

TOWN OF GLASTONBURY

RPGL-2012-07

INSTALLATION OF PHOTOVOLTAIC SYSTEMS AND POWER PURCHASE AGREEMENT

ADDENDUM #1

Dated: 11/9/2011

The proposal due date remains unchanged.

Please be advised that the following addendum has been provided to all offerors:

This Addendum forms a part of the Contract Documents and modifies the original RFP Documents. Offerors shall acknowledge receipt of this Addendum in the space provided on the Bid Form.

This Addendum consists of eighteen (18) pages which includes three (3) drawings and one (1) aerial photo.

QUESTIONS AND ANSWERS

1. **Question:** Will the sign in sheets be available?
Answer: The sign in sheets are included in this addendum (Attachment 1).
2. **Question:** Will WPCA site and electrical plans be available?
Answer: Those plans are included in this addendum (Attachment 2).
3. **Question:** CEFIA has 250kW maximum size for their grant award. Do you want to use this or provide entire load at a different rate?
Answer: It was not anticipated that any of the locations would accommodate a system exceeding 250kW in size. If a system exceeding 250kW is proposed, the analysis and proposal shall address that portion of a system exceeding 250kW as a second system, even though the “pieces” may share common infrastructure.
4. **Question:** Are there any more recent solar studies than the 2006 reports referenced?
Answer: The solar studies provided with the RFP are the only ones available to the Town.
5. **Question:** Do you have locations for access points and equipment locations?
Answer: Those points and locations were available for review during the site visits conducted on October 27th and November 3rd.

6. **Question:** Will you be including proof of financial capacity for offerors?
Answer: Para. 8.5 of the RFP instructs proposers to include, in Section 5 of their proposals, financial information in sufficient detail to allow for evaluation of credit worthiness. No specific format for this information is prescribed.
7. **Question:** Are there working time restrictions?
Answer: Normal working hours are 7:30 AM to 4:00 PM. However, alternate work hours may be considered and are subject to approval by the owner. In some instances, such as a required electrical outage to schedule a connection, work outside normal working hours will be necessary.
8. **Question:** Does the CEFIA format for a PPA need to be used?
Answer: It is preferred. If an offeror proposes to use an alternate PPA, the proposal shall identify the differences between the CEFIA PPA and the proposed PPA and why the offeror feels the change is necessary.
9. **Question:** Are there restrictions on fencing/security?
Answer: Proposers shall identify in their proposals any fencing/security proposed and who shall provide it.
10. **Question:** Can trees be cut in the Town Hall – Academy area?
Answer: Proposers shall assume trees may not be cut.
11. **Question:** Is the Carson property (adjacent to and south of the wastewater treatment facility) available for use?
Answer: At this time, that property is not available for use. However, the Town would be interested in seeing a pro-forma analysis that would illustrate how use of that property would influence the business case, if proposers could provide. The available land areas for the wastewater treatment facility are shown on the Attachment 2 drawing and, also, on the aerial photo included with Attachment 2.
12. **Question:** Can you provide transformer information for each site?
Answer: We do not have information regarding the utility company transformers at each location.
13. **Question:** Is the “Total Cost” of electricity in Appendix A all inclusive? Specifically, does it include the cost of power and transmission? Could you also make power bills available?
Answer: The “Total Cost” of electricity shown is, actually, the transmission, distribution, and other fees and assessments cost on the CL&P bill. The Town purchases the generated portion of electricity from a separate vendor and that cost is not included in the Appendix A data. Currently, the Town uses a budget figure of \$0.17 per kWh as an “all in” rate for the purchase of delivered electricity. The usage figures included in the Appendix A data are actual usage. Attached are representative bills from CL&P for each of the three

facilities. All bills will be made available to the successful proposer, however, a summary of the usage data is included in Appendix A.

14. **Question:** Will you include the roof top resource at the high school or any of the other schools in Glastonbury?
Answer: Those resources are not available for this RFP. They will be considered for follow-on solicitations related to ZRECs and LRECS.
15. **Question:** Can you provide the energy usage data in Excel format on your website?
Answer: The energy usage data has been posted to the Town website in Excel format.
16. **Question:** Can you provide a recent bill for each of the three facilities?
Answer: See Q&A #14.
17. **Question:** Is the Town open to bid alternatives that would provide a substantial financial benefit to the Town?
Answer: An RFP format was pursued in order to allow flexibility for offerors to develop their proposals within the constraints of the CEFIA program requirements. The Town prefers a PPA with a solar provider and will be receptive to alternative approaches that provide value.

Attachment 1: Sign-in Sheets

Attachment 2: Site and one-line electrical plans for Wastewater Treatment Facility (3 sheets) and one aerial photo

Attachment 3: Representative utility company bill for each of the three locations

END OF ADDENDUM NO. 1

Offerors are responsible for acknowledging receipt of the addendum on the submitted bid form.

MANDATORY PRE-BID BIDDING SIGN-IN SHEET

BID NUMBER	GL-2012-07	BID NAME	Installation of Photovoltaic Systems & Power Purchase Agreement
			DATE
			Oct. 27, 2011 1:00 p.m.

PLEASE PRINT INFORMATION LEGIBLY

Firm: <u>Executive Electric LLC</u> Person Attending: <u>John Roderick</u> Address: <u>173 Reynolds Ave</u> City/State/zip: <u>Nimble CT</u>	Phone: <u>860 235 3976</u> Phone: <u>860 449 2729</u> FAX: <u>1860 510 1562</u>	Email Address: (Please print legibly) <u>executiveelectric@att.net</u>
Firm: <u>CEIS, Inc</u> Person Attending: <u>Scott Sullivan</u> Address: <u>811 Middle Street</u> City/State/zip: <u>Middlebury, CT 06489</u>	Phone: <u>860-682-1689</u> FAX: <u>860-632-1764</u>	Email Address: (Please print legibly) <u>SSULLIVAN@CEISINC.COM</u>
Firm: <u>Altus Power</u> Person Attending: <u>Ben Branham</u> Address: <u>one park ave</u> City/State/zip: <u>Old Greenwich CT 06870</u>	Phone: <u>203 517 4520</u> FAX: _____	Email Address: (Please print legibly) <u>ben.branham@altuspower.com</u>
Firm: <u>OPTEL Solar</u> Person Attending: <u>Michael Mount</u> Address: <u>3 Corporate Dr</u> City/State/zip: <u>Shelton, CT 06484</u>	Phone: <u>203 612-2366</u> FAX: _____	Email Address: (Please print legibly) <u>m.mount@optelinc.com</u>

MANDATORY PRE-BID BIDDING SIGN-IN SHEET

BID NUMBER	GL-2012-07	BID NAME	Installation of Photovoltaic Systems & Power Purchase Agreement	DATE	Oct. 27, 2011 1:00 p.m.
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PLEASE PRINT INFORMATION LEGIBLY

Firm: <u>Maetflee Solar</u> Person Attending: <u>Alishia Melendez</u> Address: <u>115 E. Putnam Ave.</u> City/State/zip: <u>Greenwich, CT 06830</u>	Phone: <u>(203)908-3636</u> FAX: _____	Email Address: (Please print legibly) <u>awest@maetflee3solar.com</u>
Firm: <u>Altus Power</u> Person Attending: <u>Heather Stone</u> Address: <u>One Park Ave</u> City/State/zip: <u>Old Greenwich CT 06810</u>	Phone: <u>203-698-0090</u> FAX: _____	Email Address: (Please print legibly) <u>heather.stone@altuspower.com</u>
Firm: <u>SOLAR CITY</u> Person Attending: <u>Brent Eskay</u> <u>Paul Abrini</u> Address: <u>319 Stewart Avenue</u> <u>Silver Spring, MD 20910</u> City/State/zip: _____	Phone: <u>240-997-9169</u> FAX: _____	Email Address: (Please print legibly) <u>RESTAY@SOLARCITY.COM</u> <u>PMOLW1@SOLARCITY.COM</u>
Firm: <u>Smart Energy Capital</u> Person Attending: <u>Mark Zastarin</u> Address: <u>50 Main St</u> City/State/zip: <u>White Plains, NY 10606</u>	Phone: <u>914-246-0447</u> FAX: _____	Email Address: (Please print legibly) <u>mark@smartenergycapital.com</u>

MANDATORY PRE-BID BIDDING SIGN-IN SHEET

BID NUMBER	GL-2012-07	BID NAME	Installation of Photovoltaic Systems & Power Purchase Agreement	DATE	Oct. 27, 2011 1:00 p.m.
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PLEASE PRINT INFORMATION LEGIBLY

Firm: <u>AMERICAN SOLAR BY ALTERNATIVE POWER</u> Person Attending: <u>BOB MCGONIGLE</u> Address: <u>102 SOUTHWIND LANE</u> City/State/Zip: <u>STAMFORD, CT 06902</u>	Phone: <u>203-314-1824</u> FAX: _____	Email Address: (Please print legibly) <u>Bobmgonigle@yahoo.com</u>
Firm: <u>AGGIS SOLAR ENERGY</u> Person Attending: <u>JONATHAN SANDERS</u> Address: <u>457 WOODLAND ST.</u> City/State/Zip: <u>SOUTH GLASTONBURY, CT 06070</u>	Phone: <u>810-614-3849</u> FAX: _____	Email Address: (Please print legibly) <u>JONATHAN @ AGGIS - SOLAR . COM</u>
Firm: <u>AGGIS SOLAR ENERGY</u> Person Attending: <u>TOM BANURA</u> Address: <u>81 SEWELL GREENS RD</u> City/State/Zip: <u>BRANFORD CT 06405</u>	Phone: <u>860-571-4384</u> FAX: _____	Email Address: (Please print legibly) <u>tom@aggis-solar.com</u>
Firm: <u>APYGA SOLAR</u> Person Attending: <u>DAVID WEINBERG</u> Address: <u>157 MILLSTONE ROAD GASTONBURY CT 06033</u> City/State/Zip: <u>GASTONBURY CT 06033</u>	Phone: <u>860-557-3895</u> FAX: _____	Email Address: (Please print legibly) <u>iconoguest81@gmail.com</u>

MANDATORY PRE-BID BIDDING SIGN-IN SHEET

BID NUMBER	GL-2012-07	BID NAME	Installation of Photovoltaic Systems & Power Purchase Agreement	DATE	Oct. 27, 2011 1:00 p.m.
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PLEASE PRINT INFORMATION LEGIBLY

Firm: <u>Premier Power</u> Person Attending: <u>Gentry Rouse</u> Address: <u>207 Moines RD</u> City/State/zip: <u>Germantown, NY 12526</u>	Phone: <u>917-446-1948</u> FAX: _____	Email Address: (Please print legibly) <u>grouse@premierpower.com</u>
Firm: <u>Tioga Energy, Inc</u> Person Attending: <u>Henry Labalme</u> Address: <u>290 Cream Hill Rd</u> City/State/zip: <u>W. Cornwall, CT 06796</u>	Phone: <u>(212) 674-3474</u> FAX: _____	Email Address: (Please print legibly) <u>hlabalme@tiogaenergy.com</u>
Firm: _____ Person Attending: _____ Address: _____ City/State/zip: _____	Phone: _____ FAX: _____	Email Address: (Please print legibly) _____
Firm: _____ Person Attending: _____ Address: _____ City/State/zip: _____	Phone: _____ FAX: _____	Email Address: (Please print legibly) _____

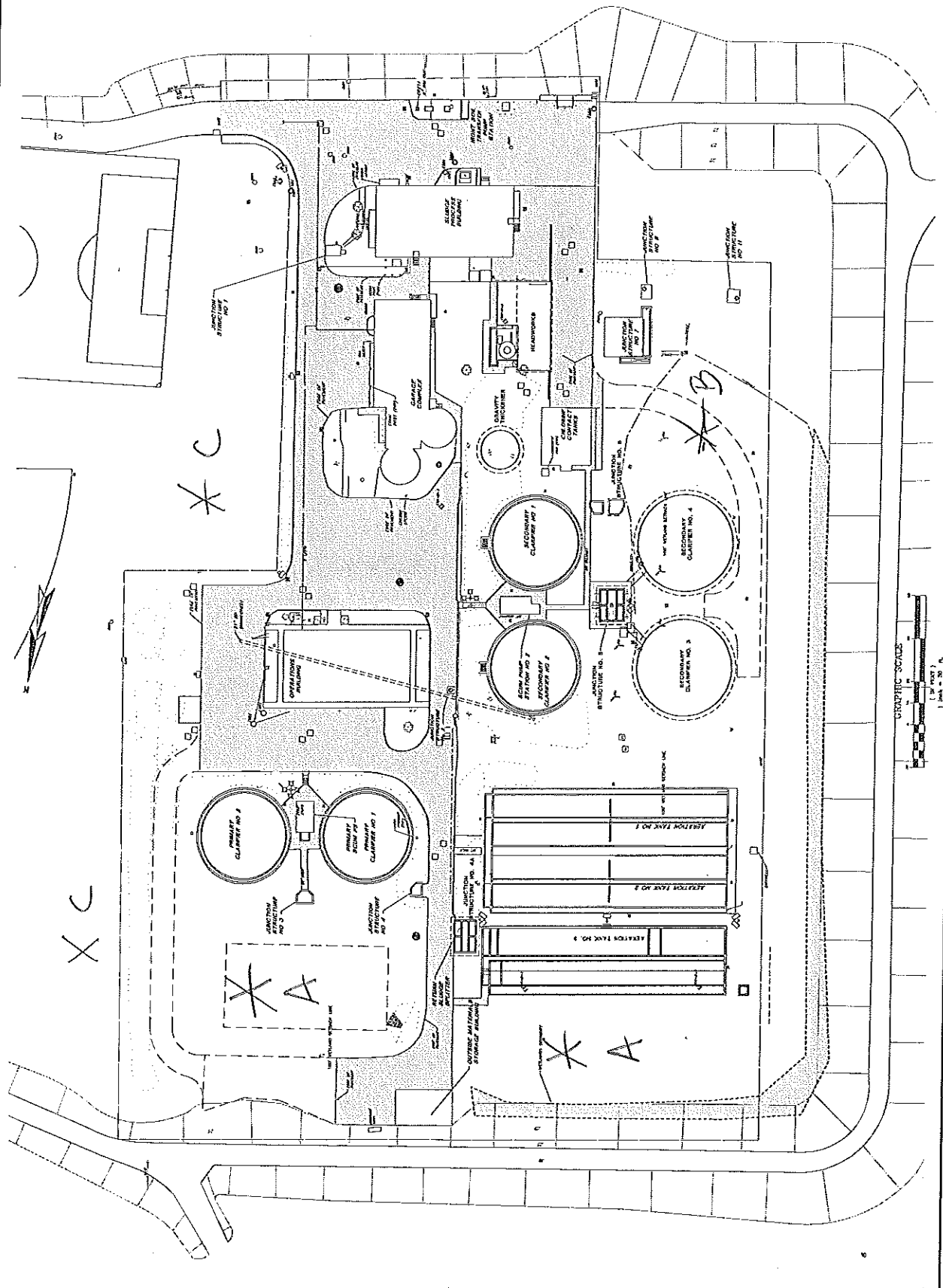
MANDATORY PRE-BID . SETTING SIGN-IN SHEET

BID NUMBER	GL-2012-07	BID NAME	Installation of Photovoltaic Systems & Power Purchase Agreement	DATE	Oct. 27, 2011 1:00 p.m.
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PLEASE PRINT INFORMATION LEGIBLY

Firm: <u>Ross Solar Group</u> Person Attending: <u>Stephan Hartmann</u> Address: <u>72 Grays Bridge Rd # 1C</u> City/State/zip: <u>Brookfield, CT 06804</u>	Phone: <u>203-464-8685</u> FAX: _____	Email Address: (Please print legibly) <u>Stephan@RossSolarGroup.com</u>
Firm: <u>Encon, Inc</u> Person Attending: <u>Alex Marregain</u> Address: <u>1265 Woodland Rd.</u> City/State/zip: <u>Stratford, CT 06615</u>	Phone: <u>203-375-5228</u> FAX: _____	Email Address: (Please print legibly) <u>AMARRIZOPULLA@ENCONHVAC.COM</u>
Firm: _____ Person Attending: _____ Address: _____ City/State/Zip: _____	Phone: _____ FAX: _____	Email Address: (Please print legibly) _____
Firm: _____ Person Attending: _____ Address: _____ City/State/Zip: _____	Phone: _____ FAX: _____	Email Address: (Please print legibly) _____

TOWN OF EASTONBURY, CONNECTICUT WATER POLLUTION CONTROL FACILITIES UPGRADE EXISTING SITE CONDITIONS AND DEMOLITION PLAN <i>White-Flora</i> <i>Office throughout East England</i> <i>www.white-flora.com</i>		DWG C-2 OF 247
1. DATE: 11-11-11 2. PROJECT: WATER POLLUTION CONTROL FACILITIES UPGRADE 3. SHEET: DWG C-2 OF 247 4. SCALE: AS SHOWN 5. DRAWN BY: J. B. [unreadable] 6. CHECKED BY: [unreadable] 7. APPROVED BY: [unreadable]	8. DATE: 11-11-11 9. PROJECT: WATER POLLUTION CONTROL FACILITIES UPGRADE 10. SHEET: DWG C-2 OF 247 11. SCALE: AS SHOWN 12. DRAWN BY: J. B. [unreadable] 13. CHECKED BY: [unreadable] 14. APPROVED BY: [unreadable]	15. DATE: 11-11-11 16. PROJECT: WATER POLLUTION CONTROL FACILITIES UPGRADE 17. SHEET: DWG C-2 OF 247 18. SCALE: AS SHOWN 19. DRAWN BY: J. B. [unreadable] 20. CHECKED BY: [unreadable] 21. APPROVED BY: [unreadable]



* A - FUTURE ADDITIONAL TANKAGE AREA
 * B - LIMITED ACCESS / POTENTIAL DAMAGE VANDALISM ROCKS FROM DIKE
 * C - POTENTIAL USE

NO.	DATE	DESCRIPTION
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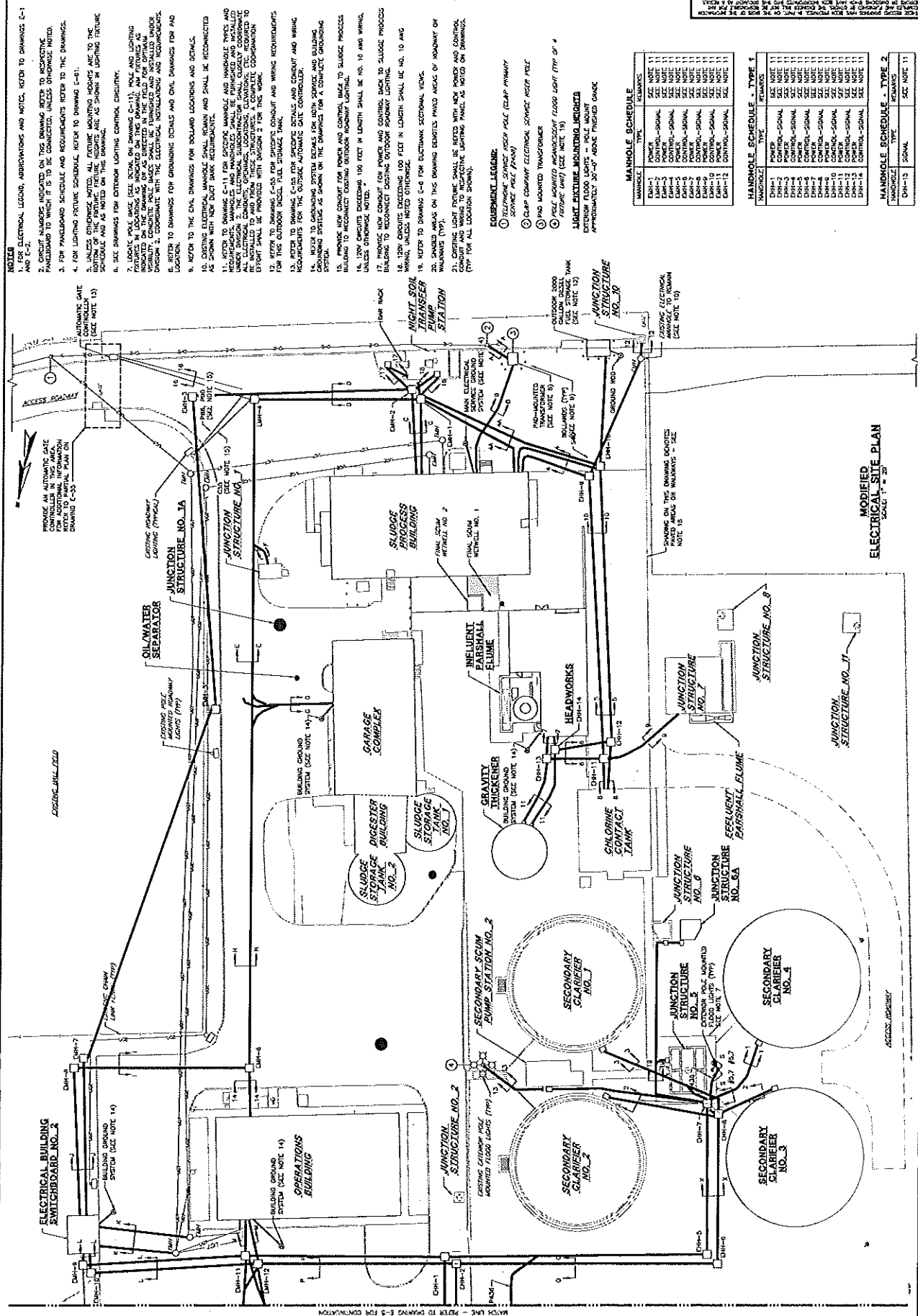
1. FOR ELECTRICAL LEGEND, ABBREVIATIONS AND NOTES, REFER TO DRAWINGS E-1 AND E-2.
 2. CIRCUIT NUMBERS INDICATED ON THIS DRAWING REFER TO APPROPRIATE PANELBOARD TO WHICH IT IS TO BE CONNECTED, UNLESS OTHERWISE NOTED.
 3. FOR PANELBOARD SCHEDULE AND REQUIREMENTS REFER TO THE DRAWINGS.
 4. FOR LIGHTING FIXTURE SCHEDULE, REFER TO DRAWING E-8.
 5. UNLESS OTHERWISE NOTED, ALL FIXTURE MOUNTING HEIGHTS ARE TO THE BOTTOM OF THE FIXTURE. FIXTURE HEIGHTS ARE AS SHOWN IN LIGHTING FIXTURE SCHEDULE AND AS NOTED ON THIS DRAWING.
 6. SEE DRAWINGS FOR EXTERIOR LIGHTING CONTROL CIRCUITRY.
 7. LOCATE POLE BASE (SEE DETAIL ON DRAWING E-11). POLE AND LIGHTING FIXTURE SHALL BE INSTALLED IN THE FIELD FOR OPTIMUM LIGHTING. THE DRAWING IS TO BE DIRECTED IN THE FIELD FOR OPTIMUM LIGHTING. THE DRAWING IS TO BE DIRECTED IN THE FIELD FOR OPTIMUM LIGHTING. THE DRAWING IS TO BE DIRECTED IN THE FIELD FOR OPTIMUM LIGHTING.
 8. REFER TO DRAWINGS FOR GROUNDING DETAILS AND CABLE DRAWINGS FOR PFD LOCATION.
 9. REFER TO THE CIVIL DRAWINGS FOR BOLLARD LOCATIONS AND DETAILS.
 10. EXISTING ELECTRICAL MANHOLE SHALL BE MAINTAINED AND SHALL BE RECONNECTED AS SHOWN WITH NEW DUCT BANK REQUIREMENTS.
 11. REFER TO DRAWING E-11 FOR SPECIFIC MANHOLE AND HANGAR TYPE AND MOUNTING DETAILS. ALL MANHOLES SHALL BE PROVIDED WITH RINGS AND RINGS SHALL BE PROVIDED WITH RINGS. ALL MANHOLES SHALL BE PROVIDED WITH RINGS AND RINGS SHALL BE PROVIDED WITH RINGS.
 12. REFER TO DRAWING E-11 FOR SPECIFIC MANHOLE AND HANGAR TYPE AND MOUNTING DETAILS. ALL MANHOLES SHALL BE PROVIDED WITH RINGS AND RINGS SHALL BE PROVIDED WITH RINGS.
 13. REFER TO DRAWING E-11 FOR SPECIFIC MANHOLE AND HANGAR TYPE AND MOUNTING DETAILS. ALL MANHOLES SHALL BE PROVIDED WITH RINGS AND RINGS SHALL BE PROVIDED WITH RINGS.
 14. PROVIDE NEW CONDUIT FOR POWER AND CONTROL, BACK TO SLUDGE PROCESS BUILDING TO RECONNECT EXISTING OUTDOOR ROADWAY LIGHTING.
 15. PROVIDE NEW CONDUIT FOR POWER AND CONTROL, BACK TO SLUDGE PROCESS BUILDING TO RECONNECT EXISTING OUTDOOR ROADWAY LIGHTING.
 16. 120V CIRCUITS EXCEEDING 100 FEET IN LENGTH SHALL BE NO. 10 AWG WIRING.
 17. 240V CIRCUITS EXCEEDING 100 FEET IN LENGTH SHALL BE NO. 10 AWG WIRING.
 18. 120V CIRCUITS EXCEEDING 100 FEET IN LENGTH SHALL BE NO. 10 AWG WIRING.
 19. REFER TO DRAWING E-8 FOR ELECTRICAL SECTIONAL VIEWS.
 20. SHOWN AREAS ON THIS DRAWING EXCEPT PAVED AREAS OF ROADWAY OR DRIVEWAY (V.P.).
 21. EXISTING LIGHT FIXTURE SHALL BE RETIED WITH NEW POWER AND CONTROL WIRING TO RECONNECT EXISTING LIGHTING PANEL AS NOTED ON DRAWINGS (V.P. FOR ALL LOCATIONS SHOWN).

MANHOLE SCHEDULE

MANHOLE NO.	TYPE	REMARKS
DH-1	POWER	SEE NOTE 11
DH-2	CONTROL-SIGNAL	SEE NOTE 11
DH-3	CONTROL-SIGNAL	SEE NOTE 11
DH-4	CONTROL-SIGNAL	SEE NOTE 11
DH-5	CONTROL-SIGNAL	SEE NOTE 11
DH-6	CONTROL-SIGNAL	SEE NOTE 11
DH-7	CONTROL-SIGNAL	SEE NOTE 11
DH-8	CONTROL-SIGNAL	SEE NOTE 11
DH-9	CONTROL-SIGNAL	SEE NOTE 11
DH-10	CONTROL-SIGNAL	SEE NOTE 11
DH-11	CONTROL-SIGNAL	SEE NOTE 11
DH-12	CONTROL-SIGNAL	SEE NOTE 11
DH-13	CONTROL-SIGNAL	SEE NOTE 11

HANDHOLE SCHEDULE - TYPE 1

HANDHOLE NO.	TYPE	REMARKS
DH-1	CONTROL-SIGNAL	SEE NOTE 11
DH-2	CONTROL-SIGNAL	SEE NOTE 11
DH-3	CONTROL-SIGNAL	SEE NOTE 11
DH-4	CONTROL-SIGNAL	SEE NOTE 11
DH-5	CONTROL-SIGNAL	SEE NOTE 11
DH-6	CONTROL-SIGNAL	SEE NOTE 11
DH-7	CONTROL-SIGNAL	SEE NOTE 11
DH-8	CONTROL-SIGNAL	SEE NOTE 11
DH-9	CONTROL-SIGNAL	SEE NOTE 11
DH-10	CONTROL-SIGNAL	SEE NOTE 11
DH-11	CONTROL-SIGNAL	SEE NOTE 11
DH-12	CONTROL-SIGNAL	SEE NOTE 11
DH-13	CONTROL-SIGNAL	SEE NOTE 11



HANDHOLE SCHEDULE - TYPE 2

HANDHOLE NO.	TYPE	REMARKS
DH-13	SIGNAL	SEE NOTE 11

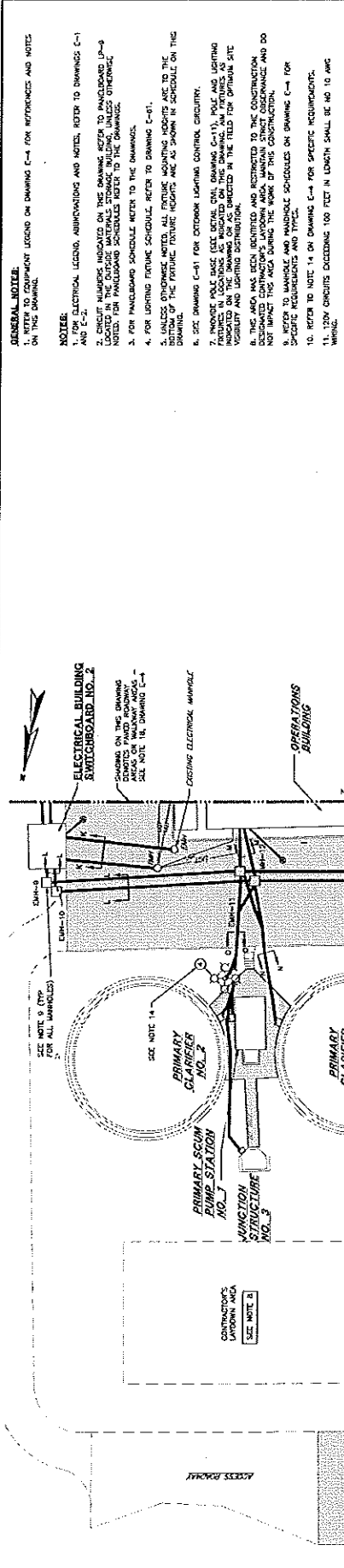
NO.	REV.	DATE	DESCRIPTION
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2			ISSUED FOR BIDDING
3			ISSUED FOR CONSTRUCTION
4			ISSUED FOR AS-BUILT

DATE	NO.	DESCRIPTION
10/20/00	1	ISSUED FOR PERMITS
11/15/00	2	ISSUED FOR BIDDING
01/10/01	3	ISSUED FOR CONSTRUCTION
03/20/01	4	ISSUED FOR AS-BUILT

Wright-Pierce
Office: 480 West 10th Street, Des Moines, IA 50319
Phone: 515-281-1100
Fax: 515-281-1101
www.wright-pierce.com

TOWN OF GASTONSBURY, CONNECTICUT
WATER POLLUTION CONTROL FACILITIES UPGRADE
ELECTRICAL SITE PLAN MODIFICATIONS AND DETAILS

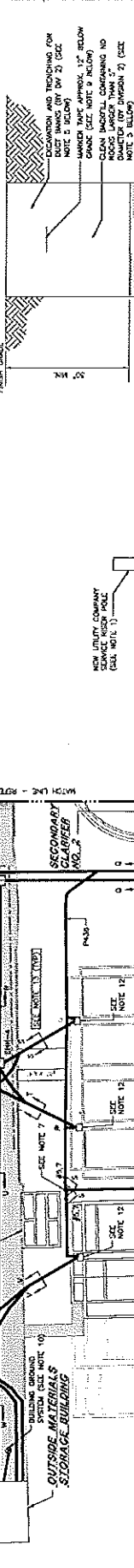
DWG E-5
170 OF 252



GENERAL NOTES:

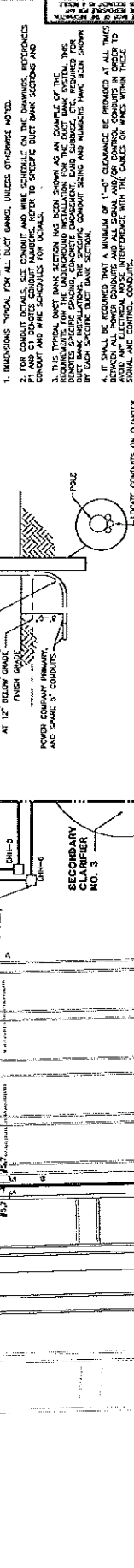
- REFER TO EQUIPMENT LEGEND ON DRAWING E-4 FOR REFERENCES AND NOTES ON THIS DRAWING.
- ALL ELECTRICAL LEGENDS, APPROXIMATIONS AND NOTES REFER TO DRAWINGS E-1 AND E-2.
- CONCRETE FOUNDATIONS SHALL BE INSTALLED AS SHOWN IN SCHEDULE ON THIS DRAWING. FOR FOUNDATION SCHEDULES REFER TO THE DRAWINGS.
- FOR LIGHTING SCHEDULES REFER TO DRAWING E-1.
- UNLESS OTHERWISE NOTED, ALL FUTURE MOUNTING HOODS ARE TO THE SCHEDULE ON THIS DRAWING.
- SEE DRAWING E-41 FOR OUTSIDE LIGHTING CONTROL CIRCUITRY.
- INDICATE ALL USES (SEE LEGEND) FOR MANHOLE NO. 11. THE LIGHTING FIXTURES IN LOCATIONS AS INDICATED ON THIS DRAWING SHALL BE INSTALLED AS SHOWN ON THE DRAWING OR AS DIRECTED IN THE FIELD FOR UTILITIES SITE VISITORS AND THE CONTRACTOR.
- THE AREA HAS BEEN SURVEYED AND ADJUSTED TO THE CONSTRUCTION DEPARTMENT'S LAYDOWN AREA, MANHOLE STREET CORRECTIONS AND DO NOT IMPACT THIS AREA DURING THE WORK OF THIS CONSTRUCTION.
- REFER TO MANHOLE AND MANHOLE SCHEDULES ON DRAWING E-4 FOR SPECIFIC REQUIREMENTS AND TYPES.
- REFER TO NOTE 14 ON DRAWING E-4 FOR SPECIFIC REQUIREMENTS.
- 120V CIRCUITS EXCEEDING 100 FEET IN LENGTH SHALL BE 16 10 AWG WIRE.
- ALL MANHOLE AND CONDUIT OF THIS DRAWING ARE SHOWN, REFER TO THE MANHOLE BANK ADDITION PLANS FOR SPECIFIC LOCATION AND REQUIREMENTS.
- REFER TO DRAWING E-4 FOR DUCTWALK SECTIONAL WORK.
- REFER TO EQUIPMENT LEGEND ON DRAWING E-4 FOR REFERENCES TO THIS EQUIPMENT INDICATED AND NOTED ON THIS DRAWING.

LIGHT FIXTURE MOUNTING HEIGHTS
OUTDOOR FLOOD LIGHTS - POLE MOUNT APPROXIMATELY 30'-0" ABOVE FINISHED GRADE



NOTES:

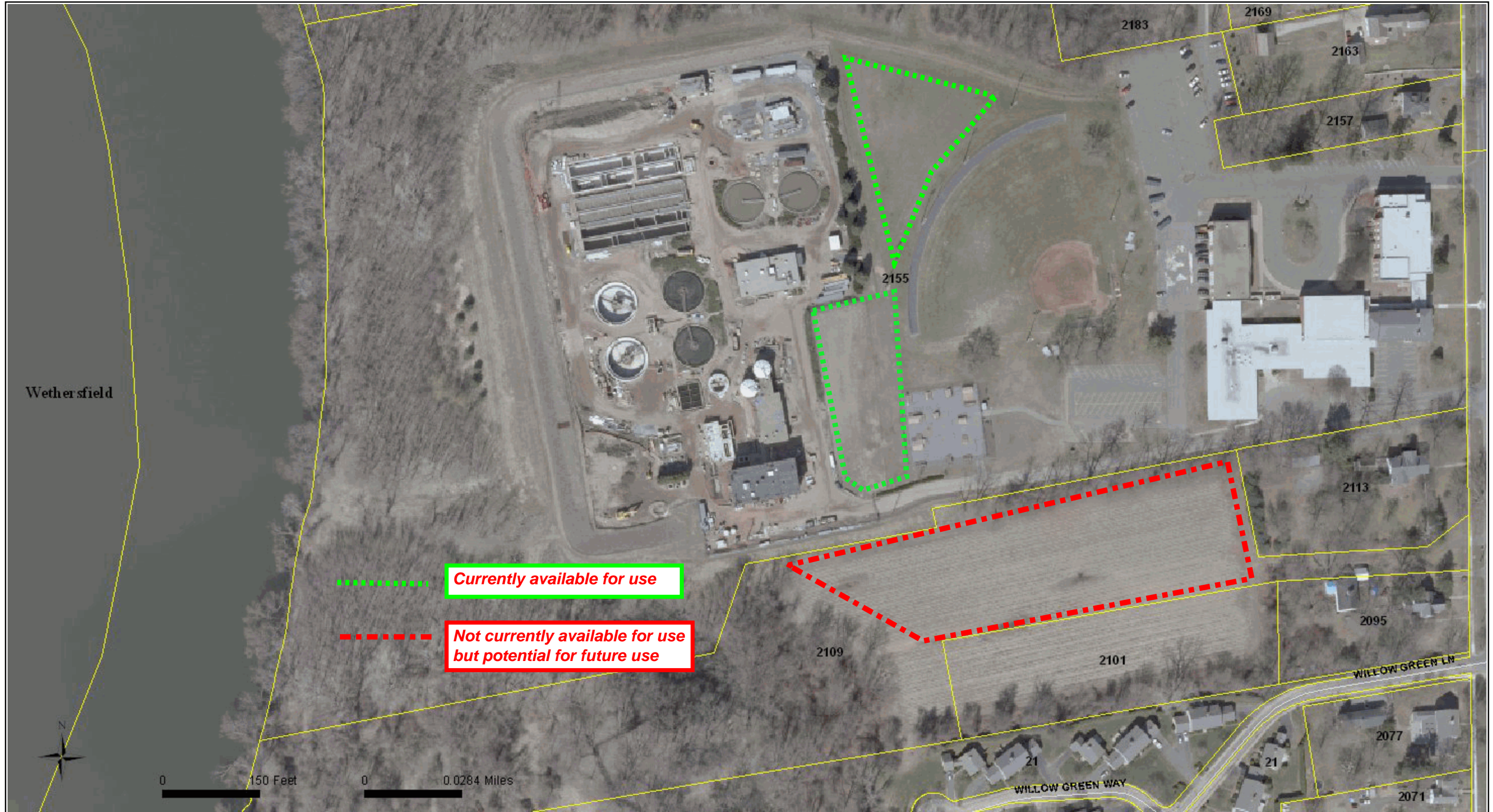
- INDICATIONS TYPICAL FOR ALL DUCT BANKS, UNLESS OTHERWISE NOTED.
- FOR CONDUIT DETAILS, SEE CONDUIT AND WIRE SCHEDULE ON THE DRAWINGS, REFERENCES TO CONDUIT AND WIRE SCHEDULES FOR DETAILS.
- THIS TYPICAL DUCT BANK SECTION HAS BEEN SHOWN AS AN EXAMPLE OF THE REQUIREMENTS FOR THE UNDERGROUND INSTALLATION OF THE DUCT BANK SYSTEM. THE DUCT BANK INSTALLATIONS, THE SPECIFIC CONDUIT SIZES AND MANHOLES HAVE BEEN SHOWN BY EACH SPECIFIC DUCT BANK SECTION.
- IT SHALL BE REQUIRED THAT A MINIMUM OF 1'-0" CLEARANCE BE PROVIDED AT ALL TIMES TO THE DUCT BANK SYSTEM FROM ANY EXISTING OR FUTURE STRUCTURES OR UTILITIES TO SIGNAL AND CONTROL CONDUITS.
- EXCAVATION, TRENCHING AND BACKFILLING SHALL BE FURNISHED AND INSTALLED UNDER DIVISION 2 OF THE CONTRACT.
- CONCRETE ENCASUREMENT SHALL BE FURNISHED AND INSTALLED UNDER DIVISION 3 OF THIS CONTRACT.
- PROVIDE 6 INCHES OF COMPACTED SAND BELOW ALL DUCT BANKS TO BE INSTALLED (TYP).
- REFER TO THE CONTRACT DRAWINGS FOR SPECIFIC DETAILS FOR CONCRETE ENCASUREMENT OF ELECTRICAL DUCT BANKS.
- INSTALL MANHOLES TO THE ENTIRE LENGTH OF EACH DUCT BANK.
- TYPICAL SPACING BETWEEN CONDUITS SHALL BE 3 INCHES UNLESS OTHERWISE NOTED.
- SEE NOTE 2 THIS SHEET FOR ADDITIONAL REQUIREMENTS.



NOTES:

- THE POWER COMPANY SHALL FURNISH AND INSTALL A NEW PRIMARY SERVICE ENCLOSURE FOR THE RISER POLE. THE LOCATION SHALL BE DETERMINED BY THE POWER COMPANY.
- SLURK ALL EXISTING CONDUITS BACK TOWARDS MANHOLES AND MANHOLES AT ALL TIMES FROM BUILDINGS OR STRUCTURES. REFER TO ELECTRICAL MANHOLE AND MANHOLE SCHEDULES FOR DETAILS. ALL EXISTING MANHOLES AND CONDUITS SHALL BE REMOVED UNDER DIVISION 1 OF THE CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MANHOLES LOCATING AND LOCATIONS BASED ON DIVISION 1 REQUIREMENTS. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

PRIMARY SERVICE RISER POLE DETAIL



See page 2 for Legend and full Disclaimer

11/10/2011



Glastonbury, CT

0000207



Connecticut Light & Power

The Northeast Utilities System

52/54
TOWN HALL / ACADEMY
JAN-3 11:12

TOWN OF GLASTONBURY TOWN HALL

Statement date: Dec 29, 2010
Customer name key: GLAS

Account number: 51004003083

Visit our website:
www.cl-p.com

For Emergency:
1-800-286-2000
24 hours a day, 7 days a week

For Customer Service:
1-800-286-2000 (860-947-2000 Hartford/Meriden)
Mon-Fri 7am-7pm and Sat 10am-3:30pm

Your Electric Supplier:
TRANSCANADA POWER MARKETING LT
110 Turnpike Rd
Suite 203
Westboro MA 01581
1-877-634-2928

To pay your bill electronically, please
visit our website or call 1-888-783-6618

Your account summary

Previous balance on Nov 29		\$2,396.15
Payment Dec 17	Kwh = \$	-\$2,396.15
Balance Forward	TH (52) 19060 =	\$1,219.58
New Charges/Credits	Arnd (54) 17300 =	1,106.97
Supplier Services		\$0.00
Delivery Services	36,360	\$2,350.00
Total new charges		\$2,350.00
Total amount now due		\$2,350.00
Payment due upon receipt unless other arrangements have been made.		- 23.45
		2326.55

For service at:
2155 MAIN ST, GLASTONBURY CT 06033-2282
Service reference: 558202004

Billing cycle: 17

Your meter reading for meter # 891787892

For billing period: Nov 26 - Dec 27 (31 days) Next read date on or about: Jan 25, 2011

Actual reading on Dec 27, 2010 on peak 1490
Actual reading on Nov 26, 2010 on peak - 1395

Difference = 95
Meter constant x 120

Billed usage = 11,400
Max On-Peak Demand: 88.90 kW

Actual reading on Dec 27, 2010 off peak 2988
Actual reading on Nov 26, 2010 off peak - 2780

Difference = 208
Meter constant x 120

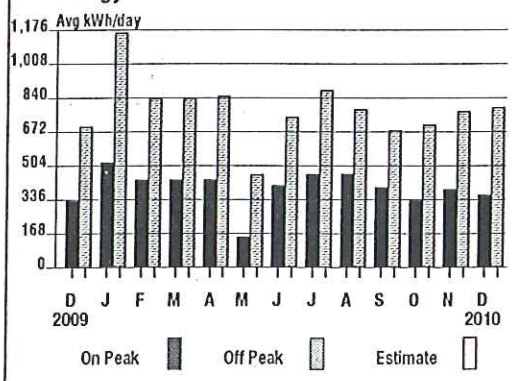
Billed usage + = 24,960
Max Off-Peak Demand: 101.40 kW

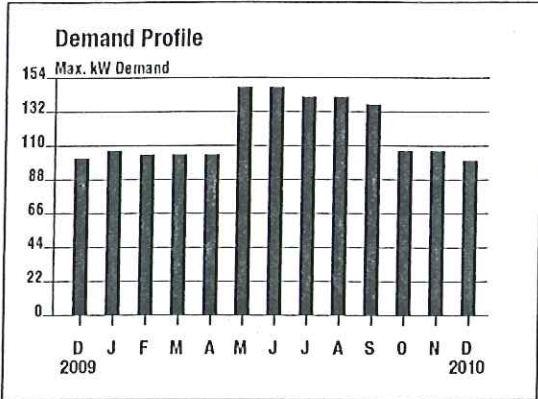
st. light = Kwh = \$
072 = \$23.45
total kwh 36,360

(continued on next page)

Compare your electricity usage
Average usage in Dec 2009 (32 F) 1057 kWh
Average usage in Dec 2010 (30 F) 1142 kWh

Energy Profile





Delivery Services Detail	DISTRIBUTION RATE: 035	
Prod/Trans Dmd Chrg	101.40KW x \$5.290000	\$536.41
Distr Cust Srvc Chrg		\$350.00
Distribution Dmd Chrg	148.30KW x \$5.420000	\$803.79
CTA Chrg per KWH*	36360.00KWH x \$0.002290	\$83.26
Prod/Trans CTA Dmd Chrg	101.40KW x \$2.740000	\$277.84
FMCC Delivery Chrg	36360.00KWH x \$0.002220	\$80.72
Comb Public Benefit Chrg**	36360.00KWH x \$0.005350	\$194.53

Total Delivery Services 52/54 split \$2,326.55

For billing period: Nov 29 - Dec 29 (30 days)

Service reference: 029302005

Billing cycle: 17

Delivery Services Detail	DISTRIBUTION RATE: 116	
27500 LUMEN HP SODIUM		Number of Lamps: 2
Allocated use for 30 days	(Nov 29 to Dec 29)	
Transmission Chrg	272.30KWH x \$0.012200	\$3.32
Distribution		\$14.06
CTA Chrg per KWH*	272.30KWH x \$0.015260	\$4.16
FMCC Delivery Chrg	272.30KWH x \$0.001720	\$0.47
Comb Public Benefit Chrg**	272.30KWH x \$0.005290	\$1.44

Total Delivery Services \$23.45

Service Account Messages

Distribution Demand based on ratchet

St. Light
only
54

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Connecticut Light & Power

The Northeast Utilities System

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WASTEWATER

2011 JAN -5 AM10: 23

TOWN OF GLASTONBURY

Statement date: Dec 30, 2010
Customer name key: GLAS

Account number: 51813764008

Your account summary

Previous balance on Nov 29	\$4,228.03
Payment Dec 10	-\$4,228.03
Balance Forward	\$0.00
New Charges/Credits	
Supplier Services	\$0.00
Delivery Services	\$4,509.67
Total new charges	\$4,509.67
Total amount now due	\$4,509.67

Payment due upon receipt unless other arrangements have been made.

For service at:

2149 MAIN ST, GLASTONBURY CT 06033-2282

Service reference: 106292009

Billing cycle: 17

Your meter reading for meter # 891790652

For billing period: Nov 26 - Dec 27 (31 days)

Next read date on or about: Jan 25, 2011

Actual reading on Dec 27, 2010 on peak

565

Actual reading on Nov 26, 2010 on peak

- 533

Difference

= 32

Meter constant

x 720

Billed usage

= 23,040

Max On-Peak Demand: 176.40 kW

Actual reading on Dec 27, 2010 off peak

1785

Actual reading on Nov 26, 2010 off peak

- 1678

Difference

= 107

Meter constant

x 720

Billed usage

= 77,040

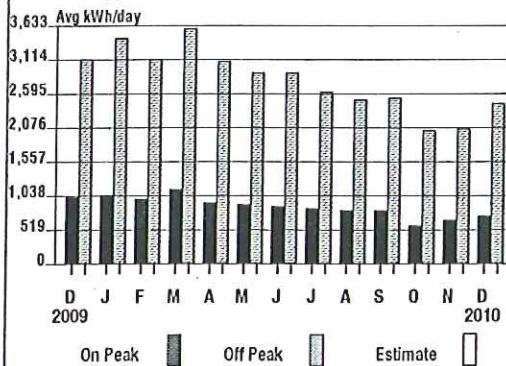
Max Off-Peak Demand: 184.30 kW

total kWh = 100,080. -

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Compare your electricity usage
Average usage in Dec 2009 (32 F) 4176 kWh
Average usage in Dec 2010 (30 F) 3228 kWh

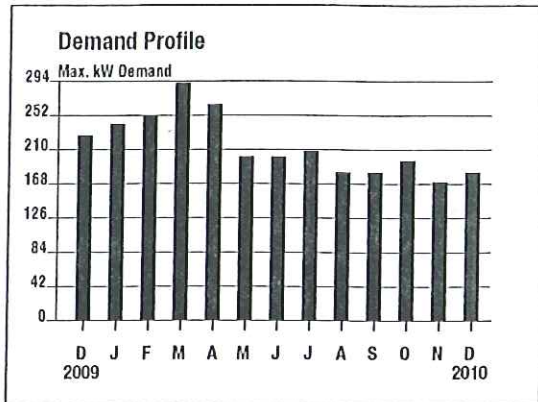
Energy Profile



On Peak

Off Peak

Estimate

**Delivery Services Detail**

		DISTRIBUTION RATE: 037		
Prod/Trans Dmd Chrg	176.40KW	x	\$2.650000	\$467.46
Trans Enrgy Chrg On-Pk	23040.00KWH	x	\$0.016170	\$372.56
Trans Enrgy Chrg Off-Pk	77040.00KWH	x	\$0.003700	\$285.05
Distr Cust Srvc Chrg				\$350.00
Distribution Dmd Chrg	293.80KW	x	\$5.420000	\$1,592.40
CTA Chrg per KWH On-Pk	23040.00KWH	x	\$0.002260	\$52.07
CTA Chrg per KWH Off-Pk	77040.00KWH	x	\$0.002260	\$174.11
Prod/Trans CTA Dmd Chrg	176.40KW	x	\$2.740000	\$483.34
FMCC Delivery Chrg On-Pk	23040.00KWH	x	\$0.004850	\$111.74
FMCC Delivery Chrg Off-Pk	77040.00KWH	x	\$0.001110	\$85.51
Comb Public Benefit Chrg**	100080.00KWH	x	\$0.005350	\$535.43

Total Delivery Services \$4,509.67

Explanation of your charges

*The Competitive Transition Assessment we collect is owned partly by CL&P Funding, LLC and partly by the State of Connecticut.

**The Combined Public Benefits Charge represents a combination of three charges formerly known as: "Conservation and Load Mgmt Charge, Renewable Energy Investment Charge, and Systems Benefits Charge."

***Effective January 1, 2007, the Generation Services Charge (GSC) and the Bypassable Federally Mandated Congestion Charge (BFMCC) have been combined into the "GSC Charge" listed in the Supplier Services section of your bill. The GSC reflects all of the cost of procuring energy from CL&P wholesale suppliers. The BFMCC portion of this line item is \$0.003/kWh. If you multiply this BFMCC rate by the number of kWhs on your bill, you can calculate the dollar amount associated with the BFMCC.

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0052316



**Connecticut
Light & Power**

The Northeast Utilities System

VEHICLE MAINT

2010 DEC 30 AM 10:56

TOWN OF GLASTONBURY BLDG & MAI

Statement date: Dec 23, 2010

Customer name key: GLAS

Account number: 51908792096

Visit our website:
www.cl-p.com

For Emergency:
1-800-286-2000
24 hours a day, 7 days a week

For Customer Service:
1-800-286-2000 (860-947-2000 Hartford/Meriden)
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1-877-634-2928

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Your account summary

Previous balance on Nov 23	\$120.22
Payment Dec 10	-\$120.22
<hr/>	
Balance Forward	\$0.00 ✓
New Charges/Credits	
Supplier Services	\$0.00
Delivery Services	\$309.61
Total new charges	\$309.61
<hr/>	
Total amount now due	\$309.61

Payment due upon receipt unless other arrangements have been made.

For service at: *Veh. Maint.*
2380 NEW LONDON TPKE, GLASTONBURY CT 06033

Service reference: 385202007 Billing cycle: 16

Your meter reading for meter # 890803342

For billing period: Nov 22 - Dec 22 (30 days)

Next read date on or about: Jan 24, 2011

Actual reading on Dec 22, 2010 2180

Actual reading on Nov 22, 2010 - 2086

Difference = 94

Meter constant x 40

Billed usage = 3,760

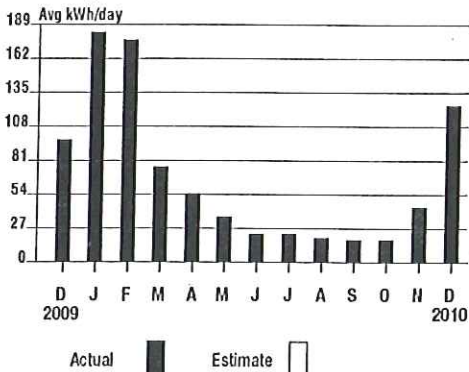
Total demand use: 15.40 kW

Compare your electricity usage

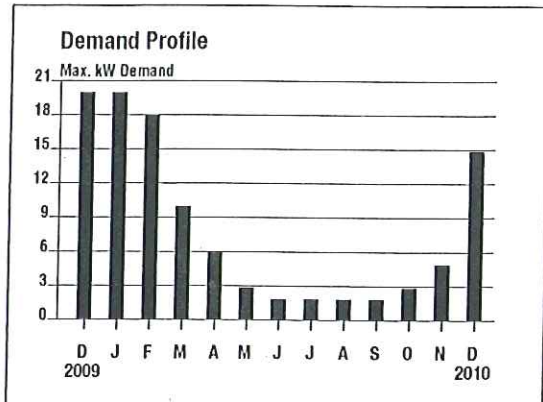
Average usage in Dec 2009 (32 F) 99 kWh

Average usage in Dec 2010 (30 F) 125 kWh

Energy Profile



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Delivery Services Detail		DISTRIBUTION RATE: 030		
Transmission Dmd Chrg	13.40KW	x	\$4.790000	\$64.19
Distr Cust Srvc Chrg				\$38.50
Distr Chrg per KWH	3760.00KWH	x	\$0.017800	\$66.93
Distribution Dmd Chrg	13.40KW	x	\$4.450000	\$59.63
CTA Chrg per KWH*	3760.00KWH	x	\$0.003350	\$12.60
CTA Demand Chrg*	13.40KW	x	\$2.860000	\$38.32
FMCC Delivery Chrg	3760.00KWH	x	\$0.002390	\$8.99
Comb Public Benefit Chrg**	3760.00KWH	x	\$0.005440	\$20.45
Total Delivery Services				\$309.61

Explanation of your charges

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