

DR. RICHARD H. SILKMAN
Curriculum Vitae

PERSONAL:

Born: May 21, 1951; married, three children

EDUCATION:

Purdue University, B.S. (w/ Distinction), Economics, 1972

Yale University, M.A. Economics, 1975

Yale University, Ph.D. Economics, 1980

PROFESSIONAL EXPERIENCE:

Partner - CEO	Competitive Energy Services, LLC 148 Middle Street Portland, Maine 04101	2000 - Present
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Competitive Energy Services, LLC (CES) is the largest energy aggregation company in Maine and one of the largest in the northeast. Through broker agreements with more than a dozen of the largest retail energy suppliers in the country, CES is currently providing energy brokerage services to over 500 commercial and industrial accounts across the country and in Canada, with a total annual energy spend of close to \$2 billion.

Partner	Kennebec Valley Gas Company, LLC 148 Middle Street Portland, Maine 04101	2010 - 2018
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Dr. Silkman was a partner in Kennebec Valley Gas Company, LLC, a Maine-based company established to develop a 60 mile (intrastate) high pressure natural gas pipeline and local distribution facilities to serve customers in the Kennebec River Valley in central Maine, including the Towns of Gardiner, Farmingdale, Hallowell, Augusta, Waterville, Fairfield, Oakland, Skowhegan, Norridgewock and Madison. Kennebec Valley Gas Company received a conditional approval for a Certificate of Public Convenience and Necessity to become a natural gas public utility for this purpose. Kennebec Valley Gas Company sold its rights to develop the natural gas public utility to Summit Natural Gas of Maine, which developed the system and currently serves just under 4,000 customers within the original service territory.

Partner	GridSolar, LLC 148 Middle Street Portland, Maine 04101 Phone (207) 772-6190 Fax (207) 772-6320	2008 - Present
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Dr. Silkman is a partner in GridSolar, LLC, a Maine-based company established to pursue Non-Transmission Alternatives to major transmission upgrades in response to grid reliability concerns.

GridSolar developed the Boothbay Pilot Project, a Non-Wires Alternative to a transmission line upgrade proposed by the local utility, saving ratepayers over \$12 million.

Partner	Beaver Ridge Wind, LLC 148 Middle Street Portland, Maine 04101	2005 - Present
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Dr. Silkman is a partner in MIRSAP1, which is a member in Beaver Ridge Wind, LLC, the developer, owner and operator of a 4.5 MW wind generation project located in Freedom, Maine. This project began commercial operations on November 1, 2008. It was the second commercial grade wind generation project developed in the Maine and remains the only such project in the CMP service territory. Total project costs were in excess of \$12 million.

Owner	Richard Silkman Associates 76 Main Street Yarmouth, Maine 04096	1992 – 2000
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Richard Silkman Associates is a consulting firm established by Richard Silkman in 1992, specializing in economic regulation, energy and telecommunications and in economic impact analyses. Dr. Silkman is a nationally recognized expert in the regulation of public utilities and energy policy. He has appeared as an expert witness before public utility commissions and a number of legislative bodies. Silkman Associates currently provides energy consulting services to a variety of large energy users on matters related to electric utility deregulation and is actively involved in the negotiation of special tariffs and contracts at the wholesale and retail levels for electricity and natural gas for a wide range of industrial and commercial clients throughout the Northeast and Mid-Atlantic states. Silkman Associates has also provided consulting services to private companies and public authorities and agencies to perform economic impact analyses of products, investment activities and various public policies.

Director	Maine State Planning Office	1987 – 1992
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Dr. Silkman was appointed by Governor John R. McKernan, Jr. to direct the Maine State Planning Office, a cabinet-level office with a staff of approximately forty (40). In this capacity, Dr. Silkman served as the chief policy advisor to the Governor on matters related to economic policy, energy, hydropower and river management policy, telecommunications regulation, state tax policy, health care regulation and cost-containment and land-use and natural resources policy. During his tenure as Director, Silkman chaired a number of commissions and task forces including the Land for Maine's Future Board, the Land and Water Resources Council, the Gulf of Maine Council on the Marine Environment and the Governor's Tax Policy Committee, and was a member of the Board of Directors of the Maine Development Foundation, Maine Science and Technology Commission and Maine World Trade Association.

Dr. Silkman also was very much involved in national organizations during his term in state government. He served on the Board of Directors and as President of the Council of Governors' Policy Advisors (CGPA), an affiliate of the National Governors Association. CGPA is a professional association of senior policy advisors to the nation's governors, with approximately 200 members from the 50 states and territories. In addition, Dr. Silkman chaired or co-chaired

staff advisory committees of the National Governors' Association in Telecommunications, Health Care and Human Resources.

University Appointments

1978 - 1987

Dr. Silkman was on the faculty of the State University of New York at Stony Brook and subsequently of the University of Southern Maine, where he served as Acting Director of the Public Policy and Management Program. During his tenure at both institutions, Dr. Silkman taught courses in applied economics, statistics, economic regulation and policy analysis, and served as a consultant to a number of private companies and public sector agencies.

SELECTED PROJECTS AND CONSULTING ENGAGEMENTS OF DR. SILKMAN:

Dr. Silkman authored, **Rethinking Electric Grid Design to Meet Beneficial Electrification and Enhanced Distributed Generation: A Portland Area Case Study**, GridSolar, May 2020. An electronic copy is available at <https://www.competitive-energy.com/rethinking-electrical-grid-design>

Dr. Silkman authored, **A New Energy Policy Direction for Maine: A Pathway to a Zero-Carbon Economy by 2050**, November 2019. An electronic copy is available at <https://www.competitive-energy.com/zero-carbon-maine>

Dr. Silkman was retained by Smurfit-Stone to manage the sale of its Bathurst, New Brunswick mill facilities, including a 10.8 MW hydroelectric generating plant interconnected to the New Brunswick transmission grid through the Bathurst Mill.

Dr. Silkman was retained by NewPage Corporation to manage the sale of its 40 MW hydroelectric generating station in Rumford, Maine.

Dr. Silkman was retained by the Town of Wiscasset in Maine to assist the Town in developing estimates of the economic value of the former Maine Yankee nuclear plant site as an interim storage facility for spent nuclear fuel. This work is being done in the context of developing a value of the property for property taxation purposes.

Dr. Silkman was retained by the Town of Rockingham in Vermont to assist the Town in its efforts to become a municipal electric utility and to acquire the Bellows Falls Hydro Electric generation station (approximately 48 MW) located within the Town. As a part of this effort, Dr. Silkman served as the lead witness for the Town of Rockingham in litigation with the owner of the Bellows Falls Hydro plant over the assessed valuation of that plant and in the bankruptcy proceeding involving U.S. Generation – New England in the Baltimore circuit.

Dr. Silkman provided testimony before the Vermont Public Service Board on behalf of the AARP on matters related to the treatment of stranded cost and the reasonableness of rates for Green Mountain Power.

Dr. Silkman served as an economic consultant to TransEnergie U.S. on a project to examine the technical and economic feasibility of constructing a transmission line to interconnect northern Maine (Maine Public Service Company) directly to the New England transmission grid. This

project is being supported through funds appropriated by Maine Legislature this specifically for this purpose.

Dr. Silkman was retained during 1999 and 2000 by the New Hampshire Legislature to provide expert consulting services and advice regarding the proposed Settlement Agreement between PSNH and the Governor's Office.

Dr. Silkman has provided testimony before that Pennsylvania Public Utilities Commission on behalf of a coalition of State Senators in Pennsylvania related to a general proceeding involving interconnection and competitive issues in telecommunications and the proposed merger of Bell Atlantic and GTE. This is an ongoing project, which is currently focused on the manner with which Bell Atlantic will implement a PUC ordered structural separation of its retail and wholesale functions in the local exchange market.

Dr. Silkman provided testimony to the California Public Utilities Commission on behalf of the California Office of Ratepayer Advocacy (through a subcontract with Economics and Technology, Inc.) in the 1998 PG&E rate case. This testimony utilized a mathematical technique called Date Envelopment Analysis (DEA) to evaluate the efficiency with which electric transmission and distribution utilities provide electric service to their customers.

Dr. Silkman was retained by Cablevision Systems to assist it in its efforts and cases filed at the Massachusetts Department of Telecommunications and Energy to ensure that electricity restructuring in Massachusetts results in competitive markets and fair and commercially reasonable relationships between regulated utilities and unregulated subsidiaries and affiliates.

Dr. Silkman was retained by Champion International (now International Paper) to provide economic consulting services related to the development of a 175 MW "within the fence" natural gas-fired cogeneration project at its Bucksport, Maine mill. In this capacity, Dr. Silkman negotiated a 15-year Purchased Power Agreement with H.Q. (U.S.) and a complementary natural gas supply agreement involving the Maritimes & Northeast Pipeline from Sable Island, Canada. In addition, Dr. Silkman worked closely with Champion during dispute resolution with NEPOOL regarding the development of an interconnection protocol and agreement for this facility, filed testimony at FERC in support of Champion's efforts to obtain NEPOOL Section 18.4 approval for interconnection, and continues to advise Champion in its through its efforts to secure a final interconnection agreement with CMP and NEPOOL.

Dr. Silkman was retained by a consortium of consumer groups to provide expert advice and testimony regarding PECO Energy's efforts to secure Pennsylvania Public Utilities Commission approval to securitize \$3.6 billion of stranded costs and of its comprehensive restructuring plan. In this capacity, Dr. Silkman led the negotiating team that developed a settlement proposal of most of the major issues associated with restructuring. This settlement, which has subsequently been rejected by the Pennsylvania Public Utilities Commission, included a write-off of \$2 billion of stranded costs by PECO and guaranteed rate reductions of 10% for ratepayers.

EBEN PERKINS

Curriculum Vitae

PERSONAL:

Born: June 27, 1989

EDUCATION:

Pomona College, Environmental Analysis, 2011

PROFESSIONAL EXPERIENCE:

Vice President Competitive Energy Services, LLC 2016 - Present
148 Middle Street
Portland, Maine 04101

Competitive Energy Services, LLC (CES) is the largest energy brokerage and consulting company in Maine and one of the largest in the Northeast U.S. CES provides energy advisory services to over 500 commercial and industrial clients across the U.S. and Canada with total annual energy spend of close to \$2 billion. Mr. Perkins manages CES' consulting practice, helping customers complete targeted electricity, natural gas, and fuel market assessments, evaluate state and federal energy legislation, assess on-site and off-site energy project opportunities, and develop long-term strategic plans for energy infrastructure investment.

Manager Iberdrola USA 2014 - 2016
Farm View Drive
New Gloucester, Maine 04260

Mr. Perkins served as Manager of Smart Grid Planning and Programs for Iberdrola USA from 2014 to 2016. In this role Mr. Perkins worked with team members at Central Maine Power Company (CMP), New York State Electric & Gas Company (NYSEG), and Rochester Gas & Electric Company (RGE) to develop and implement initiatives to leverage high-speed telecommunications, smart metering, and information technology solutions to improve the utilities' grid planning and operations. In 2015, Iberdrola USA finalized its acquisition of UIL Holdings to create a new company, Avangrid. Prior to the acquisition, Iberdrola USA served nearly 2.5 million gas and electric customers in Maine and New York.

Consultant Tilson 2012 - 2014
16 Middle Street
Portland, Maine 04101

Tilson is a multi-specialty telecommunications services firm on a mission to design and build America's 21st century telecommunications infrastructure. Recognized eleven years on the Inc. 5000, Tilson builds high-performing teams that take on the largest and most impactful projects for our clients across the country. While at Tilson, Mr. Perkins advised electric utilities and government clients on telecommunications and networking solutions to support smart grid and broadband infrastructure deployment as a member of Tilson, based in Portland, Maine

Analyst EMI Consulting
807 East Roy Street
Seattle, Washington 98102

2011 - 2012

EMI provides strategic consulting and analysis to energy utilities across the U.S. focused on delivering advanced energy services for energy efficiency, demand response, and distributed energy resources. With a team of over 30 economists, statisticians and research methodologists, EMI Consulting provides expertise in energy program evaluation, measurement, and verification; market research; and strategic consulting to help advance the clean energy transition. EMI was acquired by TRC Companies in 2021.

SELECTED PROJECTS AND CONSULTING ENGAGEMENTS OF MR. PERKINS:

Mr. Perkins has helped commercial and industrial clients in Massachusetts serve as demonstration sites and early adopters of battery storage solutions under the Commonwealth's Advancing Commonwealth Energy Storage ("ACES") Program. CES provided competitive solicitation, contract negotiation, and operations advisory support to help clients develop more than 20 MWh of behind-the-meter battery systems currently operating across New England.

Mr. Perkins has helped more than 10 colleges and universities in New England develop energy master plans focused on decarbonizing campus operations. These long-term strategic plans focus on how a campus can transition existing district energy systems from steam infrastructure to new large-scale geo exchange systems that utilize low-temperature hot water and chilled water distribution for heating and cooling respectively. These new district energy systems enable substantial energy efficiency gains due to the characteristics of low-temperature hot water versus steam, and provide a platform for integrating electrified heating sources, such as geothermal and air-source heat pumps, that can take advantage of the Northeast's greening power grid.

Mr. Perkins has helped the University of Massachusetts advance its energy cost management and sustainability goals through the large-scale deployment of behind-the-meter generation and battery storage at its flagship campus in Amherst, MA. CES has developed and administered three rounds of competitive solicitations for rooftop solar, solar parking canopies, and battery storage installations on campus. Through these efforts UMass Amherst now hosts the largest behind-the-meter solar system in the Commonwealth. In 2016, UMass Amherst installed over 4 MW of rooftop and parking canopy solar generation systems across more than 10 campus facilities and parking lots. In 2019, UMass Amherst installed a 1.32 MW battery storage system as part of the ACES Program. In 2022, UMass Amherst installed another 3 MW of solar parking canopies and a co-located 2 MW battery storage system.

While at Iberdrola USA, Mr. Perkins coordinated Central Maine Power Company's operations activities and distributed energy resource dispatching associated with GridSolar's Boothbay Non-Transmission Alternative Pilot Project. Mr. Perkins oversaw operational interfacing with GridSolar and performance evaluation of load curtailment events across battery storage, behind-the-meter solar, and energy efficiency resources. In New York, Mr. Perkins supervised a distributed generation interconnection pilot project at NYSEG and RGE as part of New York's Reforming the Energy Vision initiative. The pilot project aimed to transfer active network management technology from Iberdrola's European network footprint to upstate New York. The project aimed to enable higher penetrations of distributed solar generation on each company's rural, lightly loaded distribution network in upstate New York.

WESTERN MASSACHUSETTS
EXTRA LARGE GENERAL SERVICE

RATE T-5

APPLICABILITY

This rate is applicable only to the entire use of electricity at a single location in the Western Massachusetts territory. All electricity shall be measured through a single time-of-use meter installed by the Company, except that, where the Company deems it impractical to deliver electricity through one service, or where more than one meter has been installed, then the measurement of electricity may be by two or more meters. All electricity supplied shall be for the exclusive use of the customer and shall not be resold. With the approval of the Company, the customer may furnish electricity to persons or concerns who occupy space in the building to which service is supplied hereunder, but on the express condition that the customer shall not resell, make a specific charge for, or re-meter (or sub-meter) or measure or control the use of, any of the electricity so furnished.

Customers whose maximum demand equaled or exceeded 2,500 kW at any time in the most recent 12 months and new customers whose demand is reasonably anticipated to equal or exceed 2,500 kW within one year must take service under this rate.

RATE PER MONTH

ON-PEAK: Weekdays from 12 Noon to 8 p.m., EST

OFF-PEAK: All other hours

Delivery Services:

Customer Charge:	As per M.D.P.U. No. 1 as in effect from time to time.
Distribution:	As per M.D.P.U. No. 1 as in effect from time to time.
Transition:	As per M.D.P.U. No. 1 as in effect from time to time.
Transmission:	As per M.D.P.U. No. 1 as in effect from time to time.

Supplier Services: (Optional)

Basic Service:	As in effect per Tariff
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Issued by: Craig A. Hallstrom
President

Filed: December 22, 2022
Effective: January 1, 2023

WESTERN MASSACHUSETTS
EXTRA LARGE GENERAL SERVICE

RATE T-5

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following provisions:

Revenue Decoupling Adjustment Mechanism	Pension Adjustment Mechanism
Residential Assistance Adjustment Clause	Net Metering Recovery Surcharge
Attorney General Consultant Expense	Long Term Renewable Contract Adjustment
Storm Reserve Adjustment Mechanism	Storm Cost Recovery Adjustment
Basic Service Cost Adjustment	Solar Program Cost Adjustment
Transmission Service Cost Adjustment	Transition Cost Adjustment
Renewable Energy Charge	Energy Efficiency Charge
Performance Based Revenue Adjustment	Solar Expansion Cost Recovery Mechanism
Vegetation Management	Miscellaneous Charges
Solar Massachusetts Renewable Target	2017 Tax Act Credit
Grid Modernization Factor	Advanced Metering Infrastructure

MISCELLANEOUS CREDITS

Transformer Ownership Credit: If the service transformers and associated equipment, except metering, are furnished by the customer, a credit shall be applied to the bill equal to \$1.09 per kW

Metering Credit: The Company may meter the electricity delivered to the customer on the higher voltage side of the service transformers, in which case the number of kWh so registered shall be reduced by two (2) percent.

TRANSMISSION BILLING ADJUSTMENT

Pursuant to D.P.U. 12-97, Rate T-5 customers will be billed on the customer's demand at the time of the ISO New England regional network monthly transmission system peak (the Coincident Peak Demand) for the legacy Northeast Utilities system. The Coincident Peak Demand will be billed on a one-month lag. Customers will receive a credit for the amount billed on the Transmission On-Peak Demand Charge from the prior month.

Issued by: Craig A. Hallstrom
President

Filed: December 22, 2022
Effective: January 1, 2023

WESTERN MASSACHUSETTS
EXTRA LARGE GENERAL SERVICE

RATE T-5

ADJUSTMENT FOR SERVICE AT TRANSMISSION VOLTAGE:

If a Customer is provided service at 69 kV or higher, and furnishes, owns and maintains all service transformers and associated equipment except metering, which shall measure transmission voltage, the Customer will not be billed the distribution demand and energy charge effective under this tariff.

DETERMINATION OF BILLING DEMAND:

Measurement of demand will be on the basis of the Company's available metering determined to the nearest one-half kW.

The On-Peak Demand shall be determined by meter, monthly, and shall be the highest 30-minute kilowatt registration during the month in the On-Peak hours

The Coincident Peak Demand shall be determined by meter, each calendar month on a one-month lag basis and shall be the customer's coincident 60-minute kilowatt demand.

POWER FACTOR CORRECTION

If a customer is found to have a power factor of less than 90% lagging, the Company may require correction to at least 90% lagging as a condition of service. If the customer does not correct the power factor to at least 90% lagging and the Company corrects the condition, the customer will reimburse the Company for all costs which it incurs.

MINIMUM MONTHLY CHARGE

The minimum charge is the customer charge.

TERMS

The Company's Terms and Conditions in effect from time to time, where not inconsistent with any specific provisions hereof, are a part of this rate schedule.

Issued by: Craig A. Hallstrom
President

Filed: December 22, 2022
Effective: January 1, 2023

WESTERN MASSACHUSETTS
EXTRA LARGE GENERAL SERVICE

RATE T-5

TERM OF CONTRACT

Customers served under this rate must provide the Company with six months prior written notice before installing, or allowing to be installed for its use, a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of March 1, 1998. Also, customers receiving service under this or superseding rate schedule may not change to another rate schedule within the first 12 months of the service.

Issued by: Craig A. Hallstrom
President

Filed: December 22, 2022
Effective: January 1, 2023

**EASTERN MASSACHUSETTS
GREATER BOSTON SERVICE AREA
LARGE GENERAL SERVICE**

RATE G-3

AVAILABILITY

Service under this rate is available for all use at a single location in the Greater Boston service area on contiguous private property if service is supplied to the Customer and metered at 14,000 volts nominal or greater and if the Customer furnishes, installs, owns and maintains at his expense all protective devices, transformers and other equipment required by the Company. Service under this rate is subject to both the Company's printed requirements and the Company's Terms and Conditions - Distribution Service, each as in effect from time to time.

CHARACTER OF SERVICE

The Company delivers 60 hertz, three-phase alternating current service at primary voltage under this rate schedule. As available and at the Company's option, such service shall be supplied at approximately 14,000 volts or greater.

RATE PER MONTH

Delivery Services:

Customer Charge:	As per M.D.P.U. No. 1 as in effect from time to time.
Distribution:	As per M.D.P.U. No. 1 as in effect from time to time.
Transition:	As per M.D.P.U. No. 1 as in effect from time to time.
Transmission:	As per M.D.P.U. No. 1 as in effect from time to time.

Supplier Services: (Optional)

Basic Service:	As in effect per Tariff
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Minimum Charge:

The minimum charge per month shall be the Customer Charge.

**EASTERN MASSACHUSETTS
GREATER BOSTON SERVICE AREA
LARGE GENERAL SERVICE**

RATE G-3

RATE ADJUSTMENTS

The charges for delivery service shall be subject to the following provisions:

Revenue Decoupling Adjustment Mechanism	Pension Adjustment Mechanism
Residential Assistance Adjustment Clause	Net Metering Recovery Surcharge
Attorney General Consultant Expense	Long Term Renewable Contract Adjustment
Storm Reserve Adjustment Mechanism	Storm Cost Recovery Adjustment
Basic Service Cost Adjustment	Solar Program Cost Adjustment
Transmission Service Cost Adjustment	Transition Cost Adjustment
Renewable Energy Charge	Energy Efficiency Charge
Performance Based Revenue Adjustment	Solar Expansion Cost Recovery Mechanism
Vegetation Management	Miscellaneous Charges
Solar Massachusetts Renewable Target	2017 Tax Act Credit
Grid Modernization Factor	Advanced Metering Infrastructure

TRANSMISSION BILLING ADJUSTMENT

Customers taking service under this schedule may elect to be billed on the customer's demand at the time of the ISO New England regional network monthly transmission system peak (the Coincident Peak Demand) for the legacy NSTAR Electric system. The Coincident Peak Demand will be billed on a one-month lag. Customers will receive a credit for the amount billed on the non-coincident transmission demand charge from the prior month. Election of this option is subject to a bill preparation fee of \$500 per bill and customers must remain on the elected option for a minimum of 12 consecutive months. The bill preparation fee will remain effective until such time that the Company is able to configure its meter data management system to search and retrieve demand for a specific hour of the month and bill that demand on an automated basis. System automation is targeted for the end of 2024. The Company will file an updated rate schedule with the Massachusetts Department of Public Utilities to remove the fee upon achievement of full automation.

ADJUSTMENT FOR SERVICE AT TRANSMISSION VOLTAGE

If a Customer is provided service at 69 kV or higher, and furnishes, owns and maintains all service transformers and associated equipment except metering, which shall measure transmission voltage, the Customer will not be billed the distribution demand and energy charge effective under this tariff.

**EASTERN MASSACHUSETTS
GREATER BOSTON SERVICE AREA
LARGE GENERAL SERVICE**

RATE G-3

DETERMINATION OF BILLING DEMAND

The billing demand will be the maximum fifteen-minute demand (either kilowatts or 90 percent of the kilovolt-amperes) as determined by meter during the monthly billing period, except any demand recorded during off-peak hours will be reduced by 70 percent. Demands established prior to the application of this rate shall be considered as having been established under this rate.

The Coincident Peak Demand shall be determined by meter, each calendar month on a one-month lag basis and shall be the customer's coincident 60-minute kilowatt demand.

BILLING

In determining if a demand charge reduction is applicable, the following defines the peak and off-peak periods:

- (1) During the months of June through September, the peak period shall be the hours between 9 A.M. and 6 P.M. weekdays. During the months of October through May, the peak period shall be the hours between 8 A.M. and 9 P.M. weekdays.
- (2) All other hours shall be off-peak including twelve Massachusetts holidays as follows:

New Year's Day	Labor Day
Martin L. King Day	Columbus Day
President's Day	Veteran's Day
Patriot's Day	Thanksgiving Day
Memorial Day	Day after Thanksgiving
Independence Day	Christmas Day

FARM DISCOUNT RIDER

A Customer taking service under this rate may be eligible for the Company's Farm Discount Rider, as in effect from time to time.

TERMS OF PAYMENT

Charges are net and are payable upon presentation of the Company's bill.

**EASTERN MASSACHUSETTS
GREATER BOSTON SERVICE AREA
LARGE GENERAL SERVICE**

RATE G-3

TERM

Service under this rate shall be for a minimum term of 12 consecutive months and shall continue thereafter until terminated on six months' written notice by the Customer.

Except for Customers engaging in net metering, Customers served under this rate must provide the Company with six months' prior written notice before installing or allowing to be installed for its use a non-emergency generator with a nameplate capacity greater than that in place on the Customer's location as of October 1, 1993.

OPTIONAL TARGETED SERVICE RATE: B-CPT
GENERAL SERVICE – COINCIDENT PEAK TRANSMISSION

AVAILABILITY

This Rate is available to all eligible customers meeting the availability and character of service criteria listed under one of the following general service rate schedules: MGS-P, MGS-S, MGS-P-TOU, MGS-S-TOU, IGS-P-TOU, IGS-S-TOU, LGS-P-TOU, or LGS-S-TOU. Customers also must meet the eligibility criteria detailed below.

ELIGIBILITY CRITERIA

- A. Except to the extent otherwise provided in the Company's Electric Delivery Rate Schedule, any customer taking service under this Rate whose maximum monthly measured demand has not exceeded 20 kW in each of the preceding twelve months shall be transferred to the applicable Small General Service rate, effective with the next succeeding billing month.
- B. This Rate does not apply to customers taking short-term delivery service.

DEMAND

For customers with maximum measured non-coincident demands below 400 kW and taking service under a rate option that is not time-differentiated, the monthly non-coincident peak demand shall be the highest 15-minute integrated kW demand registered during the month as determined by the Company.

Effective Date: July 1, 2023

Peter Cohen

OPTIONAL TARGETED SERVICE RATE: B-CPT
GENERAL SERVICE – COINCIDENT PEAK TRANSMISSION

DEMAND (Continued)

For customers taking service under time-differentiated rates, the monthly non-coincident peak demand for each period, on-peak or shoulder, shall be the highest 15-minute integrated kW demand registered in each period during the month as determined by the Company.

For all customers taking service under this Rate, the monthly coincident peak demand shall be the average kW demand registered during the hour of the Company's monthly system peak during the calendar month.

For customers with maximum measured non-coincident demands below 400 kW, the reactive demand will be determined for three phase service only and where the power factor of the customer's load is determined by the Company to be less than 90% lagging. For customers with maximum measured non-coincident demands below 400 kW and taking service under a rate option that is not time-differentiated, the reactive demand shall be the highest 15-minute integrated kVar demand registered during the month. For customers with maximum measured demands below 400 kW and taking service under a time-differentiated rate option, the reactive demand shall be the highest 15-minute integrated kVar demand registered during any on-peak period during the month.

For all other customers, the reactive demand shall be the highest 15-minute integrated kVar demand registered in any on-peak period during the month.

Effective Date: July 1, 2023

Peter Cohen

OPTIONAL TARGETED SERVICE RATE: B-CPT
GENERAL SERVICE – COINCIDENT PEAK TRANSMISSION

BASIC RATE PER MONTH

Customer Eligible For Service Under

	MGS-P	MGS-S	MGS-P-TOU	MGS-S-TOU
Service Charge				
Single Phase	437.07	192.62	429.30	187.08
Three Phase	499.45	205.08	480.13	197.34
Demand Charges				
Non-Coincident Peak				
All Hours: July & August	4.97 /kW	5.92 /kW		
All Hours: Sept - June	4.14 /kW	4.93 /kW		
On-Peak: July & August			2.39 /kW	3.11 /kW
On-Peak: Sept - June			1.99 /kW	2.59 /kW
Shoulder: July & August			2.39 /kW	3.11 /kW
Shoulder: Sept - June			1.99 /kW	2.59 /kW
Coincident Peak	18.32 /kW	18.32 /kW	18.32 /kW	18.32 /kW
KWH Charges	0.004317 /kWh	0.004317 /kWh		
On-Peak: July & August			0.004317 /kWh	0.004317 /kWh
On-Peak: Sept - June			0.004317 /kWh	0.004317 /kWh
Shoulder: July & August			0.004317 /kWh	0.004317 /kWh
Shoulder: Sept - June			0.004317 /kWh	0.004317 /kWh
Off-Peak: July & August			0.004317 /kWh	0.004317 /kWh
Off-Peak: Sept - June			0.004317 /kWh	0.004317 /kWh
Reactive Demand Charge	0.96 /kVar	1.16 /kVar	1.26 /kVar	0.88 /kVar

Effective Date: July 1, 2023

Peter Cohen

OPTIONAL TARGETED SERVICE RATE: B-CPT
GENERAL SERVICE – COINCIDENT PEAK TRANSMISSION

BASIC RATE PER MONTH (Continued)

Customer Eligible For Service Under

	IGS-P-TOU	IGS-S-TOU	LGS-P-TOU	LGS-S-TOU
Service Charge	2,303.79	2,037.19	9,660.92	6,779.09
Demand Charges				
Non-Coincident Peak				
All Hours: July & August				
All Hours: Sept - June				
On-Peak: July & August	3.72 /kW	2.77 /kW	3.83 /kW	3.54 /kW
On-Peak: Sept - June	3.09 /kW	2.31 /kW	3.19 /kW	2.95 /kW
Shoulder: July & August	3.72 /kW	2.77 /kW	3.83 /kW	3.54 /kW
Shoulder: Sept - June	3.09 /kW	2.31 /kW	3.19 /kW	2.95 /kW
Coincident Peak	18.32 /kW	18.32 /kW	18.32 /kW	18.32 /kW
KWH Charges				
On-Peak: July & August	0.004317 /kWh	0.004317 /kWh	0.004317 /kWh	0.004317 /kWh
On-Peak: Sept - June	0.004317 /kWh	0.004317 /kWh	0.004317 /kWh	0.004317 /kWh
Shoulder: July & August	0.004317 /kWh	0.004317 /kWh	0.004317 /kWh	0.004317 /kWh
Shoulder: Sept - June	0.004317 /kWh	0.004317 /kWh	0.004317 /kWh	0.004317 /kWh
Off-Peak: July & August	0.004317 /kWh	0.004317 /kWh	0.004317 /kWh	0.004317 /kWh
Off-Peak: Sept - June	0.004317 /kWh	0.004317 /kWh	0.004317 /kWh	0.004317 /kWh
Reactive Demand Charge	1.04 /kVar	1.19 /kVar	0.98 /kVar	1.63 /kVar

The daily periods for weekdays (Monday through Friday, excluding holidays) shall be as follows:

On-Peak:	7:00 a.m. to 12:00 p.m. and 4:00 p.m. to 8:00 p.m.
Shoulder:	12:00 p.m. to 4:00 p.m.
Off-Peak:	8:00 p.m. to 7:00 a.m.

Saturdays, Sundays and holidays during December through March shall be treated as consisting of two shoulder periods, from 7:00 a.m. to 12:00 p.m. and from 4:00 p.m. to 8:00 p.m., with the remainder to be designated as off-peak. Saturdays, Sundays and holidays during April through November shall be designated as all off-peak.

Effective Date: July 1, 2023

Peter Cohen

OPTIONAL TARGETED SERVICE RATE: B-CPT
GENERAL SERVICE – COINCIDENT PEAK TRANSMISSION

TRANSMISSION CHARGE

The transmission charges in accordance with Subsection 44.1 of the Terms & Conditions are included in the above rates.

EFFICIENCY MAINE TRUST ASSESSMENT CHARGE

The Efficiency Maine Trust assessment charges in accordance with Subsection 49.1 of the Terms & Conditions are included in the above rates.

REACTIVE DEMAND CHARGE

For customers with non-coincident demands less than or equal to 1,000 kW, the applicable reactive demand charge from the table above will be applied to reactive demand in excess of 50% of the monthly kW demand or, for time-differentiated options, the monthly on-peak kW demand.

For customers with non-coincident demands greater than 1,000 kW, the applicable reactive demand charge from the table above will be applied to reactive demand in excess of 50% of the first 1,000 kW of monthly on-peak kW demand and 25% of all additional monthly on-peak kW demand.

MINIMUM CHARGE

The Service Charge, plus the Non-coincident Demand Charge, plus the Coincident Peak Demand Charge, plus the Reactive Demand Charge, per month.

METERING

If metering facilities are required for time-of-use service which are in addition to, or in substitution of, the standard facilities which the Company would normally install to provide regular service, they shall be provided by the Company and the customer will be subject to an additional monthly charge in accordance with Section 13 of the Terms & Conditions.

CONTRACT

1. A contract shall be required for customers with loads of 2,000 kW or larger.
2. The contract shall specify the delivery point and voltage, phase characteristics, maximum available kVa capacity, billing criteria under the applicable rates(s), and any special conditions associated with the facilities providing the service.

Effective Date: July 1, 2023

Peter Cohen