

SUSTAINABLE ENERGY COMMISSION

Regular Meeting

Public Works Department, 4 Turkey Hill Road, Newtown

Thursday, January 18, 2024

Called to order 7:00

THESE MINUTES ARE SUBJECT TO APPROVAL BY THE SUSTAINABLE ENERGY COMMISSION

Present: Kathy Quinn, George Brown, Carol Walsh, Mike Oristaglio

Absent: Robert Bohn, David Stout, Nicolas Lombardo, Damian Bednarz, Allen Adriani

Also Present: BOE Facilities Director John Barlow and 2 members of the public

Communications – Sustainable Southbury sent an email about their Heat Pump informational session on February 1, 2024.

Acceptance of Minutes – No quorum

Earth Day participation – K. Quinn explained that the goal is to get more vendors for heat pumps, solar and other energy saving companies.

Sub-Committees

EV Charging stations/10K Grant – see attached

Energy Storage – No update

Portfolio Manager – Mike Oristaglio provided an update on the portfolio manager (att.). John Barlow will assist with the missing data from the schools.

Status of Solar Projects – see attached

Off Site 1MW VNM – no update

Batchelder Remediation plan – see attached

School Updates – John Barlow reported that the RFP for the facility study went out. There was a walkthrough with 9 participants. Proposals are due back on 1/31/24.

Community Center HVAC – That is moving to the Public Building and Site Commission to put together a bid.

Town Building Strategic Plan Committee – They made a presentation in November to the Board of Selectmen and will follow up with the current administration to repeat the presentation.

Municipal Energy Plan – No update

Social Media – Web Site, Facebook etc. updates – No update

ADDITIONAL ITEMS TO BE ADDRESSED

POCD update – K. Quinn reported that they have what they needed from the Sustainable Energy Commission.

Changes to recycling/Composting Efforts – No update

Lighting at FFH – No update

Co-operation with other agencies – No update

Next Meeting Date – February 15, 2024

Having no further business, the meeting was adjourned at 7:50pm.

Respectfully Submitted,
Arlene Miles, Clerk



TOWN OF NEWTOWN
PUBLIC WORKS DEPARTMENT

The following is the Director's update for the 1/17/2024 Regular Sustainable Energy Meeting.

1. The electric car charging station for Edmond Town Hall has been ordered thru the Town Purchasing Authority. With an 8-10 week delivery time, installation is anticipated by the end of March. The installer however is ready at any time to complete the installation so an earlier delivery of equipment would be an earlier completion. The \$10,000 grant dedicated to this project would be fully utilized with this project.
2. The potential Batchelder Project has had some significant movement in the last month. A final environmental review was completed. Tighe & Bond, the project consultant is willing to perform the next phase of getting an RFP ready to go out to bid to nail down remediation costs and the Purchasing Director has found that as the LEP of record they may continue having been selected by a public solicitation for the earlier phases. In addition, discussion has continued with the district congressional regarding possibly substantial federal remediation funding as well as contact with State agencies for the same. The tying together of many different elements makes this project attractive because it incorporates remediation of a brown field; renewable energy; rails to trails continuation of a state project to go from Long Island Sound to the Mass border and CT job creation for these elements. A lot of project boxes are being checked.
3. We will be resubmitting the three (3) solar projects that were not picked in the last round of Eversource/DEEP funding in February. The one roof project (Head O' Meadow School) that was funded is dealing with some roof replacement issues but still should meet minimum expenditure requirements to keep all the Investment Tax Credits in place.
4. Discussions have started again with Nunnawauk Meadows about a community solar program for them. The current residential rate for funding is \$.35 per KWH and the users must get a minimum of 20% of that credit which would mean a minimum \$.07 reduction for each KWH directly on their bill.

Prepared by:
Fred Hurley

#	Property Name	Energy Current Date	ENERGY STAR Score	Site EUI, kBtu/ft ²	Source EUI, kBtu/ft ²
1	CTLG_Newtown_PWColdStorage_4TurkeyHillRd	11/30/2023	100	0.9	2.6
2	CTLG_Newtown_TownHallSouth_3MainSt	11/30/2023	100	30.8	48.4
3	CTK12_Newtown_NewtownMiddleSchool_11QueenSt	10/31/2022	89	52.0	68.4
4	CTK12_Newtown_HawleySchool_29ChurchHillRd	05/31/2023	78	46.1	74.1
5	CTLG_Newtown_MunicipalCenter_3PrimroseSt	11/30/2023	69	72.7	133.6
6	CTK12_Newtown_MiddleGateSchool_7ColdSpringRd	11/30/2023	67	64.0	93.6
7	CTK12_Newtown_SandyHookElementary_12DickinsonDr	06/30/2023	61	60.2	101.7
8	CTK12_Newtown_Reed/ParksRecGarage_TradesLn	07/31/2022	58	71.1	103.6
9	CTK12_Newtown_ReedIntermediateSchool_3TradesLn	07/31/2022	53	72.7	110.6
10	CTLG_Newtown_PWHighwayDept_4TurkeyHillRd	11/30/2023	38	50.8	67.9
11	CTK12_Newtown_HeadO'Meadow_94BoggsHillRd	11/30/2023	37	76.0	123.4
12	CTK12_Newtown_NewtownHighSchool_12BerkshireRd	05/31/2023	28	75.0	138.8
13	CTK12_Newtown_HighSchoolGreenHouse_12BerkshireRd	05/31/2023	NA	28.4	79.5
14	CTK12_Newtown_HighSchoolMain_12BerkshireRd	05/31/2023	NA	75.7	139.7
15	CTK12_Newtown_SnackShack_12BerkshireRd	05/31/2023	NA	4.1	11.5
16	CTLG_Newtown_AnimalControl_21OldFarmRd	03/31/2023	NA	54.9	77.6
17	CTLG_Newtown_Community/SeniorCenter_8SimpsonSt	05/31/2023	NA	199.3	324.2
18	CTLG_Newtown_EdmondTownHall_45MainSt	11/30/2023	NA	52.7	76.5
19	CTLG_Newtown_Library_25MainSt	11/30/2023	NA	53.7	92.2
20	CTLG_Newtown_MultipurposeCenter_14RiversideRd	05/31/2023	NA	62.2	97.7
21	CTLG_Newtown_Parks/RecGarage_2TradesLn	03/31/2023	NA	54.8	57.0
22	CTLG_Newtown_PoliceDept_191SouthMainSt	05/31/2023	NA	90.0	140.8
23	CTLG_Newtown_WasteWaterTreatmentPlant_24CommerceRd	05/31/2023	NA	820.8	1840.7
24	CTLG_Newtown_VirtualNetMeter	07/31/2022	NA	NA	NA

Legacy Property:

X-CTK12_Newtown_Sandy Hook --> Monroe School

- **ENERGY STAR Score** (1–100) compares your building to other buildings like it across the country, not other buildings in Portfolio Manager.
- **Site EUI** (energy use intensity) accounts for energy use (heat, electricity) within the building itself.
- **Source EUI** accounts for all energy use involved from production to end use: e.g., natural gas well → processing → pipeline transportation → electricity generation → electricity transmission → site use).

Property Name	Year Ending	Property GFA Calculated, ft²	Site EUI, kBtu/ft²	Source EUI, kBtu/ft²	Weather Normalized Site EUI, kBtu/ft²	Weather Normalized Source EUI, kBtu/ft²	National Median Site EUI, kBtu/ft²	National Median Source EUI, kBtu/ft²	Energy Cost
CTK12_Newtown_NewtownHighSchool_12BerkshireRd	5/31/23	357,893	75.00	138.80	79.30	143.20	60.80	112.50	NA
CTK12_Newtown_NewtownMiddleSchool_11QueenSt	10/31/22	153,051	52.00	68.40	-54.00	70.70	86.00	113.30	\$ 148,159.37
CTK12_Newtown_ReedIntermediateSchool_3TradesLn	7/31/22	171,959	72.70	110.60	-75.60	113.60	75.30	114.50	NA
CTK12_Newtown_HeadO'Meadow_94BoggsHillRd	11/30/23	62,765	76.00	123.40	-76.00	123.40	67.90	110.20	NA
CTK12_Newtown_HawleySchool_29ChurchHillRd	5/31/23	61,565	46.10	74.10	-51.60	79.90	63.00	101.30	\$ 69,710.42
CTK12_Newtown_MiddleGateSchool_7ColdSpringRd	11/30/23	58,481	64.00	93.60	-70.20	100.00	75.80	110.80	\$ 86,629.40
CTK12_Newtown_SandyHookElementary_12DickinsonDr	6/30/23	90,415	60.20	101.70	-63.10	104.80	66.90	112.90	\$ 157,836.21

CTK12_Newtown_NewtownMiddleSchool_1



Not currently eligible for
ENERGY STAR Certification

ENERGY STAR Score
(1-100)

Current Score: 89

Baseline Score: 49



11 Queen St., Newtown, CT 06470 [Map It](#)

Portfolio Manager Property ID: 4479774

Year Built: 1952

[Edit](#)

Summary

Details

Energy

Water

Waste & Materials

Goals

Design

Meter Summary

5 Energy Meters Total

5 - Used to Compute Metrics

[Add A Meter](#)

Current Energy Date
Oct 31, 2022

[Enter Your Bills](#)



Five Ways to Enter Bill Data

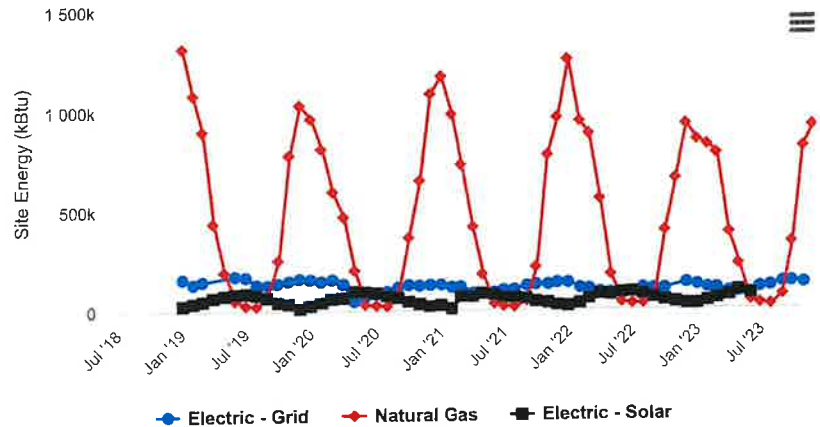
1. Manual ([Instructions here](#))
2. Use our [simple spreadsheet](#) (on the bottom of each meter's Manage Bills page) to upload or Copy/Paste
3. Use our [complex spreadsheet](#) (multiple meters + multiple properties)
4. [Hire an organization](#) to electronically enter your data
5. See if your [utility offers this service](#)

Your Property is: [Edit](#)

- ☒ A Single Building
- ☐ Part of a Building
- ☐ A Campus of Multiple Buildings

You Are Tracking: [Edit](#)

- ☒ Total energy consumption for your property
- ☐ Partial energy consumption for your property



(Chart current as of 01/18/2024 04:10 PM EST)

[Refresh Chart](#)

[Export Data by Calendar Month](#)

Meters - Used to Compute Metrics (5)

[Add A Meter](#)

[Change Meter Selections](#)

[View as a Diagram](#)

Meter Name Portfolio Manager Meter ID	Energy Type	Most Recent Bill Date	In Use? (Inactive Date)
E-51-352546030 25499636	Electric - Grid	01/02/2024	Yes
E-51-658443072 14578055	Electric - Grid	12/26/2023	Yes
G-57-201350022 14549724	Natural Gas	12/31/2023	Yes
S-Altus 140211400	Electric - Solar	07/01/2023	Yes
X-O-Fuel Oil (No. 2) 14621433	Fuel Oil (No. 2)	Not In Use	No (04/07/2017)

[Download Annual Totals by Meter](#)

CTLG_Newtown_VirtualNetMeter



1 Main St, Newtown, CT 06470 [Map It](#)

Portfolio Manager Property ID: 22723968

Year Built: 1900

[Edit](#)



Not currently eligible for
ENERGY STAR Certification

[Change Metric](#)

Weather Normalized
Source EUI (kBtu/ft²) Why not score?

Current: -68,411,070.0
(76631450% lower than median.)

Baseline: -56,946,570.0
(63789370% lower than median.)

Summary

Details

Energy

Water

Waste & Materials

Goals

Design

Meter Summary

8 Energy Meters Total

8 - Used to Compute Metrics

[Add A Meter](#)

Current Energy Date
Jul 31, 2022

[Enter Your Bills](#)



Five Ways to Enter Bill Data

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Your Property is: [Edit](#)

- ☒ A Single Building
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You Are Tracking: [Edit](#)

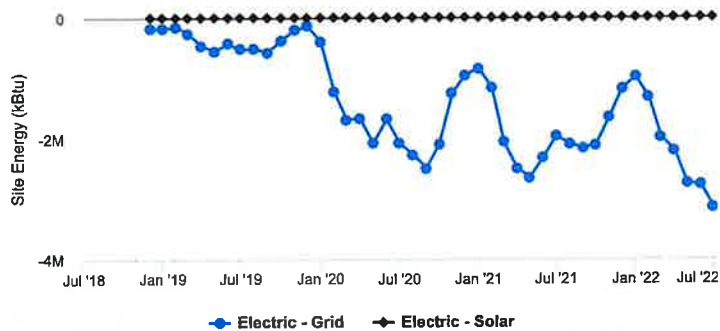
- ☒ Total energy consumption for your property
- ☐ Partial energy consumption for your property

Utility & Weather

Electric Distribution Utility (EDU):
Connecticut Light & Power Co

Regional Power Grid:
NEWE (New England)

Energy Use by Calendar Month (Not Weather Normalized)



(Chart current as of 01/18/2024 04:17 PM EST)

[Refresh Chart](#)

[Export Data by Calendar Month](#)

Meters - Used to Compute Metrics (8)

[Add A Meter](#)

[Change Meter Selections](#)

[View as a Diagram](#)

Meter Name Portfolio Manager Meter ID	Energy Type	Most Recent Bill Date	In Use? (Inactive Date)
DG LF Cost 141516952	Electric - Solar	08/26/2022	Yes
E-51500003391 DG LF 140918952	Electric - Grid	08/26/2022	Yes
E-51548219039 Jackson 140830904	Electric - Grid	12/14/2023	Yes
E-51815219084 Sherman 140830910	Electric - Grid	12/14/2023	Yes
E-51870439056 Sydney 140830903	Electric - Grid	08/18/2022	Yes
Jackson Cost 141516885	Electric - Solar	06/09/2023	Yes
Sherman Cost 141516945	Electric - Solar	06/17/2023	Yes
Sydney Cost 141516739	Electric - Solar	06/09/2023	Yes

[Download Annual Totals by Meter](#)