
Gregg H. Therrien
Assistant Vice President

Gregg Therrien is a former utility Director who has held leadership positions at Connecticut Natural Gas Corporation and affiliated companies for more than 19 years. Most recently, he served as the Director, Gas Construction at Connecticut Natural Gas and The Southern Connecticut Gas Company and Director, Regulatory & Tariffs at UIL Holdings, Inc. Mr. Therrien's experience includes natural gas distribution system operations and construction practices, regulatory strategies, natural gas growth, infrastructure replacement programs, integrated resource planning and technical rate case issues such as utility cost of service, rate design, tariff writing and administration, as well as pricing, gas cost accounting, gross margin, and load forecasting for regulated utilities. Mr. Therrien has an M.B.A. from the University of Connecticut and a B.S. in Finance from Bryant University, and is also a certified Project Management Professional (PMP).

REPRESENTATIVE EXPERIENCE

Representative responsibilities performed for Connecticut gas utilities include:

Regulatory Affairs

- Led the preparation, filing, discovery and implementation of several rate cases
- Designed rates and prepared testimony, and served as the primary rate design witness
- Prepared, testified, and implemented revenue requirement rate mechanisms for new customer growth and pipeline replacement programs
- Prepared gas Integrated Resource Plans
- Prepared assessment of forecast methodology and forecast accuracy of gas demands
- Prepared validation of sales forecast and analysis of declining use per customer
- Proposed, testified, and implemented Connecticut's first gas decoupling mechanism
- Key contributor in settlement negotiations for rate cases and other litigated regulatory matters, including the LDC gas expansion plan
- Prepared testimony and exhibits for bi-annual Purchased Gas Adjustment proceedings
- Prepared testimony and new program tariffs in support of gas unbundling

Business Strategy and Operations

- Led a newly-created gas construction organization, leveraging project management practices to plan and execute a \$100M annual capital budget
- Responsible for RFP development and bid selection of five-year contracts of local, regional and national gas construction and restoration contractors representing approximately 70 work crews
- Developed and implemented a tablet-based QA/QC inspection program
- Developed annual sales and revenue operating budgets
- Developed rate of return new customer acquisition model

- Led several process improvement teams
- Successfully negotiated contracts with large cogeneration users avoiding system bypass and obtaining regulatory approval

Consultancy

- Regulatory risk assessments
- Gas infrastructure replacement program technical and financial analysis and testimony
- Market analysis for international clients
- M&A due diligence (regulatory)
- Electric distribution alternative rate plan analysis
- Economic Development tariff development
- Decoupling testimony assistance for a Western Gas LDC
- Decoupling and Rate Design expert witness testimony for a New England Gas LDC
- Revenue Requirements witness for an electric distribution company
- Regulatory rate strategies for a vertically-integrated electric utility
- Testified on behalf of a New England gas LDC on the subjects of decoupling, capital trackers and rate design
- Developed an Alternative Rate Plan for a New England gas LDC
- Rate comparison study for the Government of Alberta, Canada
- Developed a cost of service-based pricing model for a 10MW fuel cell developer
- Power procurement consultancy for a New England investor-owned water utility

PROFESSIONAL HISTORY

Concentric Energy Advisors, Inc. (2016 – Present)

Assistant Vice President

AVANGRID and affiliated companies (2016)

Connecticut Natural Gas and The Southern Connecticut Gas Company (2014 – 2016)

Director, Gas Construction

UIL Holdings, Inc. (2010-2014)

Director, Regulatory & Tariffs

Iberdrola S.A. / Energy East Corporation / Connecticut Natural Gas and The Southern Connecticut Gas Company (2001-2010)

Director, Regulatory & Pricing / Director, Pricing & Analysis

Connecticut Natural Gas Corporation (1997-2001)

Manager, Pricing

United Technologies, Inc. – Pratt & Whitney Turbo Power & Marine Systems (1996-1997)

Manager, Financial Planning & Analysis

Pratt & Whitney Aircraft

Business Unit Cell Leader, Overhaul & Repair / Manufacturing - turbine airfoils (1994-1996)

Financial Analyst, Commercial Engine Business (1987-1994)

EDUCATION AND CERTIFICATION

Master of Business Administration, University of Connecticut, Concentration in Finance, 1993

B.S., Bryant University (College), Finance, 1987

Certified Project Management Professional (PMP)

LEADERSHIP

Connecticut Economic Resource Center (CERC)

Member, Board of Directors 2008 – 2011, Treasurer, 2011-2016

Connecticut Power and Energy Society (CPES)

Member, Board of Directors 2017-2018

Executive Secretary and Director, 2018 to present

AGA Executive Leadership Development Program - 2012

AFFILIATIONS

American Gas Association

State Affairs Committee, 2001 - present

Northeast Gas Association

Project Management Institute

SPONSOR/APPLICANT	DATE	DOCKET NO.	SUBJECT
Connecticut Public Utilities Regulatory Authority			
Yankee Gas Services (Eversource Energy)	2018	Docket No. 18-05-10	Distribution Rate Case Rate design, decoupling, and capital trackers
Connecticut Natural Gas Corporation & Southern Connecticut Gas Company	2016	Docket No. 16-04-10	State of Connecticut LDC Gas Expansion Plan: System Expansion Reconciliation - Capital Expenditures, System Improvement/Reinforcement Projects
Connecticut Natural Gas Corporation & Southern Connecticut Gas Company	2014	Docket No. 13-06-02RE01	State of Connecticut LDC Gas Expansion Plan - Settlement Agreement
Connecticut Natural Gas Corporation & Southern Connecticut Gas Company	2013	Docket No. 13-06-02	State of Connecticut LDC Gas Expansion Plan - Rates, Hurdle Rate analysis, Demand forecast, Rate Mechanism
Connecticut Natural Gas Corporation	2013	Docket No. 13-06-08	Distribution Rate Case - Revenue Requirements, Cost of Service, Rate Design, Demand Forecast, and Forecasted Revenues; Decoupling, DIMP and System Expansion Reconciliation Rate Mechanisms, Tariffs
The Southern Connecticut Gas Company	2013	Docket No. 99-10-25RE01	Firm Transportation Service Agreement and Gas Exchange Agreement - Review of Revenue Requirement Allocation
Connecticut Natural Gas Corporation & Southern Connecticut Gas Company	2011	Docket No. 08-12-06RE02, 08-12-07RE02	Settlement Agreement RE: Resolve Stayed Decisions and Orders from Appealed CNG and SCG Rate Cases, and resolve SCG overearnings
The Southern Connecticut Gas Company	2011	Docket No. 10-12-17	Just and Reasonable Rates – Potential Overearnings Investigation
Illinois Commerce Commission			

SPONSOR/APPLICANT	DATE	DOCKET NO.	SUBJECT
The Peoples Gas Light & Coke Company	2017	Docket No. 16-0376	Gas Distribution Aging Infrastructure Peer Utility Benchmark Study, Affordability
Maine Public Utilities Commission			
Emera, Maine	2017	Docket No. 2017-00198	Electric Distribution Revenue Requirements
New Hampshire Public Utilities Commission			
Liberty Utilities – New Hampshire d/b/a/ EnergyNorth Natural Gas	2017	DG 17-048	Revenue Decoupling Rate Design

Liberty Utilities (Granite State Electric) Corp.
d/b/a Liberty Utilities

Ln.		Domestic	Domestic - Opt. Peak	General TOU	General Long Hour	General Service	Limited All Electric	Ltd Comm Space Heating
	Year	DOD2	D10	G01	G02	G03	T00	V00
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15								
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17	Monthly Charges							
18	Customer Charge (Fixed)	\$ 14.54	\$ 14.54	\$ 378.73	\$ 63.15	\$ 14.54	\$ 14.54	\$ 14.54
19	Distribution Charge (\$/kWh)	\$ 0.04061			\$ 0.00200	\$ 0.04603	\$ 0.04004	\$ 0.04732
20	Dist. Charge (\$/kWh >250)	\$ 0.05273						
21	Demand Charge per kW			\$ 8.07	\$ 8.12			
22	On Peak per kWh		\$ 0.10422	\$ 0.00516				
23	Off Peak per kWh		\$ 0.00141	\$ 0.00152				
24	Blended Peak Rate per kWh		\$ 0.03568	\$ 0.00273				
25								

Liberty Utilities (Granite State Electric) Corp.
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26		2013 TARGET	DOD2	D10	G01	G02	G03	T00	V00
27	Customer Charge (Annual \$)	2013 \$	6,094,296	\$ 77,135	\$ 596,500	\$ 656,381	\$ 978,484	\$ 198,864	\$ 3,315
28	Distribution Charge (Annual \$)	2013 \$	4,255,319			\$ 309,743	\$ 4,171,659	\$ 753,348	\$ 14,440
29	Distribution Charge (Annual \$)	2013 \$	9,241,343	\$ 203,449	\$ 1,033,029				
30	Demand Charge per kW				\$ 348,168	\$ 143,557			
31	2013 Target	\$	19,590,957	\$ 280,584	\$ 1,977,697	\$ 1,109,681	\$ 5,150,143	\$ 952,211	\$ 17,755
32	2013 Target RPC	\$	561	\$ 635	\$ 15,068	\$ 1,281	\$ 918	\$ 835	\$ 934
33									
34		2014	DOD2	D10	G01	G02	G03	T00	V00
35	Customer Charge (Annual \$)	2014 \$	6,053,636	\$ 77,600	\$ 619,299	\$ 661,736	\$ 958,430	\$ 192,542	\$ 3,144
36	Distribution Charge (Annual \$)	2014 \$	4,226,928			\$ 308,572	\$ 4,178,189	\$ 757,684	\$ 15,615
37	Distribution Charge (Annual \$)	2014 \$	9,233,606	\$ 212,844	\$ 1,013,028				
38	Demand Charge per kW				\$ 341,427	\$ 143,014			
39	2014 Target	\$	19,514,170	\$ 290,444	\$ 1,973,754	\$ 1,113,322	\$ 5,136,620	\$ 950,226	\$ 18,759
40	2014 RPC	\$	562	\$ 653	\$ 14,484	\$ 1,275	\$ 935	\$ 861	\$ 1,041
41		2015	DOD2	D10	G01	G02	G03	T00	V00
42	Customer Charge (Annual \$)	2015 \$	5,902,306	\$ 75,744	\$ 610,714	\$ 654,603	\$ 912,333	\$ 183,147	\$ 2,748
43	Distribution Charge (Annual \$)	2015 \$	4,226,928			\$ 308,007	\$ 4,100,880	\$ 671,556	\$ 15,366
44	Distribution Charge (Annual \$)	2015 \$	8,855,401	\$ 194,092	\$ 1,027,986				
45	Demand Charge per kW				\$ 346,469	\$ 142,752			
46	2015 Target	\$	18,984,636	\$ 269,836	\$ 1,985,169	\$ 1,105,362	\$ 5,013,213	\$ 854,703	\$ 18,114
47	2015 RPC	\$	561	\$ 622	\$ 14,773	\$ 1,280	\$ 959	\$ 814	\$ 1,150
48		2016	DOD2	D10	G01	G02	G03	T00	V00
49	Customer Charge (Annual \$)	2016 \$	5,976,638	\$ 76,799	\$ 624,863	\$ 671,316	\$ 923,891	\$ 170,986	\$ 2,648
50	Distribution Charge (Annual \$)	2016 \$	4,173,165			\$ 304,337	\$ 4,061,136	\$ 615,933	\$ 14,808
51	Distribution Charge (Annual \$)	2016 \$	8,642,839	\$ 190,386	\$ 1,023,980				
52	Demand Charge per kW				\$ 345,119	\$ 141,051			
53	2016 Target	\$	18,792,642	\$ 267,185	\$ 1,993,962	\$ 1,116,704	\$ 4,985,027	\$ 786,919	\$ 17,455
54	2016 RPC	\$	549	\$ 607	\$ 14,503	\$ 1,261	\$ 941	\$ 803	\$ 1,150
55		2017	DOD2	D10	G01	G02	G03	T00	V00
56	Customer Charge (Annual \$)	2017 \$	5,999,829	\$ 76,804	\$ 628,050	\$ 677,055	\$ 927,388	\$ 168,391	\$ 2,649
57	Distribution Charge (Annual \$)	2017 \$	4,189,358			\$ 293,390	\$ 4,003,308	\$ 607,335	\$ 15,589
58	Distribution Charge (Annual \$)	2017 \$	8,613,450	\$ 192,426	\$ 1,011,566				
59	Demand Charge per kW				\$ 340,935	\$ 135,978			
60	2017 Target	\$	18,802,637	\$ 269,230	\$ 1,980,551	\$ 1,106,423	\$ 4,930,696	\$ 775,726	\$ 18,238
61	2017 RPC	\$	547	\$ 612	\$ 14,332	\$ 1,238	\$ 928	\$ 804	\$ 1,201
62		2018	DOD2	D10	G01	G02	G03	T00	V00
63	Customer Charge (Annual \$)	2018 \$	6,015,314	\$ 76,611	\$ 632,479	\$ 680,378	\$ 930,982	\$ 166,309	\$ 2,646
64	Distribution Charge (Annual \$)	2018 \$	4,200,170			\$ 295,222	\$ 4,044,430	\$ 607,248	\$ 15,385
65	Distribution Charge (Annual \$)	2018 \$	9,169,360	\$ 198,573	\$ 1,038,762				
66	Demand Charge per kW				\$ 350,101	\$ 136,827			
67	2018 Target	\$	19,384,845	\$ 275,184	\$ 2,021,342	\$ 1,112,427	\$ 4,975,411	\$ 773,557	\$ 18,031
68	2018 RPC	\$	562	\$ 627	\$ 14,525	\$ 1,239	\$ 932	\$ 812	\$ 1,189
69									

Liberty Utilities (Granite State Electric) Corp.
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<u>Ln.</u>		DOD2	D10	G01	G02	G03	T00	V00	
1	Size of Adjustment Per Customer in 2015	\$ 1.55	\$ 18.36	\$ (583.67)	\$ (6.20)	\$ 16.75	\$ 25.63	\$ 106.68	= (2014 RPC - 2013 RPC)
2	Size of Adjustment Per Customer in 2016	\$ 0.32	\$ (13.11)	\$ (295.10)	\$ (1.52)	\$ 40.40	\$ (21.20)	\$ 215.54	= (2015 RPC - 2013 RPC)
3	Size of Adjustment Per Customer in 2017	\$ (12.26)	\$ (27.67)	\$ (565.66)	\$ (20.57)	\$ 23.08	\$ (32.46)	\$ 215.79	= (2016 RPC - 2013 RPC)
4	Size of Adjustment Per Customer in 2018	\$ (14.09)	\$ (23.06)	\$ (736.31)	\$ (42.77)	\$ 9.31	\$ (31.68)	\$ 266.93	= (2017 RPC - 2013 RPC)
5	Size of Adjustment Per Customer in 2019	\$ 1.39	\$ (7.96)	\$ (543.55)	\$ (42.13)	\$ 14.11	\$ (23.89)	\$ 254.35	= (2018 RPC - 2013 RPC)
6									
7		Billing Year	DOD2	D10	G01	G02	G03	T00	V00
8	2015	\$ 53,919	\$ 8,168	\$ (79,535)	\$ (5,413)	\$ 92,027	\$ 28,286	\$ 1,922	= Adjustment per Customer * 2014 Customers
9	2016	\$ 10,855	\$ (5,690)	\$ (39,654)	\$ (1,313)	\$ 211,250	\$ (22,254)	\$ 3,395	= Adjustment per Customer * 2015 Customers
10	2017	\$ (420,090)	\$ (12,178)	\$ (77,773)	\$ (18,227)	\$ 122,229	\$ (31,807)	\$ 3,275	= Adjustment per Customer * 2016 Customers
11	2018	\$ (484,645)	\$ (10,152)	\$ (101,752)	\$ (38,209)	\$ 49,493	\$ (30,574)	\$ 4,052	= Adjustment per Customer * 2017 Customers
12	2019	\$ 47,784	\$ (3,495)	\$ (75,644)	\$ (37,824)	\$ 75,291	\$ (22,772)	\$ 3,858	= Adjustment per Customer * 2018 Customers
13									
		Total							
		Company							
14	Billing Year	Adjustment							
15	2015	\$ 99,374							= sum(Ln 8)
16	2016	\$ 156,589							= sum(Ln 9)
17	2017	\$ (434,571)							= sum(Ln 10)
18	2018	\$ (611,788)							= sum(Ln 11)
19	2019	\$ (12,803)							= sum(Ln 12)
20									
		per kWh							
21	Billing Year	Adjustment							
22	2015	\$ 0.0001080							= (L15) / 2014 Sales
23	2016	\$ 0.0001719							= (Ln16) / 2015 Sales
24	2017	\$ (0.0004814)							= (Ln17) / 2016 Sales
25	2018	\$ (0.0006865)							= (Ln18) / 2017 Sales
26	2019	\$ (0.0000140)							= (Ln19) / 2018 Sales