66	\$25.97	\$22.31	\$19.88	\$42.19	\$27.92	\$4.13	\$32.05	\$27.92	\$19.98	\$47.90		23.4%				\$2.8125	\$2.1365	\$3.1937
23		\$24.62	\$4.88	\$29.50	\$24.62	\$26.50	\$51.12	\$31.34	\$5.50	\$36.84	\$31.34	\$26.65	\$57.98	\$7.34	24.9%		-		\$2.5560	\$1.8420	\$2.8992
24		\$26.93	\$6.10	\$33.02	\$26.93	\$33.13	\$60.05	\$34.76	\$6.88	\$41.63			\$68.06	\$8.61	26.1%			\$1.3209		\$1.6653	\$2.7225
25		\$29.23	\$7.32	\$36.55	\$29.23	\$39.75	\$68.99	\$38.17	\$8.25	\$46.43		\$39.97	\$78.14		27.0%				\$2.2995	\$1.5475	\$2.6047
26		\$31.54	\$8.54	\$40.08	\$31.54	\$46.38	\$77.92	\$41.59	\$9.63	\$51.22	\$41.59		\$88.22		27.8%	\$10.30		\$1.1450		\$1.4634	\$2.5205
27		\$33.85	\$9.76	\$43.60	\$33.85	\$53.00	\$86.85	\$45.01	\$11.01	\$56.01	\$45.01	\$53.29	\$98.30		28.5%		-		\$2.1713		\$2.4574
28		\$36.15	\$10.98	\$47.13	\$36.15	\$59.63	\$95.78	\$48.42	\$12.38	\$60.80		\$59.95	\$108.37		29.0%		-		\$2.1285	\$1.3512	\$2.4083
29		\$38.46	\$12.20	\$50.66	\$38.46	\$66.26	\$104.72	\$51.84	\$13.76	\$65.60		\$66.61	\$118.45		29.5%				\$2.0943	\$1.3119	\$2.3691
30		\$43.07	\$14.63	\$57.71	\$43.07	\$79.51	\$122.58	\$58.67	\$16.51	\$75.18		\$79.94	\$138.61		30.3%		-		\$2.0430	\$1.2530	\$2.3102
31		\$47.69	\$17.07	\$64.76	\$47.69	\$92.76	\$140.45	\$65.51	\$19.26	\$84.77	\$65.51	\$93.26	\$158.77		30.9%	\$18.32			\$2.0064	\$1.2110	\$2.2681
32		\$52.30	\$19.51	\$71.81	\$52.30	\$106.01	\$158.31	\$72.34	\$22.01	\$94.35		\$106.58	\$178.92		31.4%				\$1.9789	\$1.1794	\$2.2365
33		\$56.92	\$21.95	\$78.87	\$56.92	\$119.26	\$176.18	\$79.18	\$24.76	\$103.94			\$199.08		31.8%				\$1.9575	\$1.1549	\$2.2120
34		\$61.53	\$24.39	\$85.92	\$61.53	\$132.51	\$194.04	\$86.01	\$27.51	\$113.52		\$133.23	\$219.24		32.1%				\$1.9404	\$1.1352	\$2.1924
35		\$107.67	\$48.78	\$156.45	\$107.67	\$265.02	\$372.69	\$154.35	\$55.03	\$209.38	\$154.35	\$266.45	\$420.80	\$52.93	33.8%	\$48.11	12.9%	\$0.7823	\$1.8635	\$1.0469	\$2.1040
36																					
37	7 Estimated Bill Percentiles																				

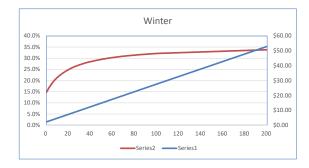
01	Lottillatea Dill I	CICCIICIC
38	Winter - 25%	5
39	Winter - 50%	15
40	Winter - 75%	27
41	Summer - 25%	3
42	Summer - 50%	9
43	Summer - 75%	15

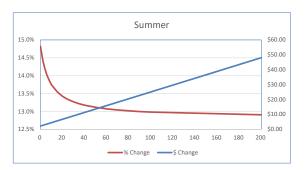
Line 1

entiles																				
5	\$17.70	\$1.22	\$18.92				\$21.09	\$1.38	\$22.46				\$3.55	18.7%			\$3.7833		\$4.4925	
15	\$22.31	\$3.66	\$25.97				\$27.92	\$4.13	\$32.05				\$6.08	23.4%			\$1.7313		\$2.1365	
27	\$27.85	\$6.59	\$34.43				\$36.12	\$7.43	\$43.55				\$9.12	26.5%			\$1.2753		\$1.6130	
3				\$16.77	\$3.98	\$20.75				\$19.72	\$4.00	\$23.72			\$2.97	14.3%		\$6.9165		\$7.9057
9				\$19.54	\$11.93	\$31.47				\$23.82	\$11.99	\$35.81			\$4.34	13.8%		\$3.4965		\$3.9790
15				\$22.31	\$19.88	\$42.19				\$27.92	\$19.98	\$47.90			\$5.72	13.6%		\$2.8125		\$3.1937

Estimated Bill Percentiles per 2023 Company analysis

COMPARATIVE MONTHLY BILLING UNDER PRESENT AND PROPOSED RATES RATE R-1 : RESIDENTIAL NON-HEATING CHANGE IN MONTHLY BILLS PER USAGE LEVELS





COMPARATIVE MONTHLY BILLING UNDER PRESENT AND PROPOSED RATES RATE R-3 : RESIDENTIAL HEATING

	R-3	R-3
Present Rates	Winter	Summer
COG (Excl Keen)	\$0.1326	\$1.2071
LDAC-GAP (Excl Keen)	\$0.1113	\$0.1180
Customer charge Sales rate	\$15.39	\$15.39
First Block Size		
Block 1	\$0.6167	\$0.6167
Block 2	\$0.6167	\$0.6167

	R-3	R-3
Proposed Rates	Winter	Summer
COG (Excl Keen)	\$0.1546	\$1.2051
LDAC-GAP (Excl Keen)	\$0.1205	\$0.1272
Customer charge Sales rate	\$17.37	\$17.37
First Block Size		
Block 1	\$0.7964	\$0.7964
Block 2	\$0.7964	\$0.7964

11																					
12			N	onthly Bills	at Present	Rates			Mo	nthly Bills a	Proposed Rate	es		(Change in	Monthly B	ill		Unit (Costs	
13	Use per		Winter			Summer			Winter		9	Summer		Wir	nter	Sur	nmer	Cur	rent	Prop	osed
	Month	Base	COG /		Base			Base	COG/			COG /		\$	%	\$	%				
14	(therms)	Rates	LDAC	TOTAL	Rates	COG / LDAC	TOTAL	Rates	LDAC	TOTAL	Base Rates	LDAC	TOTAL	Change	Change	Change	Change	Winter	Summer	Winter	Summer
15																					
16	0	\$15.39	\$0.00	\$15.39	\$15.39	\$0.00	\$15.39	\$17.37	\$0.00	\$17.37	\$17.37	\$0.00	\$17.37	\$1.98	12.8%	\$1.98	12.8%	\$0.0000	\$0.0000	\$0.0000	\$0.0000
17	10	\$21.56	\$2.44	\$24.00	\$21.56	\$13.25	\$34.81	\$25.33	\$2.75	\$28.09	\$25.33	\$13.32	\$38.66	\$4.09	17.0%	\$3.85	11.0%	\$2.3998	\$3.4810	\$2.8085	\$3.8657
18	25	\$30.81	\$6.10	\$36.91	\$30.81	\$33.13	\$63.94	\$37.28	\$6.88	\$44.16	\$37.28	\$33.31	\$70.59	\$7.25	19.6%	\$6.65	10.4%	\$1.4763	\$2.5575	\$1.7663	\$2.8235
19	50	\$46.23	\$12.20	\$58.42	\$46.23	\$66.26	\$112.48	\$57.19	\$13.76	\$70.95	\$57.19	\$66.61	\$123.80		21.4%	\$11.32	10.1%	\$1.1684	\$2.2496	\$1.4189	\$2.4761
20	75	\$61.64	\$18.29	\$79.94	\$61.64	\$99.38	\$161.03	\$77.10	\$20.64	\$97.74	\$77.10	\$99.92	\$177.02	\$17.80	22.3%	\$15.99	9.9%	\$1.0658	\$2.1470	\$1.3031	\$2.3603
21	100	\$77.06	\$24.39	\$101.45	\$77.06	\$132.51	\$209.57	\$97.01	\$27.51	\$124.52	\$97.01	\$133.23	\$230.24	\$23.07	22.7%	\$20.66	9.9%	\$1.0145	\$2.0957	\$1.2452	\$2.3024
22	125	\$92.48	\$30.49	\$122.97	\$92.48	\$165.64	\$258.12	\$116.92	\$34.39	\$151.31	\$116.92	\$166.53	\$283.45		23.1%	\$25.33	9.8%	\$0.9837	\$2.0649	\$1.2105	\$2.2676
23	150	\$107.90	\$36.59	\$144.48	\$107.90	\$198.77	\$306.66	\$136.83	\$41.27	\$178.10	\$136.83	\$199.84	\$336.67	\$33.62	23.3%	\$30.01	9.8%	\$0.9632	\$2.0444	\$1.1873	\$2.2445
24	175	\$123.31	\$42.68	\$166.00	\$123.31	\$231.89	\$355.21	\$156.74	\$48.15	\$204.89	\$156.74	\$233.14	\$389.88	\$38.89	23.4%	\$34.68	9.8%	\$0.9486	\$2.0298	\$1.1708	\$2.2279
25	200	\$138.73	\$48.78	\$187.51	\$138.73	\$265.02	\$403.75	\$176.65	\$55.03	\$231.68	\$176.65	\$266.45	\$443.10	\$44.17	23.6%	\$39.35	9.7%	\$0.9376	\$2.0188	\$1.1584	\$2.2155
26	225	\$154.15	\$54.88	\$209.03	\$154.15	\$298.15	\$452.30		\$61.91	\$258.47	\$196.56	\$299.76	\$496.32		23.7%	\$44.02	9.7%	\$0.9290	\$2.0102	\$1.1487	\$2.2059
27	250	\$169.57	\$60.98	\$230.54	\$169.57	\$331.28	\$500.84	\$216.47	\$68.78	\$285.25	\$216.47	\$333.06	\$549.53		23.7%	\$48.69	9.7%	\$0.9222	\$2.0034	\$1.1410	\$2.1981
28	275	\$184.98	\$67.07	\$252.06	\$184.98	\$364.40	\$549.39	\$236.38	\$75.66	\$312.04	\$236.38	\$366.37	\$602.75	\$59.99	23.8%	\$53.36	9.7%	\$0.9166		\$1.1347	\$2.1918
29	300	\$200.40	\$73.17	\$273.57	\$200.40	\$397.53	\$597.93	\$256.29	\$82.54	\$338.83		\$399.68	\$655.97	\$65.26	23.9%	\$58.03	9.7%	\$0.9119		\$1.1294	\$2.1866
30	350	\$231.24	\$85.37	\$316.60	\$231.24	\$463.79	\$695.02	\$296.11	\$96.30	\$392.41	\$296.11	\$466.29	\$762.40		23.9%	\$67.38	9.7%	\$0.9046		\$1.1212	\$2.1783
31	400	\$262.07	\$97.56	\$359.63	\$262.07	\$530.04	\$792.11	\$335.93	\$110.05	\$445.98	\$335.93	\$532.90	\$868.83		24.0%	\$76.72	9.7%	\$0.8991		\$1.1150	\$2.1721
32	450	\$292.91	\$109.76	\$402.66	\$292.91	\$596.30	\$889.20	\$375.75	\$123.81	\$499.56	\$375.75	\$599.51	\$975.26		24.1%	\$86.06	9.7%	\$0.8948	-	\$1.1101	\$2.1673
33	500	\$323.74	\$121.95	\$445.69	\$323.74	\$662.55	\$986.29	\$415.57	\$137.57	\$553.14	\$415.57		\$1,081.70		24.1%	\$95.40	9.7%	\$0.8914		\$1.1063	\$2.1634
34	750	\$477.92	\$182.93	\$660.84	\$477.92		\$1,471.74	\$614.67	\$206.35	\$821.02	\$614.67		\$1,613.86			\$142.12	9.7%	\$0.8811		\$1.0947	\$2.1518
35	1,000	\$632.09	\$243.90	\$875.99	\$632.09	\$1,325.10	\$1,957.19	\$813.77	\$275.14	\$1,088.91	\$813.77	\$1,332.25	\$2,146.02	\$212.91	24.3%	\$188.83	9.6%	\$0.8760	\$1.9572	\$1.0889	\$2.1460
36																					

37 Estimated Bill Percentiles

Line 1 2

10

38 Winter - 25%	57	\$50.54	\$13.90	\$64.45				\$62.76	\$15.68	\$78.45				\$14.00	21.7%			\$1.1306		\$1.3763	
39 Winter - 50%	92	\$72.13	\$22.44	\$94.57				\$90.64	\$25.31	\$115.95				\$21.38	22.6%			\$1.0279		\$1.2603	
40 Winter - 75%	130	\$95.56	\$31.71	\$127.27				\$120.90	\$35.77	\$156.67				\$29.40	23.1%			\$0.9790		\$1.2052	
41 Summer - 25%	10				\$21.56	\$13.25	\$34.81				\$25.33	\$13.32	\$38.66			\$3.85	11.0%		\$3.4810		\$3.8657
42 Summer - 50%	17				\$25.88		\$48.40				\$30.91	\$22.65	\$53.56			\$5.15	10.6%		\$2.8472		\$3.1504
43 Summer - 75%	24				\$30.19	\$31.80	\$62.00				\$36.48	\$31.97	\$68.46			\$6.46	10.4%		\$2.5832		\$2.8524

Estimated Bill Percentiles per 2023 Company analysis

COMPARATIVE MONTHLY BILLING UNDER PRESENT AND PROPOSED RATES RATE R-3 : RESIDENTIAL HEATING CHANGE IN MONTHLY BILLS PER USAGE LEVELS





COMPARATIVE MONTHLY BILLING UNDER PRESENT AND PROPOSED RATES RATE R-4: LOW INCOME RESIDENTIAL HEATING

	R-4	R-4
Present Rates	Winter	Summer
COG (Excl Keen)	\$0.0729	\$1.2071
LDAC-GAP (Excl Keen)	\$0.1113	\$0.1180
Customer charge Sales rate	\$8.47	\$15.39
First Block Size		
Block 1	\$0.3392	\$0.6167
Block 2	\$0.3392	\$0.6167

	R-4	R-4
Proposed Rates	Winter	Summer
COG (Excl Keen)	\$0.0949	\$1.2051
LDAC-GAP (Excl Keen)	\$0.1205	\$0.1272
Customer charge Sales rate	\$9.55	\$17.37
First Block Size		
Block 1	\$0.4380	\$0.7964
Block 2	\$0.4380	\$0.7964

11																					
12			1	Monthly Bills	s at Presen	t Rates			Мо	nthly Bills a	t Proposed Ra	ites			Change in	Monthly Bi	II		Unit (Costs	
13	Use per		Winter			Summer			Winter			Summer		Wir	iter	Sun	nmer	Cur	rent	Prop	osed
	Month	Base	COG /		Base			Base	COG /			COG /		\$	%	\$					
14	(therms)	Rates	LDAC	TOTAL	Rates	COG / LDAC	TOTAL	Rates	LDAC	TOTAL	Base Rates	LDAC	TOTAL	Change	Change	Change	% Change	Winter	Summer	Winter	Summer
15																					
16	0	\$8.47	\$0.00	\$8.47	\$15.39	\$0.00	\$15.39	\$9.55	\$0.00	\$9.55	\$17.37	\$0.00	\$17.37	\$1.08	12.8%	\$1.98	12.8%	\$0.0000	\$0.0000	\$0.0000	\$0.0000
17	10	\$11.86	\$1.84	\$13.70	\$21.56	\$13.25	\$34.81	\$13.93	\$2.15	\$16.08	\$25.33	\$13.32	\$38.66	\$2.38	17.4%	\$3.85	11.0%	\$1.3700	\$3.4810	\$1.6084	\$3.8657
18	25	\$16.95	\$4.61	\$21.55	\$30.81	\$33.13	\$63.94	\$20.50	\$5.39	\$25.89	\$37.28	\$33.31	\$70.59	\$4.34	20.1%	\$6.65	10.4%	\$0.8620	\$2.5575	\$1.0354	\$2.8235
19	50	\$25.43	\$9.21	\$34.64	\$46.23	\$66.26	\$112.48	\$31.45	\$10.77	\$42.22	\$57.19	\$66.61	\$123.80	\$7.59	21.9%	\$11.32	10.1%	\$0.6927	\$2.2496		\$2.4761
20	75	\$33.91	\$13.82	\$47.72	\$61.64	\$99.38	\$161.03	\$42.40	\$16.16	\$58.56	\$77.10	\$99.92	\$177.02	\$10.84	22.7%	\$15.99	9.9%	\$0.6363	\$2.1470	\$0.7808	\$2.3603
21	100	\$42.39	\$18.42	\$60.81	\$77.06	\$132.51	\$209.57	\$53.35	\$21.54	\$74.89	\$97.01	\$133.23	\$230.24	\$14.09	23.2%	\$20.66	9.9%	\$0.6081	\$2.0957	\$0.7489	\$2.3024
22	125	\$50.87	\$23.03	\$73.89	\$92.48	\$165.64	\$258.12	\$64.30	\$26.93	\$91.23	\$116.92	\$166.53	\$283.45	\$17.34	23.5%	\$25.33	9.8%	\$0.5911	\$2.0649		\$2.2676
23	150	\$59.35	\$27.63	\$86.98	\$107.90	\$198.77	\$306.66	\$75.25	\$32.32	\$107.57	\$136.83	\$199.84	\$336.67	\$20.59	23.7%	\$30.01	9.8%	\$0.5798	\$2.0444	\$0.7171	\$2.2445
24	175	\$67.83	\$32.24	\$100.06	\$123.31	\$231.89	\$355.21	\$86.20	\$37.70	\$123.90	\$156.74	\$233.14	\$389.88	\$23.84	23.8%	\$34.68	9.8%	\$0.5718	\$2.0298	\$0.7080	\$2.2279
25	200	\$76.31	\$36.84	\$113.15	\$138.73	\$265.02	\$403.75	\$97.15	\$43.09	\$140.24	\$176.65	\$266.45	\$443.10	\$27.09	23.9%	\$39.35	9.7%	\$0.5657	\$2.0188	\$0.7012	\$2.2155
26	225	\$84.79	\$41.45	\$126.23	\$154.15	\$298.15	\$452.30	\$108.10	\$48.47	\$156.57	\$196.56	\$299.76	\$496.32	\$30.34	24.0%	\$44.02	9.7%	\$0.5610	\$2.0102	\$0.6959	\$2.2059
27	250	\$93.27	\$46.05	\$139.32	\$169.57	\$331.28	\$500.84	\$119.05	\$53.86	\$172.91	\$216.47	\$333.06	\$549.53	\$33.59	24.1%	\$48.69	9.7%	\$0.5573		\$0.6916	\$2.1981
28	275	\$101.75	\$50.66	\$152.40	\$184.98	\$364.40	\$549.39	\$130.00	\$59.25	\$189.25	\$236.38	\$366.37	\$602.75	\$36.84	24.2%	\$53.36	9.7%	\$0.5542	\$1.9978	\$0.6882	\$2.1918
29	300	\$110.23	\$55.26	\$165.49	\$200.40	\$397.53	\$597.93	\$140.95	\$64.63	\$205.58	\$256.29	\$399.68	\$655.97	\$40.10	24.2%	\$58.03	9.7%	\$0.5516	\$1.9931	\$0.6853	\$2.1866
30	350	\$127.19	\$64.47	\$191.66	\$231.24	\$463.79	\$695.02	\$162.85	\$75.40	\$238.25	\$296.11	\$466.29	\$762.40	\$46.60	24.3%	\$67.38	9.7%	\$0.5476	\$1.9858	\$0.6807	\$2.1783
31	400	\$144.15	\$73.68	\$217.83	\$262.07	\$530.04	\$792.11	\$184.75	\$86.17	\$270.92	\$335.93	\$532.90	\$868.83	\$53.10	24.4%	\$76.72	9.7%	\$0.5446			\$2.1721
32	450	\$161.11	\$82.89	\$244.00	\$292.91	\$596.30	\$889.20	\$206.65	\$96.95	\$303.60	\$375.75	\$599.51	\$975.26	\$59.60	24.4%	\$86.06	9.7%	\$0.5422			\$2.1673
33	500	\$178.07	\$92.10	\$270.17	\$323.74	\$662.55	\$986.29	\$228.55	\$107.72	\$336.27	\$415.57	\$666.13	\$1,081.70	\$66.10	24.5%	\$95.40	9.7%	\$0.5403	\$1.9726	\$0.6725	\$2.1634
34	750	\$262.87	\$138.15	\$401.02	\$477.92	\$993.83	\$1,471.74	\$338.05	\$161.58	\$499.63	\$614.67	\$999.19	\$1,613.86	\$98.61	24.6%	\$142.12	9.7%	\$0.5347	\$1.9623	\$0.6662	\$2.1518
35	1,000	\$347.67	\$184.20	\$531.87	\$632.09	\$1,325.10	\$1,957.19	\$447.55	\$215.44	\$662.99	\$813.77	\$1,332.25	\$2,146.02	\$131.12	24.7%	\$188.83	9.6%	\$0.5319	\$1.9572	\$0.6630	\$2.1460

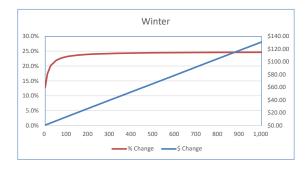
	Estima	ated	Bill	Perce	ntiles
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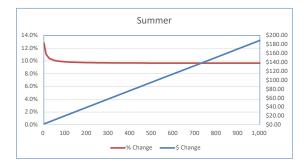
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55		1,000	φοο.	Ψ104.20	Ψ331.07	Ψ03Z.03	ψ1,323.10	ψ1,331.13	Ψ111.00	ΨZ 13.44	\$00Z.33	Ψ013.77	ψ1,00Z.Z0	ΨZ, 140.0Z	Ψ101.12	24.1 /0	Ψ100.03	3.070	Ψ0.5519	ψ1.331Z	ψ0.0030	ΨZ.1400
36			_																			
37	Estimated Bill Per	centiles																				
38	Winter - 25%	53	\$26.44	\$9.76	\$36.21				\$32.76	\$11.42	\$44.18				\$7.98	22.0%			\$0.6831		\$0.8336	
39	Winter - 50%	87	\$37.98	\$16.03	\$54.00				\$47.66	\$18.74	\$66.40				\$12.40	23.0%			\$0.6207		\$0.7632	
40	Winter - 75%	127	\$51.54	\$23.39	\$74.94				\$65.18	\$27.36	\$92.54				\$17.60	23.5%			\$0.5901		\$0.7286	
41	Summer - 25%	11				\$22.18	\$14.58	\$36.75				\$26.13	\$14.65	\$40.79			\$4.03	11.0%		\$3.3411		\$3.7077
	Summer - 50%	18				\$26.49	\$23.85	\$50.34				\$31.71	\$23.98	\$55.69			\$5.34	10.6%		\$2.7969		\$3.0937
43	Summer - 75%	27				\$32.04	\$35.78	\$67.82				\$38.87	\$35.97	\$74.84			\$7.02	10.4%		\$2.5119		\$2.7720

Estimated Bill Percentiles per 2023 Company analysis

COMPARATIVE MONTHLY BILLING UNDER PRESENT AND PROPOSED RATES RATE R-4: LOW INCOME RESIDENTIAL HEATING CHANGE IN MONTHLY BILLS PER USAGE LEVELS





COMPARATIVE MONTHLY BILLING UNDER PRESENT AND PROPOSED RATES RATE G-41: COMMERCIAL/INDUSTRIAL - LOW ANNUAL USE, HIGH WINTER USE

\$125 \$181

\$304

\$22

\$53

\$122

	G-41	G-41
Present Rates	Winter	Summer
COG (Excl Keen)	\$0.1327	\$1.2074
LDAC-GAP (Excl Keen)	\$0.0890	\$0.0957
Customer charge Sales rate	\$60.81	\$60.81
First Block Size	100	20
Block 1	\$0.4928	\$0.4928
Block 2	\$0.3390	\$0.3390

	G-41	G-41
Proposed Rates	Winter	Summer
COG (Excl Keen)	\$0.1547	\$1.2054
LDAC-GAP (Excl Keen)	\$0.0982	\$0.1049
Customer charge Sales rate	\$67.38	\$67.38
First Block Size	100	20
Block 1	\$0.6529	\$0.6529
Block 2	\$0.4491	\$0.4491

11																					
12			N	Nonthly Bills	at Present	t Rates			Мо	onthly Bills	at Proposed Rate	es		(change in	Monthly Bil			Unit	t Costs	
13	Use per		Winter			Summer			Winter		S	ummer		Wint	er	Sum	mer	Cur	rent	Prop	osed
	Month	Base	COG /		Base			Base	COG /			COG /			%		%				
14	(therms)	Rates	LDAC	TOTAL	Rates	COG / LDAC	TOTAL	Rates	LDAC	TOTAL	Base Rates	LDAC	TOTAL	\$ Change	Change	\$ Change	Change	Winter	Summer	Winter	Summer
15	i																				
16	0	\$61	\$0	\$61	\$61	\$0	\$61	\$67	\$0	\$67	\$67	\$0	\$67	\$6.57	10.8%	\$6.57		\$0.0000		\$0.0000	\$0.0000
17	10	\$66	\$2	\$68	\$66	\$13	\$79	\$74	\$3	\$76	\$74	\$13	\$87	\$8.48	12.5%	\$8.24		\$6.7960		\$7.6438	\$8.7012
18		\$73	\$6	\$79	\$72	\$33	\$105	\$84	\$6	\$90	\$83	\$33	\$115	\$11.35	14.4%	\$10.50		\$3.1471		\$3.6010	\$4.6176
19		\$85	\$11	\$97	\$81	\$65	\$146	\$100	\$13	\$113	\$94	\$66	\$159	\$16.13	16.7%	\$13.43		\$1.9308		\$2.2534	\$3.1885
20		\$98	\$17	\$114	\$89	\$98	\$187	\$116	\$19	\$135	\$105	\$98	\$203	\$20.92	18.3%	\$16.36		\$1.5254		\$1.8042	\$2.7121
21		\$110	\$22	\$132	\$98	\$130	\$228	\$133	\$25	\$158	\$116	\$131	\$247	\$25.70	19.4%	\$19.29		\$1.3226		\$1.5796	\$2.4739
22		\$127	\$33	\$160	\$115	\$195	\$310	\$155	\$38	\$193	\$139	\$197	\$335	\$32.77	20.4%	\$25.15	-	\$1.0687		\$1.2871	\$2.2357
23		\$144	\$44	\$188	\$132	\$261	\$392	\$178	\$51	\$228	\$161	\$262	\$423	\$39.83	21.2%	\$31.02		\$0.9417		\$1.1408	\$2.1166
24		\$161	\$55	\$216	\$149	\$326	\$474	\$200	\$63	\$263	\$184	\$328	\$511	\$46.90	21.7%	\$36.88		\$0.8655		\$1.0531	\$2.0452
25		\$178	\$67	\$244	\$166	\$391	\$557	\$222	\$76	\$298	\$206	\$393	\$599	\$53.97	22.1%	\$42.74		\$0.8147		\$0.9946	\$1.9975
26		\$195	\$78	\$272	\$183	\$456	\$639	\$245	\$89	\$333	\$229	\$459	\$687	\$61.03	22.4%	\$48.60	-	\$0.7784		\$0.9528	\$1.9635
27		\$212	\$89	\$300	\$199	\$521	\$721	\$267	\$101	\$369	\$251	\$524	\$775	\$68.10	22.7%	\$54.47		\$0.7512		\$0.9214	\$1.9380
28		\$246	\$111	\$357	\$233	\$652	\$885	\$312	\$126	\$439	\$296	\$655	\$951	\$82.23	23.1%	\$66.19		\$0.7131		\$0.8776	\$1.9023
29		\$280	\$133	\$413	\$267	\$782	\$1,049	\$357	\$152	\$509	\$341	\$786	\$1,127	\$96.37	23.4%	\$77.92		\$0.6877		\$0.8483	\$1.8784
30		\$313	\$155	\$469	\$301	\$912	\$1,213	\$402	\$177	\$579	\$386	\$917	\$1,303		23.6%	\$89.64		\$0.6695		\$0.8274	\$1.8614
31		\$347	\$177	\$525	\$335	\$1,042	\$1,378	\$447	\$202	\$649	\$431	\$1,048	\$1,479	\$124.64	23.8%	\$101.37		\$0.6559		\$0.8117	\$1.8487
32		\$381	\$200 \$222	\$581 \$637	\$369 \$403	\$1,173	\$1,542	\$492	\$228	\$720	\$476	\$1,179	\$1,655		23.9%	\$113.09		\$0.6454		\$0.7995	\$1.8388
33	,	\$415		\$637 \$777		\$1,303	\$1,706	\$537	\$253	\$790	\$521	\$1,310	\$1,831	\$152.90	24.0%	\$124.82	-	\$0.6369		\$0.7898	\$1.8308
34		\$500 \$585	\$277		\$488 \$572	\$1,629	\$2,117	\$649 \$761	\$316	\$965	\$633 \$745	\$1,638	\$2,271	\$188.24	24.2%	\$154.13		\$0.6217		\$0.7722	\$1.8165
35 36	·	φυου	\$333	\$917	φ 372	\$1,955	\$2,527	\$701	\$379	\$1,141	\$745	\$1,965	\$2,710	\$223.57	24.4%	\$183.45	7.3%	\$0.6115	\$1.0847	\$0.7605	\$1.8070
36																					
31	Estimated bill Percentiles																				

\$147

\$234

\$425

\$23.40

\$40.96

\$79.55

\$75 \$95

\$149

\$5 \$18 \$58

\$70

\$77 \$91 18.9%

21.2%

23.0%

\$1.4056

\$0.9270

\$0.7191

#######

\$6.1398

\$3.0942

10.6% 10.4%

\$7.23

\$8.91

\$12.72

\$1.6715

\$1.1240

\$0.8845

\$18.8082 \$6.7760

\$3.3834

Estimated Bill Percentiles per 2023 Company analysis

88

208

481

4

14

44

\$104

\$147

\$239

\$20

\$46

\$107

\$124

\$193

\$346

\$63

\$68 \$79 \$5

\$18

\$68

\$86

\$136

38 Winter - 25%

39 Winter - 50%

40 Winter - 75%

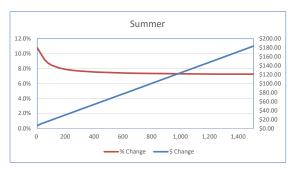
41 Summer - 25%

42 Summer - 50%

43 Summer - 75%

COMPARATIVE MONTHLY BILLING UNDER PRESENT AND PROPOSED RATES RATE G-41 : COMMERCIAL/INDUSTRIAL - LOW ANNUAL USE, HIGH WINTER USE CHANGE IN MONTHLY BILLS PER USAGE LEVELS





COMPARATIVE MONTHLY BILLING UNDER PRESENT AND PROPOSED RATES RATE G-42 : COMMERCIAL/INDUSTRIAL - MEDIUM ANNUAL USE, HIGH WINTER USE

	G-42	G-42
Present Rates	Winter	Summer
COG (Excl Keen)	\$0.1327	\$1.2074
LDAC-GAP (Excl Keen)	\$0.0890	\$0.0957
Customer charge	\$182.42	\$182.42
Sales rate		
First Block Size	1000	400
Block 1	\$0.4485	\$0.4485
Block 2	\$0.3063	\$0.3063

	G-42	G-42
Proposed Rates	Winter	Summer
COG (Excl Keen)	\$0.1547	\$1.2054
LDAC-GAP (Excl Keen)	\$0.0982	\$0.1049
Customer charge Sales rate	\$202.13	\$202.13
First Block Size	1000	400
Block 1	\$0.5667	\$0.5667
Block 2	\$0.3870	\$0.3870

11																					
12			N	Monthly Bills	at Presen	t Rates			Mont	hly Bills at	Proposed Rate	es			Change in	Monthly Bi	l		Unit	Costs	
13	Use per		Winter			Summer			Winter		Sı	ummer		Win	ter	Sun	nmer	Cur	rent	Prop	osed
	Month	Base	COG /		Base			Base	COG/			COG /			%						
14	(therms)	Rates	LDAC	TOTAL	Rates	COG / LDAC	TOTAL	Rates	LDAC	TOTAL	Base Rates	LDAC	TOTAL	\$ Change	Change	\$ Change	% Change	Winter	Summer	Winter	Summer
15																					
16	0	\$182	\$0	\$182	\$182	\$0	\$182	\$202	\$0	\$202	\$202	\$0	\$202	\$19.71	10.8%	\$19.71	10.8%	-	\$0.0000		\$0.0000
17	10	\$187	\$2	\$189	\$187	\$13	\$200	\$208	\$3	\$210	\$208	\$13	\$221	\$21.20	11.2%	\$20.96		\$18.9123		\$21.0326	\$22.0900
18	25	\$194	\$6	\$199	\$194	\$33	\$226	\$216	\$6	\$223	\$216	\$33	\$249	\$23.45	11.8%	\$22.84	10.1%	\$7.9670	\$9.0484	\$8.9048	\$9.9622
19	50	\$205	\$11	\$216	\$205	\$65	\$270	\$230	\$13	\$243	\$230	\$66	\$296	\$27.18	12.6%	\$25.98	9.6%	\$4.3186	\$5.4000	\$4.8622	\$5.9196
20	75	\$216	\$17	\$233	\$216	\$98	\$314	\$245	\$19	\$264	\$245	\$98	\$343	\$30.92	13.3%	\$29.11	9.3%	\$3.1025	\$4.1839		\$4.5720
21	100	\$227	\$22	\$249	\$227	\$130	\$358	\$259	\$25	\$284	\$259	\$131	\$390	\$34.65	13.9%	\$32.24	9.0%	\$2.4944	\$3.5758	\$2.8409	\$3.8983
22	150	\$250	\$33	\$283	\$250	\$195	\$445	\$287	\$38	\$325	\$287	\$197	\$484	\$42.12	14.9%	\$38.51	8.7%	\$1.8863	\$2.9677	\$2.1672	\$3.2245
23	200	\$272 \$295	\$44	\$316	\$272 \$295	\$261	\$533	\$315 \$344	\$51	\$366	\$315 \$344	\$262	\$578	\$49.60	15.7%	\$44.78	8.4%	\$1.5823	\$2.6637	\$1.8303	\$2.8876
24	250 300	\$295 \$317	\$55	\$350	\$295 \$317	\$326	\$620 \$708	\$344 \$372	\$63 \$76	\$407	, ,	\$328 \$393	\$671 \$765	\$57.07	16.3% 16.8%	\$51.05 \$57.32		\$1.3999	\$2.4813		\$2.6855
25		\$317	\$67 \$78	\$383 \$417	\$317	\$391	\$708 \$795	\$372 \$400		\$448	\$372 \$400			\$64.54			8.1% 8.0%	\$1.2783	\$2.3597	\$1.4934	\$2.5507
26 27	350 400	\$362	\$78 \$89	\$417 \$451	\$362	\$456 \$521	\$795 \$883	\$400 \$429	\$89 \$101	\$489 \$530	\$400 \$429	\$459 \$524	\$859 \$953	\$72.01 \$79.48	17.3% 17.6%	\$63.58 \$69.85	7.9%	\$1.1914 \$1.1263	\$2.2728 \$2.2077	\$1.3972 \$1.3250	\$2.4545 \$2.3823
28	500	\$302 \$407	\$09 \$111	\$451 \$518	\$392	\$652	\$1.044	\$429 \$485	\$101	\$612	\$429 \$468	\$655	\$1,123	\$94.43	18.2%	\$78.64	7.5%	\$1.0350	\$2.2077		\$2.3623
29	750	\$407 \$519	\$166	\$685	\$392 \$469	\$977	\$1,044	\$627	\$120 \$190	\$817	\$466 \$564	\$983	\$1,123	\$131.79	19.2%	\$100.60	7.5%	\$0.9134	\$1.9285		\$2.2453
30	1.000	\$631	\$222	\$853	\$546	\$1,303	\$1,440	\$769	\$253	\$1,022	\$661	\$1,310	\$1,347	\$169.15	19.2 %	\$100.00	6.6%	\$0.8526	\$1.8487	\$1.0091	\$1.9713
31	1,500	\$784	\$333	\$1,117	\$699	\$1,955	\$2,653	\$962	\$379	\$1,342	\$855	\$1,965	\$2,820	\$225.11	20.2%	\$166.49	6.3%	\$0.7444	\$1.7689	\$0.8945	\$1.8799
32	2.000	\$937	\$443	\$1,381	\$852	\$2,606	\$3,458	\$1,156	\$506	\$1,662	,	\$2,621	\$3,669	\$281.08	20.4%	\$210.42	6.1%	\$0.6903	\$1.7291	\$0.8309	\$1.8343
33	3.000	\$1,244	\$665	\$1,909	\$1,158	\$3,909	\$5,068	\$1,130	\$759	\$2,302	\$1,435	\$3,931	\$5,366	\$393.02	20.4%	\$298.27	5.9%	\$0.6362	\$1.6892	\$0.7672	\$1.7886
34	4,000	\$1,550	\$887	\$2,437	\$1,465	\$5,212	\$6,677	\$1,930	\$1,012	\$2,942	\$1,822	\$5,241	\$7,063		20.7%	\$386.13	5.8%	\$0.6092	\$1.6692	\$0.7354	\$1.7658
35	5.000	\$1,856	\$1,109	\$2,965	\$1,771	\$6,516	\$8,286	\$2,317	\$1,265	\$3,582	\$2,209	\$6,551	\$8,760		20.8%	\$473.98		\$0.5929			\$1.7521
36	0,000		Ţ.,100	+ =,000		φο,σ το	Ţ 3,200		Ţ., 200	+3,002		+=,001	72,100	+170.00	_5.070	Ţ.70.00	0.1 70	Ţ1.00E0	ŢOOT O	Ţ 100	Ţ OZ 1

Estimated Bill	Percentiles
Winter - 25%	1 544

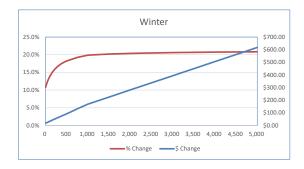
Line 1

10

36																						
37	37 Estimated Bill Percentiles 38 Winter - 25% 1.544 \$708 \$342 \$1.140 \$1.00 \$1.00 \$301 \$1.370 \$1.370 \$1.00 \$230.04 \$20.04 \$2.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00																					
38	Winter - 25%	1,544	\$798	\$342	\$1,140				\$979	\$391	\$1,370				\$230.04	20.2%			\$0.7382		\$0.8872	
39	Winter - 50%	2,286	\$1,025	\$507	\$1,532				\$1,267	\$578	\$1,845				\$313.10	20.4%			\$0.6700		\$0.8070	
40	Winter - 75%	3,695	\$1,456	\$819	\$2,276				\$1,812	\$935	\$2,746				\$470.82	20.7%			\$0.6159		\$0.7433	
41	Summer - 25%	152				\$250	\$197	\$448				\$288	\$199	\$486			\$38.70	8.6%		\$2.9557		\$3.2111
42	Summer - 50%	363				\$345	\$472	\$817				\$408	\$475	\$883			\$65.15	8.0%		\$2.2548		\$2.4346
43	Summer - 75%	637				\$434	\$830	\$1,264				\$521	\$835	\$1,355			\$90.67	7.2%		\$1.9851		\$2.1274

Estimated Bill Percentiles per 2023 Company analysis

COMPARATIVE MONTHLY BILLING UNDER PRESENT AND PROPOSED RATES RATE G-42 : COMMERCIAL/INDUSTRIAL - MEDIUM ANNUAL USE, HIGH WINTER USE CHANGE IN MONTHLY BILLS PER USAGE LEVELS





COMPARATIVE MONTHLY BILLING UNDER PRESENT AND PROPOSED RATES RATE G-43: COMMERCIAL/INDUSTRIAL - HIGH ANNUAL USE, HIGH WINTER USE

	G-43	G-43
Present Rates	Winter	Summer
COG (Excl Keen)	\$0.1327	\$1.2074
LDAC-GAP (Excl Keen)	\$0.0890	\$0.0957
Customer charge Sales rate	\$781.17	\$781.17
First Block Size		
Block 1	\$0.2766	\$0.1344
Block 2	\$0.2766	\$0.1344

	G-43	G-43
Proposed Rates	Winter	Summer
COG (Excl Keen)	\$0.1547	\$1.2054
LDAC-GAP (Excl Keen)	\$0.0982	\$0.1049
Customer charge Sales rate	\$865.55	\$865.55
First Block Size		
Block 1	\$0.3471	\$0.1687
Block 2	\$0.3471	\$0.1687

11																					
12			١	Monthly Bills	s at Presen	t Rates			Mo	nthly Bills a	t Proposed Rat	es		С	hange in	Monthly Bi	I		Unit	Costs	
13	Use per		Winter			Summer			Winter		S	Summer		Wint	er	Sun	nmer	Cur	rent	Propo	osed
	Month	Base	COG /		Base			Base	COG /			COG/			%		%				
14	(therms)	Rates	LDAC	TOTAL	Rates	COG / LDAC	TOTAL	Rates	LDAC	TOTAL	Base Rates	LDAC	TOTAL	\$ Change	Change	\$ Change	Change	Winter	Summer	Winter	Summer
15																					
16	200	\$836	\$44	\$881	\$808	\$261	\$1,069	\$935	\$51	\$986	\$899	\$262	\$1,161	\$104.73	11.9%	\$92.67	8.7%	\$4.4041	\$5.3433	\$4.9278	\$5.8067
17	500	\$919	\$111	\$1,030	\$848	\$652	\$1,500	\$1,039	\$126	\$1,166	\$950	\$655	\$1,605	\$135.25	13.1%	\$105.11	7.0%	\$2.0606	\$2.9998	\$2.3311	\$3.2101
18	1,000	\$1,058	\$222	\$1,279	\$916	\$1,303	\$2,219	\$1,213	\$253	\$1,466	\$1,034	\$1,310	\$2,345	\$186.12	14.5%	\$125.84	5.7%	\$1.2795	\$2.2187	\$1.4656	\$2.3445
19	1,250	\$1,127	\$277	\$1,404	\$949	\$1,629	\$2,578	\$1,299	\$316	\$1,616	\$1,076	\$1,638	\$2,714	\$211.55	15.1%	\$136.20	5.3%	\$1.1232	\$2.0624	\$1.2925	\$2.1714
20	1,500	\$1,196	\$333	\$1,529	\$983	\$1,955	\$2,937	\$1,386	\$379	\$1,766	\$1,119	\$1,965	\$3,084	\$236.99	15.5%		5.0%	\$1.0191		\$1.1771	\$2.0560
21	1,750	\$1,265	\$388	\$1,653	\$1,016	\$2,280	\$3,297	\$1,473	\$443	\$1,916	\$1,161	\$2,293	\$3,454	\$262.42	15.9%	\$156.93	4.8%	\$0.9447	\$1.8839	\$1.0946	\$1.9736
22	2,000	\$1,334	\$443	\$1,778	\$1,050	\$2,606	\$3,656	\$1,560	\$506	\$2,066	\$1,203	\$2,621	\$3,823	\$287.86	16.2%	\$167.29	4.6%		\$1.8281	\$1.0328	\$1.9117
23	****	\$1,473	\$554	\$2,027	\$1,117	\$3,258	\$4,375	\$1,733	\$632	\$2,366	\$1,287	\$3,276	\$4,563	\$338.72	16.7%	\$188.02	4.3%	\$0.8108	\$1.7500	\$0.9463	\$1.8252
24		\$1,611	\$665	\$2,276	\$1,184	\$3,909	\$5,094	\$1,907	\$759	\$2,666	\$1,372	\$3,931	\$5,302	\$389.59	17.1%	\$208.74	4.1%	\$0.7587	\$1.6979	\$0.8886	\$1.7675
25		\$1,749	\$776	\$2,525	\$1,252	\$4,561	\$5,812	\$2,080	\$885	\$2,966	\$1,456	\$4,586	\$6,042	\$440.46	17.4%	\$229.47	3.9%		\$1.6607	\$0.8473	\$1.7263
26		\$1,888	\$887	\$2,774	\$1,319	\$5,212	\$6,531	\$2,254	\$1,012	\$3,266	\$1,540	\$5,241	\$6,781	\$491.33	17.7%	\$250.20	3.8%		\$1.6328	\$0.8164	\$1.6953
27	4,500	\$2,026	\$998	\$3,024	\$1,386	\$5,864	\$7,250	\$2,428	\$1,138	\$3,566	\$1,625	\$5,896	\$7,521	\$542.20	17.9%	\$270.93	3.7%		\$1.6111	\$0.7924	\$1.6713
28		\$2,164	\$1,109	\$3,273	\$1,453	\$6,516	\$7,969	\$2,601	\$1,265	\$3,866	\$1,709	\$6,551	\$8,260	\$593.07	18.1%	\$291.65	3.7%		\$1.5937	\$0.7731	\$1.6521
29		\$2,441	\$1,330	\$3,771	\$1,588	\$7,819	\$9,406	\$2,948	\$1,518	\$4,466	\$1,878	\$7,862	\$9,739	\$694.80	18.4%	\$333.11	3.5%		\$1.5677	\$0.7443	\$1.6232
30	****	\$2,717	\$1,552	\$4,269	\$1,722	\$9,122	\$10,844	\$3,295	\$1,771	\$5,066	\$2,046	\$9,172	\$11,218	\$796.54	18.7%	\$374.56	3.5%		\$1.5491	\$0.7237	\$1.6026
31	8,000	\$2,994	\$1,774	\$4,768	\$1,856	\$10,425	\$12,281	\$3,642	\$2,023	\$5,666	\$2,215	\$10,482	\$12,697	\$898.28	18.8%	\$416.02	3.4%		\$1.5351	\$0.7082	\$1.5871
32	9,000	\$3,271	\$1,995	\$5,266	\$1,991	\$11,728	\$13,719	\$3,989	\$2,276	\$6,266	\$2,384	\$11,792		\$1,000.01	19.0%	\$457.47	3.3%		\$1.5243	\$0.6962	\$1.5751
33		\$3,547	\$2,217	\$5,764	\$2,125	\$13,031	\$15,156	\$4,337	\$2,529	\$6,866	\$2,553	\$13,103		\$1,101.75	19.1%	\$498.93	3.3%		\$1.5156	\$0.6866	\$1.5655
34	15,000	\$4,930	\$3,326	\$8,256	\$2,797	\$19,547	\$22,344	\$6,072	\$3,794	\$9,866	\$3,396	\$19,654		\$1,610.44	19.5%	\$706.20	3.2%		\$1.4896	\$0.6577	\$1.5367
35	.,	\$6,313	\$4,434	\$10,747	\$3,469	\$26,062	\$29,531	\$7,808	\$5,059	\$12,866	\$4,240	\$26,205	\$30,445	\$2,119.12	19.7%	\$913.47	3.1%	\$0.5374	\$1.4766	\$0.6433	\$1.5222
36																					
37	Estimated Bill Percentiles																				
38	Winter - 25% 9.000	\$3.271	\$1,995	\$5,266			,	\$3,989	\$2,276	\$6,266				\$1.000.01	19.0%			\$0.5851	,	\$0.6962	

\$6,266

\$9,866

\$941

\$1,456 \$2,553

\$590

\$4,586

\$13,103

\$1,531

\$6,042

\$15,655

\$15,866

\$1,000.01

\$1,610.44

\$2,627.81

19.5%

19.8%

\$103.04

\$229.47

\$498.93

\$0.5504

\$0.5295

7.2%

3.9%

\$3.1734

\$1.6607

\$1.5156

\$0.6577

\$0.6347

\$3.4024

\$1.7263

\$1.5655

\$2,276

\$3,794

\$6,323

\$6,072

\$9,543

Estimated Bill Percentiles per 2010 MCS

9,000

15,000

25,000

450

3,500

10,000

\$3,271

\$4,930

\$7,696

\$8,256

\$842

\$1,252 \$2,125

\$586

\$4,561

\$1,428

\$5,812

\$15,156

\$13,239

\$3,326

\$5,543

38 Winter - 25%

39 Winter - 50%

40 Winter - 75%

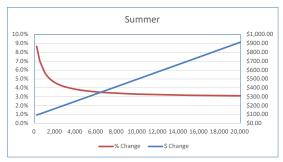
41 Summer - 25%

42 Summer - 50%

43 Summer - 75%

COMPARATIVE MONTHLY BILLING UNDER PRESENT AND PROPOSED RATES RATE G-43 : COMMERCIAL/INDUSTRIAL - HIGH ANNUAL USE, HIGH WINTER USE CHANGE IN MONTHLY BILLS PER USAGE LEVELS





COMPARATIVE MONTHLY BILLING UNDER PRESENT AND PROPOSED RATES RATE G-51: COMMERCIAL/INDUSTRIAL - LOW ANNUAL USE, LOW WINTER USE

	G-51	G-51
Present Rates	Winter	Summer
COG (Excl Keen)	\$0.1322	\$1.2068
LDAC-GAP (Excl Keen)	\$0.0890	\$0.0957
Customer charge	\$60.87	\$60.87
Sales rate First Block Size	100	100
Block 1	\$0.2970	\$0.2970
Block 2	\$0.1983	\$0.1983

	G-51	G-51
Proposed Rates	Winter	Summer
COG (Excl Keen)	\$0.1542	\$1.2048
LDAC-GAP (Excl Keen)	\$0.0982	\$0.1049
Customer charge Sales rate	\$67.45	\$67.45
First Block Size	100	100
Block 1	\$0.4033	\$0.4033
Block 2	\$0.2693	\$0.2693

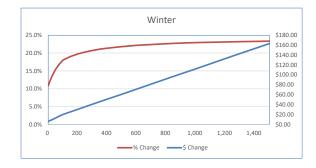
11																					
12			N	onthly Bills	at Present	t Rates			Mo	onthly Bills	at Proposed Rat	es			Change in I	Monthly Bil	!		Unit	Costs	
13	Use per		Winter			Summer			Winter		S	ummer		Wir	nter	Sum	ımer	Cui	rrent	Propo	osed
	Month	Base	COG /		Base			Base	COG /			COG /		\$	%		%				
14	(therms)	Rates	LDAC	TOTAL	Rates	COG / LDAC	TOTAL	Rates	LDAC	TOTAL	Base Rates	LDAC	TOTAL	Change	Change	\$ Change	Change	Winter	Summer	Winter	Summer
15																					
16	0	\$61	\$0	\$61	\$61	\$0	\$61	\$67	\$0	\$67	\$67	\$0	\$67	\$6.58	10.8%	\$6.58	10.8%	\$0.0000	\$0.0000	\$0.0000	\$0.0000
17	10	\$64	\$2	\$66	\$64	\$13	\$77	\$71	\$3	\$74	\$71	\$13	\$85	\$7.95	12.0%	\$7.71	10.0%	\$6.6053	\$7.6866	\$7.4007	\$8.4580
18	25	\$68	\$6	\$74	\$68	\$33	\$101	\$78	\$6	\$84	\$78	\$33	\$110	\$10.02	13.6%	\$9.42	9.3%	\$2.9530	\$4.0343	\$3.3537	\$4.4110
19	50	\$76	\$11	\$87	\$76	\$65	\$141	\$88	\$13	\$100		\$65	\$153		15.5%	\$12.25		\$1.7356	\$2.8169	\$2.0047	\$3.0620
20	75	\$83	\$17	\$100	\$83	\$98	\$181	\$98	\$19	\$117	\$98	\$98	\$196		16.9%	\$15.09		\$1.3298	\$2.4111	\$1.5551	\$2.6123
21	100	\$91	\$22	\$113	\$91	\$130	\$221	\$108	\$25	\$133	\$108	\$131	\$239	\$20.33	18.0%	\$17.92	8.1%	\$1.1269	\$2.2082	\$1.3302	\$2.3875
22	150	\$100	\$33	\$134	\$100	\$195	\$296	\$121	\$38	\$159	\$121	\$196	\$318		19.0%	\$21.83		\$0.8911	\$1.9724	\$1.0607	\$2.1180
23	200	\$110	\$44	\$155	\$110	\$261	\$371	\$135	\$50	\$185	\$135	\$262	\$397	\$30.56	19.8%	\$25.74		\$0.7732	\$1.8545	\$0.9260	\$1.9832
24	250	\$120	\$55	\$176	\$120	\$326	\$446	\$148	\$63	\$211	\$148	\$327	\$476	\$35.67	20.3%	\$29.65	6.6%	\$0.7025	\$1.7838	\$0.8451	\$1.9024
25	300	\$130	\$66	\$197	\$130	\$391	\$521	\$162	\$76	\$237	\$162	\$393	\$555	\$40.78	20.7%	\$33.56		\$0.6553	\$1.7366		\$1.8485
26	350	\$140	\$77	\$218	\$140	\$456	\$596	\$175	\$88	\$263	\$175	\$458	\$633	\$45.89	21.1%	\$37.46		\$0.6216	\$1.7029	\$0.7527	\$1.8100
27	400	\$150	\$88	\$239	\$150	\$521	\$671	\$189	\$101	\$290	\$189	\$524	\$712	\$51.00	21.4%	\$41.37	6.2%	\$0.5964	\$1.6777	\$0.7239	\$1.7811
28	500	\$170	\$111	\$280	\$170	\$651	\$821	\$216	\$126	\$342	\$216	\$655	\$870	\$61.23	21.8%	\$49.19		\$0.5610	\$1.6423	\$0.6834	\$1.7407
29	600	\$190	\$133	\$322	\$190	\$782	\$971	\$242	\$151	\$394	\$242	\$786	\$1,028		22.2%	\$57.00		\$0.5374	\$1.6187	\$0.6565	\$1.7137
30	700	\$210	\$155	\$364	\$210	\$912	\$1,121	\$269	\$177	\$446	\$269	\$917	\$1,186		22.4%	\$64.82		\$0.5206	\$1.6019		\$1.6945
31	800	\$229	\$177	\$406	\$229	\$1,042	\$1,271	\$296	\$202	\$498	\$296	\$1,048	\$1,344	\$91.90	22.6%	\$72.63	5.7%	\$0.5079	\$1.5892	\$0.6228	\$1.6800
32	900	\$249	\$199	\$448	\$249	\$1,172	\$1,421	\$323	\$227	\$550	\$323	\$1,179	\$1,502	\$102.12	22.8%	\$80.45	5.7%	\$0.4981	\$1.5794	\$0.6116	\$1.6688
33	1,000	\$269	\$221	\$490	\$269	\$1,303	\$1,572	\$350	\$252	\$603	\$350	\$1,310		\$112.35	22.9%	\$88.26		\$0.4902	\$1.5715	\$0.6026	\$1.6598
34	1,250	\$319	\$277	\$595	\$319	\$1,628	\$1,947	\$417	\$316	\$733	\$417	\$1,637	\$2,055	\$137.91	23.2%	\$107.80		\$0.4761	\$1.5574	\$0.5864	\$1.6436
35	1,500	\$368	\$332	\$700	\$368	\$1,954	\$2,322	\$485	\$379	\$863	\$485	\$1,964	\$2,449	\$163.47	23.4%	\$127.34	5.5%	\$0.4667	\$1.5480	\$0.5756	\$1.6329
36																					

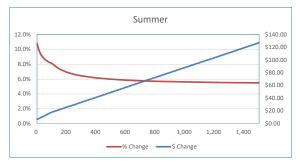
Estimated Bill	Percentiles
Winter - 25%	21

34	1,250	\$319	\$277	\$595	\$319	\$1,628	\$1,947	\$417	\$316	\$733	\$417	\$1,637	\$2,055 \$137	23.2%	\$107.80	5.5%	\$0.4761	\$1.5574	\$0.5864	\$1.6436
35	1,500	\$368	\$332	\$700	\$368	\$1,954	\$2,322	\$485	\$379	\$863	\$485	\$1,964	\$2,449 \$163	17 23.4%	\$127.34	5.5%	\$0.4667	\$1.5480	\$0.5756	\$1.6329
36																				<u> </u>
37 Estimated Bill Po	ercentiles																			
38 Winter - 25%	21	\$67	\$5	\$72				\$76	\$5	\$81			\$9	13.2%			\$3.4168		\$3.8676	
39 Winter - 50%	171	\$105	\$38	\$142				\$127	\$43	\$170			\$27	19.4%			\$0.8332		\$0.9945	
40 Winter - 75%	434	\$157	\$96	\$253				\$198	\$110	\$307			\$54	18 21.6%			\$0.5825		\$0.7080	
41 Summer - 25%	10				\$64	\$13	\$77				\$71	\$13	\$85		\$7.71	10.0%		\$7.6866		\$8.4580
42 Summer - 50%	100				\$91	\$130	\$221				\$108	\$131	\$239		\$17.92	8.1%		\$2.2082		\$2.3875
43 Summer - 75%	286				\$127	\$373	\$500				\$158	\$375	\$532		\$32.46	6.5%		\$1.7481		\$1.8616

Estimated Bill Percentiles per 2023 Company analysis

COMPARATIVE MONTHLY BILLING UNDER PRESENT AND PROPOSED RATES RATE G-51 : COMMERCIAL/INDUSTRIAL - LOW ANNUAL USE, LOW WINTER USE CHANGE IN MONTHLY BILLS PER USAGE LEVELS





COMPARATIVE MONTHLY BILLING UNDER PRESENT AND PROPOSED RATES RATE G-52 : COMMERCIAL/INDUSTRIAL - MEDIUM ANNUAL USE, LOW WINTER USE

	G-52	G-52
Present Rates	Winter	Summer
COG (Excl Keen)	\$0.1322	\$1.2068
LDAC-GAP (Excl Keen)	\$0.0890	\$0.0957
Customer charge Sales rate	\$182.26	\$182.26
First Block Size	1000	1000
Block 1	\$0.2560	\$0.1891
Block 2	\$0.1749	\$0.1132

	G-52	G-52
Proposed Rates	Winter	Summer
COG (Excl Keen)	\$0.1542	\$1.2048
LDAC-GAP (Excl Keen)	\$0.0982	\$0.1049
Customer charge Sales rate	\$201.95	\$201.95
First Block Size	1000	1000
Block 1	\$0.3321	\$0.2453
Block 2	\$0.2269	\$0.1468

J					Customer	criarge	ψ102.20	ψ102.20		Customer	charge	Ψ201.33	Ψ201.33								
6					Sales rate					Sales rate											
7					First Block	Size	1000	1000		First Block	Size	1000	1000								
8					Block 1		\$0.2560	\$0.1891		Block 1		\$0.3321	\$0.2453								
9					Block 2		\$0.1749	\$0.1132		Block 2		\$0.2269	\$0.1468								
10																					
11																					
12			M	onthly Bills	at Present	Rates			Мо	nthly Bills a	at Proposed Rat	es		(Change in I	Monthly Bill			Unit	Costs	
13	Use per		Winter			Summer			Winter		5	Summer		Wir	ter	Sum	mer	Cui	rrent	Propo	osed
	Month	Base	COG /		Base			Base	COG /			COG /			%		%			ı	
14	(therms)	Rates	LDAC	TOTAL	Rates	COG / LDAC	TOTAL	Rates	LDAC	TOTAL	Base Rates	LDAC	TOTAL	\$ Change	Change	\$ Change	Change	Winter	Summer	Winter	Summer
15																				ı	
16	200	\$233	\$44	\$278	\$220	\$261	\$481	\$268	\$50	\$319	\$251	\$262	\$513	\$41.15	14.8%	\$32.36			\$2.4029		\$2.5647
17	300	\$259	\$66	\$325	\$239	\$391	\$630	\$302	\$76	\$377	\$276	\$393	\$668	\$51.89	15.9%	\$38.69			\$2.0991	\$1.2577	\$2.2281
18	400	\$285	\$88	\$373	\$258	\$521	\$779	\$335	\$101	\$436	\$300	\$524	\$824	\$62.62	16.8%	\$45.03			\$1.9473		\$2.0598
19	500	\$310	\$111	\$421	\$277	\$651	\$928	\$368	\$126	\$494	\$325	\$655	\$979	\$73.36	17.4%	\$51.36			\$1.8561	\$0.9884	\$1.9589
20	600	\$336	\$133	\$469	\$296	\$782	\$1,077	\$401	\$151	\$553	\$349	\$786	\$1,135	\$84.09	17.9%	\$57.70			\$1.7954	\$0.9211	\$1.8915
21	700	\$361	\$155	\$516	\$315	\$912	\$1,226	\$434	\$177	\$611	\$374	\$917	\$1,290	\$94.82	18.4%	\$64.03	-		\$1.7520	\$0.8730	\$1.8435
22	800	\$387	\$177	\$564	\$334	\$1,042	\$1,376	\$468	\$202	\$670	\$398	\$1,048	\$1,446	\$105.56	18.7%	\$70.37			\$1.7194	\$0.8370	\$1.8074
23	900	\$413	\$199	\$612	\$352	\$1,172	\$1,525	\$501	\$227	\$728	\$423	\$1,179	\$1,601	\$116.29	19.0%	\$76.71			\$1.6941	\$0.8089	\$1.7793
24	1,000	\$438	\$221	\$659	\$371	\$1,303	\$1,674	\$534	\$252 \$278	\$786		\$1,310	\$1,757	\$127.02	19.3%	\$83.04			\$1.6739		\$1.7569
25	1,100	\$456 \$473	\$243	\$699	\$383 \$394	\$1,433	\$1,815	\$557 \$579		\$834	\$462 \$477	\$1,441	\$1,903	\$135.35	19.4%	\$87.12			\$1.6504	\$0.7586	\$1.7296
26 27	1,200 1,300	\$473 \$491	\$265 \$288	\$739 \$778	\$394 \$405	\$1,563 \$1,693	\$1,957 \$2,099	\$602	\$303 \$328	\$882 \$930	\$477 \$491	\$1,572 \$1,703	\$2,048 \$2,194	\$143.67 \$151.99	19.4% 19.5%	\$91.19 \$95.27			\$1.6308 \$1.6143	\$0.7353 \$0.7156	\$1.7068 \$1.6876
28	1,400	\$508	\$310	\$776 \$818	\$403 \$417	\$1,824	\$2,099	\$602 \$625	\$353	\$930 \$978	\$506	\$1,703	\$2,194	\$160.32	19.5%	\$95.27			\$1.6001	\$0.7136	\$1.6711
29	1,500	\$506 \$526	\$332	\$858	\$417 \$428	\$1,024 \$1,954	\$2,240	\$648	\$379	\$1,026	\$506 \$521	\$1,034	\$2,339	\$160.32	19.6%	\$103.42			\$1.5878	\$0.6841	\$1.6568
30	1,750	\$520 \$569	\$387	\$957	\$456	\$2,279	\$2,736	\$704	\$442	\$1,020		\$2,292	\$2,465	\$189.45	19.7 %	\$103.42			\$1.5632	\$0.6549	\$1.6281
31	2,000	\$613	\$442	\$1,056	\$485	\$2,279	\$3,090	\$761	\$505	\$1,140		\$2,619	\$3,213	\$210.26	19.9%	\$123.80			\$1.5448		\$1.6067
32	2,500	\$701	\$553	\$1,050	\$541	\$3,256	\$3,090	\$874	\$631	\$1,505		\$3,274	\$3,213	\$251.88	20.1%	\$144.17			\$1.5448	\$0.6022	\$1.5766
33	3,000	\$788	\$664	\$1,452	\$598	\$3,908	\$4,505	\$988	\$757	\$1,745		\$3,929	\$4,670	\$293.50	20.1%	\$164.55			\$1.5018	\$0.5817	\$1.5566
34	4,000	\$963	\$885	\$1,848	\$711	\$5,210	\$5,921	\$1,215	\$1,010			\$5,239	\$6,126	\$376.74	20.4%	\$205.31			\$1.4802	\$0.5561	\$1.5316
35	5,000	\$1,138	\$1,106	\$2,244	\$824	\$6,513	\$7,337	\$1,442	\$1,262	\$2,704	\$1,034	\$6,548	\$7,583		20.5%	\$246.06			\$1.4673		
36	0,000	. ,	Ç.,100	ψ <u>-</u> , <u>-</u> ,	7	\$0,010	ψ.,007	. ,	Ų 1,20Z	ΨZ,10+	Ţ.,	ψ0,040	ψ.,000	Ų .00.01	25.070	Ψ= 10.00	3.470	ψ0.1100	ψ 1 070	ψ0.0400	ψσ100

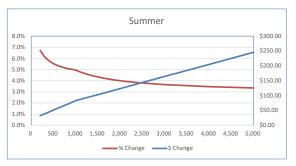
36 37 Estimated Bill Percentiles

38 Winte	er - 25%	1,040	\$445	\$230	\$675				\$543	\$263	\$806				\$130.35	19.3%			\$0.6493		\$0.7747	
39 Winte	er - 50%	2,000	\$613	\$442	\$1,056				\$761	\$505	\$1,266				\$210.26	19.9%			\$0.5278		\$0.6329	
40 Winte	er - 75%	3,500	\$876	\$774	\$1,650				\$1,101	\$884	\$1,985				\$335.12	20.3%			\$0.4713		\$0.5671	
41 Sumi	mer - 25%	700		·		\$315	\$912	\$1,226				\$374	\$917	\$1,290			\$64.03	5.2%	•	\$1.7520		\$1.8435
42 Sumi	mer - 50%	1,040				\$376	\$1,355	\$1,730				\$453	\$1,362	\$1,815			\$84.67	4.9%		\$1.6639		\$1.7453
43 Sumi	mer - 75%	2,000				\$485	\$2,605	\$3,090				\$594	\$2,619	\$3,213			\$123.80	4.0%		\$1.5448		\$1.6067

Estimated Bill Percentiles per 2010 MCS

COMPARATIVE MONTHLY BILLING UNDER PRESENT AND PROPOSED RATES RATE G-52 : COMMERCIAL/INDUSTRIAL - MEDIUM ANNUAL USE, LOW WINTER USE CHANGE IN MONTHLY BILLS PER USAGE LEVELS





COMPARATIVE MONTHLY BILLING UNDER PRESENT AND PROPOSED RATES RATE G-53 : COMMERCIAL/INDUSTRIAL - HIGH ANNUAL USE, LOAD FACTOR LESS THAN 90%

	NATE 6-93 - COMMINENCIAL INDUSTRIAL - HIGH ANNUAL USE, EDAD FACTOR LESS THAN 90%																					
Lin	ne							G-53	G-53				G-53	G-53								
1						Present Ra	ates	Winter	Summer		Proposed	Rates	Winter	Summer								
2						COG (Excl	Keen)	\$0.1322	\$1.2068		COG (Excl	Keen)	\$0.1542	\$1.2048								
3						LDAC-GAF	Excl Kee	\$0.0890	\$0.0957		LDAC-GAF	(Excl Kee	\$0.0982	\$0.1049								
4							,					,										
5	C						Customer charge \$805.75			\$805.75 Customer charge			\$892.79	\$892.79								
6							Sales rate			Sales rate												
7		First Block Size			First Block Size																	
8								\$0.1790			Block 1											
9						Block 2 \$0.1790			\$0.0907 Block 2				\$0.2255	\$0.1143								
10 11																						
12		thly Bille of	t Present Rates			Monthly Bills at Proposed Rates					Ck	ongo in	Monthly Bill		Unit Costs							
13		Winter				Summer			Winter			Summer			Winter		Summer		Current		Proposed	
		Use per				Cummer									Winter		Guillinoi		Ca.Tone		1 1000000	
		Month	Base	COG/		Base	COG /		Base	COG/		Base	COG/			Chang		%				
14		(therms)	Rates	LDAC	TOTAL	Rates	LDAC	TOTAL	Rates	LDAC	TOTAL	Rates	LDAC	TOTAL	\$ Change	е	\$ Change	Change	Winter	Summer	Winter	Summer
15	i																					
16		1,000	\$985	\$221	\$1,206	\$896	\$1,303	\$2,199	\$1,118	\$252	\$1,371	\$1,007	\$1,310	\$2,317	\$164.77	13.7%	\$117.79	5.4%	\$1.2060	\$2.1990	\$1.3707	\$2.3167
17		2,500	\$1,253	\$553	\$1,806	\$1,033	\$3,256	\$4,289	\$1,457	\$631	\$2,088	\$1,179	\$3,274	\$4,453	\$281.38	15.6%	\$163.92	3.8%	\$0.7225	\$1.7155	\$0.8351	\$1.7811
18		5,000	\$1,701	\$1,106	\$2,807	\$1,259	\$6,513	\$7,772	\$2,020	\$1,262	\$3,282	\$1,464	\$6,548	\$8,013	\$475.72	16.9%	\$240.81	3.1% 2.8%	\$0.5614	\$1.5544	\$0.6565	\$1.6025
19 20		7,500 10,000	\$2,148 \$2,596	\$1,659 \$2,212	\$3,807 \$4,808	\$1,486 \$1,713	\$9,769 \$13,025	\$11,255 \$14,738	\$2,584 \$3,148	\$1,893 \$2,524	\$4,477 \$5,672	\$1,750 \$2,036	\$9,822 \$13,097	\$11,572 \$15,132	\$670.06 \$864.41	17.6% 18.0%	\$317.70 \$394.58	2.8%	\$0.5076 \$0.4808	\$1.5006 \$1.4738	\$0.5970 \$0.5672	\$1.5430 \$1.5132
21		12,500	\$3,043	\$2,765	\$5,808	\$1,713	\$16,281	\$18,221	\$3,712	\$3,155	\$6,867	\$2,030	\$16,371	\$18,692	\$1,058.75	18.2%	\$471.47	2.6%	\$0.4607	\$1.4736	\$0.5494	\$1.4954
22		15,000	\$3,491	\$3,318	\$6,809	\$2,166	\$19,538	\$21,704	\$4,275	\$3,787	\$8,062	\$2,607	\$19,645	\$22,252	\$1,253.09	18.4%	\$548.36	2.5%	\$0.4539	\$1.4469	\$0.5375	\$1.4835
23		20,000	\$4,386	\$4,424	\$8,810	\$2,620	\$26,050	\$28,670	\$5,403	\$5,049	\$10,452	\$3,179	\$26,193	\$29,372	\$1,641.78	18.6%	\$702.13	2.4%	\$0.4405	\$1.4335	\$0.5226	\$1.4686
24		25,000	\$5,281	\$5,530	\$10,811	\$3,073	\$32,563	\$35,636	\$6,530	\$6,311	\$12,841	\$3,750	\$32,741	\$36,492	\$2,030.46	18.8%	\$855.90	2.4%	\$0.4324	\$1.4254	\$0.5136	\$1.4597
25		30,000	\$6,176	\$6,636	\$12,812	\$3,527	\$39,075	\$42,602	\$7,658	\$7,573	\$15,231	\$4,322	\$39,290	\$43,611	\$2,419.15	18.9%	\$1,009.68	2.4%	\$0.4271	\$1.4201	\$0.5077	\$1.4537
26		35,000	\$7,071	\$7,742	\$14,813	\$3,980	\$45,588	\$49,568	\$8,785	\$8,835	\$17,621	\$4,893	\$45,838	\$50,731	\$2,807.84	19.0%	\$1,163.45	2.3%	\$0.4232	\$1.4162	\$0.5034	\$1.4495
27		40,000	\$7,966	\$8,848	\$16,814	\$4,434	\$52,100	\$56,534	\$9,913	\$10,097	\$20,010	\$5,465	\$52,386	\$57,851	\$3,196.52	19.0%	\$1,317.22	2.3%	\$0.4203	\$1.4133	\$0.5003	\$1.4463
28		45,000 50,000	\$8,861 \$9,756	\$9,954 \$11,060	\$18,815 \$20,816	\$4,887	\$58,613	\$63,500 \$70,466	\$11,040 \$12,168	\$11,360 \$12,622	\$22,400 \$24,790	\$6,036	\$58,934 \$65,483	\$64,971 \$72,091	\$3,585.21 \$3,973.89	19.1% 19.1%	\$1,470.99 \$1,624.77	2.3% 2.3%	\$0.4181 \$0.4163	\$1.4111 \$1.4093	\$0.4978 \$0.4958	\$1.4438 \$1.4418
29 30		55,000	\$10,651	\$11,060	\$20,616	\$5,341 \$5,794	\$65,125 \$71,638	\$70,466	\$12,100	\$12,622	\$24,790	\$6,608 \$7,179	\$72,031	\$79,210	\$4,362.58	19.1%	\$1,778.54	2.3%	\$0.4163	\$1.4093	\$0.4936	\$1.4410
31		60,000	\$10,031	\$13,272	\$24,818	\$6,248	\$71,030	\$84,398	\$14,423	\$15,004	\$29,569	\$7,751	\$78,579	\$86,330	\$4,751.26	19.1%	\$1,778.34	2.3%	\$0.4149	\$1.4079	\$0.4942	\$1.4388
32		75,000	\$14,231	\$16,590	\$30,821	\$7,608		\$105,296	\$17,805	\$18,933	\$36,738	\$9,465	\$98,224	\$107,689	\$5,917.32	19.2%	\$2,393.63	2.3%	\$0.4109	\$1.4039	\$0.4898	\$1.4359
33		100,000	\$18,706	\$22,120	\$40,826		\$130,250	\$140,126	\$23,443	\$25,244	\$48,687			\$143,288	\$7,860.75	19.3%	\$3,162.50	2.3%	\$0.4083	\$1.4013	\$0.4869	\$1.4329
34		150,000	\$27,656	\$33,180	\$60,836	\$14,411	\$195,375	\$209,786	\$34,718	\$37,866	\$72,583	\$18,038	\$196,448	\$214,486	\$11,747.60	19.3%	\$4,700.23	2.2%	\$0.4056	\$1.3986	\$0.4839	\$1.4299
35	i	200,000	\$36,606	\$44,240	\$80,846	\$18,946	\$260,500	\$279,446	\$45,993	\$50,487	\$96,480	\$23,753	\$261,931	\$285,684	\$15,634.46	19.3%	\$6,237.96	2.2%	\$0.4042	\$1.3972	\$0.4824	\$1.4284
36		-		·		·											·				· · · · · ·	
37																						
38		10,000	\$2,596	\$2,212	\$4,808				\$3,148	\$2,524	\$5,672				\$864.41	18.0%			\$0.4808		\$0.5672	
39	Winter - 50% Winter - 75%	15,000	\$3,491 \$6,176	\$3,318 \$6,636	\$6,809				\$4,275 \$7,658	\$3,787 \$7,573	\$8,062 \$15,231				\$1,253.09 \$2,419.15	18.4%			\$0.4539 \$0.4271	l	\$0.5375 \$0.5077	
40	Summer - 25%	30,000 5,000	φ0, 176	Ф 0,036	\$12,812	\$1,259	\$6,513	\$7,772	\$60, 1¢	3/5,14	φ10,231	\$1,464	\$6,548	\$8,013	φ∠,419.15	10.9%	\$240.81	3.1%	\$U.42/1	\$1.5544	φU.3U11	\$1.6025
42	Summer - 50%	15,000				\$2,166	\$19,538	\$21,704				\$2,607	\$19,645	\$22,252			\$548.36	2.5%		\$1.4469		\$1.4835
43	Summer - 75%	20,000				\$2,620	\$26,050	\$28,670				\$3,179	\$26,193	\$29,372			\$702.13	2.4%		\$1.4335		\$1.4686

Estimated Bill Percentiles per 2010 MCS

COMPARATIVE MONTHLY BILLING UNDER PRESENT AND PROPOSED RATES RATE G-53 : COMMERCIAL/INDUSTRIAL - HIGH ANNUAL USE, LOAD FACTOR LESS THAN 90% CHANGE IN MONTHLY BILLS PER USAGE LEVELS





COMPARATIVE MONTHLY BILLING UNDER PRESENT AND PROPOSED RATES RATE G-54 : COMMERCIAL/INDUSTRIAL - HIGH ANNUAL USE, LOAD FACTOR GREATER THAN 90%

Lina							G-54	G-54				G-54	G-54									
Line					Present Ra	otoo	Winter	Summer	1	Proposed	Potos	Winter	Summer	1								
2					COG (Excl		\$0.1322	\$1.2068		COG (Excl		\$0.1542	\$1.2048									
2					`	,				,	,											
3					LDAC-GAF	(Excl Kee	\$0.0890	\$0.0957		LDAC-GAF	(Exci Kee	\$0.0982	\$0.1049									
4 5					Customer of	sharae	\$806.42	\$806.42		Customer of	sharao	\$893.53	\$893.53									
6					Sales rate	marye	ψ000. 4 2	φ000.4Z		Sales rate	marye	φυσυ.υυ	φυσυ.υυ									
7					First Block	Sizo				First Block	Sizo											
ν Ω					Block 1	SIZE	\$0.0682	\$0.0386		Block 1	Size	\$0.0866	\$0.0490									
9					Block 2		\$0.0682	\$0.0386		Block 2		\$0.0866	\$0.0490									
10					DIOOK 2		ψ0.0002	ψ0.0000		DIOOK Z		ψ0.0000	ψ0.0+00									
11																						
12								Monthly Bills at Proposed R				Rates		Change in Monthly Bill				Unit Costs				
13	Use per				Summer				Winter	uny Dino at	Summer			Winter		Summer		Current		Proposed		
.0	Month	Base	COG /		Base	COG /		Base	COG /		Base	COG /			%	- Cuiii	%	- Oui	10111		J004	
14	(therms)	Rates	LDAC	TOTAL	Rates	LDAC	TOTAL	Rates	LDAC	TOTAL	Rates	LDAC	TOTAL	\$ Change	Change	\$ Change	Change	Winter	Summer	Winter	Summer	
15	` ,													, ,	- 0	, , ,	- 5					
16	1,000	\$875	\$221	\$1,096	\$845	\$1,303	\$2,148	\$980	\$252	\$1,233	\$943	\$1,310	\$2,252	\$136.75	12.5%	\$104.67	4.9%	\$1.0958	\$2.1475	\$1.2326	\$2.2522	
17	2,500	\$977	\$553	\$1,530	\$903	\$3,256	\$4,159	\$1,110	\$631	\$1,741	\$1,016	\$3,274	\$4,290	\$211.20	13.8%	\$131.00	3.1%	\$0.6120	\$1.6637	\$0.6964	\$1.7161	
18	5,000	\$1,147	\$1,106	\$2,253	\$999	\$6,513	\$7,512	\$1,327	\$1,262	\$2,589	\$1,139	\$6,548	\$7,687	\$335.30	14.9%	\$174.88	2.3%	\$0.4507	\$1.5024	\$0.5177	\$1.5374	
19	7,500	\$1,318	\$1,659	\$2,977	\$1,096	\$9,769	\$10,865	\$1,543	\$1,893	\$3,436	\$1,261	\$9,822	\$11,083	\$459.39	15.4%	\$218.77	2.0%	\$0.3969	\$1.4486	\$0.4582	\$1.4778	
20	10,000	\$1,488	\$2,212	\$3,700	\$1,192	\$13,025	\$14,217	\$1,760	\$2,524	\$4,284	\$1,384	\$13,097	\$14,480	\$583.48	15.8%	\$262.66	1.8%	\$0.3700	\$1.4217	\$0.4284	\$1.4480	
21	12,500	\$1,659	\$2,765	\$4,424	\$1,289	\$16,281	\$17,570	\$1,976	\$3,155	\$5,131	\$1,506	\$16,371	\$17,877	\$707.57	16.0%	\$306.54	1.7%	\$0.3539		\$0.4105	\$1.4301	
22	15,000	\$1,829	\$3,318	\$5,147	\$1,385	\$19,538	\$20,923	\$2,193	\$3,787	\$5,979	\$1,629	\$19,645	\$21,273	\$831.67	16.2%	\$350.43				\$0.3986	\$1.4182	
23	20,000	\$2,170	\$4,424	\$6,594	\$1,578	\$26,050	\$27,628	\$2,626	\$5,049	\$7,674	\$1,874	\$26,193	\$28,067	\$1,079.85	16.4%	\$438.20		\$0.3297		\$0.3837	\$1.4033	
24	25,000	\$2,511	\$5,530	\$8,041	\$1,771	\$32,563	\$34,334	\$3,059	\$6,311	\$9,369	\$2,119	\$32,741	\$34,860	\$1,328.04	16.5%	\$525.98		\$0.3217		\$0.3748	\$1.3944	
25	30,000	\$2,852	\$6,636	\$9,488	\$1,964	\$39,075	\$41,039	\$3,492	\$7,573	\$11,065	\$2,364	\$39,290	\$41,653	\$1,576.22	16.6%	\$613.75		\$0.3163		\$0.3688	\$1.3884	
26	35,000	\$3,193	\$7,742	\$10,935	\$2,157	\$45,588	\$47,745	\$3,925	\$8,835	\$12,760	\$2,609	\$45,838	\$48,446	\$1,824.41	16.7%	\$701.52	1.5%	\$0.3124		\$0.3646	\$1.3842	
27	40,000	\$3,534	\$8,848	\$12,382	\$2,350	\$52,100	\$54,450	\$4,358	\$10,097	\$14,455	\$2,854	\$52,386	\$55,240	\$2,072.60	16.7%	\$789.30		\$0.3096	-	\$0.3614	\$1.3810	
28	45,000 50,000	\$3,875	\$9,954	\$13,829	\$2,543 \$2,736	\$58,613 \$65,125	\$61,156 \$67,861	\$4,791 \$5,224	\$11,360 \$12,622	\$16,150 \$17,845	\$3,099	\$58,934 \$65,483	\$62,033 \$68,826	\$2,320.78 \$2,568.97	16.8% 16.8%	\$877.07 \$964.84		\$0.3073 \$0.3055		\$0.3589 \$0.3569	\$1.3785 \$1.3765	
29 30	55,000	\$4,216 \$4,557	\$11,060 \$12,166	\$15,276 \$16,723	\$2,736	\$65,125	\$74,567	\$5,224 \$5,657	\$12,022	\$17,645 \$19,541	\$3,344 \$3,589	\$72,031	\$75,620	\$2,817.15	16.8%	\$1,052.62		\$0.3055	-	\$0.3553	\$1.3765	
31	60,000	\$4,557 \$4,898	\$12,100	\$18,170	\$2,929	\$71,036	\$81,272	\$6,090	\$15,004	\$19,541	\$3,834	\$78,579	\$82,413	\$3,065.34	16.6%	\$1,052.62	1.4%	\$0.3041	-	\$0.3533	\$1.3749 \$1.3735	
32	75,000	\$5,921	\$16,590	\$22,511	\$3,701		\$101,389	\$7,389	\$18,933	\$26,321	\$4,569	\$98,224	\$102,793	\$3,809.89		\$1,403.71			\$1.3519	\$0.3539	\$1.3706	
33	100,000	\$7,626	\$22,120	\$29,746		\$130,250		\$9,554	\$25,244	\$34,797	\$5,794	\$130,965	\$136,759	\$5,050.82		\$1,842.57		\$0.2975		\$0.3480	\$1.3676	
34		\$11,036	\$33,180	\$44,216		\$195,375		\$13,884	\$37,866	\$51,749	\$8,244	\$196,448	\$204,692	\$7,532.68	17.0%			\$0.2948	-	\$0.3450	\$1.3646	
35		\$14,446	\$44,240	\$58,686		\$260,500		\$18,214	\$50,487	\$68,701	\$10,694	\$261,931	\$272,624	\$10,014.53	17.1%	\$3,598.04		\$0.2934		\$0.3435	\$1.3631	
36			¥ · · ·,= · ·	++++		+,	+ ,		+,	+,		+ ,	*	Ţ.c,cc.		+=,====		****		,	¥	
37 Estimated Bill F	Percentiles																					
38 Winter - 25%	4,000	\$1,079	\$885	\$1,964			ĺ	\$1,240	\$1,010	\$2,250	J	1		\$285.66	14.5%			\$0.4910		\$0.5624		
39 Winter - 50%	30,000	\$2,852	\$6,636	\$9,488				\$3,492	\$7,573	\$11,065				\$1,576.22	16.6%			\$0.3163		\$0.3688		
40 Winter - 75%	100,000	\$7,626	\$22,120	\$29,746				\$9,554	\$25,244	\$34,797				\$5,050.82	17.0%			\$0.2975		\$0.3480		
41 Summer - 25%	15,000				\$1,385	\$19,538	\$20,923				\$1,629	\$19,645	\$21,273			\$350.43	1.7%		\$1.3949		\$1.4182	
42 Summer - 50%	50,000				\$2,736	\$65,125	\$67,861				\$3,344	\$65,483	\$68,826			\$964.84	1.4%		\$1.3572		\$1.3765	
43 Summer - 75%	80,000				\$3,894	\$104,200	\$108,094				\$4,814	\$104,772	\$109,586			\$1,491.48	1.4%		\$1.3512		\$1.3698	

Estimated Bill Percentiles per 2010 MCS

Liberty Utilities (EnergyNorth Natural Gas) Corp.

COMPARATIVE MONTHLY BILLING UNDER PRESENT AND PROPOSED RATES RATE G-54 : COMMERCIAL/INDUSTRIAL - HIGH ANNUAL USE, LOAD FACTOR GREATER THAN 90% CHANGE IN MONTHLY BILLS PER USAGE LEVELS





Liberty Utilities (EnergyNorth Natural Gas) Corp. Bill Impact Analysis - Cost of Gas Filing Methodology

Line No

Winter Season (Jan. - Apr., Nov. - Dec.) Residential Non-Heating (R1)

3	PROPOSED							
4		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
5	average Usage (Therms)	25	35	35	33	28	21	177
6								
7	Winter:							
8	Cust. Chg	\$17.67	\$17.67	\$17.67	\$17.67	\$17.67	\$17.67	\$106.02
9	Headblock	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	Tailblock	\$17.02	\$23.85	\$23.85	\$22.82	\$19.05	\$14.17	\$120.76
11	HB Threshold							
12								
13	Summer:							
14	Cust. Chg							
15	Headblock							
16	Tailblock							
17	HB Threshold							
18								
19	Total Base Rate Amount	\$34.69	\$41.52	\$41.52	\$40.49	\$36.72	\$31.84	\$226.78
20								
21	COG Rate - (Winter)	\$0.1546	\$0.1546	\$0.1546	\$0.1546	\$0.1546	\$0.1546	\$0.1546
22	COG amount - Winter	\$3.8521	\$5.3965	\$5.3966	\$5.1638	\$4.3097	\$3.2074	\$27.33
23								
24	COG Rate - (Summer)							
25	COG amount - Summer							
26								
27	LDAC	\$0.1205	\$0.1205	\$0.1205	\$0.1205	\$0.1205	\$0.1205	\$0.1205
28	LDAC amount	\$3.00	\$4.21	\$4.21	\$4.02	\$3.36	\$2.50	\$21.29
29								
30	Total Bill	\$41.55	\$51.12	\$51.12	\$49.68	\$44.38	\$37.55	\$275.40

Summer Season (May - Oct.)

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
13	11	9	9	11	16	69	246
\$17.67	\$17.67	\$17.67	\$17.67	\$17.67	\$17.67	\$106.02	\$212.04
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$9.10	\$7.76	\$6.30	\$5.95	\$7.23	\$10.99	\$47.32	\$168.08
\$26.77	\$25.43	\$23.97	\$23.62	\$24.90	\$28.66	\$153.34	\$380.12
\$1.2051	\$1.2051	\$1.2051	\$1.2051	\$1.2051	\$1.2051	\$1.2051	\$0.4503
\$16.04	\$13.68	\$11.11	\$10.49	\$12.74	\$19.37	\$83.43	\$110.76
\$0.1272	\$0.1272	\$0.1272	\$0.1272	\$0.1272	\$0.1272	\$0.1272	\$0.1224
\$1.69	\$1.44	\$1.17	\$1.11	\$1.34	\$2.04	\$8.81	\$30.10
\$44.50	\$40.55	\$36.25	\$35.22	\$38.98	\$50.07	\$245.58	\$520.98

Winter Season (Jan Apr., Nov	Dec)						
Residential Non-Heating (R1)	DCC.,						
CURRENT							
0011112111	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winte
average Usage (Therms)	25	35	35	33	28	21	177
average osage (Therms)	20	00	00	00	20		
Winter:							
Cust. Chg	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.3
Headblock	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
Tailblock	\$11.49	\$16.10	\$16.10	\$15.41	\$12.86	\$9.57	\$81.5
HB Threshold	\$11.10	ψ.σσ	Ψ10.10	Ψ.σ	ψ12.00	ψο.στ	Ψ01.0
Summer:							
Cust. Chg							
Headblock							
Tailblock							
HB Threshold							
Total Base Rate Amount	\$26.88	\$31.49	\$31.49	\$30.80	\$28.25	\$24.96	\$173.8
	\$20.50	ψοο	Ψ00	Ψ00.00	\$20.20	Ψ <u></u> σ	Ųo.,
COG Rate - (Winter)	\$0.1326	\$0.1326	\$0.1326	\$0.1326	\$0.1326	\$0.1326	\$0.13
COG amount - Winter	\$3,3031	\$4.6275	\$4.6275	\$4.4279	\$3.6956	\$2.7503	\$23.4
	******	*	*	*	*******		*
COG Rate - (Summer)							
COG amount - Summer							
LDAC	\$0.1113	\$0.1113	\$0.1113	\$0.1113	\$0.1113	\$0.1113	\$0.11
LDAC amount	\$2.77	\$3.88	\$3.88	\$3.72	\$3.10	\$2.31	\$19.6
	1						
Total Bill	\$32.96	\$40.00	\$40.00	\$38.94	\$35.05	\$30.02	\$216.9
<u> </u>				-			
DIFFERENCE:							
Total Bill	\$8.59	\$11.12	\$11.12	\$10.74	\$9.34	\$7.53	\$58.4
% Change	26.06%	27.79%	27.79%	27.57%	26.64%	25.09%	26.93
_ ·							
Base Rate	\$7.81	\$10.03	\$10.03	\$9.69	\$8.47	\$6.88	\$52.9
% Change	29.05%	31.84%	31.84%	31.47%	29.97%	27.58%	30.43
_							
COG & LDAC	\$0.78	\$1.09	\$1.09	\$1.04	\$0.87	\$0.65	\$5.52
% Change	12.81%	12.81%	12.81%	12.81%	12.81%	12.81%	12.81

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
13	11	9	9	11	16	69	246
\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.34	\$184.68
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$6.14	\$5.24	\$4.25	\$4.02	\$4.88	\$7.42	\$31.95	\$113.48
\$21.53	\$20.63	\$19.64	\$19.41	\$20.27	\$22.81	\$124.29	\$298.16
\$1.2071	\$1.2071	\$1.2071	\$1.2071	\$1.2071	\$1.2071	\$1.2071	\$0.4351
\$16.0669	\$13.7035	\$11.1276	\$10.5112	\$12.7620	\$19.4038	\$83.58	\$107.01
\$0.1180	\$0,1180	\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1132
\$1.57	\$1.34	\$1.09	\$1.03	\$1.25	\$1.90	\$8.17	\$27.84
\$39.17	\$35.67	\$31.86	\$30.95	\$34.28	\$44.11	\$216.03	\$433.00

D	IF	FE	ΞR	Ε	N	С	E

\$8.59	\$11.12	\$11.12	\$10.74	\$9.34	\$7.53	\$58.43
26.06%	27.79%	27.79%	27.57%	26.64%	25.09%	26.93%
\$7.81	\$10.03	\$10.03	\$9.69	\$8.47	\$6.88	\$52.91
29.05%	31.84%	31.84%	31.47%	29.97%	27.58%	30.43%
\$0.78	\$1.09	\$1.09	\$1.04	\$0.87	\$0.65	\$5.52
12.81%	12.81%	12.81%	12.81%	12.81%	12.81%	12.81%
	26.06% \$7.81 29.05% \$0.78	26.06% 27.79% \$7.81 \$10.03 29.05% 31.84% \$0.78 \$1.09	26.06% 27.79% 27.79% \$7.81 \$10.03 \$10.03 29.05% 31.84% 31.84% \$0.78 \$1.09 \$1.09	26.06% 27.79% 27.79% 27.57% \$7.81 \$10.03 \$10.03 \$9.69 29.05% 31.84% 31.84% 31.47% \$0.78 \$1.09 \$1.09 \$1.04	26.06% 27.79% 27.79% 27.57% 26.64% \$7.81 \$10.03 \$10.03 \$9.69 \$8.47 29.05% 31.84% 31.84% 31.47% 29.97% \$0.78 \$1.09 \$1.09 \$1.04 \$0.87	26.06% 27.79% 27.79% 27.57% 26.64% 25.09% \$7.81 \$10.03 \$10.03 \$9.69 \$8.47 \$6.88 29.05% 31.84% 31.84% 31.47% 29.97% 27.58% \$0.78 \$1.09 \$1.09 \$1.04 \$0.87 \$0.65

\$5.33	\$4.88	\$4.39	\$4.28	\$4.70	\$5.96	\$29.55	\$87.98
13.61%	13.68%	13.79%	13.82%	13.72%	13.52%	13.68%	20.32%
\$5.23	\$4.80	\$4.33	\$4.21	\$4.63	\$5.85	\$29.05	\$81.96
24.31%	23.27%	22.03%	21.71%	22.83%	25.64%	23.37%	27.49%
\$0.10	\$0.08	\$0.07	\$0.06	\$0.08	\$0.12	\$0.50	\$6.02
0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	4.46%

71 Winter Season (Jan. - Apr., Nov. - Dec.) 72 Residential Heating (R3)

residential fleating (No)							
PROPOSED							
	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
average Usage (Therms)	80	119	144	137	101	61	642
Winter:							
Cust. Chg	\$17.37	\$17.37	\$17.37	\$17.37	\$17.37	\$17.37	\$104.22
Headblock	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Tailblock	\$63.44	\$94.99	\$114.53	\$109.04	\$80.53	\$48.80	\$511.34
HB Threshold							
Summer:							
Cust. Chg							
Headblock							
HB Threshold							
Total Base Rate Amount	\$80.81	\$112.36	\$131.90	\$126.41	\$97.90	\$66.17	\$615.56
							\$0.1546
COG amount - Winter	\$12.3176	\$18.4449	\$22.2388	\$21.1716	\$15.6374	\$9.4761	\$99.29
COG amount - Summer							
							\$0.1205
LDAC amount	\$9.60	\$14.37	\$17.33	\$16.50	\$12.19	\$7.38	\$77.37
Total Bill	\$102.72	\$145.18	\$171.47	\$164.08	\$125.73	\$83.03	\$792.21
	PROPOSED average Usage (Therms) Winter: Cust. Chg Headblock Tailblock HB Threshold Summer: Cust. Chg	Nov-23 80	Nov-23 Dec-23	Nov-23 Dec-23 Jan-24	Nov-23 Dec-23 Jan-24 Feb-24	Nov-23 Dec-23 Jan-24 Feb-24 Mar-24	Nov-23 Dec-23 Jan-24 Feb-24 Mar-24 Apr-24

Summer Season (May - Oct.)

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
27	17	13	12	18	36	123	765
\$17.37	\$17.37	\$17.37	\$17.37	\$17.37	\$17.37	\$104.22	\$208.4
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$21.29	\$13.15	\$10.46	\$9.94	\$14.36	\$28.93	\$98.13	\$609.4
\$38.66	\$30.52	\$27.83	\$27.31	\$31.73	\$46.30	\$202.35	\$817.9
\$1.2051	\$1.2051	\$1.2051	\$1.2051	\$1.2051	\$1.2051	\$1.2051	\$0.323
\$32.22	\$19.90	\$15.82	\$15.04	\$21.73	\$43.77	\$148.49	\$247.
\$0.1272	\$0.1272	\$0.1272	\$0.1272	\$0.1272	\$0.1272	\$0.1272	\$0.121
\$3.40	\$2.10	\$1.67	\$1.59	\$2.29	\$4.62	\$15.67	\$93.0
\$74.28	\$52.52	\$45.32	\$43.94	\$55.76	\$94.68	\$366.52	\$1,158.

101 Winter Season (Jan. - Apr., Nov. - Dec.) 102 Residential Heating (R3) 103 CURRENT

103	CURRENT							
104		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
105	average Usage (Therms)	80	119	144	137	101	61	642
106								
107	Winter:							
108	Cust. Chg	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.35
109	Headblock	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
110	Tailblock	\$49.12	\$73.56	\$88.69	\$84.43	\$62.36	\$37.79	\$395.96
111	HB Threshold							
112								
113	Summer:							
114	Cust. Chg							
115	Headblock							
116	Tailblock							
117	HB Threshold							
118								
119	Total Base Rate Amount	\$64.52	\$88.95	\$104.08	\$99.83	\$77.75	\$53.18	\$488.31
120								
121	COG Rate - (Winter)	\$0.1326	\$0.1326	\$0.1326	\$0.1326	\$0.1326	\$0.1326	\$0.1326
122	COG amount - Winter	\$10.5622	\$15.8163	\$19.0696	\$18.1545	\$13.4089	\$8.1257	\$85.14
123								
124	COG Rate - (Summer)							
125	COG amount - Summer							
126								
127	LDAC	\$0.1113	\$0.1113	\$0.1113	\$0.1113	\$0.1113	\$0.1113	\$0.1113
128	LDAC amount	\$8.87	\$13.28	\$16.01	\$15.24	\$11.25	\$6.82	\$71.46
129								
130	Total Bill	\$83.94	\$118.04	\$139.16	\$133.22	\$102.42	\$68.13	\$644.91
131								
132								
133	Total Bill	\$18.78	\$27.14	\$32.31	\$30.86	\$23.31	\$14.90	\$147.30
134	% Change	22.37%	22.99%	23.22%	23.16%	22.76%	21.88%	22.84%
135		l						
	Base Rate	\$16.29	\$23.41	\$27.82	\$26.58	\$20.15	\$12.99	\$127.24
137	% Change	25.25%	26.32%	26.73%	26.63%	25.91%	24.42%	26.06%
138								
139	COG & LDAC	\$2.49	\$3.73	\$4.49	\$4.28	\$3.16	\$1.91	\$20.06
140	% Change	12.81%	12.81%	12.81%	12.81%	12.81%	12.81%	12.81%

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
27	17	13	12	18	36	123	765
\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.35	\$184.7
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$16.49	\$10.18	\$8.10	\$7.70	\$11.12	\$22.40	\$75.99	\$471.9
\$31.88	\$25.58	\$23.49	\$23.09	\$26.52	\$37.79	\$168.35	\$656.6
\$1.2071	\$1.2071	\$1.2071	\$1.2071	\$1.2071	\$1.2071	\$1.2071	\$0.305
\$32.2747	\$19.9342	\$15.8507	\$15.0685	\$21.7709	\$43.8420	\$148.74	\$233.8
\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.112
\$3.16	\$1.95	\$1.55	\$1.47	\$2.13	\$4.29	\$14.54	\$86.00
\$67.31	\$47.46	\$40.89	\$39.63	\$50.41	\$85.92	\$331.63	\$976.5

\$6.97 10.36%	\$5.06 10.67%	\$4.43 10.84%	\$4.31 10.88%	\$5.35 10.61%	\$8.76 10.20%	\$34.89 10.52%	\$182.19 18.66%
\$6.78	\$4.95	\$4.34	\$4.22	\$5.22	\$8.50	\$34.01	\$161.25
21.27%	19.33%	18.46%	18.28%	19.68%	22.50%	20.20%	24.56%
\$0.19	\$0.12	\$0.09	\$0.09	\$0.13	\$0.26	\$0.88	\$20.94
0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	6.55%

Winter Season (Jan. - Apr., Nov. - Dec.) Low Income Residential Heating (R4)

142	Low income Residential Heating (R4)							
143	PROPOSED							
144		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
145	average Usage (Therms)	64	97	138	131	99	61	590
146								
147	Winter:							
148	Cust. Chg	\$9.55	\$9.55	\$9.55	\$9.55	\$9.55	\$9.55	\$57.30
149	Headblock	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
150	Tailblock	\$28.07	\$42.42	\$60.25	\$57.25	\$43.45	\$26.77	\$258.21
151	HB Threshold							
152								
153	Summer:							
154	Cust. Chg							
155	Headblock							
156	Tailblock							
157	HB Threshold							
158								
159	Total Base Rate Amount	\$37.62	\$51.97	\$69.80	\$66.80	\$53.00	\$36.32	\$315.51
160								
161	COG Rate - (Winter)	\$0.0949	\$0.0949	\$0.0949	\$0.0949	\$0.0949	\$0.0949	\$0.0949
162	COG amount - Winter	\$6.0850	\$9.1940	\$13.0593	\$12.4088	\$9.4176	\$5.8018	\$55.97
163								
164	COG Rate - (Summer)							
165	COG amount - Summer							
166								
167	LDAC	\$0.1205	\$0.1205	\$0.1205	\$0.1205	\$0.1205	\$0.1205	\$0.1205
168	LDAC amount	\$7.72	\$11.67	\$16.58	\$15.75	\$11.95	\$7.36	\$71.04
169								
170	Total Bill	\$51.43	\$72.83	\$99.44	\$94.96	\$74.37	\$49.48	\$442.51

Summer Season (May - Oct.)

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
27	17	14	13	16	30	117	706
\$17.37	\$17.37	\$17.37	\$17.37	\$17.37	\$17.37	\$104.22	\$161.5
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$21.51	\$13.45	\$10.85	\$10.00	\$13.10	\$24.19	\$93.09	\$351.2
\$38.88	\$30.82	\$28.22	\$27.37	\$30.47	\$41.56	\$197.31	\$512.8
\$1.2051	\$1.2051	\$1.2051	\$1.2051	\$1.2051	\$1.2051	\$1.2051	\$0.278
\$32.54	\$20.35	\$16.41	\$15.13	\$19.82	\$36.60	\$140.85	\$196.8
\$0.1272	\$0.1272	\$0.1272	\$0.1272	\$0.1272	\$0.1272	\$0.1272	\$0.121
\$3.44	\$2.15	\$1.73	\$1.60	\$2.09	\$3.86	\$14.87	\$85.9
\$74.85	\$53.31	\$46.36	\$44.09	\$52.38	\$82.02	\$353.03	\$795.5

171 Winter Season (Jan. - Apr., Nov. - Dec.) 172 Low Income Residential Heating (R4)

174	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winte
175 average Usage (Therms)	64	97	138	131	99	61	590
176							
177 Winter:							
178 Cust. Chg	\$8.47	\$8.47	\$8.47	\$8.47	\$8.47	\$8.47	\$50.7
179 Headblock	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
180 Tailblock	\$21.74	\$32.85	\$46.66	\$44.34	\$33.65	\$20.73	\$199.9
181 HB Threshold							
182							
183 Summer:							
184 Cust. Chg							
185 Headblock							
186 Tailblock							
187 HB Threshold							
188							
189 Total Base Rate Amount	\$30.21	\$41.31	\$55.13	\$52.80	\$42.11	\$29.19	\$250.
190							
191 COG Rate - (Winter)	\$0.0729	\$0.0729	\$0.0729	\$0.0729	\$0.0729	\$0.0729	\$0.07
192 COG amount - Winter	\$4.6725	\$7.0599	\$10.0279	\$9.5285	\$7.2315	\$4.4550	\$42.9
193							
194 COG Rate - (Summer)							
195 COG amount - Summer							
196							
197 LDAC	\$0.1113	\$0.1113	\$0.1113	\$0.1113	\$0.1113	\$0.1113	0.111
198 LDAC amount	\$7.13	\$10.78	\$15.31	\$14.55	\$11.04	\$6.80	\$65.6
199							
200 Total Bill	\$42.01	\$59.15	\$80.46	\$76.88	\$60.39	\$40.45	\$359.
201							
202 DIFFERENCE:							
203 Total Bill	\$9.42	\$13.68	\$18.97	\$18.08	\$13.98	\$9.03	\$83.1
204 % Change	22.42%	23.12%	23.58%	23.52%	23.16%	22.33%	23.14
205							
206 Base Rate	\$7.42	\$10.65	\$14.67	\$14.00	\$10.88	\$7.12	\$64.7
207 % Change	24.55%	25.78%	26.62%	26.51%	25.85%	24.39%	25.82
208							
209 COG & LDAC	\$2.00	\$3.03	\$4.30	\$4.08	\$3.10	\$1.91	\$18.4
210 % Change	16.96%	16.96%	16.96%	16.96%	16.96%	16.96%	16.96

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
27	17	14	13	16	30	117	706
\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$15.39	\$92.35	\$143.15
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$16.65	\$10.41	\$8.40	\$7.74	\$10.14	\$18.73	\$72.08	\$272.04
\$32.05	\$25.81	\$23.79	\$23.13	\$25.54	\$34.12	\$164.44	\$415.19
\$1.2071	\$1.2071	\$1.2071	\$1.2071	\$1.2071	\$1.2071	\$1.2071	\$0.2606
\$32.5975	\$20.3829	\$16.4411	\$15.1527	\$19.8550	\$36.6619	\$141.09	\$184.07
\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1180	\$0.1124
\$3.19	\$1.99	\$1.61	\$1.48	\$1.94	\$3.58	\$13.79	\$79.40
\$67.83	\$48.18	\$41.84	\$39.77	\$47.33	\$74.37	\$319.32	\$678.66

DIFFERENCE:							
Total Bill	\$9.42	\$13.68	\$18.97	\$18.08	\$13.98	\$9.03	\$83.16
% Change	22.42%	23.12%	23.58%	23.52%	23.16%	22.33%	23.14%
5							
Base Rate	\$7.42	\$10.65	\$14.67	\$14.00	\$10.88	\$7.12	\$64.75
% Change	24.55%	25.78%	26.62%	26.51%	25.85%	24.39%	25.82%
3							
COG & LDAC	\$2.00	\$3.03	\$4.30	\$4.08	\$3.10	\$1.91	\$18.41
% Change	16.96%	16.96%	16.96%	16.96%	16.96%	16.96%	16.96%

\$7.02	\$5.13	\$4.52	\$4.32	\$5.05	\$7.65	\$33.71	\$116.87
10.35%	10.65%	10.81%	10.87%	10.67%	10.29%	10.56%	17.22%
\$6.83	\$5.01	\$4.43	\$4.23	\$4.93	\$7.44	\$32.87	\$97.62
21.31%	19.42%	18.60%	18.30%	19.32%	21.79%	19.99%	23.51%
\$0.19	\$0.12	\$0.10	\$0.09	\$0.12	\$0.22	\$0.84	\$19.25
0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	0.54%	7.31%

211 Winter Season (Jan. - Apr., Nov. - Dec.)
212 Commercial/Industrial - Low Annual Use, High Winter Use (G-41)

213	PROPOSED							
214		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
215	average Usage (Therms)	266	421	523	495	351	196	2,252
216								
217	Winter:							
218	Cust. Chg	\$67.38	\$67.38	\$67.38	\$67.38	\$67.38	\$67.38	\$404.28
219	Headblock	\$65.29	\$65.29	\$65.29	\$65.29	\$65.29	\$65.29	\$391.74
220	Tailblock	\$74.45	\$144.34	\$190.01	\$177.43	\$112.55	\$43.07	\$741.85
221	HB Threshold							
222								
223	Summer:							
224	Cust. Chg							
225	Headblock							
226	Tailblock							
227	HB Threshold							

\$322.68

\$0.1547

\$80.9428

\$0.0982

\$51.37

\$454.99

\$310.10

\$0.1547

\$76.6063

\$0.0982

\$48.62

\$435.32

\$245.22

\$0.1547

\$54.2531

\$0.0982

\$34.43

\$333.90

\$175.74

\$0.1547

\$30.3127

\$0.0982

\$19.24

\$225.29

\$1,537.87

\$0.1547

\$348.45

\$0.0982

\$221.13

\$2,107.44

\$277.01

\$0.1547

\$65.2049

\$0.0982

\$41.38

\$383.59

Summer Season (May - Oct.)

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
72	36	27	25	44	104	308	2,560
\$67.38	\$67.38	\$67.38	\$67.38	\$67.38	\$67.38	\$404.28	\$808.5
\$13.06	\$13.06	\$13.06	\$13.06	\$13.06	\$13.06	\$78.35	\$470.0
\$23.50	\$7.16	\$2.92	\$2.19	\$10.81	\$37.94	\$84.52	\$826.3
\$103.93	\$87.60	\$83.36	\$82.62	\$91.25	\$118.38	\$567.15	\$2,105.
\$1.2054	\$1.2054	\$1.2054	\$1.2054	\$1.2054	\$1.2054	\$1.2054	\$0.281
\$87.17	\$43.34	\$31.95	\$29.97	\$53.13	\$125.93	\$371.49	\$719.9
\$0.1049	\$0.1049	\$0.1049	\$0.1049	\$0.1049	\$0.1049	\$0.1049	\$0.099
\$7.59	\$3.77	\$2.78	\$2.61	\$4.62	\$10.96	\$32.33	\$253.4
\$198.69	\$134.71	\$118.08	\$115.21	\$149.01	\$255.27	\$970.97	\$3,078.4

Total Base Rate Amount

COG Rate - (Winter)

COG amount - Winter

234 COG Rate - (Summer) 235 COG amount - Summer

LDAC amount

228 229 230

231 232

233

236 237 LDAC

238

239 240 Total Bill

Winter Season (Jan. - Apr., Nov. - Dec.)
 Commercial/Industrial - Low Annual Use, High Winter Use (G-41)

\$207.12

\$0.1547

\$41.1253

\$0.0982

\$26.10

\$274.34

243	CURRENT	, ,	,					
	CORRENT	Nov-23	D 22	lam 24	F=1- 04	Man 24	A 24	Winter
244			Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	
245 246	average Usage (Therms)	266	421	523	495	351	196	2,252
	Winter:							
		000.04	000.04	000.04	000.04	000.04	000.04	6004.00
248 249	Cust. Chg	\$60.81 \$49.28	\$60.81	\$60.81	\$60.81	\$60.81 \$49.28	\$60.81	\$364.89
	Headblock		\$49.28	\$49.28	\$49.28		\$49.28	\$295.68
250	Tailblock	\$56.20	\$108.95	\$143.43	\$133.93	\$84.96	\$32.51	\$559.98
251 252	HB Threshold							
253	Summer:							
254	Cust. Chg							
255	Headblock							
256	Tailblock							
257	HB Threshold							
258								
259	Total Base Rate Amount	\$166.29	\$219.05	\$253.53	\$244.02	\$195.05	\$142.60	\$1,220.55
260								
261	COG Rate - (Winter)	\$0.1327	\$0.1327	\$0.1327	\$0.1327	\$0.1327	\$0.1327	\$0.1327
262	COG amount - Winter	\$35.2684	\$55.9187	\$69.4152	\$65.6963	\$46.5266	\$25.9956	\$298.82
263								
264	COG Rate - (Summer)							
265	COG amount - Summer							
266								
267	LDAC	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890
268	LDAC amount	\$23.65	\$37.50	\$46.56	\$44.06	\$31.20	\$17.43	\$200.41
269								
270	Total Bill	\$225.21	\$312.47	\$369.50	\$353.78	\$272.78	\$186.03	\$1,719.78
271								
272	DIFFERENCE:							
273	Total Bill	\$49.13	\$71.12	\$85.50	\$81.54	\$61.12	\$39.25	\$387.66
274	% Change	21.81%	22.76%	23.14%	23.05%	22.41%	21.10%	22.54%
275								
276	Base Rate	\$40.83	\$57.96	\$69.16	\$66.07	\$50.17	\$33.13	\$317.32
277	% Change	24.55%	26.46%	27.28%	27.08%	25.72%	23.23%	26.00%
278								
279	COG & LDAC	\$8.30	\$13.16	\$16.34	\$15.46	\$10.95	\$6.12	\$70.34
280	% Change	14.09%	14.09%	14.09%	14.09%	14.09%	14.09%	14.09%
						•		

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
72	36	27	25	44	104	308	2,560
\$60.81	\$60.81	\$60.81	\$60.81	\$60.81	\$60.81	\$364.89	\$729.78
\$9.86	\$9.86	\$9.86	\$9.86	\$9.86	\$9.86	\$59.14	\$354.82
\$17.74	\$5.41	\$2.20	\$1.65	\$8.16	\$28.64	\$63.80	\$623.78
\$88.41	\$76.08	\$72.88	\$72.32	\$78.83	\$99.31	\$487.82	\$1,708.37
\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$0.2621
\$87.32	\$43.41	\$32.00	\$30.02	\$53.22	\$126.15	\$372.12	\$670.94
\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0898
\$6.92	\$3.44	\$2.54	\$2.38	\$4.22	\$10.00	\$29.49	\$229.91
\$182.65	\$122.93	\$107.41	\$104.72	\$136.27	\$235.45	\$889.44	\$2,609.22

\$16		\$11.78	\$10.67	\$10.48	\$12.73	\$19.82	\$81.53	\$469.19
8.7		9.58%	9.94%	10.01%	9.34%	8.42%	9.17%	17.98%
\$15	.53	\$11.52	\$10.48	\$10.30	\$12.42	\$19.07	\$79.33	\$396.65
17.5	56%	15.15%	14.39%	14.25%	15.75%	19.20%	16.26%	23.22%
\$0.		\$0.26	\$0.19	\$0.18	\$0.32	\$0.75	\$2.21	\$72.55
0.5		0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	8.05%

281 Winter Season (Jan. - Apr., Nov. - Dec.)
282 Commercial/Industrial - Medium Annual Use, High Winter Use (G-42)

283	PROPOSED							
284		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
285	average Usage (Therms)	2,572	3,720	4,472	4,295	3,196	1,965	20,220
286								
287	Winter:							
288	Cust. Chg	\$202.13	\$202.13	\$202.13	\$202.13	\$202.13	\$202.13	\$1,212.78
289	Headblock	\$566.70	\$566.70	\$566.70	\$566.70	\$566.70	\$566.70	\$3,400.20
290	Tailblock	\$608.45	\$1,052.54	\$1,343.67	\$1,275.30	\$850.01	\$373.30	\$5,503.26
291	HB Threshold							
292								
293	Summer:							
294	Cust. Chg							
295	Headblock							
296	Tailblock							
297	HB Threshold							
298								
299	Total Base Rate Amount	\$1,377.28	\$1,821.37	\$2,112.50	\$2,044.13	\$1,618.84	\$1,142.13	\$10,116.24
300								
301	COG Rate - (Winter)	\$0.1547	\$0.1547	\$0.1547	\$0.1547	\$0.1547	\$0.1547	\$0.1547
302	COG amount - Winter	\$398.0172	\$575.5805	\$691.9858	\$664.6517	\$494.6037	\$303.9953	\$3,128.83
303								
304	COG Rate - (Summer)							
305	COG amount - Summer							
306								
307	LDAC	\$0.0982	\$0.0982	\$0.0982	\$0.0982	\$0.0982	\$0.0982	\$0.0982
308	LDAC amount	\$252.59	\$365.28	\$439.15	\$421.80	\$313.89	\$192.92	\$1,985.64
309								
310	Total Bill	\$2,027.89	\$2,762.22	\$3,243.63	\$3,130.59	\$2,427.33	\$1,639.05	\$15,230.71

Summer Season (May - Oct.)

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
819	445	333	333	570	1,228	3,728	23,949
\$202.13	\$202.13	\$202.13	\$202.13	\$202.13	\$202.13	\$1,212.78	\$2,425.56
\$226.68	\$226.68	\$188.48	\$188.97	\$226.68	\$226.68	\$1,284.17	\$4,684.37
\$162.09	\$17.50	\$0.00	\$0.00	\$65.95	\$320.44	\$565.97	\$6,069.24
\$590.90	\$446.31	\$390.61	\$391.10	\$494.76	\$749.25	\$3,062.92	\$13,179.16
\$1.2054	\$1.2054	\$1.2054	\$1.2054	\$1.2054	\$1.2054	\$1.2054	\$0.3183
\$986.98	\$536.65	\$400.89	\$401.93	\$687.54	\$1,480.18	\$4,494.16	\$7,623.00
\$0.1049	\$0.1049	\$0.1049	\$0.1049	\$0.1049	\$0.1049	\$0.1049	\$0.0992
\$85.89	\$46.70	\$34.89	\$34.98	\$59.84	\$128.82	\$391.12	\$2,376.76
1.663.77	\$1.029.67	\$826.38	\$828.01	\$1.242.13	\$2.358.25	\$7,948.20	\$23,178,92

311 Winter Season (Jan. - Apr., Nov. - Dec.)

314		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winte
315 ave	erage Usage (Therms)	2,572	3,720	4,472	4,295	3,196	1,965	20,220
316		· ·						
317 Wi	inter:							
318 Cu	ist. Chg	\$182.42	\$182.42	\$182.42	\$182.42	\$182.42	\$182.42	\$1,094.
319 He	adblock	\$448.50	\$448.50	\$448.50	\$448.50	\$448.50	\$448.50	\$2,691.
320 Tai	ilblock	\$481.57	\$833.05	\$1,063.48	\$1,009.37	\$672.76	\$295.45	\$4,355.
321 HB	3 Threshold							
322								
323 Su	ımmer:							
324 Cu	ist. Chg							
325 He	adblock							
326 Tai	ilblock							
327 HB	3 Threshold							
328								
	tal Base Rate Amount	\$1,112.49	\$1,463.97	\$1,694.40	\$1,640.29	\$1,303.68	\$926.38	\$8,141.
330								
331 CC	OG Rate - (Winter)	\$0.1327	\$0.1327	\$0.1327	\$0.1327	\$0.1327	\$0.1327	\$0.132
	DG amount - Winter	\$341.3331	\$493.6084	\$593.4356	\$569.9944	\$424.1640	\$260.7014	\$2,683.2
333								
	OG Rate - (Summer)							
	OG amount - Summer							
336								
337 LD		\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.089
	AC amount	\$228.93	\$331.06	\$398.01	\$382.29	\$284.48	\$174.85	\$1,799.6
339								
	tal Bill	\$1,682.75	\$2,288.64	\$2,685.84	\$2,592.57	\$2,012.33	\$1,361.93	\$12,624.
341								
	FFERENCE:							
	tal Bill	\$345.14	\$473.59	\$557.79	\$538.02	\$415.01	\$277.12	\$2,606.6
	Change	20.51%	20.69%	20.77%	20.75%	20.62%	20.35%	20.65%
345	D-4-	0004.70	* 057.00	# 440.40	# 400.04	0045.40	0045.75	64.075.0
	ise Rate	\$264.79	\$357.39	\$418.10	\$403.84	\$315.16	\$215.75	\$1,975.0
	Change	23.80%	24.41%	24.68%	24.62%	24.17%	23.29%	24.269
348	OG & LDAC	¢00.25	¢116 10	¢120.60	¢124 17	¢00.95	¢61 27	¢624.6
		\$80.35	\$116.19	\$139.69	\$134.17	\$99.85	\$61.37	\$631.6
აას % (Change	14.09%	14.09%	14.09%	14.09%	14.09%	14.09%	14.09%

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
819	445	333	333	570	1,228	3,728	23,949
\$182.42 \$179.40 \$128.29	\$182.42 \$179.40 \$13.85	\$182.42 \$149.17 \$0.00	\$182.42 \$149.55 \$0.00	\$182.42 \$179.40 \$52.19	\$182.42 \$179.40 \$253.62	\$1,094.53 \$1,016.32 \$447.95	\$2,189.05 \$3,707.32 \$4.803.63
\$490.11	\$375.67	\$331.59	\$331.98	\$414.02	\$615.44	\$2,558.80	\$10,700.0
\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$0.3000
\$988.65	\$537.56	\$401.57	\$402.61	\$688.70	\$1,482.69	\$4,501.79	\$7,185.03
\$0.0957 \$78.36	\$0.0957 \$42.61	\$0.0957 \$31.83	\$0.0957 \$31.91	\$0.0957 \$54.59	\$0.0957 \$117.52	\$0.0957 \$356.82	\$0.0900 \$2,156.43
1,557.12	\$955.84	\$764.98	\$766.50	\$1,157.31	\$2,215,65	\$7,417.40	\$20,041.46

2	DIFFERENCE:							
3	Total Bill	\$345.14	\$473.59	\$557.79	\$538.02	\$415.01	\$277.12	\$2,606.66
4	% Change	20.51%	20.69%	20.77%	20.75%	20.62%	20.35%	20.65%
5								
ŝ	Base Rate	\$264.79	\$357.39	\$418.10	\$403.84	\$315.16	\$215.75	\$1,975.03
7	% Change	23.80%	24.41%	24.68%	24.62%	24.17%	23.29%	24.26%
3								
9	COG & LDAC	\$80.35	\$116.19	\$139.69	\$134.17	\$99.85	\$61.37	\$631.62
)	% Change	14.09%	14.09%	14.09%	14.09%	14.09%	14.09%	14.09%

\$106.65 6.85%	\$73.82 7.72%	\$61.40 8.03%	\$61.51 8.02%	\$84.82 7.33%	\$142.59 6.44%	\$530.80 7.16%	\$3,137.46 15.65%
\$100.79	\$70.64	\$59.02	\$59.12	\$80.74	\$133.81	\$504.12	\$2,479.16
20.56%	18.80%	17.80%	17.81%	19.50%	21.74%	19.70%	23.17%
\$5.86	\$3.19	\$2.38	\$2.39	\$4.08	\$8.79	\$26.68	\$658.30
0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	7.05%

351 Winter Season (Jan. - Apr., Nov. - Dec.)
352 Commercial/Industrial - High Annual Use. High Winter Use (G-43)

354		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
	average Usage (Therms)	20,835	27,418	33,202	31,104	25,329	17,425	155,312
356		·					•	
357	Winter:							
358	Cust. Chg	\$865.55	\$865.55	\$865.55	\$865.55	\$865.55	\$865.55	\$5,193.30
359	Headblock	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
360	Tailblock	\$7,231.70	\$9,516.68	\$11,524.48	\$10,796.25	\$8,791.57	\$6,048.27	\$53,908.9
361	HB Threshold							
362								
363	Summer:							
364	Cust. Chg							
365	Headblock							
366	Tailblock							
367	HB Threshold							
368								
369	Total Base Rate Amount	\$8,097.25	\$10,382.23	\$12,390.03	\$11,661.80	\$9,657.12	\$6,913.82	\$59,102.2
370								
	COG Rate - (Winter)	\$0.1547	\$0.1547	\$0.1547	\$0.1547	\$0.1547	\$0.1547	\$0.1547
372	COG amount - Winter	\$3,223.8909	\$4,242.5361	\$5,137.6090	\$4,812.9639	\$3,919.2788	\$2,696.3171	\$24,032.60
373								
	COG Rate - (Summer)							
	COG amount - Summer							
376								
	LDAC	\$0.0982	\$0.0982	\$0.0982	\$0.0982	\$0.0982	\$0.0982	\$0.0982
	LDAC amount	\$2,045.96	\$2,692.42	\$3,260.45	\$3,054.43	\$2,487.27	\$1,711.15	\$15,251.6
379	L	1						
380	Total Bill	\$13,367.10	\$17,317.19	\$20,788.09	\$19,529.19	\$16,063.67	\$11,321.29	\$98,386.52

Summer Season (May - Oct.)

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
8,580	5,719	4,491	4,834	6,275	13,043	42,943	198,255
\$865.55 \$0.00 \$1,447.42	\$865.55 \$0.00 \$964.76	\$865.55 \$0.00 \$757.67	\$865.55 \$0.00 \$815.57	\$865.55 \$0.00 \$1,058.63	\$865.55 \$0.00 \$2,200.36	\$5,193.30 \$0.00 \$7,244.41	\$10,386.60 \$0.00 \$61,153.36
\$2,312.97	\$1,830.31	\$1,623.22	\$1,681.12	\$1,924.18	\$3,065.91	\$12,437.71	\$71,539.96
\$1.2054 \$10,341.78	\$1.2054 \$6,893.17	\$1.2054 \$5,413.50	\$1.2054 \$5,827.19	\$1.2054 \$7,563.90	\$1.2054 \$15,721.50	\$1.2054 \$51,761.04	\$0.3823 \$75,793.64
\$0.1049 \$900.03	\$0.1049 \$599.90	\$0.1049 \$471.13	\$0.1049 \$507.13	\$0.1049 \$658.27	\$0.1049 \$1,368.22	\$0.1049 \$4,504.68	\$0.0997 \$19,756.36
\$13.554.79	\$9,323.38	\$7,507.85	\$8,015.43	\$10,146.36	\$20,155.63	\$68,703.43	\$167.089.95

381 Winter Season (Jan. - Apr., Nov. - Dec.)
382 Commercial/Industrial - High Annual Use, High Winter Use (G-43)

384		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
385	average Usage (Therms)	20.835	27.418	33,202	31.104	25.329	17.425	155,31
386	,	-,						, .
387	Winter:							
388	Cust. Chg	\$781.17	\$781.17	\$781.17	\$781.17	\$781.17	\$781.17	\$4,687.0
389	Headblock	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
390	Tailblock	\$5,762.86	\$7,583.74	\$9,183.72	\$8,603.40	\$7,005.90	\$4,819.80	\$42,959.
391	HB Threshold							
392								
393	Summer:							
394	Cust. Chg							
395	Headblock							
396	Tailblock							
397	HB Threshold							
398								
399	Total Base Rate Amount	\$6,544.03	\$8,364.91	\$9,964.89	\$9,384.57	\$7,787.07	\$5,600.97	\$47,646.
400								
401	COG Rate - (Winter)	\$0.1327	\$0.1327	\$0.1327	\$0.1327	\$0.1327	\$0.1327	\$0.1327
402	COG amount - Winter	\$2,764.7559	\$3,638.3292	\$4,405.9290	\$4,127.5187	\$3,361.1090	\$2,312.3172	\$20,609.9
403								
404	COG Rate - (Summer)							
405	COG amount - Summer							
406								
407	LDAC	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890
408	LDAC amount	\$1,854.28	\$2,440.18	\$2,954.99	\$2,768.27	\$2,254.25	\$1,550.84	\$13,822.8
409								
410	Total Bill	\$11,163.07	\$14,443.41	\$17,325.81	\$16,280.36	\$13,402.42	\$9,464.12	\$82,079.2
411								
412								
		\$2,204.04	\$2,873.78	\$3,462.27	\$3,248.83	\$2,661.24	\$1,857.17	\$16,307.3
414	% Change	19.74%	19.90%	19.98%	19.96%	19.86%	19.62%	19.87%
415								
	Base Rate	\$1,553.22	\$2,017.33	\$2,425.13	\$2,277.22	\$1,870.05	\$1,312.85	\$11,455.8
	% Change	23.73%	24.12%	24.34%	24.27%	24.01%	23.44%	24.04%
418			4050 45		4074.05			
	COG & LDAC	\$650.81	\$856.45	\$1,037.14	\$971.60	\$791.19	\$544.31	\$4,851.5
420	% Change	14.09%	14.09%	14.09%	14.09%	14.09%	14.09%	14.09%

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
8,580	5,719	4,491	4,834	6,275	13,043	42,943	198,255
\$781.17	\$781.17	\$781.17	\$781.17	\$781.17	\$781.17	\$4,687.02	\$9,374.03
\$0.00 \$1,153.13	\$0.00 \$768.60	\$0.00 \$603.62	\$0.00 \$649.75	\$0.00 \$843.39	\$0.00 \$1,752.99	\$0.00 \$5,771.48	\$0.00 \$48,730.90
\$1,934.30	\$1,549.77	\$1,384.79	\$1,430.91	\$1,624.56	\$2,534.15	\$10,458.50	\$58,104.93
\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$1.2074	\$0.3655
\$10,359.33	\$6,904.86	\$5,422.69	\$5,837.07	\$7,576.74	\$15,748.18	\$51,848.87	\$72,458.83
\$0.0957 \$821.09	\$0.0957 \$547.29	\$0.0957 \$429.81	\$0.0957 \$462.65	\$0.0957 \$600.54	\$0.0957 \$1,248.22	\$0.0957 \$4,109.61	\$0.0905 \$17,932.41
\$13.114.73	\$9.001.93	\$7.237.29	\$7.730.64	\$9.801.84	\$19.530.55	\$66.416.98	\$148.496.17

	DIFFERENCE:							
	Total Bill	\$2,204.04	\$2,873.78	\$3,462.27	\$3,248.83	\$2,661.24	\$1,857.17	\$16,307.32
	% Change	19.74%	19.90%	19.98%	19.96%	19.86%	19.62%	19.87%
	Base Rate	\$1,553.22	\$2,017.33	\$2,425.13	\$2,277.22	\$1,870.05	\$1,312.85	\$11,455.81
	% Change	23.73%	24.12%	24.34%	24.27%	24.01%	23.44%	24.04%
1	COG & LDAC	\$650.81	\$856.45	\$1,037.14	\$971.60	\$791.19	\$544.31	\$4,851.51
1	% Change	14.09%	14.09%	14.09%	14.09%	14.09%	14.09%	14.09%

\$440.06	\$321.45	\$270.56	\$284.79	\$344.52	\$625.08	\$2,286.45	\$18,593.78
3.36%	3.57%	3.74%	3.68%	3.51%	3.20%	3.44%	12.52%
\$378.67	\$280.54	\$238.43	\$250.20	\$299.62	\$531.76	\$1,979.22	\$13,435.03
19.58%	18.10%	17.22%	17.49%	18.44%	20.98%	18.92%	23.12%
\$61.39	\$40.92	\$32.13	\$34.59	\$44.90	\$93.32	\$307.24	\$5,158.75
0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	5.71%

421 Winter Season (Jan. - Apr., Nov. - Dec.)
422 Commercial/Industrial - Low Annual Use, Low Winter Use (G-51)

422	Commercial/muustriai - Low Amiluai Os	0, 2011 11111101	000 (0 0.)					
423	PROPOSED							
424		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
425	average Usage (Therms)	289	347	393	372	315	255	1,972
426								
427	Winter:							
428	Cust. Chg	\$67.45	\$67.45	\$67.45	\$67.45	\$67.45	\$67.45	\$404.70
429	Headblock	\$40.33	\$40.33	\$40.33	\$40.33	\$40.33	\$40.33	\$241.98
430	Tailblock	\$50.96	\$66.51	\$78.99	\$73.37	\$57.80	\$41.75	\$369.38
431	HB Threshold							
432								
433	Summer:							
434	Cust. Chg							
435	Headblock							
436	Tailblock							
437	HB Threshold							
438								
439	Total Base Rate Amount	\$158.74	\$174.29	\$186.77	\$181.15	\$165.58	\$149.53	\$1,016.06
440								
441	COG Rate - (Winter)	\$0.1542	\$0.1542	\$0.1542	\$0.1542	\$0.1542	\$0.1542	\$0.1542
442	COG amount - Winter	\$44.6121	\$53.5167	\$60.6618	\$57.4442	\$48.5257	\$39.3382	\$304.10
443								
444	COG Rate - (Summer)							
445	COG amount - Summer							
446								
447	LDAC	\$0.0982	\$0.0982	\$0.0982	\$0.0982	\$0.0982	\$0.0982	\$0.0982
448	LDAC amount	\$28.40	\$34.07	\$38.62	\$36.57	\$30.90	\$25.05	\$193.61
449								
450	Total Bill	\$231.76	\$261.88	\$286.05	\$275.17	\$245.00	\$213.92	\$1,513.77

Summer Season (May - Oct.)

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
205	205	186	174	196	257	1,223	3,195
\$67.45	\$67.45	\$67.45	\$67.45	\$67.45	\$67.45	\$404.70	\$809.4
\$40.33	\$40.33	\$40.33	\$40.33	\$40.33	\$40.33	\$241.98	\$483.9
\$28.21	\$28.28	\$23.15	\$19.96	\$25.93	\$42.36	\$167.88	\$537.2
\$135.99	\$136.06	\$130.93	\$127.74	\$133.71	\$150.14	\$814.56	\$1,830.
\$1.2048	\$1.2048	\$1.2048	\$1.2048	\$1.2048	\$1.2048	\$1.2048	\$0.556
\$246.66	\$247.01	\$224.04	\$209.76	\$236.47	\$309.97	\$1,473.91	\$1,778
\$0.1049	\$0.1049	\$0.1049	\$0.1049	\$0.1049	\$0.1049	\$0.1049	\$0.100
\$21.48	\$21.51	\$19.51	\$18.26	\$20.59	\$26.99	\$128.34	\$321.9
\$404.12	\$404.58	\$374.48	\$355.76	\$390.76	\$487.10	\$2,416.80	\$3,930.

452 Comm 453 CURRI	ercial/Industrial - Low Annu	al Use, Low Winter	Use (G-51)					1
453 CURRI	EN I	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Win
	e Usage (Therms)	289	347	393	372	315	255	1,9
456	3,							, ,
457 Winter	:							
458 Cust. C		\$60.87	\$60.87	\$60.87	\$60.87	\$60.87	\$60.87	\$365
459 Headbl		\$29.70	\$29.70	\$29.70	\$29.70	\$29.70	\$29.70	\$178
460 Tailblo		\$37.53	\$48.98	\$58.16	\$54.03	\$42.56	\$30.75	\$271
461 HB Thr	eshold							
462 463 Summ	or:							
464 Cust. C								
465 Headbl								
466 Tailblo								
467 HB Thr	eshold							
468								
	ase Rate Amount	\$128.10	\$139.55	\$148.73	\$144.60	\$133.13	\$121.32	\$815
470			** ***	** ***	** ***	** ***	** ***	
	tate - (Winter)	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1
472 COG a	mount - Winter	\$38.2380	\$45.8703	\$51.9946	\$49.2367	\$41.5924	\$33.7176	\$260
	ate - (Summer)							
	mount - Summer							
476								
477 LDAC		\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0
478 LDAC	amount	\$25.74	\$30.88	\$35.00	\$33.15	\$28.00	\$22.70	\$175
479								
480 Total E	Bill	\$192.08	\$216.30	\$235.73	\$226.98	\$202.72	\$177.73	\$1,25
482 DIFFEI	RENCE:							
483 Total E		\$39.68	\$45.58	\$50.32	\$48.19	\$42.27	\$36.18	\$262
484 % Cha	nge	20.66%	21.07%	21.35%	21.23%	20.85%	20.36%	20.9
485 486 Base F	Pato	\$30.65	\$34.74	\$38.03	\$36.55	\$32.45	\$28.22	\$200
487 % Cha		23.92%	24.90%	25.57%	25.28%	24.37%	23.26%	24.6
488	-0-	20.0270	2	20.01.73	20.20.0	2	20.2073	1.0
489 COG 8	LDAC	\$9.04	\$10.84	\$12.29	\$11.63	\$9.83	\$7.97	\$61.
490 % Cha	nge	14.12%	14.12%	14.12%	14.12%	14.12%	14.12%	14.1

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
205	205	186	174	196	257	1,223	3,195
\$60.87	\$60.87	\$60.87	\$60.87	\$60.87	\$60.87	\$365.22	\$730.45
\$29.70	\$29.70	\$29.70	\$29.70	\$29.70	\$29.70	\$178.20	\$356.40
\$20.77	\$20.83	\$17.05	\$14.70	\$19.09	\$31.19	\$123.62	\$395.62
\$111.34	\$111.40	\$107.62	\$105.27	\$109.66	\$121.76	\$667.05	\$1,482.46
\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$0.5437
\$247.08	\$247.43	\$224.42	\$210.12	\$236.87	\$310.50	\$1,476.41	\$1,737.06
\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0916
\$19.59	\$19.62	\$17.80	\$16.66	\$18.78	\$24.62	\$117.08	\$292.56
\$378.01	\$378.44	\$349.83	\$332.05	\$365.31	\$456.88	\$2,260.53	\$3,512.08

\$26.11 6.91%	\$26.13 6.91%	\$24.64 7.04%	\$23.72 7.14%	\$25.45 6.97%	\$30.22 6.61%	\$156.27 6.91%	\$418.50 11.92%
\$24.65	\$24.67	\$23.31	\$22.47	\$24.05	\$28.38	\$147.52	\$348.16
22.14%	22.14%	21.66%	21.35%	21.93%	23.31%	22.12%	23.49%
\$1.46	\$1.47	\$1.33	\$1.25	\$1.40	\$1.84	\$8.75	\$70.34
0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	3.47%

191	Winter	Season	(.lan -	Anr	Nov	- Dec)

431	Willier Season (San Apr., Nov Dec.)							
492	Commercial/Industrial - Medium Annual	Use, Low Win	ter Use (G-52)					
	PROPOSED							
494		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
495	average Usage (Therms)	1,916	2,288	2,709	2,529	2,176	1,766	13,384
496								
497	Winter:							
498	Cust. Chg	\$201.95	\$201.95	\$201.95	\$201.95	\$201.95	\$201.95	\$1,211.70
499	Headblock	\$332.10	\$332.10	\$332.10	\$332.10	\$332.10	\$332.10	\$1,992.60
500	Tailblock	\$207.82	\$292.24	\$387.83	\$346.93	\$266.88	\$173.81	\$1,675.50
501	HB Threshold							
502								
503	Summer:							
504	Cust. Chg							
505	Headblock							
506	Tailblock							
507	HB Threshold							
508								
509	Total Base Rate Amount	\$741.87	\$826.29	\$921.88	\$880.98	\$800.93	\$707.86	\$4,879.80
510								
511	COG Rate - (Winter)	\$0.1542	\$0.1542	\$0.1542	\$0.1542	\$0.1542	\$0.1542	\$0.1542
512	COG amount - Winter	\$295.5010	\$352.8924	\$417.8672	\$390.0652	\$335.6478	\$272.3834	\$2,064.36
513								
514	COG Rate - (Summer)							
515	COG amount - Summer							
516								
517	LDAC	\$0.0982	\$0.0982	\$0.0982	\$0.0982	\$0.0982	\$0.0982	\$0.0982
518	LDAC amount	\$188.14	\$224.68	\$266.05	\$248.35	\$213.70	\$173.42	\$1,314.34
519								
520	Total Bill	\$1,225.51	\$1,403.87	\$1,605.80	\$1,519.39	\$1,350.27	\$1,153.66	\$8,258.50

Summer Season (May - Oct.)

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
1,399	1,382	1,237	1,246	1,341	1,653	8,259	21,644
\$201.95	\$201.95	\$201.95	\$201.95	\$201.95	\$201.95	\$1,211.70	\$2,423.40
\$245.30	\$245.30	\$245.30	\$245.30	\$245.30	\$245.30	\$1,471.80	\$3,464.40
\$58.63	\$56.13	\$34.78	\$36.18	\$50.06	\$95.87	\$331.65	\$2,007.15
\$505.88	\$503.38	\$482.03	\$483.43	\$497.31	\$543.12	\$3,015.15	\$7,894.95
***	***	***	***	***	***		******
\$1.2048 \$1,685.95	\$1.2048 \$1,665.38	\$1.2048 \$1,490.18	\$1.2048 \$1,501.67	\$1.2048 \$1,615.55	\$1.2048 \$1,991.58	\$1.2048 \$9,950.32	\$0.5551 \$12,014.67
\$0.1049	\$0.1049	\$0.1049	\$0.1049	\$0.1049	\$0.1049	\$0.1049	\$0.1008
\$146.80	\$145.01	\$129.75	\$130.75	\$140.67	\$173.41	\$866.39	\$2,180.73
2,338.63	\$2,313.77	\$2,101.96	\$2.115.85	\$2,253.53	\$2,708.11	\$13.831.86	\$22.090.35

522	Commercial/Industrial	- Medium	Annual Use,	Low Winter Use (G-52))

521	Winter Season (Jan Apr., Nov	· Dec.)						
	Commercial/Industrial - Medium		nter Use (G-52)				
523	CURRENT		,					
524		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winte
525	average Usage (Therms)	1,916	2,288	2,709	2,529	2,176	1,766	13,38
526								
	Winter:							
	Cust. Chg	\$182.26	\$182.26	\$182.26	\$182.26	\$182.26	\$182.26	\$1,093.
	Headblock	\$256.00	\$256.00	\$256.00	\$256.00	\$256.00	\$256.00	\$1,536.
	Tailblock	\$160.19	\$225.27	\$298.95	\$267.42	\$205.71	\$133.97	\$1,291.
	HB Threshold							
532								
	Summer:							
	Cust. Chg Headblock							l
	Tailblock							l
	HB Threshold							
538	HB Tillesiloid							
539	Total Base Rate Amount	\$598.45	\$663.53	\$737.21	\$705.68	\$643.98	\$572.24	\$3,921.
540	Total Base Nate / anount	ψ030.40	ψ000.00	ψ/0/.21	ψ100.00	ψ0-10.00	ψ012.2 4	Ψ0,021.
	COG Rate - (Winter)	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.132
	COG amount - Winter	\$253.2804	\$302.4718	\$358.1631	\$334.3335	\$287.6911	\$233.4658	\$1,769.4
543		,						. ,
544	COG Rate - (Summer)							
545	COG amount - Summer							
546								
547	LDAC	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.089
548	LDAC amount	\$170.51	\$203.63	\$241.12	\$225.08	\$193.68	\$157.17	\$1,191.
549								
	Total Bill	\$1,022.25	\$1,169.63	\$1,336.50	\$1,265.10	\$1,125.35	\$962.88	\$6,881.7
551								
	DIFFERENCE: Total Bill	1 2000 00	\$234.23	****	****	****	6400 70	64.070
553 554		\$203.26 19.88%	\$234.23 20.03%	\$269.30	\$254.29 20.10%	\$224.93 19.99%	\$190.78	\$1,376.7
555	% Change	19.00%	20.03%	20.15%	20.10%	19.99%	19.81%	20.019
	Base Rate	\$143.41	\$162.76	\$184.67	\$175.29	\$156.95	\$135.62	\$958.7
	% Change	23.96%	24.53%	25.05%	24.84%	24.37%	23.70%	24.459
558	70 Shange	23.3070	24.55 /0	20.0070	24.04 /0	24.01/0	23.1070	24.407
	COG & LDAC	\$59.85	\$71.47	\$84.63	\$79.00	\$67.98	\$55.16	\$418.0
	% Change	14.12%	14.12%	14.12%	14.12%	14.12%	14.12%	14.129
000	70 Orlango	14.1270	12 /0	12.70	12 /0	IZ /0	1 1.12 /0	77.12

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
1,399	1,382	1,237	1,246	1,341	1,653	8,259	21,644
****	****	****	****	****	****	******	*********
\$182.26	\$182.26	\$182.26	\$182.26	\$182.26	\$182.26	\$1,093.58	\$2,187.16
\$189.10	\$189.10	\$189.10	\$189.10	\$189.10	\$189.10	\$1,134.60	\$2,670.60
\$45.21	\$43.28	\$26.82	\$27.90	\$38.60	\$73.93	\$255.74	\$1,547.26
\$416.58	\$414.64	\$398.18	\$399.26	\$409.96	\$445.29	\$2.483.92	ec 405.00
\$4 IO.36	\$414.04	\$390.10	\$399.Z0	\$409.90	\$445.29	\$2,463.92	\$6,405.02
\$1,2068	\$1,2068	\$1,2068	\$1,2068	\$1.2068	\$1.2068	\$1.2068	\$0.5423
\$1.688.81	\$1.668.21	\$1,492,71	\$1.504.22	\$1.618.29	\$1.994.96	\$9,967.21	\$11,736.6
ψ1,000.01	ψ1,000.21	ψ1,≒8∠./1	ψ1,504.22	ψ1,010.29	ψ1,004.90	ψ3,307.21	ψ11,730.0
\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0916
\$133.92	\$132.29	\$118.37	\$119.29	\$128.33	\$158.20	\$790.41	\$1,981.61
\$2.239.31	\$2,215,15	\$2.009.27	\$2.022.76	\$2.156.59	\$2.598.46	\$13.241.54	\$20,123.24

3	Total Bill	\$203.26	\$234.23	\$269.30	\$254.29	\$224.93	\$190.78	\$1,376.79
4	% Change	19.88%	20.03%	20.15%	20.10%	19.99%	19.81%	20.01%
5								
6	Base Rate	\$143.41	\$162.76	\$184.67	\$175.29	\$156.95	\$135.62	\$958.70
7	% Change	23.96%	24.53%	25.05%	24.84%	24.37%	23.70%	24.45%
8								
9	COG & LDAC	\$59.85	\$71.47	\$84.63	\$79.00	\$67.98	\$55.16	\$418.09
0	% Change	14.12%	14.12%	14.12%	14.12%	14.12%	14.12%	14.12%

\$99.32	\$98.62	\$92.70	\$93.09	\$96.94	\$109.66	\$590.32	\$1,967.11
4.44%	4.45%	4.61%	4.60%	4.49%	4.22%	4.46%	9.78%
\$89.31	\$88.73	\$83.85	\$84.17	\$87.34	\$97.83	\$531.23	\$1,489.93
21.44%	21.40%	21.06%	21.08%	21.31%	21.97%	21.39%	23.26%
\$10.01	\$9.89	\$8.85	\$8.92	\$9.59	\$11.83	\$59.09	\$477.18
0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	3.48%

561 Winter Season (Jan. - Apr., Nov. - Dec.)

562	Commercial/Industrial - High Annual Us	e, Load Factor	r Less Than 90)% (G-53)				
563	PROPOSED							
564		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
565	average Usage (Therms)	26,393	30,514	34,284	31,537	28,621	23,002	174,351
566								
567	Winter:							
568	Cust. Chg	\$892.79	\$892.79	\$892.79	\$892.79	\$892.79	\$892.79	\$5,356.74
569	Headblock	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
570	Tailblock	\$5,951.65	\$6,880.83	\$7,731.02	\$7,111.63	\$6,454.15	\$5,186.86	\$39,316.13
571	HB Threshold							
572								
573	Summer:							
574	Cust. Chg							
575	Headblock							
576	Tailblock							
577	HB Threshold							
578								
579	Total Base Rate Amount	\$6,844.44	\$7,773.62	\$8,623.81	\$8,004.42	\$7,346.94	\$6,079.65	\$44,672.87
580								
581	COG Rate - (Winter)	\$0.1542	\$0.1542	\$0.1542	\$0.1542	\$0.1542	\$0.1542	\$0.1542
582	COG amount - Winter	\$4,070.8011	\$4,706.3385	\$5,287.8480	\$4,864.1999	\$4,414.4966	\$3,547.6987	\$26,891.38
583								
584	COG Rate - (Summer)							
585	COG amount - Summer							
586								
587	LDAC	\$0.0982	\$0.0982	\$0.0982	\$0.0982	\$0.0982	\$0.0982	\$0.0982
588	LDAC amount	\$2,591.81	\$2,996.44	\$3,366.68	\$3,096.95	\$2,810.63	\$2,258.76	\$17,121.26
589								
590	Total Bill	\$13,507.05	\$15,476.40	\$17,278.33	\$15,965.57	\$14,572.06	\$11,886.10	\$88,685.52

Summer Season (May - Oct.)

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
18,412	20,467	17,338	18,127	19,178	22,948	116,471	290,822
\$892.79 \$0.00 \$2,104.51	\$892.79 \$0.00 \$2,339.43	\$892.79 \$0.00 \$1,981.79	\$892.79 \$0.00 \$2,071.87	\$892.79 \$0.00 \$2,192.08	\$892.79 \$0.00 \$2,622.93	\$5,356.74 \$0.00 \$13,312.62	\$10,713.48 \$0.00 \$52,628.75
\$2,997.30	\$3,232.22	\$2,874.58	\$2,964.66	\$3,084.87	\$3,515.72	\$18,669.36	\$63,342.23
\$1.2048 \$22,182.15	\$1.2048 \$24,658.29	\$1.2048 \$20,888.63	\$1.2048 \$21,838.11	\$1.2048 \$23,105.18	\$1.2048 \$27,646.43	\$1.2048 \$140,318.79	\$0.5750 \$167,210.17
\$0.1049 \$1,931.44	\$0.1049 \$2,147.04	\$0.1049 \$1,818.81	\$0.1049 \$1,901.48	\$0.1049 \$2,011.81	\$0.1049 \$2,407.22	\$0.1049 \$12,217.79	\$0.1009 \$29,339.05
\$27,110.89	\$30,037.56	\$25,582.01	\$26,704.25	\$28,201.85	\$33,569.37	\$171,205.94	\$259,891.46

591 Winter Season (Jan. - Apr., Nov. - Dec.)
 592 Commercial/Industrial - High Annual Use, Load Factor Less Than 90% (G-53)

592	Commercial/Industrial - High Annual Us	e, Load Facto	r Less Than 90	J% (G-53)				
593	CURRENT							
594		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
595	average Usage (Therms)	26,393	30,514	34,284	31,537	28,621	23,002	174,351
596								
597	Winter:							
598	Cust. Chg	\$805.75	\$805.75	\$805.75	\$805.75	\$805.75	\$805.75	\$4,834.52
599	Headblock	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
600	Tailblock	\$4,724.37	\$5,461.94	\$6,136.82	\$5,645.15	\$5,123.25	\$4,117.28	\$31,208.82
601	HB Threshold							
602								
603	Summer:							
604	Cust. Chg							
605	Headblock							
606	Tailblock							
607	HB Threshold							
608								
609	Total Base Rate Amount	\$5,530.13	\$6,267.70	\$6,942.57	\$6,450.90	\$5,929.00	\$4,923.04	\$36,043.34
610								
611	COG Rate - (Winter)	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322
612	COG amount - Winter	\$3,489.1727	\$4,033.9057	\$4,532.3302	\$4,169.2122	\$3,783.7616	\$3,040.8102	\$23,049.19
613								
614	COG Rate - (Summer)							
615	COG amount - Summer							
616								
617	LDAC	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890
618	LDAC amount	\$2,348.99	\$2,715.72	\$3,051.27	\$2,806.81	\$2,547.31	\$2,047.14	\$15,517.23
619								
620	Total Bill	\$11,368.29	\$13,017.32	\$14,526.17	\$13,426.92	\$12,260.08	\$10,010.99	\$74,609.76
621	·	·	·		·	·		·
622	DIFFERENCE:							
	Total Bill	\$2,138.76	\$2,459.08	\$2,752.17	\$2,538.64	\$2,311.99	\$1,875.11	\$14,075.75
	% Change	18.81%	18.89%	18.95%	18.91%	18.86%	18.73%	18.87%
625								
626	Base Rate	\$1.314.32	\$1.505.92	\$1.681.24	\$1.553.51	\$1.417.94	\$1.156.61	\$8.629.54

Summer Season (May - Oct.)

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
18,412	20,467	17,338	18,127	19,178	22,948	116,471	290,822
\$805.75	\$805.75	\$805.75	\$805.75	\$805.75	\$805.75	\$4,834.52	\$9,669.04
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$1,669.98	\$1,856.40	\$1,572.60	\$1,644.08	\$1,739.47	\$2,081.36	\$10,563.91	\$41,772.7
\$2,475.74	\$2,662.15	\$2,378.35	\$2,449.84	\$2,545.23	\$2,887.12	\$15,398.43	\$51,441.7
\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$1.2068	\$0.5626
\$22,219.81	\$24,700.16	\$20,924.09	\$21,875.19	\$23,144.40	\$27,693.37	\$140,557.02	\$163,606.2
\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0957	\$0.0917
\$1,762.04	\$1,958.74	\$1,659.29	\$1,734.72	\$1,835.37	\$2,196.10	\$11,146.26	\$26,663.4
\$26.457.59	\$29.321.05	\$24.961.74	\$26.059.74	\$27.525.00	\$32,776.59	\$167.101.71	\$241.711.4

18.81% 18.95% 18.86% 18.87% 18.89% 18.91% 18.73% 626 Base Rate \$1,314.32 \$1,505.92 \$1,681.24 \$1,553.51 \$1,417.94 \$1,156.61 \$8,629.54 % Change 23.77% 23.49% 24.03% 24.22% 24.08% 23.92% 23.94% COG & LDAC \$824.45 \$953.16 \$1,070.93 \$985.13 \$894.05 \$718.50 \$5,446.22 14.12% 14.12% 14.12% 14.12% % Change 14.12% 14.12% 14.12%

\$653.30	\$716.51	\$620.28	\$644.51	\$676.86	\$792.79	\$4,104.24	\$18,179.99
2.47%	2.44%	2.48%	2.47%	2.46%	2.42%	2.46%	7.52%
\$521.56	\$570.07	\$496.22	\$514.82	\$539.64	\$628.60	\$3,270.93	\$11,900.47
21.07%	21.41%	20.86%	21.01%	21.20%	21.77%	21.24%	23.13%
\$131.73	\$146.44	\$124.05	\$129.69	\$137.21	\$164.18	\$833.31	\$6,279.52
0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	3.30%

631 Winter Season (Jan. - Apr., Nov. - Dec.)
632 Commercial/Industrial - High Annual Use, Load Factor Greater Than 90% (G-54)

633	PROPOSED															
634		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
635	average Usage (Therms)	49,645	38,470	49,085	44,097	46,513	54,074	281,883	48,707	52,212	51,948	60,402	51,600	63,956	328,826	610,709
636																
637	Winter:															
638	Cust. Chg	\$893.53	\$893.53	\$893.53	\$893.53	\$893.53	\$893.53	\$5,361.18								
639	Headblock	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00								
	Tailblock	\$4,299.29	\$3,331.49	\$4,250.74	\$3,818.77	\$4,027.99	\$4,682.83	\$24,411.11								
641	HB Threshold															
642																
643	Summer:															
644	Cust. Chg								\$893.53	\$893.53	\$893.53	\$893.53	\$893.53	\$893.53	\$5,361.18	\$10,722.36
	Headblock								\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Tailblock								\$2,386.63	\$2,558.40	\$2,545.47	\$2,959.72	\$2,528.40	\$3,133.85	\$16,112.48	\$40,523.58
	HB Threshold															
648																
	Total Base Rate Amount	\$5,192.82	\$4,225.02	\$5,144.27	\$4,712.30	\$4,921.52	\$5,576.36	\$29,772.29	\$3,280.16	\$3,451.93	\$3,439.00	\$3,853.25	\$3,421.93	\$4,027.38	\$21,473.66	\$51,245.94
650																
	COG Rate - (Winter)	\$0.1542	\$0.1542	\$0.1542	\$0.1542	\$0.1542	\$0.1542	\$0.1542								
	COG amount - Winter	\$7,657.1612	\$5,933.4879	\$7,570.6844	\$6,801.3318	\$7,173.9626	\$8,340.2590	\$43,476.89								
653																
	COG Rate - (Summer)								\$1.2048	\$1.2048	\$1.2048	\$1.2048	\$1.2048	\$1.2048	\$1.2048	\$0.7199
	COG amount - Summer								\$58,679.76	\$62,903.01	\$62,585.05	\$72,770.02	\$62,165.33	\$77,051.54	\$396,154.70	\$439,631.59
656																
	LDAC	\$0.0982	\$0.0982	\$0.0982	\$0.0982	\$0.0982	\$0.0982	\$0.0982	\$0.1049	\$0.1049	\$0.1049	\$0.1049	\$0.1049	\$0.1049	\$0.1049	\$0.1018
	LDAC amount	\$4,875.18	\$3,777.75	\$4,820.12	\$4,330.29	\$4,567.53	\$5,310.09	\$27,680.95	\$5,109.35	\$5,477.07	\$5,449.38	\$6,336.21	\$5,412.84	\$6,709.01	\$34,493.85	\$62,174.81
659																
660	Total Bill	\$17,725.16	\$13,936.26	\$17,535.07	\$15,843.91	\$16,663.01	\$19,226.71	\$100,930.13	\$67,069.27	\$71,832.01	\$71,473.43	\$82,959.47	\$71,000.10	\$87,787.93	\$452,122.21	\$553,052.34

661 Winter Season (Jan. - Apr., Nov. - Dec.) 662 Commercial/Industrial - High Annual Use, Load Factor Greater Than 90% (G-54)

662	Commercial/Industrial - High Annual Us	se, Load Facto	r Greater Thar	า 90% (G-54)				
663	CURRENT							
664		Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	Winter
665	average Usage (Therms)	49,645	38,470	49,085	44,097	46,513	54,074	281,883
666								
667	Winter:							
668	Cust. Chg	\$806.42	\$806.42	\$806.42	\$806.42	\$806.42	\$806.42	\$4,838.52
669	Headblock	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
670	Tailblock	\$3,385.82	\$2,623.65	\$3,347.58	\$3,007.39	\$3,172.16	\$3,687.87	\$19,224.45
671	HB Threshold							
672								
673	Summer:							
674	Cust. Chg							
675	Headblock							
676	Tailblock							
677	HB Threshold							
678								
679	Total Base Rate Amount	\$4,192.23	\$3,430.07	\$4,154.00	\$3,813.81	\$3,978.58	\$4,494.28	\$24,062.97
680								
681	COG Rate - (Winter)	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322	\$0.1322
682	COG amount - Winter	\$6,563.1204	\$5,085.7223	\$6,488.9993	\$5,829.5703	\$6,148.9603	\$7,148.6185	\$37,264.99
683								
684	COG Rate - (Summer)							
685	COG amount - Summer							
686								
687	LDAC	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890	\$0.0890
688	LDAC amount	\$4,418.44	\$3,423.82	\$4,368.54	\$3,924.60	\$4,139.62	\$4,812.61	\$25,087.63
689								
690	Total Bill	\$15,173.79	\$11,939.61	\$15,011.54	\$13,567.97	\$14,267.15	\$16,455.51	\$86,415.58
691		•						
692	DIFFERENCE:							
		40	** ***	40	** ***	** *** **	40 / 60	*******

Total Bill	\$2.551.36	\$1.996.65	\$2.523.53	\$2.275.94	\$2.395.86	\$2,771.20	\$14.514.54
% Change	16.81%	16.72%	16.81%	16.77%	16.79%	16.84%	16.80%
- 9							
Base Rate	\$1,000.59	\$794.96	\$990.27	\$898.49	\$942.94	\$1,082.08	\$5,709.32
% Change	23.87%	23.18%	23.84%	23.56%	23.70%	24.08%	23.73%
COG & LDAC	\$1,550.78	\$1,201.69	\$1,533.26	\$1,377.45	\$1,452.92	\$1,689.12	\$8,805.22
% Change	14.12%	14.12%	14.12%	14.12%	14.12%	14.12%	14.12%

Summer Season (May - Oct.)

Summer Season (May - Oct.)

May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Summer	Total
48,707	52,212	51,948	60,402	51,600	63,956	328,826	610,709
\$806.42 \$0.00 \$1,880.08	\$806.42 \$0.00 \$2,015.39	\$806.42 \$0.00 \$2,005.21	\$806.42 \$0.00 \$2,331.53	\$806.42 \$0.00 \$1,991.76	\$806.42 \$0.00 \$2,468.71	\$4,838.52 \$0.00 \$12,692.69	\$9,677.03 \$0.00 \$31,917.14
\$2,686.50	\$2,821.81	\$2,811.63	\$3,137.95	\$2,798.18	\$3,275.13	\$17,531.20	\$41,594.17
\$1.2068 \$58,779.39	\$1.2068 \$63,009.80	\$1.2068 \$62,691.30	\$1.2068 \$72,893.56	\$1.2068 \$62,270.87	\$1.2068 \$77,182.35	\$1.2068 \$396,827.27	\$0.7108 \$434,092.26
\$0.0957 \$4,661.24	\$0.0957 \$4,996.72	\$0.0957 \$4,971.46	\$0.0957 \$5,780.51	\$0.0957 \$4,938.12	\$0.0957 \$6,120.61	\$0.0957 \$31,468.65	\$0.0926 \$56,556.28
66,127.13	\$70,828.33	\$70,474.39	\$81,812.02	\$70,007.17	\$86,578.09	\$445,827.13	\$532,242.71

\$942.14	\$1,003.68	\$999.05	\$1,147.45	\$992.93	\$1,209.84	\$6,295.08	\$20,809.63
1.42%	1.42%	1.42%	1.40%	1.42%	1.40%	1.41%	3.91%
\$593.66	\$630.12	\$627.37	\$715.30	\$623.75	\$752.26	\$3,942.46	\$9,651.78
22.10%	22.33%	22.31%	22.79%	22.29%	22.97%	22.49%	23.20%
\$348.48	\$373.56	\$371.67	\$432.16	\$369.18	\$457.58	\$2,352.63	\$11,157.85
0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	0.55%	2.27%

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Revenue Requirement Reconciliation

	Rate	e Design	Revenue Re	quirement		
	(K	(AS-3)	(TJC-CDC-	Diffe	rence	
Item	Schedule	Amount	Schedule	Amount	\$	%
Distribution Revenues From Proposed Rates [1]	RATES-4	\$119,635,219				
LDAC - GAP Revenues	RATES-4	\$1,620,206				
Total Distribution Revenue Requirement		\$121,255,425	RR-EN-2	\$121,252,410	\$3,015	0.002%
Indirect Revenue in COG - EN	RATES-5	\$6,279,787	CDC-1 pg3 ln 57	\$6,279,787		
Indirect Revenue in COG - Keene	n/a	\$464,372	CDC-1 pg3 ln 58	\$464,372		
Total Indirect Revenue in COG		\$6,744,159	RR-EN-2	\$6,744,159	\$0	0.000%
Miscellaneous Revenue	n/a	\$2,679,566	RR-EN-2	\$2,679,566	\$0	0.000%
Total Revenue Requirement		\$130,679,150		\$130,676,134	\$3,016	0.002%

Notes:

[1] R-4 Rate = 55% of R-3. R-7 = 1.3 x R-4 Rate