



February 28, 2023

Mr. Robert Stein, Chairman
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Dear Mr. Stein:

The Connecticut Municipal Electric Energy Cooperative (CMEEC) herewith submits a copy to the Connecticut Siting Council of our Forecast of Electric Loads and Resources for 2023-2032 Report as required by Section 16-50R of the Connecticut General Statutes.

Should you require any additional information, please contact me.

CONNECTICUT MUNICIPAL ELECTRIC
ENERGY COOPERATIVE

A handwritten signature in black ink that reads "Richard Gaudet".

Richard Gaudet
Energy Modeling and
Performance Analyst



FORECAST OF ELECTRIC LOADS AND RESOURCES 2023-2032

Presented to the Connecticut Siting Council
Pursuant to C.G.S. § 16-50r

March 1, 2023

Connecticut Municipal Electric Energy Cooperative
30 Stott Avenue
Norwich, Connecticut 06360

Introduction and Background

The Connecticut Municipal Electric Energy Cooperative ("CMEEEC") is a not-for-profit joint-action power supply agency empowered to finance, plan, acquire, construct, operate, repair, extend, or improve electric generation and transmission facilities and sell power at wholesale and other markets to serve the needs of the Connecticut municipal electric utilities and other electric utility systems and customers.

The CMEEEC member municipal electric utilities (collectively, the "Members" or "MEUs") are (1) Norwalk's Third Taxing District Electrical Department ("TTD"), (2) Groton Utilities ("Groton"), (3) Jewett City Department of Public Utilities ("JCDPU"), (4) Norwich Public Utilities ("NPU"), (5) South Norwalk Electric & Water ("SNEW"), and (6) Bozrah Power & Light Company ("BL&P"). The Mohegan Tribal Utility Authority ("MTUA") is also a full-requirements wholesale customer of CMEEEC. The loads of the CMEEEC Members, and the MTUA are represented on an integrated, single-system basis for purposes of ISO-New England ("ISO-NE") operations.

The joint power supply established by CMEEEC is intended to meet the diversified power supply needs of all CMEEEC's Members and customers. CMEEEC's mission is to meet these requirements reliably and at the lowest possible cost over the long-term. Today, CMEEEC's portfolio consists of CMEEEC and member-owned generation, unit entitlement contracts, long-term contracts, intermediate and short-term system contracts, financial instruments, and ISO-NE market purchases.

The long-term forecasts of electric demand of the CMEEEC Member utilities and customers are the primary tools used to ascertain future CMEEEC power needs. (reference Table I & II) Member specific electrification demand forecasts are added to any known new commercial/industrial customers demand forecasts with anticipated load serving start dates to come up with a final long-term electric demand forecast. We utilize Member electric vehicle and heat pumps rebate program data for creating the electrification forecasts. CMEEECs Members have seen modest growth in the number of residential roof top solar deployments and EV's while heat pumps remain a very popular rebate program in all the Member territories. Many of our member territories report high levels of rental units which keeps large segments of our Member's customer base from being able to decide to switch to residential rooftop solar or electric vehicles. The base load forecast utilizes Member and Customer hourly reconstituted demands to train regression models into which we input 15 years of historical weather data to simulate over 100 different weather scenarios load outcomes. We utilize the 50th percentile of the weather scenarios demand outputs as the CMEEEC system-wide energy, peak demand and capacity requirements forecast, which is filed with the Council herein and used to make power supply decisions. (Tables I & II) CMEEEC's system energy requirement average annual compound growth rate for 2022 - 2032 is projected to be 0.12%.

For this year's load forecast update, commercial and industrial customer demand shifts include Norwich's Freeport-McMoRan copper and gold plant which closed in 2020, this was reflected in prior years filings as well. Norwich has 2 scheduled marijuana grow facilities and a Solar Seal glass plant that are scheduled to commence operations over the next 2 years. In Groton, Electric

Boat is building a new assembly building and is projecting a large workforce upsizing. The monthly energy requirements for Electric Boat are expected to increase by 50%, this growth in forecasted demand was offset by the New London SuBase 10,800 kW load following Natural Gas facility as referenced in Table VII. Between the two, Groton's monthly energy requirements are projected at a -0.43% AACGR for 2022-2023. South Norwalk had a shopping mall open in late 2020, the SONO Collection, that was reflected in prior year forecast updates.

Information Required by Section 16-50r(a)

The following material and tables are in the specific itemized requirements of Sec.16-50r of the General Statutes and are provided on behalf of CMEEC and its Members and customers. Items (1) through (8) listed below correspond to the numbers included in that section.

(1) Provide a tabulation of estimated peak loads, resources and margins for each year (of the forecast period):

Table I shows forecasted energy and demand for the period as well as data on summer and winter peak demands. Table II reflects the forecasted annual peak demands for the 2023-2032 periods for both the 50/50 forecast as well as the 90/10 extreme condition forecast.

CMEEC is a participant in ISO-NE and meets its net power needs primarily through the ISO-NE market system. CMEEC also maintains power and related resources delivered to the Markets. Market resources over the forecast period include NYPA and Hydro Quebec ICAP credits (20 - 30 MW), Conservation & Load Response ICAP Credits (5 MW) and the Norwich Jet (15 - 18 MW). CMEEC also maintains distributed generator resources (50 MW).

(2) Provide data on energy use and peak loads for the five preceding calendar years:

Historical aggregated energy use and peak loads for the six-member CMEEC system and the MTUA are provided in Table III.

(3) Provide a list of existing generating facilities in service:

Generating facilities owned by CMEEC and CMEEC's Members and other project participants are listed in Table IV (please note that CMEEC divested ownership of its former Pierce Generating Unit effective on December 31, 2021 and our scheduled Groton Naval Submarine Base fuel cell generating facility went commercial in December of 2022). The mix of existing generating facilities and system power agreements that serve the CMEEC system are listed in Table V. Anticipated retirement dates of CMEEC Member generating facilities and Member cogeneration and small power production facilities are listed in Table VI and Table VII respectively.

(4) Provide a list of scheduled generating facilities for which property has been acquired, for which certificates have been issued, and for which certificate applications have been filed:

CMEEC executed a lease in 2014 with the United States Navy for use of an approximately 1 acre federally owned site located at the Naval Submarine Base in Groton. CMEEC has sublet that property to a third-party developer who will build, own, and operate a two-unit 7.4 MW fuel cell generating facility on the site. CMEEC will purchase the plant output. The project has been declared commercial effective December 16, 2022.

(5) Provide a list of planned generating units at plant locations for which property has been acquired or at plant locations not yet acquired that will be needed to provide estimated additional electric requirements:

There are no planned CMEEC-owned generating units responsive to this question.

(6) Provide a list of planned transmission lines on which proposed route reviews are being undertaken or for which certificate applications have already been filed.

There is on-going work to upgrade the existing 400/1410/1280 line structures in Groton, CT. The Project will consist of replacing 36 wood pole structures and installation of OPGW using the existing conductor and upgrading pole and cross arm structures as needed within the existing right of way. The Siting Council issued a Declaratory Ruling on February 18, 2021 that no Certificate of Environmental Compatibility and Public Need was required for this upgrade in Petition No. 1436.

(7) Provide a description of the steps taken to upgrade existing facilities and to eliminate overhead transmission and distribution lines in accordance with the regulations and standards described in Section 16-50t.

Several projects are recently completed, underway or in various stages of completion in the CMEEC Member service territories, which are summarized below.

South Norwalk Electric & Water (SNEW) continues to see growth in electric sales due to residential and commercial construction projects in South Norwalk. Growth was anticipated when SNEW put in service a new dual feed PTF level substation in 2014 to serve all its load. These construction projects provide SNEW with the opportunity to make improvements to the electric distribution system by replacing near end-of-life cable, connectors, poles, and switches. In 2022, SNEW completed replacement of all its' remaining sodium vapor/LED ornamental style streetlights with new lower wattage 2700k LED lights. SNEW continued the replacement of deteriorated poles and made numerous upgrades to underground facilities which included the replacement of cable and switches. SNEW's system remained resilient through 2022 due to an extensive tree

trimming and tree removal program along with installing additional wildlife protection on pole mounted transformers. In 2023 SNEW will continue to survey and replace deteriorated poles and make system improvements to the overhead and underground systems. The underground distribution system upgrade plan is to have all end-of-life submersible transformer replaced by 2026. SNEW will continue the replacement of aging underground SF6 gas switches. Overhead system reliability will be improved by adding fuse protection, along with closely monitoring tree trimming requirements.

East Norwalk (TTD) put in service a new PTF level substation in December 2013 (Fitch 47R) which is the subject of CSC DN 426. This project addressed long standing reliability issues, replacing distribution voltage level underground power supply to TTD installed in 1946 with dual feed bulk power supply directly from the high voltage grid. This project has allowed TTD to satisfy load growth within their system and improves the overall power supply resiliency of SWCT. TTD's Supervisory Control and Data Acquisition (SCADA) system monitors TTD's transmission system and allows for control of distribution substations. This system will accommodate future expansion and ensure compliance with NERC/NE-ISO regulations.

Norwich Public Utilities (NPU) continues to upgrade its remaining 4.8kV distribution system to 13.8kV that will provide a number of benefits:

- increasing efficiency by reducing system losses;
- improving reliability through better voltage conditions and newer equipment;
- reducing operating costs.

In 2022 NPU installed approximately 1.25 miles of underground primary and secondary distribution cables. Upgrades also include installing insulated spacer cable to increase system resiliency which NPU estimates has. reduced outages by 75%.

All NPU substations, generating stations and several distribution switches are monitored and controlled in the utility's Control Room via a SCADA system supported by NPU's fiber optic network. NPU's Control Room is staffed 24 hours per day, seven days per week. NPU's AMI "smart" meters are integrated with its Outage Management System to provide its Control Room with real-time information on power outages for improved outage response and storm management.

NPU continues to replace aging electro-mechanical relays and controls with new PLC-based control relays. Additionally, NPU continues to replace distribution switches and fuses motor operated devices and reclosers that can be integrated with its SCADA system. These upgrades increase the reliability of our substations, distribution feeders, and generators while providing more automation and system information to the NPU Control Room.

The Greeneville Dam and Occum Dam fish passages both operated safely during 2022. NPU works closely with the State of Connecticut's Department of Energy and Environmental Protection (DEEP) on fish and eel passages, a pit tagging program, and

shad trucking to promote the migration of shad to new spawning grounds.

The Occum Dam continues to pass American Shad with NPU's annual efforts monitored by DEEP. NPU's Greenville and Occum Dams are certified by the Low Impact Hydro Institute (LIHI) and continue to accrue renewable energy certificates (RECs) while providing reliable base-load clean electricity to NPU customers.

Jewett City Department of Public Utilities (JCDPU) is continuing the upgrading of its distribution network in an intended development of long-range system expansion and as part of this effort, any business or residential expansion would involve underground cable installation. The new Senior Center and newly constructed apartment complex (Pleasant View Estates) were both newly constructed underground installations. All JCDPU customers are now served through smart meters. Jewett City recently completed the overhaul of their backup substation, and this work will go towards increasing the reliability within their service territory. Jewett City DPU is beginning the task of correcting a Load Power Factor deficiency and this work will extend out in time (due to financial impacts of Covid-19 Pandemic) for the next year or two (expected to be complete by end of 2023).

Groton Utilities continues its ECT related upgrades (see Connecticut Siting Council Petition #1436) and upgrades to Buddington station (Connecticut Siting Council Petition #1534) to match the 100/400-line voltage upgrades. Installed two new sub-transmission lines as part of a 340- and 306-line extension, which included all new utility poles. New neutral wire was installed along Route 12.(and the removal of aerial neutral) Groton Utilities reconductored the Thomas Rd. underground cable fed from the Avery Point Feeder. A new underground backup feed on Antonino Dr. was installed to an office building on Route 184. Groton Utilities installed new overhead primary and some underground to replace old underground conduit and cable. Old capacitor banks were removed in various locations. Groton Utilities installed a new underground primary service to a school along with a 300kVA transformer in addition to the installation of a new feeder at the Water Treatment Plant. Substation battery banks and chargers were replaced at two (2) substations.

Bozrah Light and Power (BL&P) Installed new primary service including elbows and terminators at Norwich Avenue. New poles were installed and set along Route 82. BL&P also increased the transformer size served off this circuit from 300kVA to 750kVA for an industrial customer in Bozrah.

As part of a four-year maintenance program, Groton Utilities and BL&P perform the following: relay cleaning and testing, substation breaker maintenance, infrared scanning that looks for loose connections, and faulty connectors, transformer testing and vegetation control.

Groton Utilities and Bozrah Light & Power continue to replace glass cutouts. Nearly all meters on the BL&P and Groton circuits are now AMI. The remaining commercial, industrial, and odd meters will be replaced in the next few years. The number of power interruptions due to tree contract are on the decline due to

extensive tree trimming. Two tree trimming crew work 5 days per week for the entire fiscal year. Both tree trimming crews are hard at work reducing the potential of power interruptions by removing trees and tree branches away from power lines on primary, sub-transmission and the secondaries. They have done some trimming at the ground level near the transmission circuits.

(8) For each private power producer having a facility generating more than one (1) megawatt, and from whom CMEEC has purchased electricity during the preceding calendar year, provide a statement including the name, location, size, and type of generating facility, the fuel consumed by the facility, and the by-product of the consumption:

Generally, the customers in CMEEC Members service areas who have generating capacity greater than 1 MW retain the power for ongoing internal utilization and/or load management. Table VII includes on-site generation capability at customer locations within the municipal service territories for which CMEEC or the member municipal utility has arrangements in place to purchase some or all of the power output.

TABLE I
CONNECTICUT MUNICIPAL ELECTRIC ENERGY COOPERATIVE
10-YEAR FORECAST OF MEMBER AND CUSTOMER ENERGY REQUIREMENTS AND CMEEC PEAK DEMAND

YEAR	2022-2032										CMEEC Summer Coincident Peak Demand MW	CMEEC Winter Coincident Peak Demand MW	Load Factor %
	Groton MWh	Norwich MWh	Jewett City MWh	East Norwalk MWh	South Norwalk MWh	Bozrah MWh	Air Gas MWh	Mohegan Tribal Utility Authority MWh	CyrusOne MWh	Systems Energy Requirements Met by CMEEC MWh [1]			
2022	423,323	288,378	25,241	61,398	108,281	57,193	158,057	127,836	6,379	1,256,087	233.64	194.41	61.4
2023	396,420	304,537	24,963	60,749	105,381	56,033	166,919	126,271	6,247	1,247,519	212.01	183.48	67.2
2024	404,749	315,486	25,062	60,943	105,772	56,236	167,372	126,594	6,261	1,268,473	212.04	187.69	68.1
2025	403,597	314,657	24,997	60,789	105,480	56,090	166,921	126,288	6,246	1,265,066	215.61	188.50	67.0
2026	403,653	314,787	25,014	60,811	105,537	56,106	166,922	126,291	6,247	1,265,369	217.33	187.58	66.5
2027	403,706	314,895	25,045	60,836	105,594	56,132	166,917	126,295	6,247	1,265,668	221.59	190.38	65.2
2028	404,074	315,183	25,068	60,892	105,690	56,183	166,917	126,411	6,253	1,266,670	223.56	191.08	64.5
2029	404,443	315,470	25,091	60,947	105,787	56,234	166,917	126,526	6,259	1,267,674	225.52	191.78	64.2
2030	404,812	315,758	25,114	61,003	105,883	56,285	166,917	126,642	6,264	1,268,679	227.49	192.49	63.7
2031	405,182	316,046	25,137	61,058	105,980	56,337	166,917	126,757	6,270	1,269,684	229.46	193.19	63.2
2032	405,552	316,335	25,160	61,114	106,076	56,388	166,917	126,873	6,276	1,270,691	231.42	193.90	62.7
AACGR % Increase 2022 - 2032	-0.43%	0.93%	-0.03%	-0.05%	-0.21%	-0.14%	0.55%	-0.08%	-0.16%	0.12%	-0.10%	-0.03%	

[1] Totals are the sum of kilowatthours rounded to the nearest megawatthour (MWh).

TABLE II

March 1, 2023

CONNECTICUT MUNICIPAL ELECTRIC ENERGY COOPERATIVE (CMEEC)

SUMMARY OF CMEEC PEAK FORECASTS (1)

<u>Year</u>	<u>50/50 Peak Forecast</u>	<u>90/10 Peak Forecast</u>
2023	212.01	231.2 / 194.9
2024	212.04	235.9 / 194.3
2025	215.61	236.1 / 198.2
2026	217.33	238.8 / 200.3
2027	221.59	246.7 / 201.8
2028	223.56	249.9 / 203.2
2029	225.52	253.2 / 204.6
2030	227.49	256.4 / 205.9
2031	229.46	259.6 / 207.4
2032	231.42	262.8 / 208.8

(1) CMEEC developed the 50/50 forecast and the 90/10 forecast using the same statistical approach of simulating historical weather as inputs to hourly models for each Member/Customer and then aggregating the results to arrive at the CMEEC forecasted annual peaks.

TABLE III

March 1, 2023

CONNECTICUT MUNICIPAL ELECTRIC ENERGY COOPERATIVE (CMEEC)

HISTORICAL ENERGY USE AND PEAK LOAD
2018-2022

<u>Year</u>	CMEEC Coincident Peak Load <u>(MW)</u>	CMEEC Energy <u>(MWh)</u>
2018	288.02	1,255,653
2019	255.94	1,231,631
2020	231.31	1,220,065
2021	231.10	1,238,784
2022	233.64	1,256,086

TABLE IV

CONNECTICUT MUNICIPAL ELECTRIC ENERGY COOPERATIVE (CMEEC)**EXISTING GENERATION FACILITIES OWNED BY
CMEEC AND ITS MEMBERS**

As of March 1, 2023

<u>Generating Facility</u>	<u>Winter Rating (MW)</u>	<u>Summer Rating (MW)</u>
Norwich Combustion Turbine (Oil-Fired) [1]	18.800	15.255
Norwich Waste Water Treatment (Oil-Fired)	2.00	2.00
Norden 1 (Oil-Fired)	2.00	2.00
Norden 2 (Oil-Fired)	2.00	2.00
Norden 3 (Oil-Fired)	2.00	2.00
Norwich Second Street (Hydro)	[2]	[2]
Norwich Tenth Street (Hydro)	[2]	[2]
Norwich Occum (Hydro)	[2]	[2]
MicroGen Units [3]	50.00	50.00

[1] Represents CMEEC current joint-ownership share. The full capability of the Norwich combustion turbine unit is under contract to CMEEC.

[2] Winter and summer ratings are based on average river flow conditions. The nameplate rating for the Second Street hydro station is 0.95 MW. The nameplate rating for the Tenth Street hydro station is 1.40 MW. The nameplate rating for the Occum hydro station is 0.80 MW. These hydro units remain a resource of the Norwich Department of Public Utilities. The generations of these hydro units are used by Norwich to directly offset Norwich load.

[3] Represents the CMEEC MicroGen Units which are currently commercially operating. Seven (7) 2.50 MW units are located in Groton service territory, two (2) 2.50 MW units are located in Norwich, one (1) 2.50 MW unit is located in Jewett City, two (2) 2.50 MW units are located in Lebanon, CT, four (4) 2.50 MW units are located at the Mohegan Tribal Utility Authority and (4) 2.5 MW units located at Backus Hospital in Norwich.

TABLE V

As of March 1, 2023

MIX OF EXISTING GENERATION - CMEEC RESOURCES

<u>Unit Designation</u>	<u>In-Service Date</u>	<u>Net Winter Capacity (In MW) [1]</u>	<u>CMEEC Share (MW)</u>	<u>Net Summer Capacity (In MW) [2]</u>	<u>CMEEC Share (MW)</u>	<u>CMEEC Percent of Unit (%)</u>
<u>Long-Term System & Asset Contracts [3]</u>						
Base System Purchase		58.52	58.52	38.53	38.53	
On-Peak System Purchase		14.50	14.50	15.00	15.00	
Total System Contracts		73.02	73.02	53.53	53.53	
<u>Municipal Generation</u>						
Norwich Combustion Turbine	1972	18.80	18.80	15.25	15.25	100.00
Norwich Waste Water Treatment	2008	2.00	2.00	2.00	2.00	100.00
Norden 1	2009	2.00	2.00	2.00	2.00	100.00
Norden 2	2009	2.00	2.00	2.00	2.00	100.00
Norden 3	2009	2.00	2.00	2.00	2.00	100.00
Submarine Base Fuel Cell	2022	7.00	7.00	7.00	7.00	100.00
Total Municipal Generation		33.80	33.80	30.25	30.25	
TOTAL CMEEC CAPACITY RESOURCES			106.82		83.78	
<u>Other Resources</u>						
PA Hydro (Firm & Peaking) [4]			13.30		13.30	NA
Short-Term Purchases [5]			Varies		Varies	NA
CMEEC's Microgen Units [6]			50.00		50.00	

[1] Represents NEPOOL Winter Maximum Claimed Capability.

[2] Represents NEPOOL Summer Maximum Claimed Capability.

[3] System Purchases, Contract Purchases & Unit Entitlement Purchases from several counterparties.

[4] Represents maximum hourly contract deliveries to CMEEC. New York Power Authority (NYPA) hydro purchases began July 1, 1985. Energy contributions from NYPA are considered to be firm contracts and used to reduce electric requirements thereby reducing CMEEC Capability Responsibility in NEPOOL.

[5] The MW amounts shown for Short-Term Purchases vary from month to month from 0 MW to 50 MW through December 2023.

[6] Represents the CMEEC MicroGen Units which are currently commercially operating. Seven (7) 2.50 MW units are located in Groton, two (2) 2.50 MW units are located in Norwich, one (1) 2.50 MW unit is located in Jewett City, two (2) 2.50 MW units are located in Lebanon, CT, four (4) 2.50 MW units are located at the Mohegan Tribal Utility Authority and (4) 2.5 MW units located at Backus Hospital in Norwich. These resources will be used for demand reduction purposes and are not anticipated to be enrolled in the ISO New England markets.

TABLE VI

CONNECTICUT MUNICIPAL ELECTRIC ENERGY COOPERATIVE

March 1, 2023

Anticipated Unit Retirement Dates

Retirement Date

Conventional Hydro

Norwich Tenth Street Hydro	Not Scheduled
Norwich Second Street Hydro	Not Scheduled
Norwich Occum Hydro	Not Scheduled

Peaking

Norwich Combustion Turbine	05/31/2023
Norwich Waste Water Treatment	Not Scheduled
Norden 1	Not Scheduled
Norden 2	Not Scheduled
Norden 3	Not Scheduled

Table VII

Connecticut Municipal Electric Energy Cooperative (CMEEC)

**COGENERATION & SMALL POWER PRODUCTION FACILITIES
GREATER THAN 1 MW IN TOTAL SIZE & from which CMEEC and/or its Members Purchase Power**

As of March 1, 2023

Groton Utilities

<u>Facility Name</u>	<u>Facility Type</u>	<u>Facility Location</u>	<u>No. Of Units</u>	<u>Prime Mover</u>	<u>Type Fuel</u>	<u>Summer & Winter Capacity</u>	<u>Years Installed</u>
Pfizer, Inc.	Cogen [1]	Groton CT	3	Steam Turbine	Steam (NG BOILERS)	37,040 kW	1993 2001 2009
			1	Gas Turbine	Gas/#2 Oil	10,000 kW	2008
			2	Fuel Cell	Natural Gas	5,600 kW	2017
GFSE	Fuel Cell [2]	SUBASE NLON Groton CT	2	Fuel Cell [2]	Natural Gas	7,400 kW	2021
			Gas Engines[2]	SUBBASE NLON	2	Gas Engines [2]	Natural Gas

[1] The customer retains most of the power from each of these facilities; CMEEC purchases excess output.

[2] Fuel Cells are located on at Subbase New London on property leased by CMEEC from the Navy and has been declared commercial effective December 16, 2022. Their output is fully subscribed to by CMEEC however the output can be dedicated in island mode to serve the SUBASE during grid emergencies.

Groton Utilities (continued)

Tesla's Trident Farm [3]	Solar Farm	Groton CT	Solar Panels	1,000 kW Solar Photovoltaic	2017
Tesla's Pelican Farm	Solar Farm	Groton CT	Solar Panels	1,000 kW Solar Photovoltaic	2017
Tesla's Polaris Farm	Solar Farm	Groton CT	Solar Panels	3,500 kW Solar Photovoltaic	2018
Groton Naval Housing	Rooftop Solar	Groton CT	Solar Panels Residential	4,026 kW Solar Photovoltaic	2016

Bozrah Light and Power

Tesla's Brush Solar Farm	Solar Farm	Bozrah CT	Solar Panels	2,500 kW Solar Photovoltaic	2016
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Norwich Public Utilities

Tesla's Stott Avenue Solar Farm	Solar Farm	Norwich CT	Solar Panels	3,500 kW Solar Photovoltaic	2017
Tesla's Rogers Road Landfill Solar Farm	Solar Farm	Norwich CT	Solar Panels	1,500 kW Solar Photovoltaic	2017
Tesla's Rogers Road Greenfield Solar Farm	Solar Farm	Norwich CT	Solar Panels	1,000 kW Solar Photovoltaic	2017

[3] Please note that all Tesla projects listed above are currently subject to a contractual dispute.