

NOTE CHANGE OF LOCATION

TOWN OF WALLINGFORD
PUBLIC UTILITIES COMMISSION
WALLINGFORD TOWN HALL
ROOM 315
45 S. MAIN STREET
WALLINGFORD, CT 06492

TUESDAY, MAY 18, 2021

6:30 p.m.

The Town of Wallingford, Public Utilities Commission meeting of **MAY 18, 2021** will take place **REMOTELY AS WELL AS IN PERSON**. It shall commence at 6:30 p.m. It is expected that the public will be permitted to comment on the Agenda Items as instructed by the Chairman. Materials for this meeting will also be posted on the Town's website for viewing prior to the meeting. The meeting can be accessed through:

<https://global.gotomeeting.com/join/246656437>

YOU CAN ALSO DIAL IN USING YOUR PHONE:

United States (Toll Free):1-866-899-4679
United States: 1-(571)-317-3116
Access Code: 246-656-437

AGENDA

1. Pledge of Allegiance
2. **Consent Agenda Items**
 - a. Consider and Approve Meeting Minutes of May 4, 2021.
3. Items Removed from Consent Agenda.
4. Discussion and Action: Director's Report for the Month of April 2021.

WATER/SEWER

5. Discussion and Possible Action: Customer Appeal – Monocchi.

6. Discussion and Action: Water – Budget Amendment – Standby Generators Wells 1 and 3 (FY 16 -17).
7. Discussion and Action: Water – Budget Amendment - Standby Generators Wells 1 and 3 (FY 17 - 18).
8. Discussion: WPCF Upgrades Project Update.

ELECTRIC

9. **PUBLIC HEARING – PROPOSED ELECTRIC RATES.**
10. Discussion and Action: Adoption of Proposed Electric Rates.

PUC

11. Correspondence
12. Committee Reports

PUBLIC QUESTION AND ANSWER PERIOD: 7:00 – 7:15 P.M.

Individuals in need of auxiliary aids for effective communication in programs and services of the Town of Wallingford are invited to make their needs and preferences known to the ADA Compliance Coordinator at 203-294-2070 five days prior to meeting date.

1 **DRAFT**

2 PUBLIC UTILITIES COMMISSION

3 WALLINGFORD TOWN HALL

4 ROOM 315

5 45 SOUTH MAIN STREET

6 WALLINGFORD, CT

7 Tuesday, May 4, 2021

8 6:30 P.M.

9 **MINUTES**

TOWN OF
WALLINGFORD

MAY 10 2021

DEPARTMENT OF
PUBLIC UTILITIES

11 **PRESENT:** Commissioners Patrick Birney and Joel Rinebold; Director Richard Hendershot;
12 Electric Division General Manager Tony Buccheri; Electric Division Business Office Manager
13 Marianne Dill; Water and Sewer Divisions General Manager Neil Amwake; Water and Sewer
14 Divisions Business Manager Brian Naples; Recording Secretary Bernadette Sorbo

15 **ABSENT:** *Chairman Robert Beaumont*

16 *Members of the public – Adelheid Koepfer (via teleconference); Krupa Modi (via*
17 *teleconference); Robert Berlepsch; Gail Berlepsch; Mayhew Seavey (via teleconference)*

18 Mr. Birney called the Meeting to order at 6:30 P.M., and the pledge of Allegiance was recited.

19 **1. Pledge of Allegiance**

20
21 **2. Consent Agenda**

- 22 a. Consider and approve Meeting Motion/Minutes of April 15, 2021
23 b. Consider and approve Meeting Minutes of April 20, 2021
24

25 **Motion to approve the Consent Agenda:**

26
27 **Made by: Mr. Rinebold**

28 **Seconded by: Mr. Birney**

29 **Votes: 2 ayes**

30
31 **3. Items Removed from Consent Agenda – None**

32
33 **4. Discussion and Possible Action: Water and Sewer Divisions: Customer Appeal**
34 **– Berlepsch**

35
36 Mr. Naples stated that on October 1, 2020 Mr. and Mrs. Robert Berlepsch received a \$591.75
37 Water and Sewer bill, which was significantly higher than previous bills. The customer's bill for

38 January 1, 2021 was \$826.39. When the reading was completed in December, 2020 the Water
39 and Sewer Divisions proactively reached out to the customer to inform the customer that the read
40 was very high and that there was a likely issue with internal plumbing. At that point the
41 customer reached out to a plumber who found that there was an issue with a leaking toilet. The
42 toilet was fixed and the customer's consumption went back to normal. As of May 4, 2021 the
43 customer's current balance is \$716.43. The customers reached out to the Water and Sewer
44 Divisions to see if there was anything that can be done to help pay down their high balance.

45

46 Mr. Berlepsch stated that the issue must have come from the upstairs leaking toilet.

47

48 Mr. Rinebold stated that he is thankful that the problem has been resolved but the water was used
49 and disposed. Mr. Rinebold advised that he would be supportive of a payment plan with zero
50 interest to help reduce the balance. The payment plan shall be a minimum monthly payment of
51 \$75.00 with no interest for 12 months for the outstanding balance of the October 1, 2020 and
52 January 1, 2021 bill amounts provided that the full amount is paid by May 31, 2022; and the
53 Berlepsch's remain current with future water and sewer bills. Mr. Robert Berlepsch and/or Mrs.
54 Gail Berlepsch shall contact the Water and Sewer Divisions Business Office within seven (7)
55 calendar days to enter into the payment plan. Failure by the Berlepsch's to arrange for the
56 payment plan within one (1) week or to remain current on their future water and sewer bills as
57 well as the above described monthly payments will void this motion, and at such time interest
58 will begin to accrue on any outstanding balance and Mr. and Mrs. Berlepsch may be subject to a
59 future lien(s).

60

61 **Motion to approve a payment plan for Mr. and Mrs. Robert Berlepsch of \$75.00/month**
62 **with no interest for 12 months, provided that the full amount is paid by May 13, 2022 and**
63 **the Berlepsch's account remains current.**

64

65 **Made by: Mr. Rinebold**

66 **Seconded by: Mr. Birney**

67 **Votes: 2 ayes**

68

69 **5. Discussion and Possible Action: Water and Sewer Divisions: Customer Appeal**
70 **- Wallack**

71

72 Mr. Amwake stated that on May 2014 the customer advised that they were moving to Vermont
73 and requested that bills be sent to a mailing address in South Burlington, Vermont. The
74 customer paid all bills on time from May 2014 until December 2019. The December 2019 bill
75 was unpaid and the first interest charges were incurred on January 1, 2020. The customer made
76 no further payments until February 24, 2021 when the customer paid the outstanding balance of
77 \$947.92 in full.

78

79 On December 22, 2020 the customer's bill with the South Burlington address was returned to the
80 Water and Sewer Divisions. On the envelope was a handwritten note that read "Addressee
81 Unknown, he has not been at this address for at least 2 years." On February 1, 2021 the Business
82 Office received a handwritten note from Mr. Wallack instructing the Water and Sewer Divisions
83 to stop sending mail to the Vermont address. Staff telephoned Mr. Wallack, who said that he is

84 no longer in Vermont and would send a written change of address request to the Water and
85 Sewer Divisions Business Office. On February 4, 2021 the Business Office received a written
86 note from Mr. Wallack requesting a change of mailing address. The mailing address was
87 changed in the Customer Information System at that time and the note from Mr. Wallack was
88 filed in the Customer Information System Correspondence folder.

89
90 On February 22, 2021 the customer telephoned asking that interest be waived because he was not
91 receiving the water and sewer bills. Assistant Business Manager Lawrence Regan told the
92 customer that the Divisions' protocol requires change of address requests in writing. The
93 customer claimed he sent the Water and Sewer Divisions a change of address request in 2018.
94 Staff checked the CIS Correspondence folder and did not find a change of address request from
95 2018. Mr. Regan also asked the customer why he did not contact the Division when he was not
96 receiving bills and the customer said because he had a lot of things going on. Mr. Regan told
97 him that the Division could not waive the interest charges. Mr. Wallack has paid all of the back
98 interest and currently has a zero balance on his account. The customer said he wanted to appeal
99 so he was directed to the PUC. Since then the issue has self-resolved and no further action is
100 warranted by the PUC regarding this matter.

101

102 **No Action Taken**

103

104 **6. Discussion and Action: Sewer Division – Wastewater Treatment Sludge**
105 **Transportation and Disposal Agreement Extension**

106

107 Mr. Amwake stated that 5 years ago one of his first assignments was to evaluate the Wastewater
108 Treatment Sludge Transportation and Disposal Agreement. At that time a thorough analysis was
109 completed as to where the Wallingford Wastewater Treatment Plant can dispose of its sludge.
110 There were 3 options: Synagro Northeast LLC, Veolia and the Metropolitan District. MDC
111 could not guarantee a 5-year contract, Veolia was inconsistent with their ability to take the
112 sludge in a timely manner, and Synagro had the strongest selling point which was that they have
113 backup facilities with transportation as well as disposal.

114

115 Mr. Amwake stated that the Sewer Division is looking for a 5-year extension that would begin
116 January 1, 2022 through December 31, 2026. Effective January 1, 2022 the combined
117 transportation and disposal rate shall be \$104.08 per wet ton, based on a solids content of
118 between 16% and 25%, with an average monthly percent solids of 17.5%.

119

120 Mr. Birney questioned, hypothetically, if the contract was for a term of 6 years and you utilized
121 the current agreements methodology to adjust the current price to the 2022 price what would
122 2022 price be aka the hypothetical 2022 price? Mr. Amwake stated that the 2022 price would be
123 based off of the Boston, Brockton, Nashua January 1, 2022. Mr. Amwake advised that he did
124 not have the Consumer Price Index (CPI) for January 2022 since it has not yet been published.
125 Therefore, Mr. Amwake did a 10 year look back and the average inflation in January was 4.68%
126 per year. Therefore, the 2022 hypothetical price would be \$100.88 per wet ton.

127

128 Mr. Birney questioned, assuming the actual January 2022 price of \$104.08 per wet ton is above
129 the hypothetical price what is the percentage increase from the hypothetical 2022 price to the
130 actual 2022 price?
131

132 Mr. Amwake stated that he compared the 2021 actual price to the 2022 actual price and there
133 was an 8.00% increase. Mr. Amwake then compared the 2021 actual price to the 2022
134 hypothetical price and the increase was 3.17%.
135

136 Mr. Birney questioned, per foot note 1 in the memorandum to the PUC mentions Torrington bid
137 prices, can you elaborate on the similarities between Wallingford and Torrington and why the
138 numbers in Torrington are compelling and strongly pervasive to support the adoption of the
139 extension?
140

141 Mr. Amwake stated that while Synagro was finalizing the proposed Amendment #2, the City of
142 Torrington put out a 3 year bid for their Sludge Transportation and Disposal. Torrington is also
143 undertaking a Tertiary Phosphorous Upgrade and they are about 9-12 months ahead of
144 Wallingford. Torrington has an activated sludge treatment process and a screw press. Torrington
145 dewater their sludge 22%-25% and Wallingford is at 18%-20%. Torrington went out on the
146 open market and bid a firm three-year contract. Two bidders submitted responses. The bid
147 prices were \$127.07 and \$133.00 per wet ton. Mr. Amwake stated that if he projected forward
148 taking Wallingford's actual January 2022 price of \$104.08 and then using the percent of 4.8 and
149 projecting forward to the mid-term of Torrington's 3-year contract he came up with
150 Wallingford's price of \$108.95 per wet ton, which would still be less than Torrington's bid price.
151 Mr. Amwake advised with only two bidders sludge transportation and disposal market is
152 constrained. It is note that a portion of the price with Synagro is insurance, per se. The FY21-22
153 Sewer Division budget includes the additional sludge that will be generated from the tertiary
154 phosphorous treatment process and carried a 10% budget increase, since at the time the 5-year
155 extension with Synagro had not yet been finalized.
156

157 Mr. Birney questioned, procedural can you confirm that the ability for the PUC to approve the 5-
158 year extension was contemplated by and made permissible by the December 13, 2016 bid
159 waiver?
160

161 Mr. Amwake stated that he had the same concern and had already asked this question to the
162 Department of Law. Janis Small stated that yes, procedurally PUC can. The bid waiver that was
163 endorsed by the PUC and passed by the Town Council in 2016 allowed the Sewer Division to
164 enter into agreement. The agreement is composed of the original five year term plus one 5-year
165 extension. The recommendation from the Sewer Division is to move forward with the Sludge
166 Transportation and Disposal Agreement Extension with Synagro Northeast LLC.
167

168 **Motion to authorize to enter into Transportation and Disposal Agreement Extension with**
169 **Synagro Northeast LLC for the period of January 1, 2022 to December 31, 2026.**
170

171 **Made by: Mr. Rinebold**
172 **Seconded by: Mr. Birney**
173 **Votes: 2 ayes**

174 **7. Discussion and Action: Sewer Division – Budget Amendment – Manhole Repair**
175 **and Lining – Maintenance Collection System**
176

177 Mr. Amwake noted that there are two separate motions for the Manhole Repair and Lining
178 agenda items. The first motion that is being requested to make and approve is to move money
179 from operating funds into retained earnings. There is then a second procedural motion to move
180 the money back out of retained earnings into the Sewer Division capital budget.

181
182 Mr. Amwake stated that since 2018 the Collections Crew of the Wallingford Sewer Division has
183 been performing sanitary sewer manhole assessments utilizing a form developed by the
184 Engineering Section. The impetus for development of the manhole Field Report was to assist the
185 Inflow and Infiltration Removal Program with identification of manholes requiring repair,
186 including manhole lining. In this manner, the Engineering Section and the WSD have taken a
187 data driven approach to identifying and prioritizing (ranking) sanitary sewer manholes that
188 should be repaired, focusing on sewersheds with high inflow or infiltration values. The
189 Engineering Section and Sewer Division leadership recently completed an update to the manhole
190 repair and lining specification. The scope of work included patching voids at pipe inlets, pipe
191 outlets and invert/bench interface; localized patching of walls, cones and joints; and installing a
192 geopolymer lining system where localized repairs are not sufficient; and bypass pumping as
193 applicable. Following multiple conversations amongst Engineering Section staff and with the
194 Water and Sewer Divisions Business Office this funding is better aligned as a capital budget item
195 based on the scope of work. Specifically, the majority of the funding will be spent on lining
196 multiple sanitary sewer manholes with the geopolymer liner. The geopolymer liner will extend
197 the lifespan of the rehabilitated manhole through improved structural integrity and will reduce
198 infiltration into the manhole, which will therefore provide a betterment to the functionality of the
199 manhole.

200
201 **Motion to amend the FY20-21 Sewer Division budget by reducing operating Account #461-**
202 **00673 (Maintenance Collection System) by \$30,000.00 through a corresponding increase in**
203 **the Appropriation to Retained Earnings (Cash) in the Use of Funds section of the budget.**

204
205 **Made by: Mr. Rinebold**
206 **Seconded by: Mr. Birney**
207 **Votes: 2 ayes**

208
209 **8. Discussion and Action: Sewer Division – Budget Amendment – Manhole Repair**
210 **and Lining – Collection System and Appurtenances**

211
212 **Motion to amend the FY20-21 Sewer Division budget by increasing capital Account #463-**
213 **00343 (Collection System and Appurtenances) by the amount of \$30,000.00 through a**
214 **corresponding increase in the Appropriation from Retained Earnings (Cash) in the Source**
215 **of Funds section of the budget.**

216
217 **Made by: Mr. Rinebold**
218 **Seconded by: Mr. Birney**
219 **Votes: 2 ayes**

220 **Public Question and Answer**

221
222 Ms. Koepfer referenced the Rate Generation Study from the workshop that was held a month
223 back, and questioned if the major change in the rates for the next 4-5 years is a small increase on
224 the residential side and a decrease for the other customer classes?

225
226 Mr. Hendershot stated that this is correct.

227
228 Ms. Koepfer questioned that one of the major reasons for the increase to the residential
229 customers is the cost's peak demand charge?

230
231 Mr. Buccheri stated that this is correct.

232
233 Ms. Koepfer questioned if the consultant was speaking about the Wallingford load shape or the
234 New England load shape?

235
236 Mr. Hendershot stated that the consultant was speaking about the Regional load shape as this is
237 the data he has.

238
239 Ms. Koepfer questioned if Wallingford is the same peak hour of the day?

240
241 Mr. Naples stated that Wallingford capacity costs are incurred based on the Regional peak
242 therefore it is what Wallingford is doing at the Regions peak hours.

243
244 Ms. Koepfer questioned if this is the best that can be done?

245
246 Mr. Seavey stated that it is not the best that can be done, but rather it is the correct way of
247 modeling. Wallingford is billed for capacity and transmission based on what the load in
248 Wallingford is during the hour of regional peak demand and does not matter whether or not you
249 have solar behind your meter it matters on what residential customers are doing at 6:00 PM
250 which is when the regional peak occurs. You get billed on what you are doing in the evening.
251 You do benefit from this as you are being billed for capacity and transmission.

252
253 Mr. Hendershot noted that the load forecast that was used as part of the basis for this cost of
254 service study and rate development indicates that wholesale power costs are projected to go
255 down over the next four years largely because of a decrease in capacity costs.

256
257 **Public Question and Answer Period Closed**

258
259 **9. Discussion and Action: Sewer Division – Budget Amendment – Security Camera**
260 **Server**

261
262 Mr. Amwake stated that in October, 2020 the security camera server used to monitor critical
263 Wallingford Public Utilities infrastructure catastrophically failed and needed immediate
264 replacement. The charges for the server replacement were billed in full to the Electric Division,
265 and the Electric Division has subsequently billed the Water Division for their share (37.5%) of

266 the server replacement. Because this server failure was unexpected, the replacement was not
267 budgeted for in the current fiscal year. As such the Sewer Division is requesting a budget
268 amendment of \$3,500.00 to Account #433-00397 to pay for the Water Division's share of the
269 security camera server replacement. Funds for this purpose will be made available through a
270 corresponding increase in the Appropriation from Retained Earnings (Cash) in the Source of
271 Funds section of the budget.

272
273 **Motion to amend the FY20-21 Water Division budget by increasing Account #433-00397**
274 **(Communication Equipment) by the amount \$3,500.00 through a corresponding increase in**
275 **the Appropriation from Retained Earnings (Cash) in the Source of Funds section of the**
276 **budget.**

277
278 **Made by: Mr. Rinebold**
279 **Seconded by: Mr. Birney**
280 **Votes: 2 ayes**

281
282 **10. Discussion and Action: Electric Division – Signatory Authorization – CEAP**
283 **Agreement**

284
285 Mr. Hendershot referenced the memorandum that was dated April 27, 2021 in regards to the
286 Connecticut Energy Assistance Program (CEAP). Mr. Hendershot stated that the staff of the
287 Wallingford Electric Division is requesting that the PUC give authorization to either the Director
288 of Public Utilities or the Electric Division General Manager to sign the Connecticut Energy
289 Assistance Program (CEAP) form. This form, which was forwarded by the State of Connecticut,
290 Department of Social Services, represents the yearly form required by said Department enabling
291 the WED to participate in any of the energy assistance programs administered by the State. In
292 prior years, the PUC authorized its Director to sign this agreement; however, it is Mr.
293 Hendershot's opinion that either the Director or the Electric Division General Manager be
294 signatories. The Commission may also wish to consider a second action at this time. As this
295 form is submitted yearly, the Commission may authorize the Director or General Manager to
296 sign any future agreements without seeking annual authorization from the PUC. This would
297 eliminate the need to place this item on the agenda each year.

298
299 **Motion to authorize the director or the Electric Division General Manager to sign the**
300 **CEAP Agreement**

301
302 **Made by: Mr. Rinebold**
303 **Seconded by: Mr. Birney**
304 **Votes: 2 ayes**

305
306 **11. Discussion: Electric Division Workshop - Proposed Rates**

307
308 Mr. Buccheri advised that this workshop is for the proposed rates over the next four years. The
309 rates were developed with two broad objectives in mind. These objectives are:

- 310 1. To ensure that revenues were adequate to cover expenses over the long term

311 2. To move to rates of return, across all customer classes, that are more equitable and
312 reflective of industry norms.
313 PLM performed a Historic Test Year Cost of Service Study using Fiscal Year 2019 as the test
314 period. The purpose of this study was to determine how the present rates are performing, both in
315 terms of overall adequacy of the rates and in terms of the rates of return produced by each
316 individual customer class. The historic test year model is also used to test the accuracy of the
317 computer model in calculating the revenues produced by the existing rates, so that the same
318 model can be used to predict the revenues that will be produced by new rates. FY2019 was
319 chosen as the test period because it did not reflect the impact of Covid19 on sales and therefore
320 was hoped to be more representative of the study period post-pandemic. This methodology
321 allocated costs to each rate class and compared actual revenues from each class to allocated costs
322 to determine rates of return to each rate class. These rates of return differ significantly from
323 those reported in the previous cost of service study. This is partly due to differences in the
324 allocation factors used for purchased capacity and transmission in this study compared with the
325 previous study, as well as a shift in regional transmission usage patterns brought about by the
326 large amount of new solar generation in New England. Solar generation reduces the demand for
327 electricity during the middle of the day which causes the peak demand to occur later in the day,
328 typically around 6 PM. Residential customers contribute a larger share of the peak demand when
329 it occurs later in the day, and current rates do not collect enough revenue to cover the higher cost
330 of the capacity and transmission attributable to residential customers.

331
332 Mr. Rinebold stated that he is supportive of the document. The document addresses the fact that
333 Wallingford continues to invest in the lowest Energy Electric Rates in the State. This is not by
334 coincidence, it is by understanding the revenue requirements. Mr. Rinebold stated that this
335 document reinforces that Wallingford wants to keep the rates low.

336
337 Mr. Birney echoes Mr. Rinebold's statement and thanks Mr. Naples for all of his hard work.

338
339 Mr. Hendershot praised Mr. Mayhew and PLM for the approach.

340
341 **12. Discussion and Action: Electric Division – Set Date for Public Hearing –**
342 **Proposed Electric Rates**

343
344 Mr. Buccheri stated that the Electric Division would like to have the Electric Rates effective for
345 July 1, 2021. In order to meet this date, a Public Notice of any revised rates needs to be
346 published in the paper for an entire month before July 1, 2021. The proposal being put forward
347 is to schedule a public hearing on May 18, 2021 at the next regular scheduled PUC meeting.

348
349 **Motion to set the date for the Public Hearing regarding the Electric Rates to May 18, 2021**

350
351 **Made by: Mr. Rinebold**
352 **Seconded by: Mr. Birney**
353 **Votes: 2 ayes**

354
355
356

357
358
359
360
361
362
363
364
365
366
367
368
369
370
371
372
373
374
375
376

ADJOURNMENT

Motion to adjourn

Made by: Mr. Rinebold

Seconded by: Mr. Birney

Votes: 2 ayes

The meeting was adjourned at approximately 7:30 p.m.

Respectfully submitted,

Respectfully submitted,

Bernadette Sorbo
Recording Secretary

Joel Rinebold
Secretary



Town of Wallingford, Connecticut

RICHARD HENDERSHOT
DIRECTOR

DEPARTMENT OF PUBLIC UTILITIES
100 JOHN STREET
WALLINGFORD, CONNECTICUT 06492

TELEPHONE 203-284-4016
FAX 203-294-2267

DIRECTOR'S REPORT April 2021

DIRECTOR'S OFFICE/DEPARTMENT-WIDE

All three Divisions continued with their modified work practices in response to the COVID-19 pandemic. Employees are being kept separated as much as possible and everyone is wearing a mask or face covering in the workplace per rules issued by the CT DECD. The public may access the Customer Service windows in both buildings, so long as they wear a mask/face covering and follow the prescribed social distancing requirements. Non-payment shutoffs and field-collections continued in the Electric Division. The Water Division has resumed performing a limited number of tasks inside customer premises.

April 6, participated in a conference call with FEMA regarding the Town's claims from Tropical Storm Isaias.
April 7 and 23, participated in WED meetings regarding the Cost of Service Study and proposed revised electric rates.
April 8 and 22, participated in contract negotiations with the Water Union.
April 12 and 15, Town Council budget meetings on the Utilities' Budgets.
April 13 and 29, in-house meetings regarding the Smart Charge New England/Wallingford Electric Vehicle Charging and Data Gathering Program.
Several other meetings and conference calls regarding the topic of the April 15 Executive Session.

ELECTRIC DIVISION

SmartCharge New England Program

The WED has begun substantive efforts regarding this Electric Vehicle (EV) charging program. Work has begun to develop the messaging that will be used to (hopefully) obtain 25 WED customers to volunteer to have their EV's or plug-in hybrid vehicles monitored so that WED may learn about the EV charging behavior of its customers. Data gathered by this program will help inform the WED about how best to prepare for and manage what is expected to be a growing use of the electric distribution system.

Cost of Service Study, Financial Forecast, Revised Rates

Workshops with the PUC were held on March 29 and May 4, to review and discuss proposed revised rates. A Public Hearing on the proposed new rates will be held on May 18. At that time, the PUC is scheduled to vote on whether or not to adopt the proposed new rates. If adopted, the new rates will be published in a local newspaper by May 31, so that they may go into effect on July 1.

Wallingford Renewable Energy ("WRE") Solar-PV Interconnection

The WED was able to energize WRE, on January 8, for the purpose of testing and confirming WRE's revenue metering. This effort by WRE is still underway. This status is unchanged over the past two months.

Primary URD Replacements

Ashlar Village has performed the necessary surveying work so that proper easements can be developed. WED is finalizing easements prior to completing design, which will include ordering new transformers.

Pad-mounted Transformers

Bids for the replacement transformers have been received and awarded; delivery is anticipated in June, but vendors continue to push out delivery dates. Once the Distribution Technician position is filled, all remaining un-inspected units will be inspected.

Service work during April included four (4) new services, nine (9) service changes, and one (1) retired service.

Streetlight work included 126 LED streetlight conversions and 30 streetlight repairs. To date, 3,600 LED streetlights have been installed, with 1,035 HPS streetlights remaining to be replaced.

During April, 12 poles were replaced, along with four (4) aged overhead transformers. Also, three (3) new poles were set.

As of the end of the month, 82 A-base meter installations have been updated, three (3) have been removed, and 210 remain to be addressed.

Personnel

The Division has identified a possible Meter Technician Apprentice, but first wants to complete the effort of searching for a qualified journeyman Meter Technician before moving to hire an Apprentice.

The Division is working to hire two new System Operators. One conditional offer has been made and was eventually declined. Both of the vacant positions will be re-posted.

The new Business Office Manager began work on April 19.

The vacant Assistant Office Manager position has been filled with an internal candidate. This promotion has created a new vacancy, for an Accountant I, and the Division has begun the process of working with HR to fill this vacancy.

The new Energy Efficiency and Conservation Specialist began work on April 19.

A Candidate's list to fill the vacant Account Clerk position has been developed. Interviews are finished and a preferred candidate will start work on May 17.

The Division has identified a preferred candidate for the vacant Distribution Technician position, who has accepted our offer and cleared all conditions, and will begin work on May 17.

The Division continues to work with HR to address the vacant Customer Service Representative position. Two candidates were offered the position and each declined the offer.

Electric System Metrics

System input for April totaled 40,598-MWh, which is a decrease of 2.1% from April of 2021. Maximum system demand for the month was 72,331 MWs. This value is 2.8% lower than the peak demand from April 2020.

Average System Availability Index ("ASAI") for March was computed at 99.9988%. Monthly values for the other tracked indices are as follows below.

SAIDI (System Average Interruption Duration Index):	0.5024 minutes
SAIFI (System Average Interruption Frequency Index):	0.0079
CAIDI (Customer Average Interruption Duration Index):	93.9 minutes

March Wholesale Power Supply

The percentage of the WED's total energy hedged was 92.1%. The forecasted hedging level for March was 90.3%.

WED's all-in purchased power costs per MWh:

- March actual = \$84.91
- 2019/2020 FY budget forecast (1/15/19) for March = \$87.39
- Prevailing six-month average PCA forecast (1/1/21 – 6/30/21) = \$85.70

WED's generation cost per MWh:

- Average cost for hedged volume = \$40.86
- Average cost for total volume = \$41.20

WATER DIVISION

There were two (2) service leaks during April and no (0) main breaks.

Water Main Replacements Design drawings and specifications for water main replacement Contract 37 are complete, and have been supplied to Purchasing. Drawings and specifications for the water main replacements and repairs under the Main Street Bridge and the Church Street Bridge ("pipes on bridges") remain approximately 95% complete, and the project will be advertised in later this spring, for award mid-summer (no change).

Water Tank Painting The bid for procuring a consultant for this effort is complete and has been sent to Purchasing for advertising and bidding (same as last month)

Ulbrich Reservoir Engineering Study A consultant has been retained for this effort, and staff has provided requested information.

Personnel

The Division is working with HR to fill a vacant Maintainer I position. During April interviews took place, and on May 3 an offer was extended to the preferred candidate.

Water Division Metrics

Water production for April totaled 90.746-million gallons, an increase of 3.91% from April 2020.

Reservoir storage at month's end was at 97.4% of total effective impoundment. The historical average for April is 94.5%.

Precipitation for the month totaled 2.92 inches, which is 1.33 inches below the historical average for April. Precipitation so far in 2021 is 12.35 inches, which is 4.06 inches (24.76%) below the historic mean for the first four months of the year.

SEWER DIVISION

Sewer Division staff responded to and resolved a total of 13 WWTP alarms, collection system trouble calls and vehicle issues during April.

I-91 Pump Station and Force Main Staff has begun preliminary design efforts and associated research.

4,384 liner feet of sewer main were relined during the month, completing the sewer lining work for fiscal 2020-2021.

WPCF Upgrades Project

Staff will next provide a written update of the status of this effort for the PUC meeting on May 18, 2021.

While no sewer lines were televised during April, staff flushed 13,300 feet of sewer lines.

Staff performed nine (9) manhole inspections during April.

Personnel

Efforts to fill the vacant MRT I position continued, with the process resulting in a preferred candidate accepting a job offer with a planned starting date of May 17.

Two additional (new employees) Laborers are also scheduled to begin work on May 3 and May 24, respectively. This is the result of the Division not being able to identify qualified Attendant I candidates.

On April 21, HR provided the Division with a candidates list for the vacant position of Assistant Superintendent. Interviews are being scheduled.

The Division is also advancing efforts to fill a vacant Clerk Typist II position. Interviews are scheduled for mid-May.

Wastewater Division Metrics

At the Wastewater Treatment Plant, the average daily flow during April was 5.58-MGD, which is 25% less than the average daily flow of April 2020. The 12-month rolling average daily flow is 4.91-MGD, which is below the 90% permit threshold of 7.2-MGD.

Nitrogen discharge for the month averaged 434 pounds per day. The level for April 2020 was 538 pounds per day, and the permit level is 269 pounds per day. The annual average so far is 537 pounds per day.

Seasonal phosphorus removal began in April. For the month the average discharge was 0.93 mg/L, compared to 0.51 mg/L during April 2020. The permit level is 0.70 mg/L.

Private Side I/I Mitigation Program

During April, correspondence and inspections remained suspended due to the pandemic.

Respectfully submitted,



Richard Hendershot
Director – Public Utilities

RAH/kaw
RAHCorrespondence/director's report/Directors

WALLINGFORD ELECTRIC DIVISION

MARCH

PRESENTED ON MAY 4, 2021

TABLE OF CONTENTS:

Table 1 Wallingford's Monthly Power Cost Actual vs Budget and Demand bidding results	2
Table 2 Wallingford's Portfolio Summary	7
Figure 1 WED Daily Hedged Percentages.....	4
Figure 2 Daily and 10-day Moving Average Henry Hub and Algonquin Gas City Gate Prices.....	5
Figure 3 Daily and 10-day Moving Average HE 1-7, 24 and HE 8-23 MA Hub LMP	5
Figure 4 Daily Cost of WED Open Position.....	6

ITEM NO. 4-5
PUC AGENDA 5/18/21

HEDGING RESULTS DISCUSSION

This memorandum summarizes the actual results for March from a portfolio hedging perspective. The analysis and statistics provided exclude the market price load for NuCor. While there is some market discussion involved to frame the spot market purchasing results, this is not intended to be a full settlements discussion, but rather to pick up on key aspects of the hedging policy including:

1. Hedge coverage levels
2. Market risk tolerance to and impact of spot market purchases
3. Locational price impacts to WED – congestion or LMP spreads
4. Treatment of unit contingent resources

In sum, the positions and approach for the month were in accordance with WED's Hedging Policy. The impact of the costs of the open position will inform hedging decisions going forward.

WED Power Cost Actual vs Budget		
Mar-21		
a	Forecast Load MWH on 1/15/20	47,066
b	Actual Load MWH	44,820
c	Load Forecast Accuracy %	-4.8%
d	Total Energy Cost Ave \$/MWH	\$ 41.20
e	1/15/20 Projected Total Energy Cost Ave \$/MWH	\$ 43.41
Metric 1		
	DA Net Forecast Deviation % (Absolute Value)	3.87%
1.a	MWH Purchased in Real Time (DA forecast < Actual Load)	863
1.b	DA Net Forecast Deviation (of Total Load)	1.9%
1.c	MWH Sold in Real Time (DA Forecast > Actual Load)	(879)
1.d	DA Net Forecast Deviation (of Total Load)	-2.0%
Metric 2		
2.a	% Hedged (Total Resources/Load)	92.1%
2.b	% Hedged Forecasted (Forecasted Resources/Forecasted Load) on 2/12/21	90.3%
2.c	Average Energy Cost of Hedged Load (includes NYPA Capacity & Transmission)	\$ 40.86
Metric 3		
3.a	Cost of Hourly Short Position (\$/MWH)	\$ 43.77
3.b	MWH	3,570
3.c	Cost (Short MW * DA LMP @ HUB)	\$ 156,260.94
Metric 4		
4.a	Basis \$/MWH for Resources purchased at HUB/Roseton node	\$ 3.20
4.b	Total Energy Purchased MWH	2,789.15
4.c	Locational Spread Cost (+)/Benefit (-)	\$ 8,918.70
Metric 5:		
5.a	Value of Hourly Long Position (\$/MWH)	\$ (22.82)
5.b	MWH	(44.21)
5.c	Cost (-)/Benefit (+) (Long MW *(Ave Purchase \$ - DA LMP @ HUB))	\$ (1,008.68)

Table 1 Wallingford's Monthly Power Cost Actual vs Budget and Demand bidding results

* All information provided excludes the MWH consumption and the pass-through costs for the market NuCor special market contracts.

Actual versus Projected Total Energy Cost

Actual load came in 4.8% less than the monthly projection from January 15, 2020. Actual average of the total energy cost per MWH was 5.09% less than projected total Energy cost from the January 15, 2020 budget.

Overall Load Coverage

WED's Hedging Policy calls for between 80 and 100% of its energy requirements to be hedged for the current quarter, and there is a threshold limiting WED from being long on energy on a must-take basis by more than 5% of its monthly native load requirements. Beyond that point, ENE is required to provide a report to WED describing the situation and the net impacts to WED.

WED's resources consist of NYPA, blocks and the load following purchases with PSEG, Exelon, EDF, and Shell. All the bilaterals settle at the CT zone.

The hedged position for the month was 92.1% (does not include Pierce), and daily load coverage ranged between 84.7% and 100.7%. The forecasted hedged position from February 12, 2020 monthly projection was 90.3%.

The energy load following purchases WED made in its own name provides specific percentages of WED's hourly load requirements less the market price load. WED has also made some block bilateral purchases. Thus, on colder days as WED's load increased the load follow purchase volumes increased while the fixed block energy purchases remained constant volume, leading to lower hedged percentages on those days. The opposite will occur on milder temperature, lower load days.

WED's load forecast model, which is utilized for demand bidding, performed within an average absolute value percent of a 3.87% error rate for the month. This resulted in 16.21 MWH of WED's load being sold in the real-time market.

* All information provided excludes the MWH consumption and the pass-through costs for the market NuCor special market contracts.

Page 3
ITEM NO. 21-7
PUC AGENDA 5/18/21

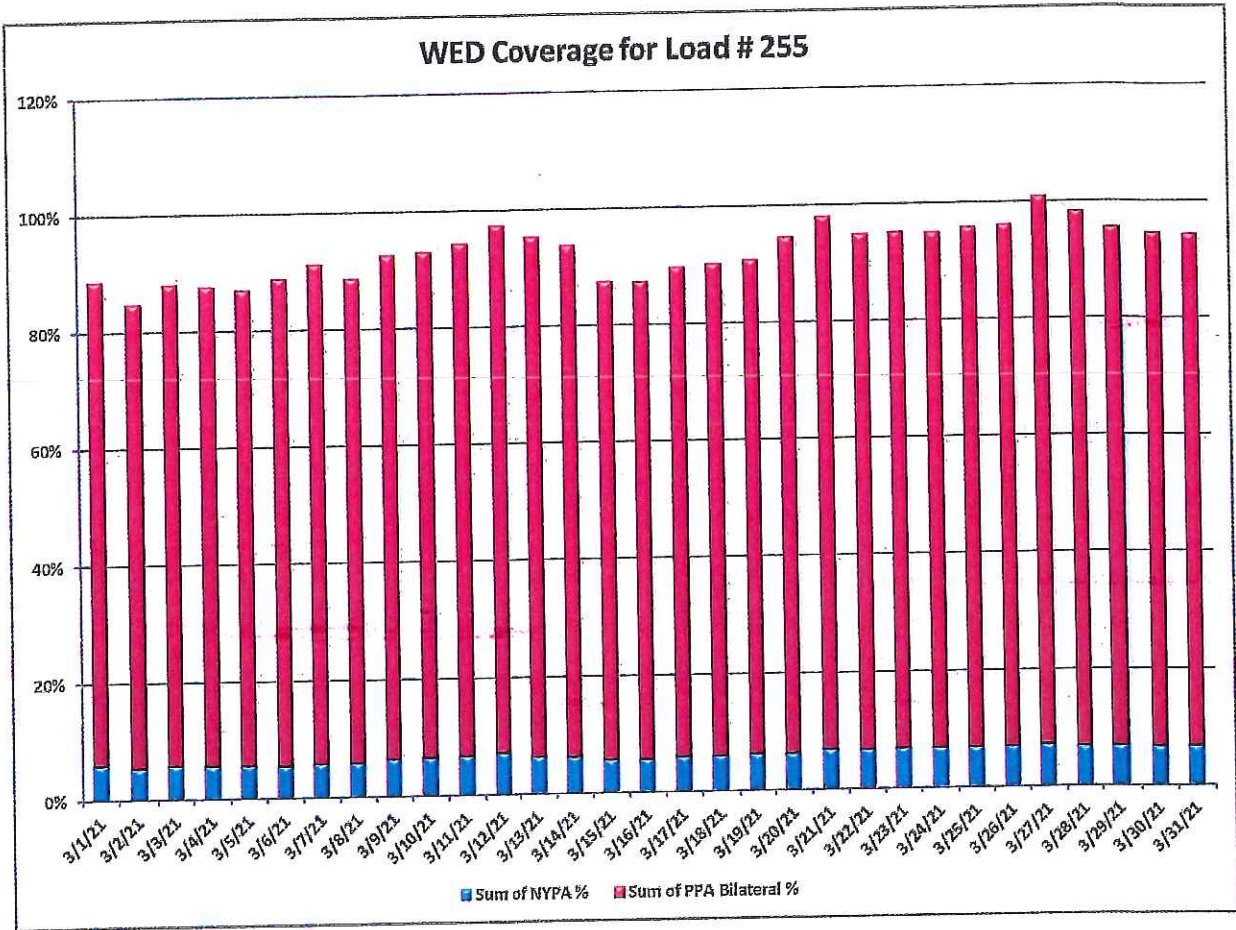


Figure 1 WED Daily Hedged Percentages

Figure 1 illustrates WED's daily coverage throughout the month. Colder weather days will show lower coverage amounts since some of the bilateral purchases are for a fixed volume. This illustrates the balancing required when a portfolio utilizes both block and load following purchases.

Spot Market Prices

As Figure 2 illustrates, Spot market natural gas (AGT) prices averaged between \$1.84 and \$8.24/MMBTU. The Day-Ahead On-peak Hub LMP for the month averaged \$38.16/MWH, and Day-Ahead Off-peak Hub LMP averaged \$31.67/MWH. MA Hub Max for the month was \$93.88/MWH.

* All information provided excludes the MWH consumption and the pass-through costs for the market NuCor special market contracts.

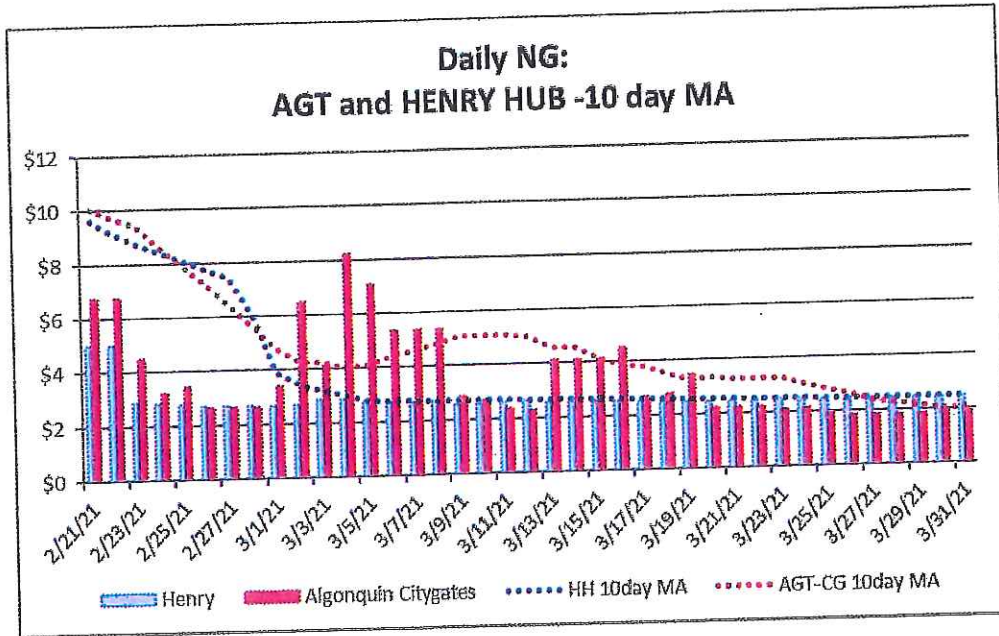


Figure 2 Daily and 10-day Moving Average Henry Hub and Algonquin Gas City Gate Prices

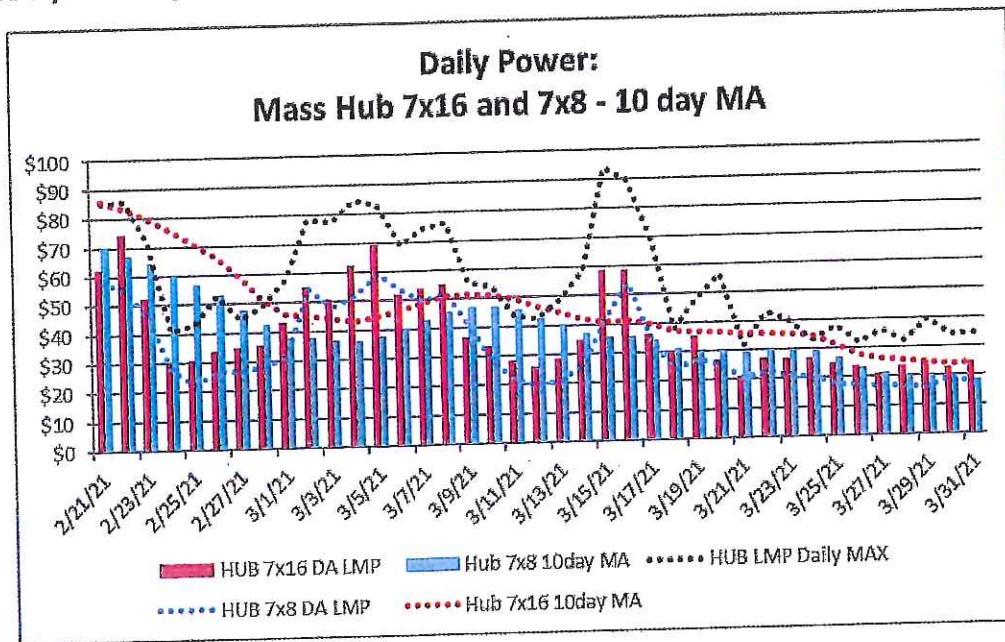


Figure 3 Daily and 10-day Moving Average HE 1-7, 24 and HE 8-23 MA Hub LMP

* All information provided excludes the MWH consumption and the pass-through costs for the market NuCor special market contracts.

ITEM NO. 4-9
 PUC AGENDA 5/18/21

Volatility in the hourly spot market will affect WED's daily energy costs based on how much power was open to the spot market each day.

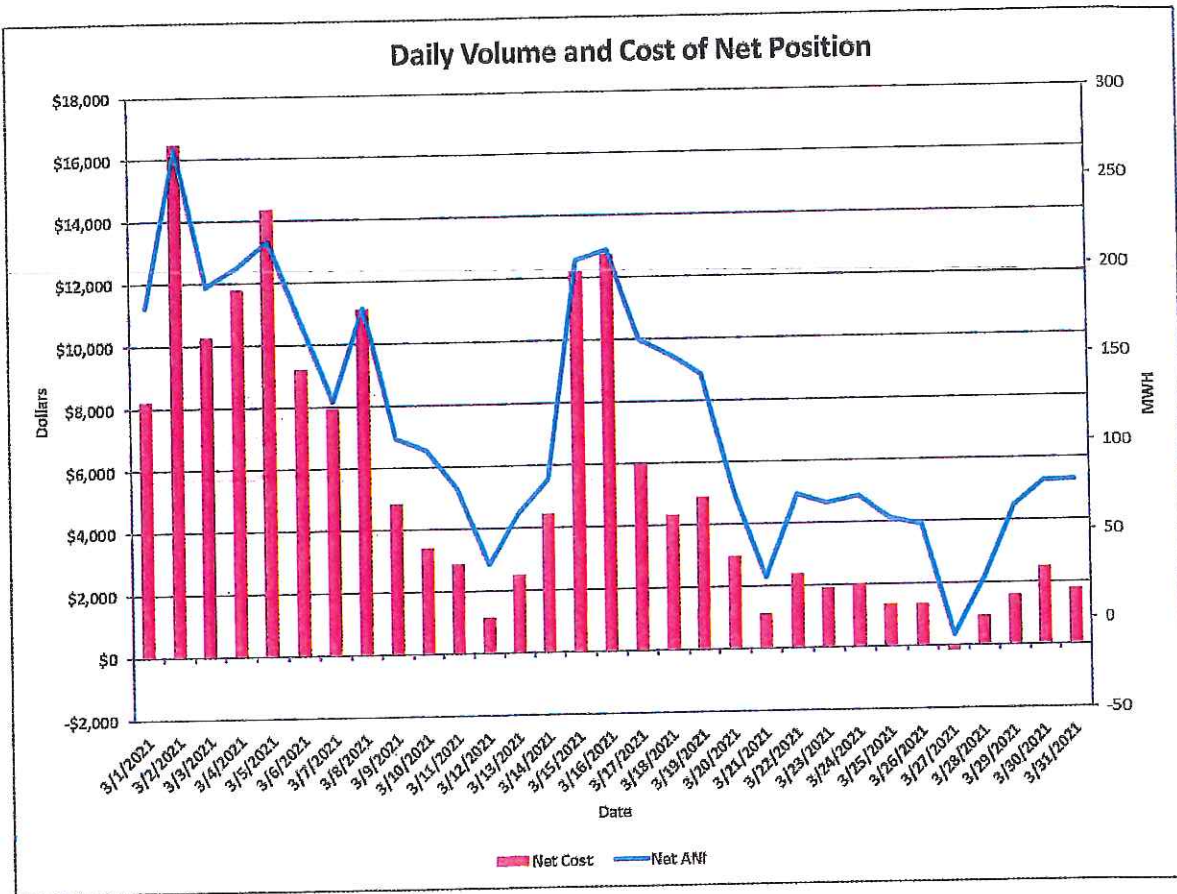


Figure 4 Daily Cost of WED Open Position

* All information provided excludes the MWH consumption and the pass-through costs for the market NuCor special market contracts.

ITEM NO. 4-10
PUC AGENDA 5/18/21

Locational Marginal Price Spreads

As you can see in Table 2 WED's purchases at the CT Zone, and NYPA, bilaterals through ENE, which resulted in a locational spread cost of \$8,918.70. Locational spread is the difference between the average \$/MWH received for a resource versus the average \$/MWH paid for load.

The total for the month also includes the resettlement on the CMEEC invoice. The load is also reduced by NuCor with the .78% loss addition.

Table 2 Wallingford's Portfolio Summary

Portfolio Summary - ISO							
Settlement Date	Location ID & Name		Adjusted Net Interchange	Nodal Value	\$/MWH Nodal Value	Locational Spread (Cost) Benefit	\$/MWH Spread
Mar-21	4004	Load	(44,820.17)	\$(1,599,258.35)	\$ 35.68		
	4000	MASS HUB	-	\$ -	#DIV/0!	\$ -	#DIV/0!
	4004	CT	38,505.17	\$ 1,342,662.32	\$ 34.87		
	4011	NYPA	2,789.15	\$ 88,179.69	\$ 31.62	\$ (8,918.70)	\$ (3.20)
	RT Marg Loss/External Dist			\$ 792.78			
Totals			(3,525.85)	\$ (167,623.56)	\$ 47.54	\$ (8,918.70)	\$ (3.20)
	Meter Reading Resettlement			\$ 9,092.73			
	CMEEC Resettlement			(509.24)			
Totals			(3,525.85)	\$ (159,040.07)	\$ 45.11		

Pierce Entitlement

While CMEEC settles the Pierce project financially with WED, it is important to note that while the peaking resource provides capacity and locational forward reserve cost offsets and market revenues, it can be called upon to deliver energy as well. Pierce ran on 3/4, 3/5, and 3/6 this month. Pierce is a dispatchable resource and will run based on its variable price bids relative to higher-still locational marginal prices at its generation node. Due to the very high bidding requirements and the projected variable costs of running Pierce, and the fact that it is a dispatchable resource, any MWs that run will not be considered in developing WED's hedging purchases.

* All information provided excludes the MWH consumption and the pass-through costs for the market NuCor special market contracts.

Page 7

ITEM NO. 4-11
PUC AGENDA 5/18/21

TO: Rick Hendershot, Wallingford Director of Public Utilities

FROM: Craig Kieny, Energy Initiatives, Inc.

DATE: May 11, 2021

RE: **WHOLESALE POWER SUPPLY SUMMARY**

This memo provides summary-level information regarding: March 2021 Wholesale Power Costs net of charges to NuCor; CMEEC charges for April 2021; Recent and Pending Transactions; Market Price Trends and Wholesale Power Market Developments.

Executive Summary

- March actual load was 4.8% below budget.
- Total Wholesale Power Costs for March were \$84.91/MWh; 2.8% lower than the 2020/2021 budget projection of \$87.39/MWh.
- March load was 92.1% hedged, compared to the February 2021 forecasted hedge percentage of 90.3%.
- Total Energy costs for March were \$41.20/MWh; 5.1% less than the budgeted value of \$43.41/MWh.
- Basis charges totaled \$8,919 (\$3.20/MWh) for the 2,789 MWh of hedges purchased at Roseton. There were no purchases at the Hub for the month.
- The Pierce project resulted in a net cost of \$41,310, or \$0.92/MWh, of the WED's total load net of NuCor's market-priced load.
- No procurements were conducted since the last report.

March 2021 Wholesale Power Costs

The overall load forecasting error for March was 4.8% (actual load was 4.8% below budget).

The WED's total Wholesale Power Costs (including ENE administrative charges and WED charges to Account 557, excluding Nucor market-priced load charges) for March were \$84.91/MWh; this is 2.8% below the 2020/2021 budget (ENE 1/15/20 forecast) of \$87.39/MWh. Per-unit costs were lower than budget due primarily to lower than budgeted costs for: spot market energy purchases; cost-effective hedges put in place after the budget was prepared; Local Network Service (LNS); and Regional Network Service (RNS). RNS expenses were approximately \$110,300 under budget due to a lower load at the time of the CT peak, and LNS charges were approximately \$20,500 under budget due to lower rates for service from Eversource and UI.

Forward Capacity Market charges were approximately \$24,300 over budget due to a higher than budgeted per unit charge to load serving entities.

92.1% of WED's load was hedged, compared to the projected hedged level of 90.3% in the 2/12/2021 3-year Forecast prepared by ENE.

As noted in ENE's *Hedging Results Discussion*, the WED's overall average cost for Energy in March was approximately \$41.20/MWh, 5.1% below the budgeted Energy cost of \$43.41/MWh. This figure includes the following:

- WED hedges purchased from Exelon, EDF, NYPA, PSEG and Shell which averaged \$40.86/MWh.
- Purchases at spot market prices for unhedged volume. In hours in which it was short energy, the WED purchased 3,570 MWh through the spot market at a weighted-average price of \$43.77/MWh, for a total cost of \$156,261. This is an increase of \$10,374, or 7.1%, compared to had this energy been purchased at the WED's average hedge price.
- In hours in which it was excess, the WED sold approximately 44 MWh at an average price that was \$22.82/MWh less than its weighted-average hedge price in those same hours, for a total "loss" of \$1,009. This means the WED was excess in hours with low LMPs relative to its hedge price (hourly excesses and shortfalls are inherent in hedging with Blocks whose volumes do not change on an hourly basis as load changes).
- The on-peak DAM LMP at the Hub averaged \$38.16/MWh, while the off-peak LMP averaged \$31.67/MWh. DAM spot market prices ranged from \$11.52/MWh to \$93.88/MWh.
- Basis (difference in spot market prices between the source of the energy and the CT Load Zone) charges totaled \$8,919 (\$3.20/MWh) for 2,789 MWh of NYPA energy delivered to the Roseton Interconnection between New York and New England. There were no purchases at the Hub for the month.
- All other ISO-NE costs or credits associated with the WED's load requirements for the month.

The DAM load forecasting error was 3.87%, resulting in 863 MWh purchased and 879 MWh sold in the Real Time Market (the intent is for 100% of the WED's load to clear in the DAM; inaccuracy in forecasting, which is inevitable to some degree, results in some load clearing in the RTM through either a purchase or a sale in most hours).

CMEEC Charges for April 2021

March participation in the Pierce project resulted in a net cost of \$34,470 prior to accounting for A&G costs (recall that the benefits/costs are distributed on a one-month lag).

The charges for CMEEC Administrative and General Costs (A&G), in addition to the WED's contractual pro rata share of A&G costs allocated directly to Pierce, were as follows:

CMEEC Admin and General Cost Item	Monthly Charge
A&G Charge for Energy Contracts	\$642
Allocation of Pierce Ownership Interest	\$6,840
Total	\$7,482

These two amounts result in a net cost of \$41,952. Net costs associated with Pierce were \$41,310, or \$0.92/MWh, of WED's total load for the month net of NuCor.

Recent and Pending Transactions

No procurements were conducted since the last report.

WED’s annual minimum and maximum hedge percentages for Q2 2021 along with its hedge percentage are shown in the table below:

Year	Min Hedge % per Hedging Policy	Current Hedge %	Max Hedge % per Hedging Policy
2021	80%	90%	100%
2022	60%	80%	95%
2023	40%	60%	80%
2024	20%	35%	60%
2025	0%	5%	40%

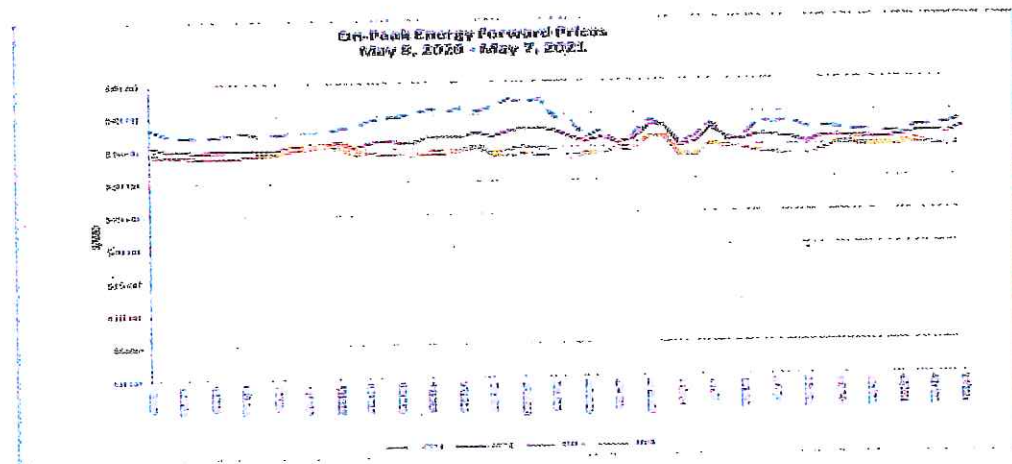
WED is not required to make another purchase to meet the minimum hedge level per the Hedging Policy until Q3 2021, by which point it will be required to make a minimum purchase of 5% for 2025. By the end of Q1 2022, WED is required to purchase at least 5% of 2024 and another 10% of 2025 annual energy needs. WED will also be required to make additional purchases of at least 10% of 2023, 2024 and 2025 annual energy needs by the end of Q3 2022.

With respect to the maximum hedge levels allowed per the Hedging Policy, WED can make a purchase of up to 10% of its remaining 2021 annual energy requirement in Q1 2021; however, WED is already at its self-imposed limit of 90%, so additional purchases for 2021 are not likely. In Q2 2021, WED can also make a purchase of up to 15% of 2022, 20% of 2023, 25% of 2024 and 35% of 2025 annual energy needs.

A procurement for projected annual energy requirements of 9% for 2022, 10% for 2023, and 15% for each of 2024 and 2025 is anticipated for May 2021.

Market Price Trends

The plot below shows forward market prices for calendar year strips of On-Peak Energy at the Hub for 2021-2024 at weekly intervals from May 8, 2020 – May 7, 2021.



Forward energy prices for each year were steady from late-March to mid-April, then increased slightly in late-April and early-May, as temperatures stayed cool, prolonging the heating season. The trend of 2021 and 2022 being higher than 2023-2024 continued, though the difference widened in April.

Wholesale Power Market Developments

1. Pierce Generation - March – There were no dispatches by ISO-NE in March. However, there were three test runs to test the performance of a newly installed emissions auto-tune system. The unit generated 1,633 MWh during the test runs, of which approximately 537 are WED's share.

WED experienced a net loss from the unit of \$34,470 (not including A&G), which was \$20,142 worse than budget. The deviation is mainly due to fuel expenses for the test runs of the unit which, were much higher than the revenues received from ISO-NE at the hourly LMPs; and reduced Forward Reserve Revenue due to outages for the installation of the emission auto-tune system.

2. Summer 2021 Forward Reserve Auction – In late April ISO New England conducted the Forward Reserve Auction for the June-September delivery period. For the Connecticut Load Zone, Ten Minute Non-Spinning Reserves cleared at \$1.15/kW-month while Thirty-Minute Operating Reserves cleared at \$0.60/kW-month. These prices are noticeably lower than the clearing prices for the Summer 2020 Auction which cleared at \$1.15/kW-Month for Ten Minute Non-Spinning Reserves and \$0.900/kW-month for Thirty-Minute Operating Reserves.

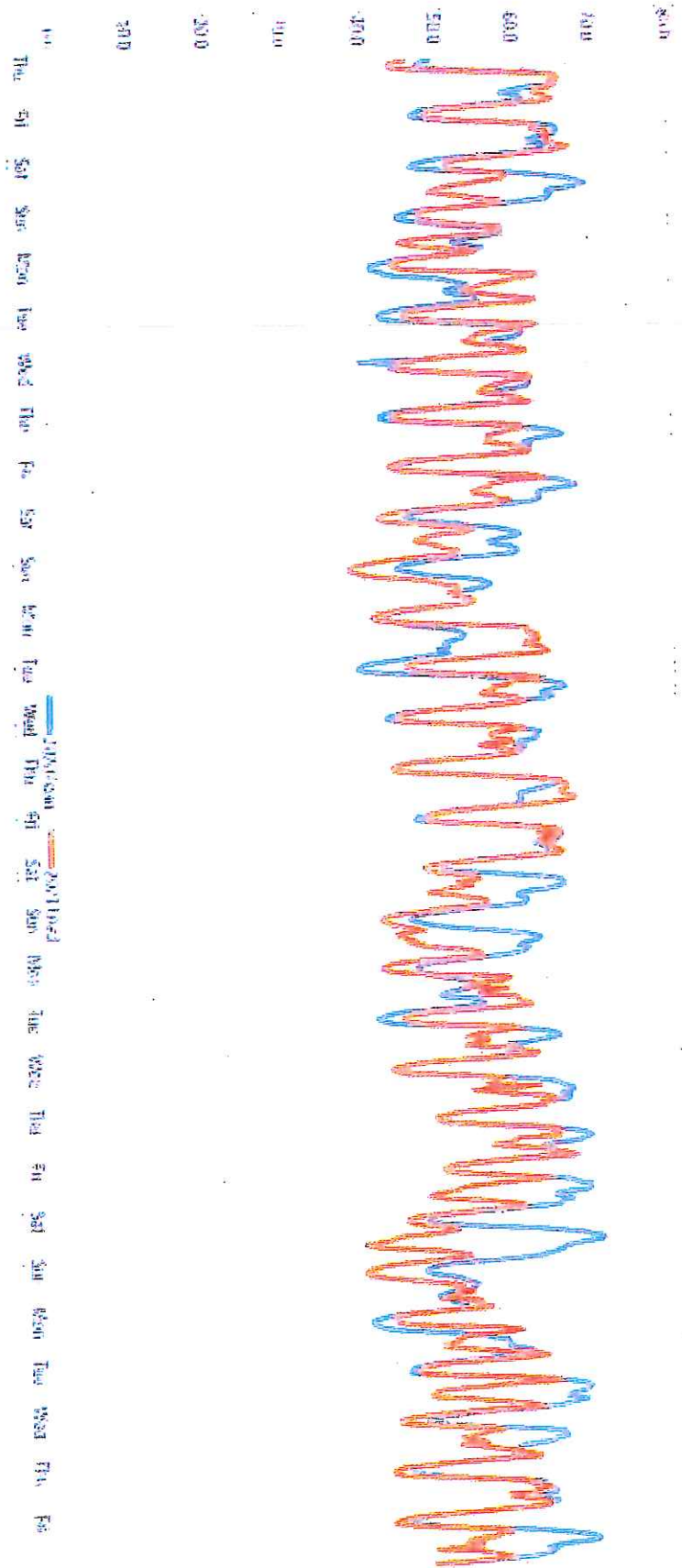
3. COVID-19 Load Impact – April – Total energy consumption for WED customers, net of the NuCor load that is served at market prices, was 38,368 MWh in April 2021. This is 3.6% lower than April 2020 on a non-weather-adjusted basis, with the same number of weekdays and weekend days in April 2021 and April 2020. April 2021 was considerably milder than April 2020 from a Heating Degree Day (HDD) perspective, with 390 HDD and 0 Cooling Degree Day (CDD) in 2021 compared to 531 HDD and 0 CDD in 2020.

Comparing April 1-30, 2021 to April 2-May 1, 2020, to line up days of the week, April 2021 load was 3.7% lower, with 390 HDD and 0 CDD compared to 514 HDD and 0 CDD a year ago. A plot of 2021 vs 2020 hourly load for the study periods is provided below.



Digitally signed by Craig Kienny
Date: 2021.05.11 10:28:11 -04'00'

2021 vs 2020 Hourly Loads
 Apr 1-Apr 30 2021 vs Apr 2 2020-May 1 2020





Town of Wallingford, Connecticut

TONY BUCCHERI
GENERAL MANAGER

DEPARTMENT OF PUBLIC UTILITIES
100 JOHN STREET
WALLINGFORD, CONNECTICUT 06492

TELEPHONE 203-294-2265
FAX 203-294-2267

MEMORANDUM

To: Richard Hendershot, Director of Public Utilities
Public Utilities Commission

From: Tony Buccheri, General Manager-Electric Division

Date: May 11, 2021

Re: **Monthly Report – April 2021**

Below is a summary of reports and statistics from Electric Division Management staff for the month of April.

RETAIL COST OF SERVICE STUDY

- PUC Workshop was held on March 29, 2021 to discuss draft rates.
- The remaining key milestones for the cost of service study are as follows:
 - PUC Workshop scheduled on May 4, 2021 to discuss final rates and set public hearing date
 - Public Hearing date set for May 18, 2021
 - PUC scheduled to adopt final rates on May 18, 2021
 - Public Notice in newspaper by the end of May
 - New Rates effective July 1, 2021

PROJECT UPDATES

Expansion of 51 John Street into 228 East Street

- 20/21 Budget includes dollars to clean up the property and install the fence and shrubs that were approved by Planning & Zoning. No progress to report.

WED Primary Underground Facilities

- Ashlar Village – Ashlar Village has obtained surveying and legal services to document the required easement for WED facilities.
 - Surveying work was done in February 2019.
 - Surveying results have been submitted to WED Engineering for review.
- The easements remain to be finalized prior to completing engineering.
- Transformers have been ordered for this project.

ITEM NO. 417
PUC AGENDA 5/18/21

Pad-mount Transformer Inspections

- Bids for the transformers have been received.
- The order has been awarded and the purchase order has been released.
- Delivery times have been extended due to COVID19 impacts and the ice storm in Texas. Vendors continue to push delivery times out. WED staff is currently working with Purchasing to look at alternatives.
- Once the Distribution Technician position is filled, the remaining pad mounted transformers will be inspected.

Wallingford Renewable Energy

- The project was energized on January 8, 2021. Energization was needed in order for the project to certify settlement metering. The project is still working out details to establish revenue grade metering. Nothing new to report.

CT DOT

- Engineering continues to coordinate with DOT on projects in Town.

Town Roads

- None at this time.

Personnel

- The System Operator position interviews have been completed by WED. Conditional offers were extended to two of the candidates to fill the two vacancies. One of the candidates accepted and we are currently waiting on the conditions to be met before setting a start date. The other candidate declined because his current employer's contract settled and they are now allowed to collect their pension beginning at age 60, and continue to work until age 65. WED submitted an Authorization for Employment to re-start the process of filling this remaining System Operator vacancy. Waiting on information for the candidate that accepted the conditional offer, and reposted the position to fill the other vacancy.
 - HR completed oral examinations on March 18, 2021.
 - WED will be scheduling interviews.
 - WED conducted interviews and extended an offer.
 - This candidate accepted and subsequently called and backed out of the job.
 - The two vacancies will be reposted.
 - One of the WED operators has submitted his retirement papers and will be leaving in early August. This will put the remaining system operators in a three man rotation which is not sustainable.
- An Authorization for Employment for the Assistant Office Manager vacancy created by Brian Naples' promotion to Office Manager at the Town of Wallingford Water & Sewer Divisions was submitted to HR on 11/17/2020.
 - The position was posted through December 14, 2020.
 - HR will begin conducting oral examinations on April 9, 2021.
 - WED staff conducted interviews and has promoted Matt Laspino from Accountant 1 to Assistant Office Manager.
- An Authorization for Employment for an Account Clerk to fill the vacancy created by Jeff Tierney's promotion to Meter Reader was submitted to HR on January 25, 2021.

ITEM NO. 4-18
PUC AGENDA 5/18/21

- Posted on February 3, 2021 and closed February 16, 2021.
- HR tested internal candidates on March 18, 2021.
- Interviews have been schedule.
- WED staff has completed interviews and extended an offer. The new Account Clerk is scheduled to start on May 17, 2021
- An Authorization for Employment for an Apprentice Meter Technician and a Meter Technician to fill the vacancy created by the promotion of Stan Doski to Chief Meter Technician was submitted to HR on December 14, 2020.
 - Meter Technician A posted on January 4, 2021 and closed on January 29, 2021.
 - HR testing date to be determined.
 - Meter Apprentice posted on December 31, 2020 and closed on January 29, 2021.
 - HR testing has been completed.
 - Interviews have been conducted. Holding on making an offer until any potential qualified meter technicians are interviewed.
- An Authorization for Employment for a Customer Service Representative to fill the vacancy created by the retirement of Henry Ivan has been submitted to HR on January 25, 2021.
 - Posted on February 9, 2021 and closed February 24, 2021
 - HR testing date is to be determined.
 - Waiting on a list form HR.
 - WED received the list and interviewed seven candidates. Offers were extended and turned down by the top two candidates. HR will be sending additional candidates to interview.
- An Authorization for Employment for a Distribution Technician to fill the vacancy created by the promotion of Joe Dwyer to General Line Foreman was submitted to HR on November 17, 2020.
 - HR has completed oral examinations on March 18, 2021.
 - WED is currently in the post interview conditional offer process.
 - The Distribution Technician is scheduled to start on May 17, 2021.
- An Authorization for Employment for a Maintenance Electrician to fill the vacancy created by the resignation of Robert Adams was March 19, 2021.

Statistics/Metrics

- Total system energy input was 40.598 MwHr. This represented a decrease of 2.1% when compared to April 2020.
- System peak was recorded at 1800 hours on April 15, at 72.331 MW. This represented a decrease of 2.8% when compared to April 2020.
- Service Reliability Indices

ASAI	Average System Availability Index	0.999988
SAIDI	System Average Interruption Duration Index	0.5024 Minutes
SAIFI	System Average Interruption Frequency Index	0.0079
CAIDI	Customer Average Interruption Duration Index	63.9 Minutes

ITEM NO. 4-19

PUC AGENDA 5/2/21

- Total incidents for March were 16 affecting 200 customers for a total customer hours out of 213.02 hours.
- A-Base Meters: As of April 30, 2021, 82 services have been upgraded, 3 services have been removed, and 210 remain.
- April Services: 28 applications, 4 new installation, 9 service changes, 0 temporary services, and 1 retired.
- April Street Lights: 126 LED conversions, 30 repairs. To date 3723 LED's have been installed and 912 HPS's remain.
- There were 12 pole replacements and 3 new poles installed in April.
- There were 4 pole top transformers replaced and 2 new transformer installations in April.

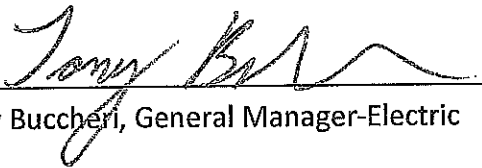
Energy Conservation

Residential

- There were 30 HES visits to residences in April.
- There were 8 heating and cooling rebates paid in April in the amount of \$2,450.
- There were 4 attic insulation rebates paid in April in the amount of \$2,378.
- There were 3 heat pump water heater rebates paid in April in the amount of \$1,500.

Commercial & Industrial

- There were no heating and cooling rebates paid in April.
- There were 5 lighting retrofit projects completed in April resulting in \$31,165 in incentives paid.



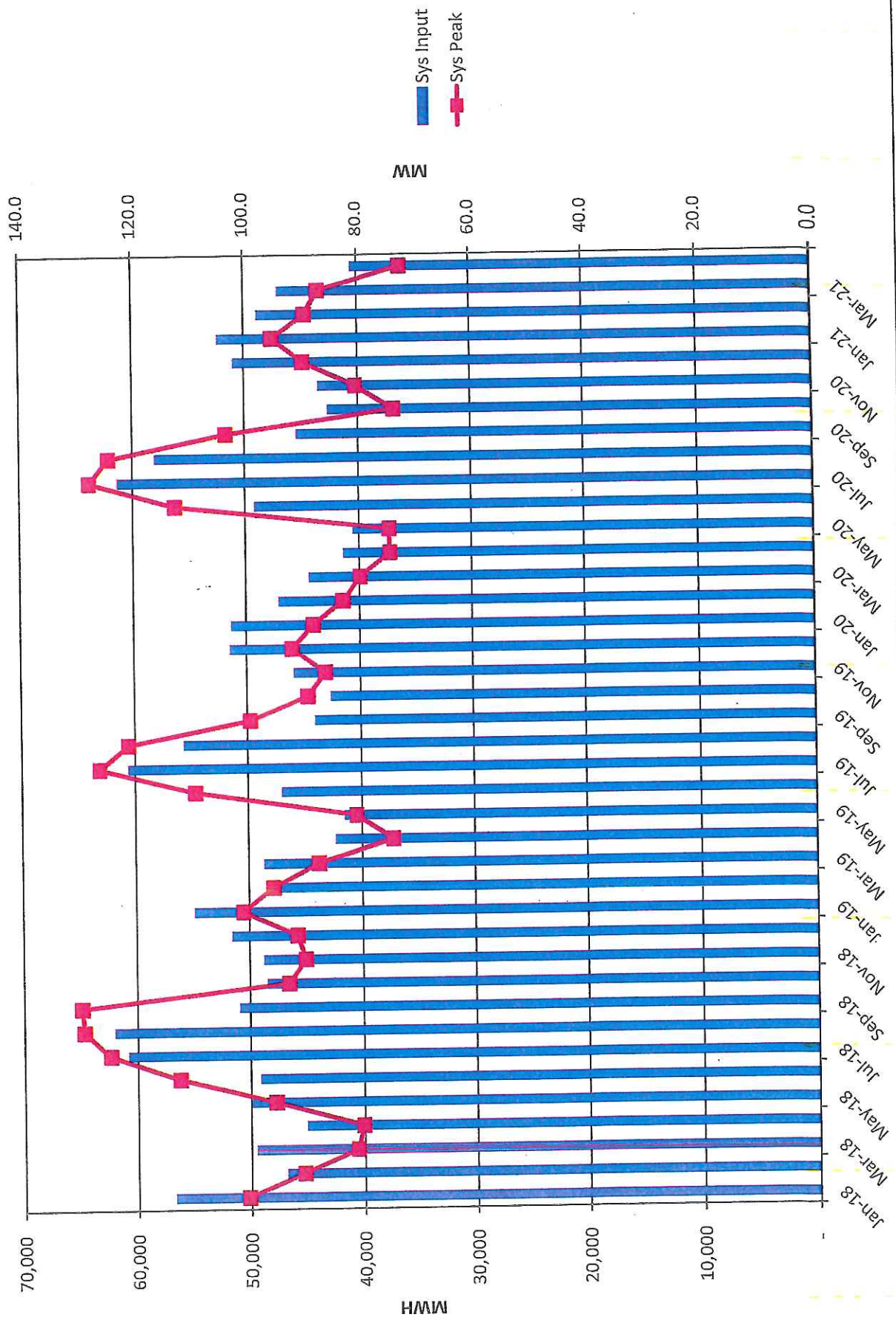
Tony Buccheri, General Manager-Electric

TB/mhl

Enclosures

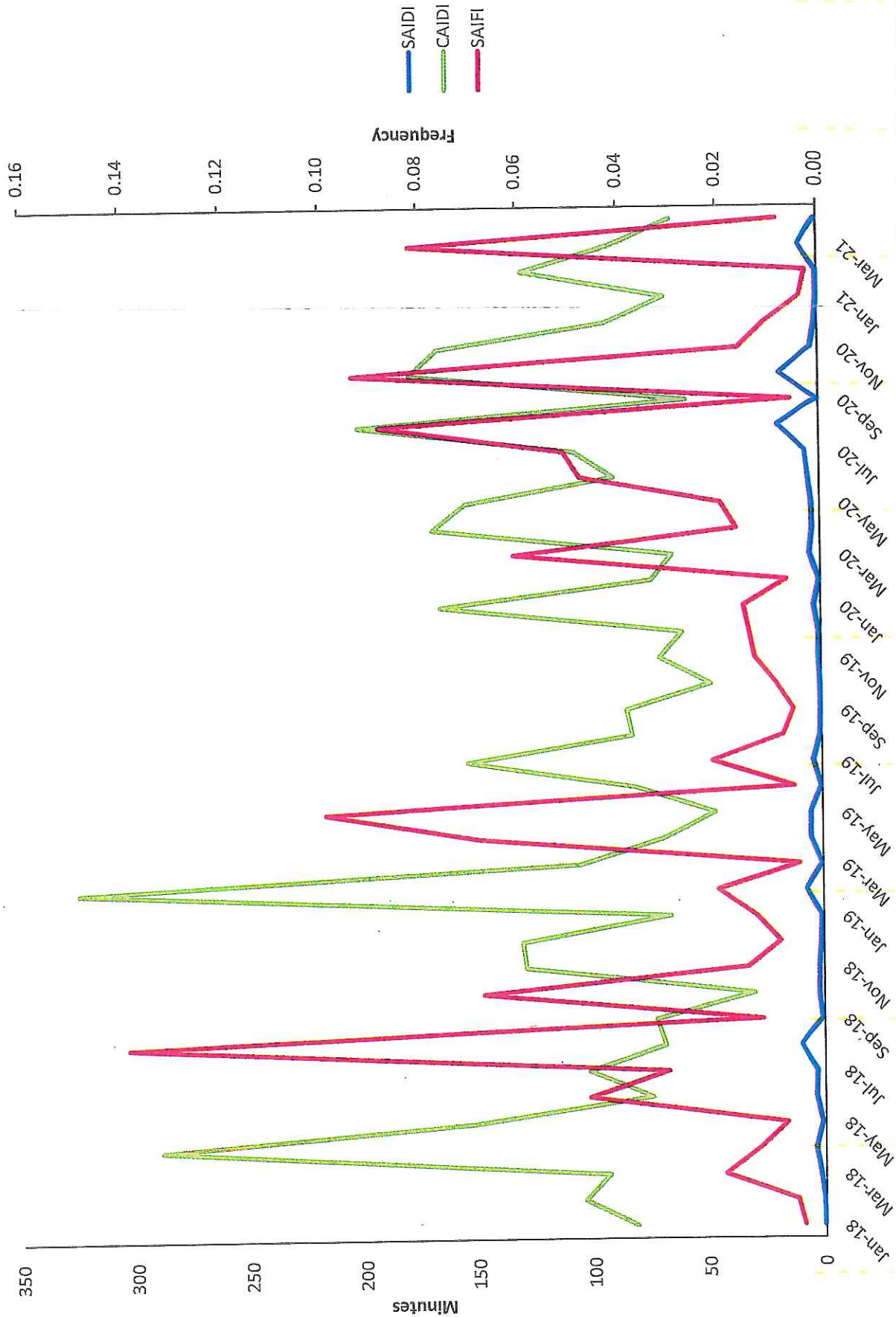
ITEM NO. 4-20
PUC AGENDA 5/18/21

Sys Input & Sys Peak



ITEM NO. AD
 PUC AGENDA 5/18/21

WED Reliability Data (excluding storms)



ITEM NO. 4-10
 PUC AGENDA 5/18/21

TOWN OF WALLINGFORD
DEPARTMENT OF PUBLIC UTILITIES
WATER AND SEWER DIVISIONS
377 SOUTH CHERRY STREET
WALLINGFORD, CT 06492
203-949-2670

INTEROFFICE MEMORANDUM

TO: RICHARD A. HENDERSHOT, DIRECTOR OF PUBLIC UTILITIES
FROM: NEIL H. AMWAKE, P.E., GENERAL MANAGER *nl*
SUBJECT: WATER DIVISION GENERAL MANAGER'S REPORT FOR APRIL
DATE: MAY 12, 2021

Major activities in the Water Division for April, 2021 included the following:

Water Main Breaks, Service Leaks and Emergencies

- * There were no water main breaks during the month. There were two water service leaks during the month: One at 4 Hillsvie Avenue (1" W.I. installed in 1928); and one at 438 South Main Street (3/4" W.I. installed in 1927).

Project Updates (Engineering Section)

- * Replacement of the Underground Fuel Oil Storage Tank (UST) at Pistapaug Pond Water Treatment Plant: The project has been completed and final payment was approved on April 19, 2021. The retainage of 5% will be held by the Town during the one year maintenance period which will end on April 19, 2022.
- * Stand-by Generator at Well No. 1: No new progress. Work at Well No. 1 has been delayed and the gas service line will most likely not be installed until late spring or early summer per Eversource.
- * The design drawings and specifications from water main replacement Contract 37 are complete and have been transmitted to the Bureau of Purchases to advertise the project. Contract No. 37 includes the replacement of approximately 2,738 linear feet of 12-inch and 18-inch water main along a portion of Woodhouse Avenue and Center Street, and replacement of approximately 525 linear feet of 8-inch water main along a portion of Norman Avenue. Please note that funding for Contract No. 37 was allocated as part of the FY19-20 budget review and approval process.
- * The design drawings and specifications for the water mains along the Main Street (S.R. 150) bridge and the Church Street (S.R. 68) bridge (the in-house project named is Pipes on Bridges) are approximately 95% complete. The plan is to bid this project in late spring 2021, and then award this project in mid-summer 2021. Funding for this project will not be available until July 1, 2021.

ITEM NO. 4-101
PUC AGENDA 5/18/21

- * The Masonic Tank and Westside Tank painting consultant bid is complete and has been transmitted to the Bureau of Purchases for advertisement.
- * Ulbrich Reservoir Engineering Study: WSP USA was contracted to perform the Engineering Study for Ulbrich Reservoir. Requested information related to the safe yield analysis was forwarded to the consultant and they anticipate performing the bathometric survey in the next 1-2 months.

Operations, Maintenance and Water Quality

- * Annual Water Main Flushing Program: Crews began the annual water main flushing program this month. On April 5th and 6th, the transmission mains were flushed. Crews then began flushing the distribution system. This year we intend to flush Zone 1 through Zone 5 utilizing the Unidirectional Flushing (UDF) Program. The balance of the distribution system will then be flushed in accordance with our annual program. To date, Zone 1 and Zone 2 have been flushed, and crews are beginning to flush Zone 3. Work will continue until the entire distribution system has been flushed.
- * Disposal of Treatment Plant Residuals: Crews hauled ten loads of water treatment residuals from the Pistapaug Pond WTP for disposal at the Compost Facility located at 157 John Street. The treatment residuals are beneficial for use as a soil amendment that is blended with compost, loam and other soils to produce a topsoil product. The operator of the compost facility pays the Water Division \$20/ton for the treatment residuals. Approximately 77.43 tons were delivered during the month, totaling \$1,548.60. For now, all work is complete.
- * Notable accomplishments by the Water Treatment and Pumping staff include:
 - Boiler fuel pumps installed; and
 - Recycle basins (2) cleaned/inspected; submersible pump had oil change.
- * The Water Quality Inspectors investigated one complaint regarding water quality. This complaint was regarding a chlorine taste in the water; the customer was advised to let the water sit in a jug to allow the chlorine to dissipate.
The Water Quality Inspectors administered the Cross Connection Control Program with:
 - Twenty cross connection surveys, three of which were for corrected violations and 92 cross connection device tests.
- * The Water Quality Monitoring Program included weekly distribution system sampling, source water monitoring, and analyses of the water entering the system from Pistapaug Water Treatment Plant and the Oak Street Well Field.
- * The Water Quality Inspectors began administration of the annual Watershed Sanitary Survey by contacting residents and managers of 1,240 watershed properties through the mail. Water Quality staff then conduct field inspections, identifying potential watershed concerns and informing stakeholders on how to implement best management practices. Inspectors survey for concerns such as

ITEM NO. 4-102
PUC AGENDA 5/18/21

erosion, septic tank failure, motorized equipment storage, and the storage of hazardous materials. A total of 137 field inspections were conducted in the month of April.

- * Engineering Section staff responded to 350 Call Before You Dig (CBYD) tickets (requests) during the month compared to 299 CBYD tickets in April 2020.

Personnel

- * An Authorization for Employment for Maintainer I – Distribution Crew was initiated on January 25, 2021 and advertised on February 9, 2021. The job posting closed on March 2, 2021. The Certified Open Competitive Register (external candidates) and the Certified Promotional Register (internal candidates) were received on April 12, 2021. Interviews were conducted in April with a Conditional Offer letter extended to the preferred candidate on May 3, 2021.

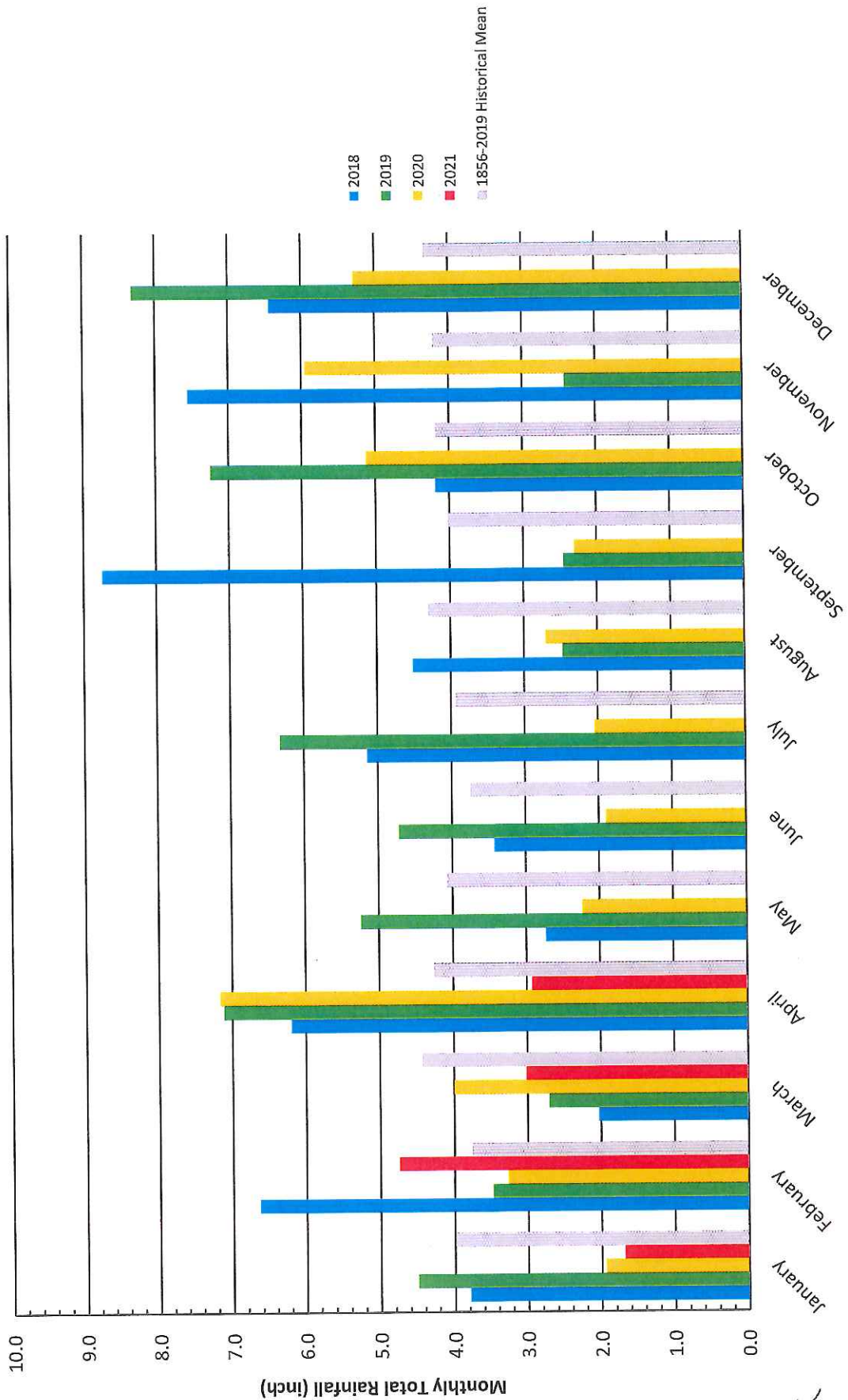
Statistics and Metrics

- * Precipitation for the month was 2.92 inches, 1.33 inches below the historic mean of 4.25 inches for April. Precipitation for the first four months of the calendar year totals 12.35 inches, 4.06 inches (-24.76%) below the historic mean for the same time period.
- * Effective reservoir storage at the end of the month stood at 97.4% (1,892.5 MG) of total effective impoundment (full 1,921.0 MG), versus the historical average of 94.5% for April (a difference of plus 82.3 MG). This represents approximately 669 days of supply remaining at 2.83 MG average per day drawn from the surface water reservoirs. The reservoir levels are in the Normal range.
- * Water production for the month was 90.746 million gallons (3.02 MG average per day), an increase of 3.91% compared to April, 2020.

X:\Public Utilities Commission (PUC)\General Manager's Reports\Water Division General Manager's Report April.docx

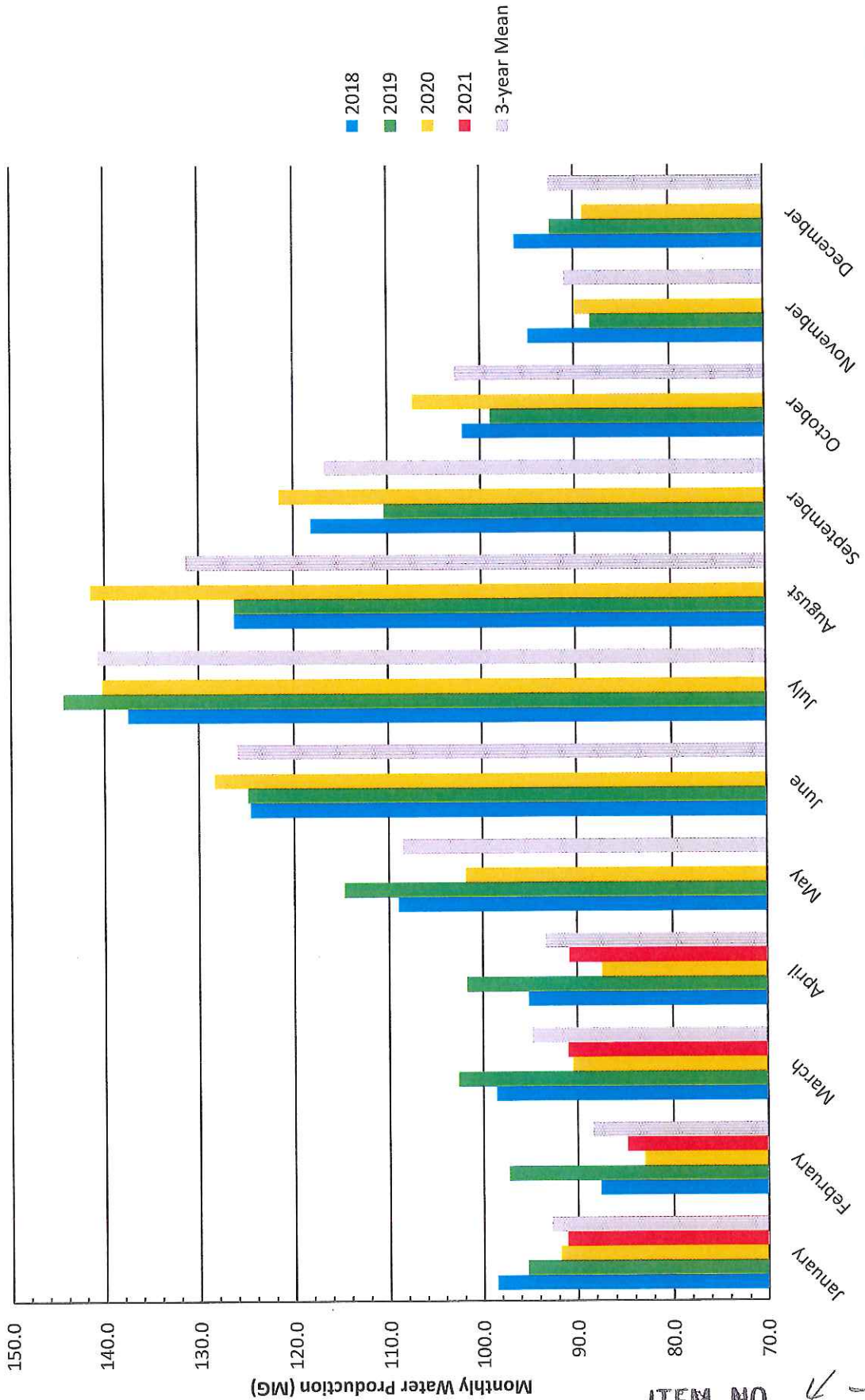
ITEM NO. 4-103
PUC AGENDA 5/18/21

Monthly Measured Rainfall
 at Mackenzie Reservoir
 2018 - 2021
 Water Division
 Department of Public Utilities



ITEM NO. 4-104
 PUC AGENDA 5/18/21

Total Monthly Water Production
 CY 2018 - 2021
 Water Division
 Department of Public Utilities



ITEM NO. 4-105
 PUC AGENDA 5/18/21

TOWN OF WALLINGFORD
DEPARTMENT OF PUBLIC UTILITIES
WATER AND SEWER DIVISIONS
377 SOUTH CHERRY STREET
WALLINGFORD, CT 06492
203-949-2670

INTEROFFICE MEMORANDUM

TO: RICHARD A. HENDERSHOT, DIRECTOR OF PUBLIC UTILITIES
FROM: NEIL H. AMWAKE, P.E., GENERAL MANAGER *rip*
SUBJECT: SEWER DIVISION GENERAL MANAGER'S REPORT FOR APRIL
DATE: MAY 12, 2021

Major activities in the Sewer Division for April, 2021 included the following:

Alarms, Trouble Calls and Emergencies

- * The Sewer Division responded to thirteen alarms and trouble calls during the month including: eight lateral backups (responsibility of the homeowner); a blocked sanitary sewer along North Turnpike Road (cleared, caused by grease buildup); a pump failure at the Farm Hill PS (back flushed pump and cleaned the wet well); and a power interruption at the Farm Hill PS (reset).

Project Updates (Engineering Section)

- * Inflow and Infiltration Removal Program: Correspondence and inspections are suspended due to the COVID-19 pandemic.
- * I-91 Pump Station and Force Main: Engineering Section staff and Sewer Division leadership met to develop preliminary design requirements for the replacement of the 1-91 pump station. In addition, staff conducted site visits to four existing wastewater pump stations to observe and make note of design elements that have worked well and to identify those that have caused operational difficulties. Engineering staff is performing a preliminary evaluation of the existing force main with regard to capacity and condition assessment.
- * Manhole Lining and Repair: A list of manholes for improvement has been drawn up. We are currently in the process of conducting a final internal review of the bid specifications.
- * Sewer main lining: The Contractor completed lining of 4,384 linear feet of sanitary sewer mains during April. This work is complete for the fiscal year.

Operations and Maintenance

- * Collection system staff continued preventive maintenance of the system with 13,330 feet of sewers flushed during the month. No televising was done in April. Through April, 4.89 miles of sewers have been televised (2.46% of the system) and 2.94 miles of sewers have been flushed (1.48% of the system) in 2021. For reference, the gravity collection system is approximately 198.6 miles total.

ITEM NO. 4-106
PUC AGENDA 5/18/21

- * Sewer Division staff also performed nine manhole inspections during the month.
- * Operational highlights at the WPCF for the prior month include:
 - Staff cleaned, performed maintenance and tested the existing UV system prior to the seasonal start up on April 1;
 - Operations staff replaced a mixer in the denitrification tank; and
 - Continued with LED lighting replacement in the garage and sludge pressing area.

Personnel

- * An Authorization for Employment for a Maintenance Repair Technician I (MRT I) position was initiated on December 10, 2020. The position was advertised January 8, 2021 with a closing date of January 26, 2021. An Appointment Letter was transmitted to the preferred candidate on May 3, 2021 for a start date of May 17, 2021.
- * An Authorization for Employment for a third Laborer was initiated on February 8, 2021. The position was posted internally on February 9th with a closing date of February 19, 2021. An external list for the position already existed from the prior posting in August, 2020. An Appointment Letter was transmitted to the preferred candidate on April 16, 2021 for a start date of May 3, 2021.
- * An Authorization for Employment for Assistant Sewer Superintendent was initiated on February 8, 2021. The position was advertised on February 19th with a closing date of March 23, 2021. A certified list was provided by Human Resources on April 21, 2021. Interviews will follow.
- * An Authorization for Employment for a fourth Laborer was initiated on March 22, 2021. The position was posted internally on March 26th with a closing date of April 6, 2021. An external list for the position already existed from the prior posting in August, 2020. An Appointment Letter was transmitted to the preferred candidate on May 3, 2021 for a start date of May 24, 2021.
- * An Authorization for Employment for a Clerk Typist II in the Business Office was initiated on April 22, 2021. An external list for the position already existing from a prior posting. Interviews are scheduled for mid-May, 2021.

Statistics and Metrics

- * Recorded influent flow to the wastewater treatment plant was 167.51 million gallons for the month, a decrease in flow of approximately 25.27% compared to April, 2020 (a decrease of 56.64 MG for the month). This represents an average daily flow of 5.58 mgd for the month.

The 12-month rolling average through April, 2021 is equal to 4.91 MGD, which is below the 90% permit threshold of 7.2 MGD.
- * At the wastewater treatment plant, nitrogen discharge levels averaged 434 pounds per day for the month (75.5% treatment efficiency with an influent

ITEM NO. 4-107
PUC AGENDA 5/18/21

nitrogen level of 1,764 pounds per day), versus a discharge of 538 pounds per day in April, 2020. This quantity is approximately 164 pounds over the current year's permit level of 269 pounds per day. The annualized average is 537 pounds per day to date.

- * Seasonal phosphorus removal started in April. For the month the average discharge concentration was 0.93 mg/L which is 0.42 mg/L more than April 2020. The current permit limit for a 2-month rolling average is 0.70 mg/L.
- * Synagro transported 37.64 dry tons of biosolids for disposal during the month.
- * The WPCF received 15,000 gallons of septage for the month.
- * The Maintenance Repair Technicians (MRTs) serviced 29 Department of Public Utilities vehicles in April, including thirteen Electric Division vehicles (52% of time spent), eleven Water Division vehicles (36.1% of time spent), and five Sewer Division vehicles (11.8% of time spent).

X:\Public Utilities Commission (PUC)\General Manager's Reports\Sewer Division General Manager's Report April.docx

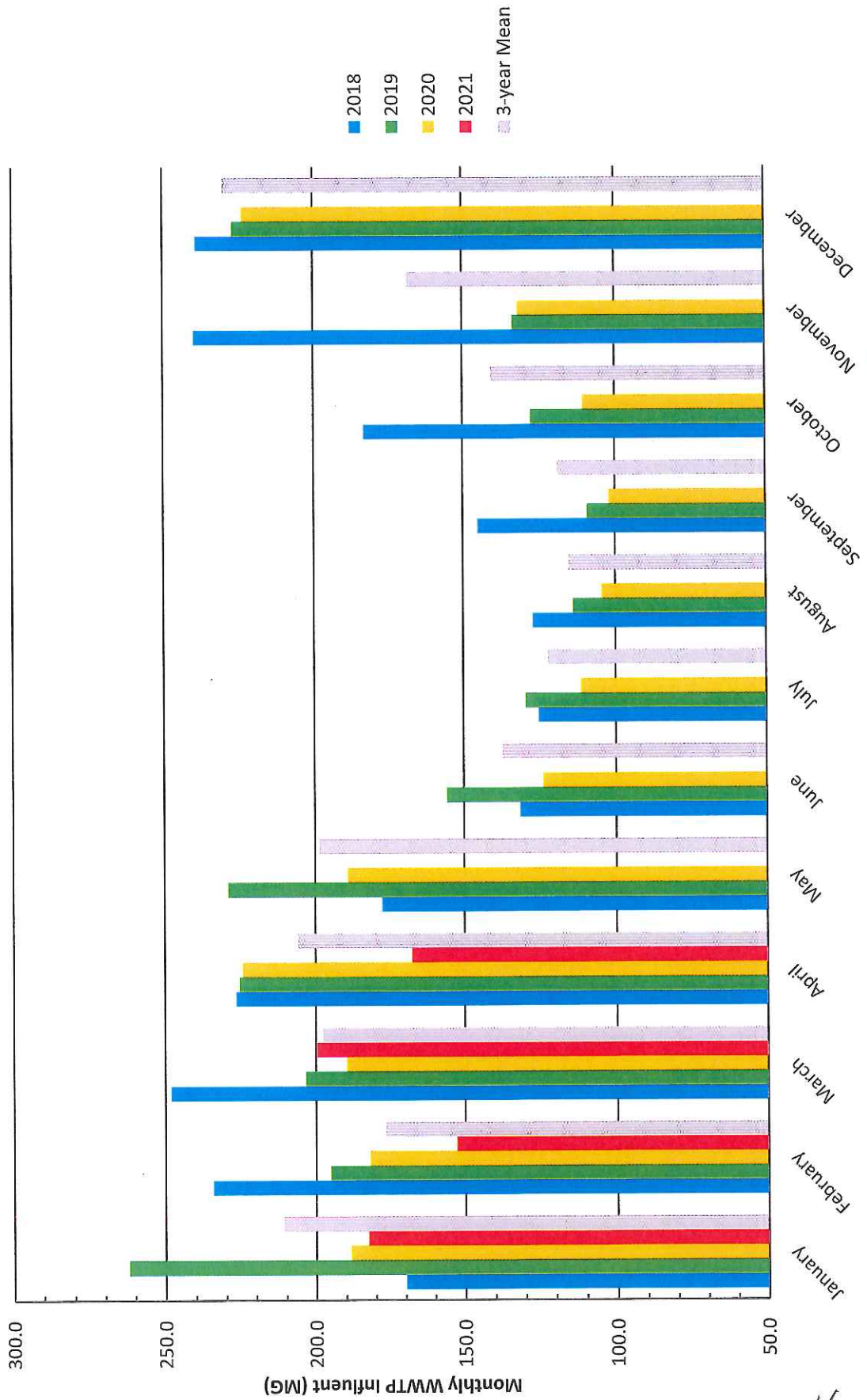
ITEM NO. 4-108
PUC AGENDA 5/18/21

Total Monthly WWTP Influent Quantity

CY 2018 - 2021

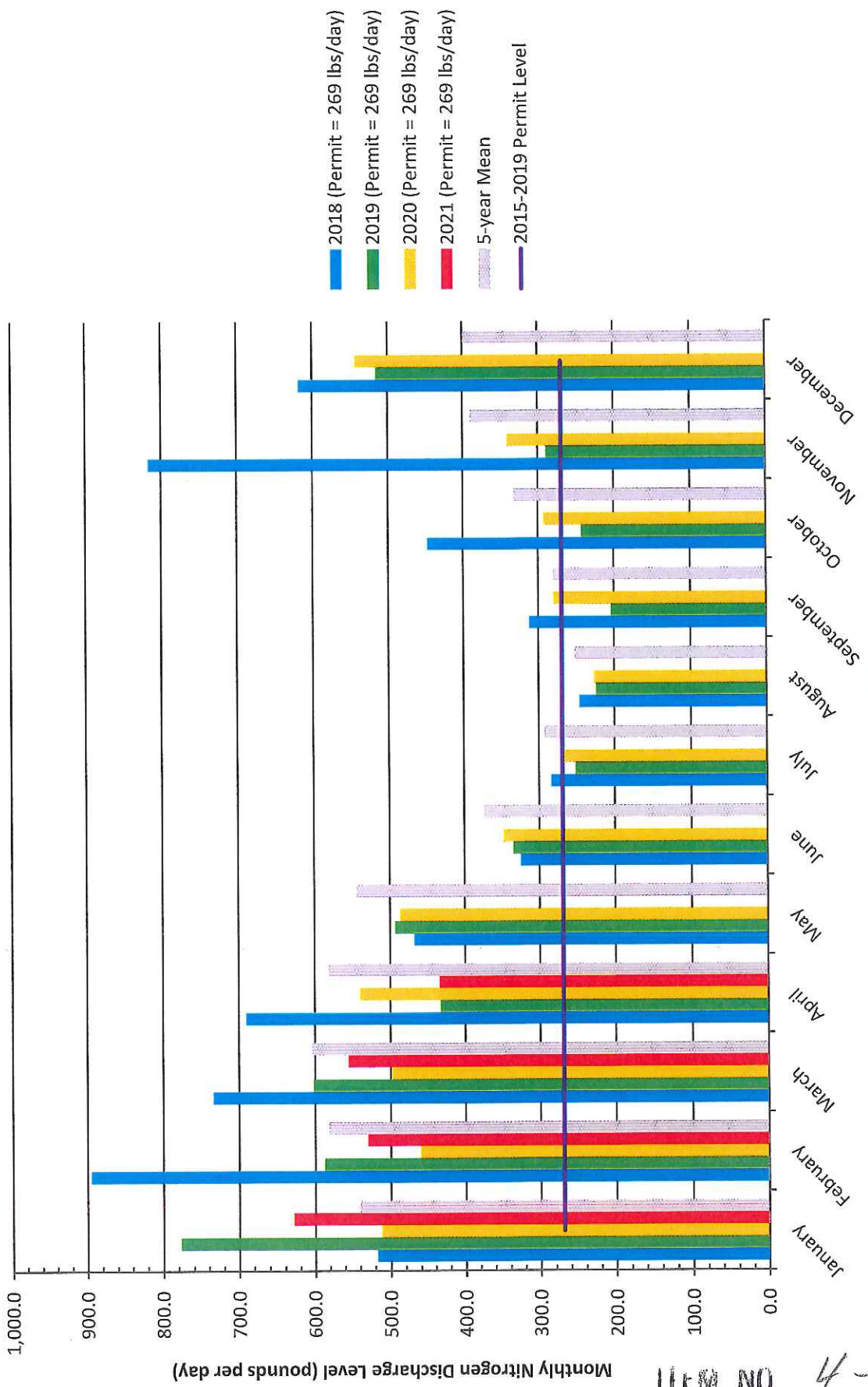
Sewer Division

Department of Public Utilities



601-4
PUC AGENDA 5/18/21

Total Monthly Nitrogen Discharge Level
 CY 2018 - 2021
 Sewer Division
 Department of Public Utilities



ITEM NO. 4-110
 PUC AGENDA 5/18/21

Monthly Statistics April, 2021
Inflow and Infiltration Program
Wallingford Sewer Division
 Department of Public Utilities

1.0 Correspondence	Current Month	CY to Date
1.1 Flyers (Minished)		
1.2 Postcards (Minished Follow-up)		
1.3 Letters		
1.3.1 Ownership Change		
1.3.2 Building Permit Greater than \$25,000		
1.3.3 Lateral Re-use		
1.3.4 Water Meter Replacement		
1.3.5 Specific Information		
Correspondence Total	0	0

2.0 Initial Inspections Completed	Current Month	CY to Date
2.1 Residential		
2.2 Commercial, Institutional, Etc.		
2.3 Dye Tests		
Completed Inspections Total	0	0

3.0 Issues Identified	Current Month	CY to Date
3.1 <i>No Issues Found</i>		
3.2 Sump Pump		
3.3 Rain Leaders (Downspouts)		
3.4 Interior Floor Drains		
3.5 Exterior Yard or Driveway Drains, Etc.		
3.6 Damaged Lateral or Private Sewer		
3.7 Miscellaneous - MH, CB, Foundation Drain		
Issues Identified Total	0	0

4.0 Issues Corrected	Current Month	CY to Date
4.1 Sump Pump		
4.2 Rain Leaders (Downspouts)		1
4.3 Interior Floor Drains		
4.4 Exterior Yard or Driveway Drains, Etc.		
4.5 Damaged Lateral or Private Sewer		
4.6 Miscellaneous - MH, CB, Foundation Drain		
Issues Corrected Total	0	1

5.0 Inflow Removed and Costs Avoided	Current Month	CY to Date
5.1 Inflow Gallons Removed per Year	0	27,190
5.2 Annual WWTP Costs Avoided	\$0.00	\$137.58
5.3 20-year Planning WWTP Costs Avoided	\$0.00	\$2,684.55

6.0 Reimbursement to Property Owners	Current Month	CY to Date
6.1 In Evaluation	\$0.00	\$0.00
6.2 Approved for Payment	\$0.00	\$300.00
6.3 Payments Made	\$0.00	\$300.00

-111
 PUC AGENDA 5/18/21

TOWN OF WALLINGFORD
DEPARTMENT OF PUBLIC UTILITIES
WATER AND SEWER DIVISIONS
377 SOUTH CHERRY STREET
WALLINGFORD, CT 06492
203-949-2670

INTEROFFICE MEMORANDUM

TO: PUBLIC UTILITIES COMMISSION
FROM: BRIAN A. NAPLES, BUSINESS MANAGER *BN*
RE: HIGH CONSUMPTION AND BILLING FOR FRANCINE MONOCCHI, 15
GREEN STREET; ACCOUNT #52272
DATE: MAY 12, 2021
CC: NEIL H. AMWAKE, P.E., GENERAL MANAGER
LAWRENCE C. REGAN, ASSISTANT BUSINESS MANAGER

The following is a summary of facts in regard to Account #52272, located at 15 Green Street, belonging to customer Francine Monocchi.

On February 11, 2019 a neighbor reported to the Wallingford Water Division (WWD) that the above referenced property had water coming out of the residential dwelling. The WWD responded and identified the cause as a frozen meter. The water service was turned off at the curb stop and the frozen meter was removed. The service remained off until a new meter was installed on April 22, 2019.

From the normal cycle read on January 15 to the meter removal on February 11, 2019, 48,618 cubic feet (363,687.4 gallons) of water passed through the meter. On February 13, 2019 a bill was generated for the aforementioned period in the amount of \$3,913.90; comprised of \$1,992.96 in water charges and \$1,920.94 in sewer charges.

Since the February 13, 2019 bill the customer has incurred an additional \$501.18 of water and sewer usage charges, as well as \$715.39 of water interest charges, \$699.24 of sewer interest charges, and \$40.00 of lien fees. During this time period the customer has paid \$231.94.

Since the appeal could not be investigated immediately due to Covid-19 restrictions, \$123.13 of water interest charges and \$119.94 of sewer interest charges have already been waived.

On April 12, 2021 a dye test performed at the property determined that the sump pump located in the basement discharges to the ground in the front yard, not to the sanitary sewer collection system.

As of May 10, 2021 the customer's current balance is \$5,426.64.

To whom it may concern,

I am the property owner at 15 Green Street in Wallingford and received a bill from the water company for \$4,032.28. The water usage was a result of an accident that resulted in a broken water meter and this exorbitant bill which I have attached.

I purchased the house in January of 2018 and chose a contractor who, in short, stole \$25,000 from me, did not process the proper paperwork through the town for any of the work he began, and cause me to lose my construction loan due to this and the fact that the work had already begun. The demolition had been done and the house was open to the elements so as winter 2019 approached I had the plumber come out and winterize as someone instructed me to do. I did not know that this meant that it could be undone if the water was turned on. While I was attempting to find another contractor I was working on the house myself and turned on the faucet to wash my hands not knowing this would undo the winterization. I arrived to find the basement was flooded and the sump pump did not activate so I turned it on and left to pick up my children. When I came back the meter was gone and I thought someone had stolen it. It turns out the water company responded to call reporting water in the street. They sent a tech to remove the meter and shut the water down. Again not knowing this in a comedy of errors I contacted the police. Once I figured out exactly what happened I paid for a new water meter, it was installed and service was restored.

When I received the bill for the amount due as you can imagine I was floored. Another costly result to this never-ending saga. I spoke with someone who suggested I reach out to your office with an explanation of the events and see if there is a way to process a credit. The water was not used for any useful purpose and did not exit using the sewer drains which is included in the cost.

I appreciate you taking the time to advise me on this matter. Please feel free to reach out to me for any additional information.

Regards,

Francine Monocchi

ITEM NO. 5-2
PUC AGENDA 5/18/21

Francine Monocchi
15 Green Street
Wallingford, CT 06492-4629

Customer Number: 00441783
Account Number: 0052272
Service Address: 15 GREEN ST

Service	Read Date	Meter #	Read Status	Previous	Current	Meter Usage	Days	Average	Bill Amount	Bill Date
Water	4/13/2021	86255584	Actual Read	2300	2400	100	89	1.12	\$47.05	5/1/2021
Water	1/14/2021	86255584	Actual Read	1000	2300	1300	85	15.29	\$147.61	2/1/2021
Water	10/21/2020	86255584	Actual Read	800	1000	200	85	2.35	\$55.43	11/1/2020
Water	7/28/2020	86255584	Actual Read	500	800	300	95	3.16	\$61.69	8/1/2020
Water	4/24/2020	86255584	Actual Read	400	500	100	93	1.08	\$45.98	5/1/2020
Water	1/22/2020	86255584	Actual Read	400	400	0	92	0.00	\$37.95	2/1/2020
Water	10/22/2019	86255584	Actual Read	200	400	200	98	2.04	\$54.01	11/1/2019
Water	7/16/2019	86255584	Actual Read	1	200	199	85	2.34	\$51.46	8/1/2019
Water	2/11/2019	83754672	Actual Read	1	48619	48618	27	1800.67	\$3,913.90	2/13/2019
Water	1/15/2019	83754672	Actual Read	1	1	0	88	0.00	\$37.95	2/1/2019
Water	10/19/2018	83754672	Actual Read	1	1	0	93	0.00	\$37.95	11/1/2018
Water	7/18/2018	83754672	Actual Read	1	1	0	36	0.00	\$15.35	8/1/2018

ITEM NO. 5-3
PUC AGENDA 5/18/21

TOWN OF WALLINGFORD
DEPARTMENT OF PUBLIC UTILITIES
WATER AND SEWER DIVISIONS
377 SOUTH CHERRY STREET
WALLINGFORD, CT 06492
203-949-2672

INTEROFFICE MEMORANDUM

TO: NEIL H. AMWAKE, P.E., GENERAL MANAGER
FROM: MICHAEL R. CABELUS, WATER/SEWER INSPECTOR
RE: FRANCINE MONOCCI, 15 GREEN STREET, I&I INSPECTION
DATE: APRIL 12, 2021
CC: BRIAN NAPLES, BUSINESS MANAGER

The collection crew and I performed a dye test on the sump pump at 15 Green Street. The results were the same as found in our October 2, 2019, I&I inspection. The sump pump discharges to the ground in the front yard.

O:\Engineering\2021\MRC\NHA Manocchi 15 Green St mem.docx

ITEM NO. 5-4
PUC AGENDA 5/18/21

TOWN OF WALLINGFORD
DEPARTMENT OF PUBLIC UTILITIES
WATER AND SEWER DIVISIONS
377 SOUTH CHERRY STREET
WALLINGFORD, CT 06492
203-949-2670

INTEROFFICE MEMORANDUM

TO: PUBLIC UTILITIES COMMISSION
FROM: NEIL H. AMWAKE, P.E., GENERAL MANAGER *nl*
RE: BUDGET AMENDMENTS (WATER DIVISION) – STANDBY
GENERATORS AT WELLS NO. 1 AND NO. 3
DATE: MAY 10, 2021
CC: BRIAN NAPLES, BUSINESS MANAGER

Project Scope – The project scope is for design, bidding and installation of standby generators at Wells No. 1 and No. 3 where there previously was no emergency power. The work consists of the installation of a standby generator at Well No. 1, and connecting the Well No. 2 electrical service and generator to Well No. 3. Please note that Well No. 2 currently has a natural gas powered emergency generator.

As mandated by the Connecticut Department of Public Health (DPH) each community water system that serves between 10,000 and 99,999 people is required to have emergency generators or alternative sources of back-up power capable of supplying the power demands at each facility.

Current Budget Allocations – The FY16-17 Wallingford Water Division (WWD) capital budget (Account #433-00314) allocated \$60,000.00 for the design of standby generators at Wells No. 1 and No. 3. To date, \$36,003.64 has been expended with a remaining balance of \$23,996.36.

The FY17-18 WWD capital budget (Account #433-00314) allocated \$116,000 for the installation of standby generators at Wells No. 1 and 3. The entire \$116,000.00 budgeted for construction is currently encumbered.

Funds are needed for change orders associated with the installation of the standby generators at Wells No. 1 and No. 3 (see below).

Change Order Requests – The following is a brief summary of the change order requests:

ITEM NO. 6 - 1
PUC AGENDA 5/18/21

Well No. 1	
1. Extra work at utility pole	+ \$10,970.00
2. Eversource gas service	- \$1,800.00
3. Add two bollards at transformer	+ \$1,583.63
4. Provide open base in generator pad	+ \$898.65
Well No. 3	
1. Replace electrical back board	+ <u>2,490.00</u>
Change Order 1 Total	+ \$14,142.28
	<i>Say</i> + \$14,200.00

Public Utilities Commission Action – Because these line items are capital carry forward funds that were originally appropriated in different fiscal years, the budget amendments must be approved by the Public Utilities Commission and the Town Council. Please note that no 'new' money is being requested for this project; funds are being re-allocated to the proper specific line item (subaccount) of Account #433-00314; i.e., differentiating between design monies and construction funds.

Therefore, the Wallingford Water Division recommends that the Public Utilities Commission amend the FY20-21 Water Division budget by reducing capital Account #433-00314 (Wells and Springs for FY16-17 associated with the design of the standby generators) by \$14,200.00 through a corresponding increase in the Appropriation to Retained Earnings (Cash) in the Use of Funds section of the budget.

In parallel, it is recommended that the PUC amend the FY20-21 Water Division budget by increasing capital Account #433-00314 (Wells and Springs for FY17-18 associated with the installation of the standby generators) by the amount of \$14,200.00. Funds for this purpose will be made through a corresponding increase in the Appropriation from Retained Earnings (Cash) in the Source of Funds section of the budget.

Revised budget pages reflecting the proposed amendment are attached for your reference.

Please feel free to contact me should you have any questions or require additional information.

O:\Accounting\Budget\Generator Wells 1 and 3 Budget Transfer Memo to PUC v.NHA 2021-05-12.docx

ITEM NO. 6-2
PUC AGENDA 5/18/21

TOWN OF WALLINGFORD, CONNECTICUT

Honorable William W. Dickinson, Jr., Mayor
Wallingford, CT 06492

Date: May 12, 2021

I. Request for: _____ Transfer of funds
 X Appropriation of funds

Funds: Electric _____ Operating _____ Capital project
 Water _____ Operating X Capital project
 Sewer _____ Operating _____ Capital project

Amount	Description	Account No.
\$14,200 From:	Wells and Springs (FY16-17)	433-00314
\$14,200 To:	Appropriation to Retained Earnings (Cash)	

Explanation: See enclosed correspondence.

Certified as to Availability of Funds:

[Signature] Date: 5/11/21
Division Business Manager

Submitted by:

Neil H. Amwake Date: May 11, 2021
Division General Manager

[Signature] Date: 5/11/21
Director, Department of Public Utilities

Approved by vote of the Public Utilities Commission, subject to the approval of the Mayor and the Town Council

_____ Date: _____
Chairman, Public Utilities Commission

Certified as to Availability of Funds:

_____ Date: _____
Comptroller, Finance Department

Approved – Subject to the Approval of the Town Council

_____ Date: _____
Mayor

II. Certification of the Financial Transaction:

The transfer or appropriation of \$ _____ as detailed and authorized above and as approved by a vote of the Town Council in session is hereby certified.

I hereby certify that this is the motion approved by the Town Council at its meeting of _____, 2021.

Town Clerk

ITEM NO. 6-3
PUC AGENDA 5/18/21

**TOWN OF WALLINGFORD
DEPARTMENT OF PUBLIC UTILITIES
WATER DIVISION
BUDGET - FISCAL YEAR 2020-2021**

	CURRENT BUDGET	PROPOSED AMENDMENT	PROPOSED AMENDED BUDGET
TOTAL OPERATING REVENUES	7,009,250		7,009,250
TOTAL OPERATING EXPENSES	7,975,126	-	7,975,126
OPERATING INCOME (LOSS)	(965,876)	-	(965,876)
NON-OPERATING REVENUE	286,880		286,880
NON-OPERATING EXPENSES	67,700		67,700
NET INCOME (LOSS)	(746,696)	-	(746,696)
WORKING CAPITAL			
SOURCE OF FUNDS			
Net Income (Loss)	(746,696)	-	(746,696)
Depreciation	2,041,210		2,041,210
Contribution in Aid	194,570		194,570
Appropriate From Cash:			
- for Rate Stabilization	1,037,677	-	1,037,677
TOTAL SOURCE OF FUNDS	2,526,761	0	2,526,761
USE OF FUNDS			
To Reserve for Emergency Maint. - Connect. Charg	87,780		87,780
Bond Payments - Regular	225,000		225,000
Regular Capital	2,019,411	0	2,019,411
Capital Additions from Contribution	194,570		194,570
Appropriate To. Cash:			
TOTAL USE OF FUNDS	2,526,761	0	2,526,761

ITEM NO. 6 - 4
PUC AGENDA 5/18/21

**TOWN OF WALLINGFORD
DEPARTMENT OF PUBLIC UTILITIES
WATER DIVISION
BUDGET - FISCAL YEAR 2020-2021**

	CURRENT BUDGET	PROPOSED AMENDMENT	PROPOSED AMENDED BUDGET
O P E R A T I N G R E V E N U E S			
REVENUE FROM USAGE:			
43100461 Metered Sales to General Customers	6,687,920		6,687,920
43100462 Private Fire Protection Service	230,400		230,400
<u>TOTAL REVENUE FROM SALES</u>	<u>6,918,320</u>	<u>0</u>	<u>6,918,320</u>
OTHER OPERATING REVENUE:			
43100471 Miscellaneous Service Revenues	750		750
43100472 Rents from Water Property	90,180		90,180
<u>TOTAL OTHER OPERATING REVENUE</u>	<u>90,930</u>	<u>0</u>	<u>90,930</u>
<u>TOTAL OPERATING REVENUES</u>	<u>7,009,250</u>	<u>0</u>	<u>7,009,250</u>
O P E R A T I N G E X P E N S E S			
SOURCE OF SUPPLY EXPENSES:			
43100601 Operation Labor and Expense	179,484		179,484
43100602 Purchase of Water	8,800		8,800
43100611 Maint. of Structures & Improvements	18,375		18,375
43100612 Maint. of Collecting & Impounding Reservoir	166,783		166,783
43100613 Maint. of Lake, River and Other Intakes	1,000		1,000
43100614 Maint. of Wells & Springs	12,300		12,300
43100616 Maint. of Supply Mains	2,000		2,000
43100617 Maint. of Misc. Water Source Plant	88,770		88,770
<u>TOTAL SOURCE OF SUPPLY EXPENSES</u>	<u>477,512</u>	<u>0</u>	<u>477,512</u>
PUMPING EXPENSES			
43100623 Fuel or Power Purchased for Pumping	358,000		358,000
43100624 Pumping Labor & Expense	173,740		173,740
43100626 Miscellaneous Expenses	76,542		76,542
43100631 Maint. of Structures & Improvements	3,000		3,000
43100633 Maint. of Pumping Equipment	193,535		193,535
<u>TOTAL PUMPING EXPENSES</u>	<u>804,817</u>	<u>0</u>	<u>804,817</u>
WATER TREATMENT EXPENSES			
43100641 Chemicals	101,800		101,800
43100642 Operation Labor and Expense	698,778		698,778
43100643 Miscellaneous Expense	2,000		2,000
43100651 Maint. Of Structures & Improvements	32,100		32,100
43100652 Maint. Of Water Treatment Equipment	447,308		447,308
<u>TOTAL WATER TREATMENT EXPENSE</u>	<u>1,281,986</u>	<u>0</u>	<u>1,281,986</u>
TRANSMISSION AND DISTRIBUTION EXPENSES			
43100663 Meter Expenses	131,999		131,999
43100664 Customer Installation Expenses	75,428		75,428
43100665 Miscellaneous Expenses	133,135		133,135
43100672 Maint of Distribution Reservoirs & Standpipes	15,712		15,712
43100673 Maint of Transmission & Distribution Mains	520,496		520,496
43100675 Maintenance of Services	250,427		250,427
43100676 Maintenance of Meters	52,112		52,112
43100677 Maintenance of Hydrants	257,314		257,314
<u>TOTAL TRANSMISSION & DISTRIBUTION EXP.</u>	<u>1,436,623</u>	<u>0</u>	<u>1,436,623</u>

ITEM NO.

PUC AGENDA 5/18/21 -5

**TOWN OF WALLINGFORD
DEPARTMENT OF PUBLIC UTILITIES
WATER DIVISION
BUDGET - FISCAL YEAR 2020-2021**

	CURRENT BUDGET	PROPOSED AMENDMENT	PROPOSED AMENDED BUDGET
CUSTOMER ACCOUNT EXPENSES:			
43100902 Meter Reading Expenses	23,001		23,001
43100903 Customer Records & Collection Expense	151,661		151,661
TOTAL CUSTOMER ACCOUNT EXPENSES	174,662	0	174,662
ADMINISTRATIVE AND GENERAL EXPENSES:			
43100920 Administrative & General Salaries	728,528		728,528
43100921 Office Supplies & Other Expenses	30,100		30,100
43100923 Outside Services Employed	316,120		316,120
43100924 Property Insurance	55,000		55,000
43100925 Injuries & Damages	135,000		135,000
43100926 Employee Pensions & Benefits	343,800		343,800
43100928 Regulatory Expenses	26,000		26,000
43100930 Miscellaneous General Expenses	40,300		40,300
43100932 Maintenance of General Plant	77,068		77,068
TOTAL ADMINISTRATIVE & GENERAL EXP.	1,751,916	-	1,751,916
DEPRECIATION & TAX EXPENSES			
43100403 Depreciation Expense	2,041,210		2,041,210
43100408 Taxes Other Than Income Taxes	6,400		6,400
TOTAL DEPRECIATION & TAX EXPENSES	2,047,610	0	2,047,610
TOTAL OPERATING EXPENSES	7,975,126	-	7,975,126
OPERATING INCOME (LOSS)	(965,876)	-	(965,876)
NON-OPERATING REVENUE			
43100415 Rev. fr. Mdse. Jobbing & Contract Work	13,100		13,100
43100419 Interest and Dividend Income	174,300		174,300
43100421 Misc. Nonoperating Income	11,700		11,700
43100473 Connection Charges for Maintenance Reserve	87,780		87,780
TOTAL NON-OPERATING REVENUE	286,880	0	286,880
NON-OPERATING EXPENSES			
43100427 Interest on Long Term Debt	67,700		67,700
TOTAL NON-OPERATING EXPENSES	67,700	0	67,700
NET INCOME OR (LOSS)	(746,696)	-	(746,696)

ITEM NO. 6-4
PUC AGENDA 5/18/21

**TOWN OF WALLINGFORD
DEPARTMENT OF PUBLIC UTILITIES
WATER DIVISION
BUDGET - FISCAL YEAR 2020-2021**

	CURRENT BUDGET	PROPOSED AMENDMENT	PROPOSED AMENDED BUDGET
REGULAR CAPITAL ADDITIONS			
43300311	Source Of Supply - Structures & Improvements	5,000	5,000
43300312	Collecting & Impounding Reservoirs	0	0
43300314	Source of Supply - Wells & Springs	0	0
43300321	Pumping Plant - Structures & Improvements	0	0
43300325	Pumping Plant - Electric Pumping Equipment	41,000	41,000
43300331	Water Treatment Plant - Structures & Imp.	85,000	85,000
43300332	Water Treatment Equipment	622,500	622,500
43300340	T&D Land & Land Rights	0	0
43300341	T&D Structures & Improvements	0	0
43300342	Distribution Reservoirs & Standpipes	746,000	746,000
43300343	Transmission & Distribution Mains	99,647	99,647
43300346	Meters	199,937	199,937
43300348	Hydrants	64,527	64,527
43300390	Structures & Improvements - Gen. Plant	10,500	10,500
43300391	Office Furniture & Equipment	10,000	10,000
43300392	Transportation Equipment	107,000	107,000
43300393	Stores Equipment	1,000	1,000
43300394	Tools, Shop & Garage Equipment	10,800	10,800
43300395	Laboratory Equipment	5,000	5,000
43300396	Power Operated Equipment	6,000	6,000
43300397	Communication Equipment	5,500	5,500
	TOTAL REGULAR CAPITAL	2,019,411	2,019,411
CONTRIBUTED CAPITAL			
43300344	Distribution System from Developers	100,000	100,000
43300345	Services	94,570	94,570
	TOTAL CONTRIBUTED CAPITAL	194,570	194,570
	TOTAL CAPITAL PROGRAM	2,213,981	2,213,981

ITEM NO. 6-7
PLC AGENDA 5/18/21

TOWN OF WALLINGFORD
DEPARTMENT OF PUBLIC UTILITIES
WATER AND SEWER DIVISIONS
377 SOUTH CHERRY STREET
WALLINGFORD, CT 06492
203-949-2670

INTEROFFICE MEMORANDUM

TO: PUBLIC UTILITIES COMMISSION
FROM: NEIL H. AMWAKE, P.E., GENERAL MANAGER *nl*
RE: BUDGET AMENDMENTS (WATER DIVISION) – STANDBY
GENERATORS AT WELLS NO. 1 AND NO. 3
DATE: MAY 10, 2021
CC: BRIAN NAPLES, BUSINESS MANAGER

Project Scope – The project scope is for design, bidding and installation of standby generators at Wells No. 1 and No. 3 where there previously was no emergency power. The work consists of the installation of a standby generator at Well No. 1, and connecting the Well No. 2 electrical service and generator to Well No. 3. Please note that Well No. 2 currently has a natural gas powered emergency generator.

As mandated by the Connecticut Department of Public Health (DPH) each community water system that serves between 10,000 and 99,999 people is required to have emergency generators or alternative sources of back-up power capable of supplying the power demands at each facility.

Current Budget Allocations – The FY16-17 Wallingford Water Division (WWD) capital budget (Account #433-00314) allocated \$60,000.00 for the design of standby generators at Wells No. 1 and No. 3. To date, \$36,003.64 has been expended with a remaining balance of \$23,996.36.

The FY17-18 WWD capital budget (Account #433-00314) allocated \$116,000 for the installation of standby generators at Wells No. 1 and 3. The entire \$116,000.00 budgeted for construction is currently encumbered.

Funds are needed for change orders associated with the installation of the standby generators at Wells No. 1 and No. 3 (see below).

Change Order Requests – The following is a brief summary of the change order requests:

ITEM NO. 7-1
PUC AGENDA 5/18/21

Well No. 1

- | | |
|---------------------------------------|---------------|
| 1. Extra work at utility pole | + \$10,970.00 |
| 2. Eversource gas service | - \$1,800.00 |
| 3. Add two bollards at transformer | + \$1,583.63 |
| 4. Provide open base in generator pad | + \$898.65 |

Well No. 3

- | | |
|----------------------------------|-------------------|
| 1. Replace electrical back board | + <u>2,490.00</u> |
|----------------------------------|-------------------|

Change Order 1 Total + \$14,142.28

Say + \$14,200.00

Public Utilities Commission Action – Because these line items are capital carry forward funds that were originally appropriated in different fiscal years, the budget amendments must be approved by the Public Utilities Commission and the Town Council. Please note that no 'new' money is being requested for this project; funds are being re-allocated to the proper specific line item (subaccount) of Account #433-00314; i.e., differentiating between design monies and construction funds.

Therefore, the Wallingford Water Division recommends that the Public Utilities Commission amend the FY20-21 Water Division budget by reducing capital Account #433-00314 (Wells and Springs for FY16-17 associated with the design of the standby generators) by \$14,200.00 through a corresponding increase in the Appropriation to Retained Earnings (Cash) in the Use of Funds section of the budget.

In parallel, it is recommended that the PUC amend the FY20-21 Water Division budget by increasing capital Account #433-00314 (Wells and Springs for FY17-18 associated with the installation of the standby generators) by the amount of \$14,200.00. Funds for this purpose will be made through a corresponding increase in the Appropriation from Retained Earnings (Cash) in the Source of Funds section of the budget.

Revised budget pages reflecting the proposed amendment are attached for your reference.

Please feel free to contact me should you have any questions or require additional information.

O:\Accounting\Budget\Generator Wells 1 and 3 Budget Transfer Memo to PUC v.NHA 2021-05-12.docx

ITEM NO. 7-2
PUC AGENDA 5/18/21

TOWN OF WALLINGFORD, CONNECTICUT

Honorable William W. Dickinson, Jr., Mayor
Wallingford, CT 06492

Date: May 12, 2021

I. Request for: _____ Transfer of funds
 X Appropriation of funds

Funds: Electric _____ Operating _____ Capital project
 Water _____ Operating X Capital project
 Sewer _____ Operating _____ Capital project

Amount	Description	Account No.
\$14,200 To:	Wells and Springs (FY17-18)	433-00314
\$14,200 To:	Appropriation from Retained Earnings (Cash)	

Explanation: See enclosed correspondence.
Certified as to Availability of Funds:

[Signature] Date: 5/11/21
Division Business Manager

Submitted by:

NEL H. AMWAKE Date: MAY 11, 2021
Division General Manager

[Signature] Date: 5/11/21
Director, Department of Public Utilities

Approved by vote of the Public Utilities Commission, subject to the approval of the Mayor and the Town Council

Chairman, Public Utilities Commission Date: _____

Certified as to Availability of Funds:

Comptroller, Finance Department Date: _____

Approved – Subject to the Approval of the Town Council

Mayor Date: _____

II. Certification of the Financial Transaction:

The transfer or appropriation of \$ _____ as detailed and authorized above and as approved by a vote of the Town Council in session is hereby certified.

I hereby certify that this is the motion approved by the Town Council at its meeting of _____, 2021.

Town Clerk

ITEM NO. 7-3
PUC AGENDA 5/18/21

**TOWN OF WALLINGFORD
DEPARTMENT OF PUBLIC UTILITIES
WATER DIVISION
BUDGET - FISCAL YEAR 2020-2021**

	CURRENT BUDGET	PROPOSED AMENDMENT	PROPOSED AMENDED BUDGET
TOTAL OPERATING REVENUES	7,009,250		7,009,250
TOTAL OPERATING EXPENSES	7,975,126	-	7,975,126
OPERATING INCOME (LOSS)	(965,876)	-	(965,876)
NON-OPERATING REVENUE	286,880		286,880
NON-OPERATING EXPENSES	67,700		67,700
NET INCOME (LOSS)	(746,696)	-	(746,696)
WORKING CAPITAL			
SOURCE OF FUNDS			
Net Income (Loss)	(746,696)	-	(746,696)
Depreciation	2,041,210		2,041,210
Contribution in Aid	194,570		194,570
Appropriate From Cash:			
- for Rate Stabilization	1,037,677	-	1,037,677
TOTAL SOURCE OF FUNDS	2,526,761	0	2,526,761
USE OF FUNDS			
To Reserve for Emergency Maint. - Connect. Charg.	87,780		87,780
Bond Payments - Regular	225,000		225,000
Regular Capital	2,019,411	0	2,019,411
Capital Additions from Contribution	194,570		194,570
Appropriate To. Cash:			
TOTAL USE OF FUNDS	2,526,761	0	2,526,761

ITEM NO. 7-4
PUC AGENDA 5/18/21

**TOWN OF WALLINGFORD
DEPARTMENT OF PUBLIC UTILITIES
WATER DIVISION
BUDGET - FISCAL YEAR 2020-2021**

OPERATING REVENUES	CURRENT BUDGET	PROPOSED AMENDMENT	PROPOSED AMENDED BUDGET
REVENUE FROM USAGE:			
43100461 Metered Sales to General Customers	6,687,920		6,687,920
43100462 Private Fire Protection Service	230,400		230,400
TOTAL REVENUE FROM SALES	6,918,320	0	6,918,320
OTHER OPERATING REVENUE:			
43100471 Miscellaneous Service Revenues	750		750
43100472 Rents from Water Property	90,180		90,180
TOTAL OTHER OPERATING REVENUE	90,930	0	90,930
TOTAL OPERATING REVENUES	7,009,250	0	7,009,250

OPERATING EXPENSES

SOURCE OF SUPPLY EXPENSES:			
43100601 Operation Labor and Expense	179,484		179,484
43100602 Purchase of Water	8,800		8,800
43100611 Maint. of Structures & Improvements	18,375		18,375
43100612 Maint. of Collecting & Impounding Reservoir	166,783		166,783
43100613 Maint. of Lake, River and Other Intakes	1,000		1,000
43100614 Maint. of Wells & Springs	12,300		12,300
43100616 Maint. of Supply Mains	2,000		2,000
43100617 Maint. of Misc. Water Source Plant	88,770		88,770
TOTAL SOURCE OF SUPPLY EXPENSES	477,512	0	477,512

PUMPING EXPENSES

43100623 Fuel or Power Purchased for Pumping	358,000		358,000
43100624 Pumping Labor & Expense	173,740		173,740
43100626 Miscellaneous Expenses	76,542		76,542
43100631 Maint. of Structures & Improvements	3,000		3,000
43100633 Maint. of Pumping Equipment	193,535		193,535
TOTAL PUMPING EXPENSES	804,817	0	804,817

WATER TREATMENT EXPENSES

43100641 Chemicals	101,800		101,800
43100642 Operation Labor and Expense	698,778		698,778
43100643 Miscellaneous Expense	2,000		2,000
43100651 Maint. Of Structures & Improvements	32,100		32,100
43100652 Maint. Of Water Treatment Equipment	447,308		447,308
TOTAL WATER TREATMENT EXPENSE	1,281,986	0	1,281,986

TRANSMISSION AND DISTRIBUTION EXPENSES

43100663 Meter Expenses	131,999		131,999
43100664 Customer Installation Expenses	75,428		75,428
43100665 Miscellaneous Expenses	133,135		133,135
43100672 Maint of Distribution Reservoirs & Standpipes	15,712		15,712
43100673 Maint of Transmission & Distribution Mains	520,496		520,496
43100675 Maintenance of Services	250,427		250,427
43100676 Maintenance of Meters	52,112		52,112
43100677 Maintenance of Hydrants	257,314		257,314
TOTAL TRANSMISSION & DISTRIBUTION EXP.	1,436,623		1,436,623

ITEM NO. 36,623 7-5
PUC AGENDA 5/18/21

**TOWN OF WALLINGFORD
DEPARTMENT OF PUBLIC UTILITIES
WATER DIVISION
BUDGET - FISCAL YEAR 2020-2021**

	CURRENT BUDGET	PROPOSED AMENDMENT	PROPOSED AMENDED BUDGET
CUSTOMER ACCOUNT EXPENSES:			
43100902 Meter Reading Expenses	23,001		23,001
43100903 Customer Records & Collection Expense	151,661		151,661
TOTAL CUSTOMER ACCOUNT EXPENSES	174,662	0	174,662
ADMINISTRATIVE AND GENERAL EXPENSES:			
43100920 Administrative & General Salaries	728,528		728,528
43100921 Office Supplies & Other Expenses	30,100		30,100
43100923 Outside Services Employed	316,120		316,120
43100924 Property Insurance	55,000		55,000
43100925 Injuries & Damages	135,000		135,000
43100926 Employee Pensions & Benefits	343,800		343,800
43100928 Regulatory Expenses	26,000		26,000
43100930 Miscellaneous General Expenses	40,300		40,300
43100932 Maintenance of General Plant	77,068		77,068
TOTAL ADMINISTRATIVE & GENERAL EXP.	1,751,916	-	1,751,916
DEPRECIATION & TAX EXPENSES			
43100403 Depreciation Expense	2,041,210		2,041,210
43100408 Taxes Other Than Income Taxes	6,400		6,400
TOTAL DEPRECIATION & TAX EXPENSES	2,047,610	0	2,047,610
TOTAL OPERATING EXPENSES	7,975,126	-	7,975,126
OPERATING INCOME (LOSS)	(965,876)	-	(965,876)
NON-OPERATING REVENUE			
43100415 Rev. fr. Mdse. Jobbing & Contract Work	13,100		13,100
43100419 Interest and Dividend Income	174,300		174,300
43100421 Misc. Nonoperating Income	11,700		11,700
43100473 Connection Charges for Maintenance Reserve	87,780		87,780
TOTAL NON-OPERATING REVENUE	286,880	0	286,880
NON-OPERATING EXPENSES			
43100427 Interest on Long Term Debt	67,700		67,700
TOTAL NON-OPERATING EXPENSES	67,700	0	67,700
NET INCOME OR (LOSS)	(746,696)	-	(746,696)

ITEM NO. 7-6
PUC AGENDA 5/18/21

**TOWN OF WALLINGFORD
DEPARTMENT OF PUBLIC UTILITIES
WATER DIVISION
BUDGET - FISCAL YEAR 2020-2021**

	CURRENT BUDGET	PROPOSED AMENDMENT	PROPOSED AMENDED BUDGET
REGULAR CAPITAL ADDITIONS			
43300311	5,000		5,000
43300312	0		0
43300314	0		0
43300321	0		0
43300325	41,000		41,000
43300331	85,000		85,000
43300332	622,500		622,500
43300340	0		0
43300341	0		0
43300342	746,000		746,000
43300343	99,647		99,647
43300346	199,937		199,937
43300348	64,527		64,527
43300390	10,500		10,500
43300391	10,000		10,000
43300392	107,000		107,000
43300393	1,000		1,000
43300394	10,800		10,800
43300395	5,000		5,000
43300396	6,000		6,000
43300397	5,500		5,500
	<u>2,019,411</u>	-	<u>2,019,411</u>
CONTRIBUTED CAPITAL			
43300344	100,000		100,000
43300345	94,570		94,570
	<u>194,570</u>	-	<u>194,570</u>
	<u>2,213,981</u>	-	<u>2,213,981</u>

ITEM NO. 7-7
PUC AGENDA 5/18/21



Town of Wallingford, Connecticut

TONY BUCCHERI
GENERAL MANAGER

DEPARTMENT OF PUBLIC UTILITIES
100 JOHN STREET
WALLINGFORD, CONNECTICUT 06492

TELEPHONE 203-294-2265
FAX 203-294-2267

MEMORANDUM

To: PUC
Rick Hendershot, Director of Public Utilities

From: Tony Buccheri, General Manager-Electric

Date: May 13, 2021

Subject: *Projected Rates by Customer Class*

Attached you will find a table that summarizes the projected cost changes by customer class through FY 2025 inclusive of the proposed rates and projected wholesale power costs.



Tony Buccheri, General Manager-Electric

TB/mhl

Enclosure

ITEM NO. 9-1
PUC AGENDA 5/18/21

Average Rate Change by Customer Class

	FY22	FY23	FY24	FY25
Residential	0.0%	-1.0%	2.4%	3.1%
Small General Service	-2.2%	-0.9%	-3.4%	0.5%
Large General Service	-3.6%	-1.2%	-4.6%	0.7%
Primary	-2.2%	-1.4%	-0.8%	2.4%
Small Municipal	-2.8%	-1.0%	-3.9%	0.2%
Large Municipal	-3.7%	-1.3%	-4.3%	1.2%
Overall	-2.3%	-1.8%	-0.2%	2.0%

ITEM NO.

9-2

PUCAGENDA

5/18/21



Town of Wallingford, Connecticut

TONY BUCCHERI
GENERAL MANAGER

DEPARTMENT OF PUBLIC UTILITIES
100 JOHN STREET
WALLINGFORD, CONNECTICUT 06492

TELEPHONE 203-294-2265
FAX 203-294-2267

MEMORANDUM

To: Public Utility Commission (PUC)
From: Tony Buccheri, electric Division – General Manager
Date: May 11, 2021
Subject: Draft Rates for Approval

Attached you will find the draft Wallingford Electric Division Rate Sheets for FY22-FY25. These draft rates were presented to the PUC during the May 4, 2021 meeting for review and comment. The PUC is scheduled to adopt new rates for the time period noted at the May 18, 2021 meeting after the Public Hearing.

I would like to once again thank WED staff and the PLM rate consultant Mayhew Seavey for their hard work in developing rates that ensure revenues are adequate to cover expenses, and more equitably reflect rates of return by customer class.

Please let me know if you have any questions or concerns.

Tony Buccheri, General Manager-Electric

TB/mhl

Enclosure

cc: Rick Hendershot
Marianne Dill

ITEM NO. 10-1
PUC AGENDA 5/18/21

Appendix D – Tariff Sheets

Fiscal Year 2022

ITEM NO. 10^c2
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 1, RESIDENTIAL**

APPLICABLE:

This rate is applicable to all single family residences, single residential flats, single residential apartments, and multiple residential units metered through a single meter, provided that the electric service meets the requirements of the Character of Service detailed below. All service not meeting these criteria shall be classified under Rate 3 - Small General Service, Rate 4 - Large General Service, or Rate 5- Primary Service, as appropriate.

CHARACTER OF SERVICE:

Service furnished under this rate shall be single phase, 120/240 volts or 120/208 volts network, three-wire, 60 cycle alternating current, and at least fifty percent (50%) of the electric energy shall be used for residential purposes.

RATE PER MONTH:

CUSTOMER SERVICE CHARGE:	\$19.25
ENERGY CHARGE:	\$ 0.1232 per kWh

POWER COST ADJUSTMENT CHARGE:

The above rates shall be adjusted in accordance with the Power Cost Adjustment Clause set forth in Rate No. 12.

MINIMUM MONTHLY CHARGE:

The minimum monthly charge shall be the Customer Service Charge.

DELAYED PAYMENT CHARGE:

Five percent (5%) of the above-computed billing or minimum charge will be added to the bill if not paid within twenty (20) days from rendition of bill.

ITEM NO. 10-3
PUC AGENDA 5/18/21

SENIOR CITIZEN DELAYED PAYMENT CHARGE:

Any senior citizen 65 years or older, upon a one-time written request, will receive an additional ten (10) days from the rendition of the electric bill, for a total of thirty (30) days, prior to adding the (5%) Delayed Payment Charge as described above. The senior citizen applying must provide proof of age in order to receive this additional time for payment.

TERMS AND CONDITIONS:

All electric service rendered hereunder is subject to the rules stated in the "Electric Service Information and Regulations" publication of the Electric Division.

Effective: July 1, 2021

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-4
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 2, RESIDENTIAL-MUNICIPAL ELECTRIC DIVISION EMPLOYEE**

APPLICABLE:

To all full-time permanent employees of the Wallingford Electric Division. The Residential-Municipal Electric Division Employee, Rate No. 2, shall be the same as Rate No. 1, Residential, except that the Customer Service Charge is billed at \$17.25.

AVAILABILITY:

This rate is available only for those customers already assigned to this rate as of September 30, 2005.

Effective: July 1, 2021

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-5
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 3, SMALL GENERAL SERVICE**

RATE NO. 3-M, SMALL GENERAL SERVICE, MANUFACTURER

RATE NO. 3-R, SMALL GENERAL SERVICE, RESIDENTIAL

APPLICABLE:

This rate is applicable to customers served through a single metering installation and whose monthly kilowatt demand does not exceed 25 kW in any two of the billing months within the most current twelve month period. For churches only, demand may exceed 25 kW.

The Manufacturer Rate listed below reflects the adjustment of all applicable charges in order to provide the proper benefit of reduced Gross Earnings Tax. Eligibility for the Manufacturer Rate will be determined by application from the customer confirmed by standards set by the State of Connecticut in accordance with Standard Industrial Classification Manual, U. S. Office of Management and Budget, 1987 Edition, classification 2000 to 3999 inclusive or with Sector 31, 32 or 33 of the North American Industrial Classification System, United States Manual, U. S. Office of Management and Budget, 1997 Edition.

The Residential Rate listed below reflects the adjustment of all applicable charges in order to provide the proper benefit of reduced Gross Earnings Tax. Eligibility for the Residential Rate will be based upon the customer certifying and the Wallingford Electric Division concurring that at least fifty percent (50%) of the electric energy shall be used for residential purposes.

CHARACTER OF SERVICE:

Service furnished under this rate shall be 60-cycle alternating current, single phase or three phase as available, at secondary voltages optional with the Electric Division.

RATE PER MONTH:

RATE NO. 3, SMALL GENERAL SERVICE

CUSTOMER SERVICE CHARGE:	\$23.65
ENERGY CHARGE:	\$ 0.1301 per kWh

ITEM NO. 10-6
PUC AGENDA 5/18/21

RATE NO. 3-M, SMALL GENERAL SERVICE, MANUFACTURER

CUSTOMER SERVICE CHARGE: \$21.64
ENERGY CHARGE: \$ 0.1263 per kWh

RATE NO.3-R, SMALL GENERAL SERVICE, RESIDENTIAL

CUSTOMER SERVICE CHARGE: \$23.25
ENERGY CHARGE: \$ 0.1293 per kWh

POWER COST ADJUSTMENT:

The above rates shall be adjusted in accordance with the Power Cost Adjustment Clause set forth in Rate No. 12.

MINIMUM MONTHLY CHARGE:

The minimum monthly charge shall be the appropriate Customer Service Charge.

SEASONAL MINIMUM CHARGE:

For declared seasonal customer, the minimum monthly charge during the active season will be the applicable customer charge. For the inactive season, the minimum monthly charge shall be sixty (60%) percent of the applicable customer charge. The minimum charges shall be due and payable with the first active season monthly bill. The seasonal service provision is available to customers who notify the Electric Division as electing either an active winter season (the billing months of November through April) or an active summer season (the billing months of May through October).

Any customer receiving a regular zero kilowatt-hour bill will be assumed to be an undeclared seasonal customer and will be billed at the applicable customer charge.

Any customer terminating service on a seasonal basis will be considered an active seasonal customer and the inactive season minimum monthly charge shall apply and shall be due and payable prior to the Electric Division reinstating electric service.

DELAYED PAYMENT CHARGE:

Five percent (5%) of the above-computed billing or minimum charge will be added to the bill if not paid within twenty (20) days from rendition of bill.

ITEM NO. 10-7
PUC AGENDA 5/18/21

TERMS AND CONDITIONS:

All electric service rendered hereunder is subject to the Rules stated in the "Electric Service Information and Regulations" publication of the Electric Division.

Effective: July 1, 2021

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-8
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 4, LARGE GENERAL SERVICE**

RATE NO. 4-M, LARGE GENERAL SERVICE, MANUFACTURER

RATE NO. 4-R, LARGE GENERAL SERVICE, RESIDENTIAL

APPLICABLE:

This rate is applicable to customers served through a single metering installation and whose monthly kilowatt demand exceeds 25 kW in any two of the billing months within the most current twelve month period, but is not in excess of 400 kW for any two consecutive months.

The Manufacturer rate listed below reflects the adjustment of all applicable charges in order to provide the proper benefit of reduced Gross Earnings Tax. Eligibility for the Manufacturer Rate will be determined by application from the customer confirmed by standards set by the State of Connecticut in accordance with Standard Industrial Classification Manual, U. S. Office of Management and Budget, 1987 Edition, classification 2000 to 3999 inclusive or with Sector 31, 32 or 33 of the North American Industrial Classification System, United States Manual, U. S. Office of Management and Budget, 1997 Edition.

The Residential Rate listed below reflects the adjustment of all applicable charges in order to provide the proper benefit of reduced Gross Earnings Tax. Eligibility for the Residential Rate will be based upon the customer certifying and the Wallingford Electric Division concurring that at least fifty percent (50%) of the electric energy shall be used for residential purposes

CHARACTER OF SERVICE:

Service furnished under this rate shall be 60-cycle alternating current, single phase or three phase as available, at secondary voltages optional with the Electric Division.

RATE PER MONTH:

RATE NO. 4, LARGE GENERAL SERVICE

CUSTOMER SERVICE CHARGE: \$90.00

ITEM NO. 10-9
PUC AGENDA 5/18/21

DEMAND CHARGE: \$ 15.25 per kW
ENERGY CHARGE: \$.0684 per kWh

RATE NO. 4-M, LARGE GENERAL SERVICE, MANUFACTURER

CUSTOMER SERVICE CHARGE: \$82.35
DEMAND CHARGE: \$ 13.72 per kW
ENERGY CHARGE: \$ 0.0684 per kWh

RATE NO. 4-R, LARGE GENERAL SERVICE, RESIDENTIAL

CUSTOMER SERVICE CHARGE: \$88.47
DEMAND CHARGE: \$ 14.92 per kW
ENERGY CHARGE: \$ 0.0684 per kWh

POWER COST ADJUSTMENT CHARGE:

The above rates shall be adjusted in accordance with the Power Cost Adjustment Clause set forth on Rate No. 12.

MINIMUM MONTHLY CHARGE:

The minimum monthly charge shall be the appropriate Customer Service Charge plus the Demand Charge.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the maximum fifteen (15) minute measured integrated kilowatt demand in the month. For determining the kilowatt demand in any month, the kilowatt billing demand shall be the maximum demand in the month but not less than seventy percent (70%) of the highest kilowatt demand occurring during the immediate preceding May, June, July, August, September and October months. Minimum Billing Demand shall be 17.5 kW.

METERING:

This rate applies to service at secondary voltage. At the option of the Electric Division, metering may be installed at the primary voltage side of the step-down transformers, in which event, two percent (2%) shall be deducted from the kW demand, KVAR demand and energy readings to adjust them to the secondary voltage level for billing purposes.

ITEM NO. 10-10
PUC AGENDA 5/18/21

SEASONAL MINIMUM CHARGE:

For declared seasonal customer, the minimum monthly charge during the active season will be the applicable customer charge. For the inactive season, the minimum monthly charge shall be sixty percent (60%) of the applicable customer charge. The minimum charges shall be due and payable with the first active season monthly bill. The seasonal service provision is available to customers who notify the Electric Division as electing either an active winter season (the billing months of November through April) or an active summer season (the billing months of May through October).

Any customer receiving a regular zero kilowatt-hour bill will be assumed to be an undeclared seasonal customer and will be billed at the applicable customer charge.

Any customer terminating service on a seasonal basis will be considered an active seasonal customer and the inactive season minimum monthly charge shall apply and shall be due and payable prior to the Electric Division reinstating electric service.

REACTIVE DEMAND CHARGE:

The Wallingford Electric Division may elect to install reactive metering to measure low power factor conditions. In the event that the maximum KVAR demand for the month is in excess of thirty-five percent (35%) of the maximum kilowatt demand in the month, the excess shall be charged at \$2.70 per KVAR for Rate 4 customers, at \$2.47 per KVAR for Rate 4-M customers and at \$2.65 per KVAR for Rate 4-R customers.

DELAYED PAYMENT CHARGE:

Five percent (5%) of the above-computed billing or minimum charge will be added to the bill if not paid within twenty (20) days from rendition of bill.

TERMS AND CONDITIONS:

All electric service rendered hereunder is subject to the rules stated in the "Electric Service Information and Regulations" publication of the Electric Division.

Effective: July 1, 2021

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-11
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 5, PRIMARY SERVICE**

RATE NO. 5-M, PRIMARY SERVICE, MANUFACTURER

RATE NO. 5-R, PRIMARY SERVICE, RESIDENTIAL

APPLICABLE:

This rate is applicable for primary, high voltage service to customers served through a single metering installation whose monthly kilowatt demands are in excess of 400 kW for two consecutive months. The customer shall normally furnish and maintain all equipment necessary to receive and transform the energy purchased.

The Manufacturer Rate listed below reflects the adjustment of all applicable charges in order to provide the proper benefit of reduced Gross Earnings Tax. Eligibility for the Manufacturer Rate will be determined by application from the customer confirmed by standards set by the State of Connecticut in accordance with Standard Industrial Classification Manual, U. S. Office of Management and Budget, 1987 Edition, classification 2000 to 3999 inclusive or with Sector 31, 32 or 33 of the North American Industrial Classification System, United States Manual, U. S. Office of Management and Budget, 1997 Edition.

The Residential Rate listed below reflects the adjustment of all applicable charges in order to provide the proper benefit of reduced Gross Earnings Tax. Eligibility for the Residential Rate will be based upon the customer certifying and the Wallingford Electric Division concurring that at least fifty percent (50%) of the electric energy shall be used for residential purposes.

CHARACTER OF SERVICE:

Service furnished under this rate shall be three phase, 60-cycle alternating current at a nominal voltage of 13,800 volts.

RATE PER MONTH:

RATE NO. 5, PRIMARY SERVICE

CUSTOMER SERVICE CHARGE:

\$275.00

ITEM NO. 10-12
PUC AGENDA 5/18/21

DEMAND CHARGE: \$ 20.46 per kW
ENERGY CHARGE: \$ 0.0534 per kWh

RATE NO. 5-M, PRIMARY SERVICE, MANUFACTURER

CUSTOMER SERVICE CHARGE: \$251.63
DEMAND CHARGE: \$ 19.00 per kW
ENERGY CHARGE: \$ 0.0534 per kWh

RATE NO. 5-R, PRIMARY SERVICE, RESIDENTIAL

CUSTOMER SERVICE CHARGE: \$270.33
DEMAND CHARGE: \$ 20.15 per kW
ENERGY CHARGE: \$ 0.0534 per kWh

REACTIVE DEMAND CHARGE:

In the event that the maximum KVAR demand for the month is in excess of thirty-five percent (35%) of the maximum kilowatt demand in the month, the excess shall be charged for at \$2.70 per KVAR for Rate 5 customers, at \$2.47 per KVAR for Rate 5-M customers and at \$2.65 per KVAR for Rate 5-R customers.

POWER COST ADJUSTMENT CHARGE:

The above rates shall be adjusted in accordance with the Power Cost Adjustment Clause set forth in Rate No. 12.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the highest fifteen (15) minute measured integrated kilowatt demand in the month. For determining the kilowatt demand in any month, the kilowatt demand shall be the maximum demand in the month, but not less than seventy percent (70%) of the highest demand during the preceding May, June, July, August, September and October months. Minimum Billing Demand shall be 280 kW.

The above paragraph notwithstanding, a customer's highest fifteen (15) minute measured integrated kilowatt demand during the hours from 11:00 p.m. to 7:00 a.m. on all days, and also such additional hours as may be designated by the Electric

ITEM NO. 10-13
PUC AGENDA 5/18/21

Division, may exceed regular billing demand by twenty-five percent (25%) without added charge. Any kilowatt demand during this period which exceeds regular billing demand by more than twenty-five percent (25%) will be at the regular charge.

DETERMINATION OF REACTIVE DEMAND:

Reactive demand shall be the highest single integrated fifteen (15) minute measured kVAR demand occurring during the billing month.

METERING:

This rate applies to service at primary voltage. At the option of the Electric Division, metering may be installed at the low voltage side of the step-down transformers, in which event, two percent (2%) shall be added to the kW demand, kVAR demand and energy readings to adjust them to the primary voltage level for billing purposes.

EQUIPMENT OWNERSHIP:

This rate applies to service wherein the customer furnishes and maintains the transformers and the supply connection. If the Electric Division furnishes and maintains such transformers, an added charge of \$0.30 per kVA of installed transformer capacity shall be charged per month.

MINIMUM MONTHLY CHARGE:

The minimum monthly charge shall be the appropriate Customer Service Charge plus the Demand Charge.

DELAYED PAYMENT CHARGE:

Five percent (5%) of the above-computed billing or minimum charge will be added to the bill if not paid within twenty (20) days from rendition of bill.

TERMS AND CONDITIONS:

All electric service rendered hereunder is subject to the rules stated in the "Electric Service Information and Regulations" publication of the Electric Division.

Effective: July 1, 2021

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-14
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 6, NON-MUNICIPAL LIGHTING**

APPLICABLE:

To any customer other than the Town of Wallingford for outdoor lighting.

CHARACTER OF SERVICE:

This rate is available for unmetered lighting service to any customer (other than the Town of Wallingford or any subdivision or department thereof) for lighting of outdoor areas by aerial construction only where such service can be supplied by the installation of lighting fixtures on Electric Division poles supplied directly from existing secondary circuits on such poles, except as provided herein.

RATE PER MONTH:

For each luminaire with lamp controlled automatically:

Type and Size

	<u>Unit Rate per Lamp</u>	<u>Energy \$/kWh</u>	<u>kWh per mo.</u>
High Pressure Sodium			
70 Watt Street Light	\$ 6.10	\$0.0945	29
100 Watt Street Light	\$ 6.10	\$0.0945	41
100 Watt Street Light (Underground)	\$ 7.95	\$0.0945	41
250 Watt Street Light	\$ 6.10	\$0.0945	105
250 Watt Street Light (Underground)	\$ 7.95	\$0.0945	105
400 Watt Street Light	\$ 9.25	\$0.0945	163
250 Watt Flood Light	\$ 8.00	\$0.0945	105
400 Watt Flood Light	\$ 12.50	\$0.0945	163
Extra Pole, Per Pole	\$ 1.85		
Extra Spans, per Span	\$ 0.55		

	<u>Unit Rate per Lamp</u>	<u>Energy \$/kWh</u>	<u>kWh per mo.</u>
Light Emitting Diode			
34 Watt Street Light (70W equivalent)	\$ 5.43	\$0.0945	12
54 Watt Street Light (100W equivalent)	\$ 5.47	\$0.0945	19
139 Watt Street Light (250W equivalent)	\$ 7.39	\$0.0945	48
275 Watt Street Light (400W equivalent)	\$ 9.10	\$0.0945	95

ITEM NO. 10-15
PUC AGENDA 5/18/21

125 Watt Flood Light (250W equivalent)	\$ 6.77	\$0.0945	43
200 Watt Flood Light (400W equivalent)	\$ 8.44	\$0.0945	69

UNDERGROUND WIRING LIGHTING SERVICE:

For installations where lighting is provided by underground wiring and the Electric Division assumes responsibility for the maintenance and operation of the lighting system, a thirty percent (30%) surcharge shall be added to the base Unit Rate Per Lamp for each unit.

POWER COST ADJUSTMENT CHARGE:

The above rates shall be adjusted in accordance with the power Cost Adjustment Clause set forth in Rate No. 12 using the monthly consumption of each lamp as detailed above.

DELAYED PAYMENT CHARGE:

Five percent (5%) of the above-computed billing will be added to the bill if not paid within twenty (20) days from rendition of bill.

TERM OF CONTRACT:

For a fixed term not less than five (5) years, and for such time thereafter until terminated by either party giving thirty (30) days written notice to the other. All existing contracts upon renewal must comply with this schedule.

TERMS AND CONDITIONS:

All facilities shall be owned and maintained by the Division. The customer assumes responsibility for any misuse or abuse to Electric Division's property. All service, necessary maintenance, and installation changes are subject to the normal scheduling of manpower availability and will be performed only during the regular scheduled working hours of the Division. The Electric Division does not guarantee continuous lighting but shall exercise reasonable diligence in maintaining lights.

All electric service rendered hereunder is subject to the rules stated in the "Electric Service Information and Regulations" publication of the Electric Division.

Effective: July 1, 2021

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-10
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 7, MUNICIPAL LIGHTING**

APPLICABLE:

To the Town of Wallingford for municipal street lighting, and outdoor lighting service.

CHARACTER OF SERVICE:

This rate is available for unmetered lighting service on Town of Wallingford streets and installations.

RATE PER MONTH:

Type and Size

	<u>Unit Rate per Lamp</u>	<u>Energy \$/kWh</u>	<u>kWh per mo.</u>
High Pressure Sodium			
70 Watt Street Light	\$ 4.15	\$0.0945	29
70 Watt Street Light (Underground)	\$ 5.40	\$0.0945	29
100 Watt Street Light	\$ 4.15	\$0.0945	41
100 Watt Street Light (Underground)	\$ 5.45	\$0.0945	41
250 Watt Street Light	\$ 4.10	\$0.0945	105
250 Watt Street Light (Underground)	\$ 5.35	\$0.0945	105
400 Watt Street Light	\$ 7.00	\$0.0945	163
400 Watt Street Light (Underground)	\$ 9.15	\$0.0945	163
400 Watt Street Light w/ Alum. Pole	\$ 16.00	\$0.0945	163
250 Watt Flood Light	\$ 6.00	\$0.0945	105
400 Watt Flood Light	\$ 9.65	\$0.0945	163
100 Watt Post Top Underground	\$ 5.45	\$0.0945	41
150 Watt Post Top Ornamental	\$ 5.45	\$0.0945	59
Extra Pole, Per Pole	\$ 1.85		
Extra Spans, per Span	\$ 0.55		

	<u>Unit Rate per Lamp</u>	<u>Energy \$/kWh</u>	<u>kWh per mo.</u>
Light Emitting Diode			
34 Watt Street Light (70W equivalent)	\$ 2.74	\$0.0945	12
54 Watt Street Light (100W equivalent)	\$ 2.75	\$0.0945	19
101 Watt Street Light (150W equivalent)	\$ 2.97	\$0.0945	35
139 Watt Street Light (250W equivalent)	\$ 3.52	\$0.0945	48

ITEM NO. 10-17
PUC AGENDA 5/18/01

275 Watt Street Light (400W equivalent)	\$ 4.20	\$0.0945	95
125 Watt Flood Light (250W equivalent)	\$ 3.27	\$0.0945	43
200 Watt Flood Light (400W equivalent)	\$ 3.94	\$0.0945	69
45 Watt Post Top Undrgrnd (100W equiv.)	\$ 5.31	\$0.0945	16
75 Watt Post Top Ornamental(150W equiv.)	\$ 14.72	\$0.0945	26

UNDERGROUND WIRING LIGHTING SERVICE:

For installations where lighting is provided by underground wiring and the Electric Division assumes responsibility for the maintenance and operation of the lighting system, a thirty percent (30%) surcharge shall be added to the base Unit Rate Per Lamp for each unit.

POWER COST ADJUSTMENT CHARGE:

The above rates shall be adjusted in accordance with the Power Cost Adjustment Clause set forth in Rate No. 12.using the monthly consumption of each lamp as detailed above.

TERMS AND CONDITIONS:

All facilities shall be owned and maintained by the Division. All service, and necessary maintenance, will be performed only during the regular scheduled working hours of the Division. The Electric Division does not guarantee continuous lighting but shall exercise reasonable diligence in maintaining lights.

All electric service rendered hereunder is subject to the rules stated in the "Electric Service Information and Regulations" publication of the Electric Division.

Effective: July 1, 2021

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-18
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 8, SMALL MUNICIPAL SERVICE**

APPLICABLE:

To all Town of Wallingford municipal departments, divisions, boards, and agencies whose operations are supported, in whole or in part, from municipal tax funds. This rate is applicable for service through a single-metering installation where the monthly kilowatt demand does not exceed 25 kW in any two of the billing months within the most current twelve month period.

CHARACTER OF SERVICE:

Service furnished under this rate shall be 60-cycle alternating current, single phase or three phase as available, at secondary voltages optional with the Electric Division.

RATE PER MONTH:

CUSTOMER SERVICE CHARGE: \$23.65
ENERGY CHARGE: \$ 0.1233 per kWh

POWER COST ADJUSTMENT CHARGE:

The above rates shall be adjusted in accordance with the Power Cost Adjustment Clause set forth in Rate No. 12.

MINIMUM MONTHLY CHARGE:

The minimum monthly charge shall be the Customer Service Charge.

TERMS AND CONDITIONS:

All electric service rendered hereunder is subject to the rules stated in the "Electric Service Information and Regulations" publication of the Electric Division.

Effective: July 1, 2021

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-19
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 9, LARGE MUNICIPAL SERVICE**

APPLICABLE:

To all Town of Wallingford municipal departments, divisions, boards and agencies whose operations are supported, in whole or in part, from municipal tax funds. This rate is applicable to single metering installations whose monthly kilowatt demand exceeds 25 kW in any two of the billing months within the most current twelve month period.

CHARACTER OF SERVICE:

Service furnished under this rate shall be 60-cycle alternating current, single phase or three phase as available, at secondary voltages optional with the Electric Division.

RATE PER MONTH:

CUSTOMER SERVICE CHARGE:	\$90.00
DEMAND CHARGE:	\$ 14.80 per kW
ENERGY CHARGE:	\$ 0.0646 per kWh

POWER COST ADJUSTMENT CHARGE:

The above rates shall be adjusted in accordance with the Power Cost Adjustment Clause set forth in Rate No. 12.

MINIMUM MONTHLY CHARGE:

The minimum monthly charge shall be the Customer Service Charge

DETERMINATION OF BILLING DEMAND:

Demand shall be the maximum fifteen (15) minute measured integrated kilowatt demand in the month. Minimum Billing Demand shall not be less than 17.5 kW.

ITEM NO. 10-20
PUC AGENDA 5/18/21

TERMS AND CONDITIONS:

All electric service rendered hereunder is subject to the rules stated in the "Electric Service Information and Regulations" publication of the Electric Division.

Effective: July 1, 2021

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-21
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 11, TRAFFIC SIGNALS SERVICE**

APPLICABLE:

This rate is applicable to all traffic signal installations billed to the Town of Wallingford.

CHARACTER OF SERVICE:

Service furnished under this rate shall be single phase, 120/240 volts, three-wire, 60-cycle alternating current, metered or unmetered supplied from existing aerial facilities.

RATE PER MONTH:

CUSTOMER SERVICE CHARGE	\$ 18.50
ENERGY CHARGE:	\$0.1114 per kWh

POWER COST ADJUSTMENT:

The above rates shall be adjusted in accordance with the Power Cost Adjustment Clause set forth in Rate No. 12.

MINIMUM MONTHLY CHARGE:

The minimum monthly charge shall be the Customer Service Charge.

TERMS AND CONDITIONS:

All electric service rendered hereunder is subject to the rules statements in the "Electric Service Information and Regulations" publication of the Electric Division.

Effective: July 1, 2021

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-22
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 12
POWER COST ADJUSTMENT CLAUSE**

NET MONTHLY CHARGE OR CREDIT

The net monthly charge or credit shall be computed by multiplying the Power Cost Adjustment Factor ("PCA") in dollars per kilowatt-hour ("\$/kWh") by the customer's kilowatt-hours billed (measured or estimated) in the month.

STANDARD FREQUENCY OF PCA CALCULATION

Except in cases where a mid-period calculation of the PCA takes place, as described below, the PCA shall be computed twice each year based on the attached worksheet, at such times so that any revised PCA can be implemented on bills dated July through December and January through June. The calculation is designed to provide periodic true up of projected power costs to actual power costs. Furthermore, the PCA that is established only for the period of January 1, 2017 through June 30, 2017 shall utilize the previous eight (8) month period of May 2016 through December 2016 and there shall be no routine PCA adjustment on November 1, 2016.

MID-PERIOD CALCULATION OF THE PCA

It may be determined during a given six-month period, as defined above, that the actual power costs to date during that period, plus the forecasted power costs for the remainder of that period, will be significantly greater than or less than the forecasted power costs upon which the PCA for that period was based. When that difference in power costs is of such magnitude that a PCA calculation for that period based on the updated power costs would produce a PCA that varies from the actual PCA for that period by more than \$0.005 per kWh, then the PUC may authorize a mid-period calculation of the PCA. For the period July through December, the re-calculated PCA shall be effective for the remaining period October through December. This provision provides the means to minimize the amount of over-collection or under-collection in a given six-month period due to actual power costs varying significantly from forecasted power costs.

ITEM NO. 10-23
PUC AGENDA 5/18/21

In the event that the PUC elects to authorize a mid-period calculation, the PCA shall be calculated based on the attached worksheet, for the same six-month period that was the basis for the prevailing PCA. For example: For a mid-period calculation that will be effective October 1, the previous six-month period used in the calculation shall be the previous January through June. The next six-month period used in the calculation shall be the current period: July through December.

PUC ADJUSTMENT OF THE CALCULATED PCA

Subject to the stipulations listed below, the PUC may adjust the PCA that is calculated based on the attached worksheet, for any three-month or six-month period described above when, without adjustment, the PCA for that period would vary from the PCA for the preceding period by more than \$.005 per kWh. This provision enables the PUC to reduce the impact on customers of large swings in power cost.

REDUCTION IN THE CALCULATED PCA

The amount by which the calculated PCA may be reduced shall be limited by the following stipulation: The projected cash reserve balance at the end of the period for which the PCA is set shall not be less than the greater of the following: \$10,000,000 or 80% of the prevailing minimum recommended cash reserve level, inclusive of any RSA (as defined below) approved by the PUC for that period.

INCREASE IN THE CALCULATED PCA

The amount by which the calculated PCA may be increased shall be limited by the following stipulation: The cash reserve balance at the time of the adjustment shall not be greater than 120% of the prevailing minimum recommended cash reserve level.

Adjustments of the PCA shall be excluded from the value of over-collection or under-collection as contained in the worksheet for calculating the PCA.

RATE STABILIZATION ADJUSTMENT (The "RSA")

The RSA assigns WED cash to reduce the wholesale power costs that will be entered into the calculation of the PCA for a future six-month PCA period.

The PUC may, at any time prior to the calculation of the PCA for a six-month period, approve the application of an RSA in order to cover up to 100% of the portion of a Qualifying Wholesale Power Cost that is expected to occur within that six-month period.

ITEM NO. 10-24
PUC AGENDA 5/18/21

The amount of the RSA shall not exceed the difference between the WED's cash reserve balance and the prevailing minimum recommended cash reserve level. For the purpose of this comparison, the cash reserve balance shall be the forecast value at the end of the six-month PCA period, exclusive of the effect of the proposed RSA. The minimum recommended cash reserve level shall be calculated at the time of the forecast for the cash reserve balance.

Application of the RSA shall be excluded from the value of over-collection or under-collection as contained in the worksheet for calculating the PCA.

A Qualifying Wholesale Power Cost is any future wholesale power cost that the WED will pay over a defined period of time, which is known with reasonable certainty.

Examples include the following:

- a. Single year increase in a given ISO-NE charge: In a three-year period the WED's net cost for capacity in the middle year is forecast to be significantly higher than in the first or second year.
- b. One-time charges: The FERC requires ISO-NE to carry out a Capacity Resettlement, which will result in a one-time charge to the WED.
- c. Deviations from base year power costs: The WED has adopted rates that are designed to recover the same wholesale power cost in the base rates (non-PCA charges) for two or more years, using one of these years as the base year. Deviations in power cost from the base year cost are contained in the PCA's for the non-base years.

Effective: July 1, 2021

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

Rate 12

ITEM NO. 10-25
PUC AGENDA 5/18/21

WORKSHEET FOR CALCULATING SIX MONTH PCA

1. Purchased Power costs for previous six months \$ _____
2. Sales during previous six months MWh _____
3. Base Purchased Power Rate during previous six months \$/MWh _____
4. Net PCA used during previous six months \$/MWh _____
5. Calculation: (3) + (4) \$/MWh _____
6. Calculation: (2) x (5) \$ _____
7. Under (Over) Collection during previous six months (1) - (6) \$ _____
8. Adjustment for estimates in prior PCA calculation \$ _____
9. Adjustment for PUC action to adjust PCA in previous six months including RSA \$ _____
10. Net Adjustment (7) + (8) + (9) \$ _____
11. Projected Sales over next six months MWh _____
12. Projected Purchased Power costs over next six months \$ _____
13. Base Purchased Power Rate over next six months \$/MWh _____
14. Calculation: (10) + (12) \$ _____
15. Calculation: (14) / (11) \$/MWh _____
16. Net PCA for next six months [(15) - (13)] / 1000 \$/kWh _____
17. North Branford current six month PCA Calculation: (16) + NTR \$/kWh _____

Rate 12

ITEM NO. 10-26
PUC AGENDA 5/18/21

NTR = North Branford tax rate adjustment expressed in \$/kWh

NTR is calculated as follows:

$$NTR = \frac{NT}{NKWH}$$

Where NT is the amount of North Branford taxes paid by the Electric Division in the most recent six months, and NKWH represents the estimated kilowatt-hours sales from the Wallingford Electric Division distribution system to customers in the Northford section of North Branford in the current period.

Rate 13

ITEM NO. 10-27
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**RATE NO. 13
MISCELLANEOUS CHARGES AND FEES**

Re-energization of Service during normal working hours	\$80.00
Re-energization of Service outside of normal working hours	\$140.00
Returned check	\$40.00
Install and remove a Temporary Overhead Service	\$870.00
Install a Wooden Pole for non-Municipal lighting	\$975.00
Early Replacement of a non-LED Private (non-Municipal) Light (a)	\$145.00

Effective: July 1, 2021

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-28
PUC AGENDA 5/18/21

Fiscal Year 2024

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 1, RESIDENTIAL**

APPLICABLE:

This rate is applicable to all single family residences, single residential flats, single residential apartments, and multiple residential units metered through a single meter, provided that the electric service meets the requirements of the Character of Service detailed below. All service not meeting these criteria shall be classified under Rate 3 - Small General Service, Rate 4 - Large General Service, or Rate 5- Primary Service, as appropriate.

CHARACTER OF SERVICE:

Service furnished under this rate shall be single phase, 120/240 volts or 120/208 volts network, three-wire, 60 cycle alternating current, and at least fifty percent (50%) of the electric energy shall be used for residential purposes.

RATE PER MONTH:

CUSTOMER SERVICE CHARGE:	\$19.25
ENERGY CHARGE:	\$ 0.1292 per kWh

POWER COST ADJUSTMENT CHARGE:

The above rates shall be adjusted in accordance with the Power Cost Adjustment Clause set forth in Rate No. 12.

MINIMUM MONTHLY CHARGE:

The minimum monthly charge shall be the Customer Service Charge.

DELAYED PAYMENT CHARGE:

Five percent (5%) of the above-computed billing or minimum charge will be added to the bill if not paid within twenty (20) days from rendition of bill.

ITEM NO. 10-30
PUC AGENDA 5/18/01

SENIOR CITIZEN DELAYED PAYMENT CHARGE:

Any senior citizen 65 years or older, upon a one-time written request, will receive an additional ten (10) days from the rendition of the electric bill, for a total of thirty (30) days, prior to adding the (5%) Delayed Payment Charge as described above. The senior citizen applying must provide proof of age in order to receive this additional time for payment.

TERMS AND CONDITIONS:

All electric service rendered hereunder is subject to the rules stated in the "Electric Service Information and Regulations" publication of the Electric Division.

Effective: July 1, 2023

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-31
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 2, RESIDENTIAL-MUNICIPAL ELECTRIC DIVISION EMPLOYEE**

APPLICABLE:

To all full-time permanent employees of the Wallingford Electric Division. The Residential-Municipal Electric Division Employee, Rate No. 2, shall be the same as Rate No. 1, Residential, except that the Customer Service Charge is billed at \$17.25.

AVAILABILITY:

This rate is available only for those customers already assigned to this rate as of September 30, 2005.

Effective: July 1, 2023

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-32
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 3, SMALL GENERAL SERVICE**

RATE NO. 3-M, SMALL GENERAL SERVICE, MANUFACTURER

RATE NO. 3-R, SMALL GENERAL SERVICE, RESIDENTIAL

APPLICABLE:

This rate is applicable to customers served through a single metering installation and whose monthly kilowatt demand does not exceed 25 kW in any two of the billing months within the most current twelve month period. For churches only, demand may exceed 25 kW.

The Manufacturer Rate listed below reflects the adjustment of all applicable charges in order to provide the proper benefit of reduced Gross Earnings Tax. Eligibility for the Manufacturer Rate will be determined by application from the customer confirmed by standards set by the State of Connecticut in accordance with Standard Industrial Classification Manual, U. S. Office of Management and Budget, 1987 Edition, classification 2000 to 3999 inclusive or with Sector 31, 32 or 33 of the North American Industrial Classification System, United States Manual, U. S. Office of Management and Budget, 1997 Edition.

The Residential Rate listed below reflects the adjustment of all applicable charges in order to provide the proper benefit of reduced Gross Earnings Tax. Eligibility for the Residential Rate will be based upon the customer certifying and the Wallingford Electric Division concurring that at least fifty percent (50%) of the electric energy shall be used for residential purposes.

CHARACTER OF SERVICE:

Service furnished under this rate shall be 60-cycle alternating current, single phase or three phase as available, at secondary voltages optional with the Electric Division.

RATE PER MONTH:

RATE NO. 3, SMALL GENERAL SERVICE

CUSTOMER SERVICE CHARGE:	\$23.65
ENERGY CHARGE:	\$ 0.1277 per kWh

ITEM NO. 10-33
PUC AGENDA 5/18/21

RATE NO. 3-M, SMALL GENERAL SERVICE, MANUFACTURER

CUSTOMER SERVICE CHARGE: \$21.64
ENERGY CHARGE: \$ 0.1240 per kWh

RATE NO.3-R, SMALL GENERAL SERVICE, RESIDENTIAL

CUSTOMER SERVICE CHARGE: \$23.25
ENERGY CHARGE: \$ 0.1269 per kWh

POWER COST ADJUSTMENT:

The above rates shall be adjusted in accordance with the Power Cost Adjustment Clause set forth in Rate No. 12.

MINIMUM MONTHLY CHARGE:

The minimum monthly charge shall be the appropriate Customer Service Charge.

SEASONAL MINIMUM CHARGE:

For declared seasonal customer, the minimum monthly charge during the active season will be the applicable customer charge. For the inactive season, the minimum monthly charge shall be sixty (60%) percent of the applicable customer charge. The minimum charges shall be due and payable with the first active season monthly bill. The seasonal service provision is available to customers who notify the Electric Division as electing either an active winter season (the billing months of November through April) or an active summer season (the billing months of May through October).

Any customer receiving a regular zero kilowatt-hour bill will be assumed to be an undeclared seasonal customer and will be billed at the applicable customer charge.

Any customer terminating service on a seasonal basis will be considered an active seasonal customer and the inactive season minimum monthly charge shall apply and shall be due and payable prior to the Electric Division reinstating electric service.

DELAYED PAYMENT CHARGE:

Five percent (5%) of the above-computed billing or minimum charge will be added to the bill if not paid within twenty (20) days from rendition of bill.

ITEM NO. 10-34
PUC AGENDA 5/18/21

TERMS AND CONDITIONS:

All electric service rendered hereunder is subject to the Rules stated in the "Electric Service Information and Regulations" publication of the Electric Division.

Effective: July 1, 2023

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-35
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 4, LARGE GENERAL SERVICE**

RATE NO. 4-M, LARGE GENERAL SERVICE, MANUFACTURER

RATE NO. 4-R, LARGE GENERAL SERVICE, RESIDENTIAL

APPLICABLE:

This rate is applicable to customers served through a single metering installation and whose monthly kilowatt demand exceeds 25 kW in any two of the billing months within the most current twelve month period, but is not in excess of 400 kW for any two consecutive months.

The Manufacturer rate listed below reflects the adjustment of all applicable charges in order to provide the proper benefit of reduced Gross Earnings Tax. Eligibility for the Manufacturer Rate will be determined by application from the customer confirmed by standards set by the State of Connecticut in accordance with Standard Industrial Classification Manual, U. S. Office of Management and Budget, 1987 Edition, classification 2000 to 3999 inclusive or with Sector 31, 32 or 33 of the North American Industrial Classification System, United States Manual, U. S. Office of Management and Budget, 1997 Edition.

The Residential Rate listed below reflects the adjustment of all applicable charges in order to provide the proper benefit of reduced Gross Earnings Tax. Eligibility for the Residential Rate will be based upon the customer certifying and the Wallingford Electric Division concurring that at least fifty percent (50%) of the electric energy shall be used for residential purposes.

CHARACTER OF SERVICE:

Service furnished under this rate shall be 60-cycle alternating current, single phase or three phase as available, at secondary voltages optional with the Electric Division.

RATE PER MONTH:

RATE NO. 4, LARGE GENERAL SERVICE

CUSTOMER SERVICE CHARGE: \$90.00

ITEM NO. 10-36
PUC AGENDA 5/18/21

DEMAND CHARGE: \$ 15.25 per kW
ENERGY CHARGE: \$.0656 per kWh

RATE NO. 4-M, LARGE GENERAL SERVICE, MANUFACTURER

CUSTOMER SERVICE CHARGE: \$82.35
DEMAND CHARGE: \$ 13.72 per kW
ENERGY CHARGE: \$ 0.0656 per kWh

RATE NO. 4-R, LARGE GENERAL SERVICE, RESIDENTIAL

CUSTOMER SERVICE CHARGE: \$88.47
DEMAND CHARGE: \$ 14.92 per kW
ENERGY CHARGE: \$ 0.0656 per kWh

POWER COST ADJUSTMENT CHARGE:

The above rates shall be adjusted in accordance with the Power Cost Adjustment Clause set forth on Rate No. 12.

MINIMUM MONTHLY CHARGE:

The minimum monthly charge shall be the appropriate Customer Service Charge plus the Demand Charge.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the maximum fifteen (15) minute measured integrated kilowatt demand in the month. For determining the kilowatt demand in any month, the kilowatt billing demand shall be the maximum demand in the month but not less than seventy percent (70%) of the highest kilowatt demand occurring during the immediate preceding May, June, July, August, September and October months. Minimum Billing Demand shall be 17.5 kW.

METERING:

This rate applies to service at secondary voltage. At the option of the Electric Division, metering may be installed at the primary voltage side of the step-down transformers, in which event, two percent (2%) shall be deducted from the kW demand, kVAR demand and energy readings to adjust them to the secondary voltage level for billing purposes.

ITEM NO. 10-37
PUC AGENDA 5/18/21

SEASONAL MINIMUM CHARGE:

For declared seasonal customer, the minimum monthly charge during the active season will be the applicable customer charge. For the inactive season, the minimum monthly charge shall be sixty percent (60%) of the applicable customer charge. The minimum charges shall be due and payable with the first active season monthly bill. The seasonal service provision is available to customers who notify the Electric Division as electing either an active winter season (the billing months of November through April) or an active summer season (the billing months of May through October).

Any customer receiving a regular zero kilowatt-hour bill will be assumed to be an undeclared seasonal customer and will be billed at the applicable customer charge.

Any customer terminating service on a seasonal basis will be considered an active seasonal customer and the inactive season minimum monthly charge shall apply and shall be due and payable prior to the Electric Division reinstating electric service.

REACTIVE DEMAND CHARGE:

The Wallingford Electric Division may elect to install reactive metering to measure low power factor conditions. In the event that the maximum KVAR demand for the month is in excess of thirty-five percent (35%) of the maximum kilowatt demand in the month, the excess shall be charged at \$2.70 per KVAR for Rate 4 customers, at \$2.47 per KVAR for Rate 4-M customers and at \$2.65 per KVAR for Rate 4-R customers.

DELAYED PAYMENT CHARGE:

Five percent (5%) of the above-computed billing or minimum charge will be added to the bill if not paid within twenty (20) days from rendition of bill.

TERMS AND CONDITIONS:

All electric service rendered hereunder is subject to the rules stated in the "Electric Service Information and Regulations" publication of the Electric Division.

Effective: July 1, 2023

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-38
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 5, PRIMARY SERVICE**

RATE NO. 5-M, PRIMARY SERVICE, MANUFACTURER

RATE NO. 5-R, PRIMARY SERVICE, RESIDENTIAL

APPLICABLE:

This rate is applicable for primary, high voltage service to customers served through a single metering installation whose monthly kilowatt demands are in excess of 400 kW for two consecutive months. The customer shall normally furnish and maintain all equipment necessary to receive and transform the energy purchased.

The Manufacturer Rate listed below reflects the adjustment of all applicable charges in order to provide the proper benefit of reduced Gross Earnings Tax. Eligibility for the Manufacturer Rate will be determined by application from the customer confirmed by standards set by the State of Connecticut in accordance with Standard Industrial Classification Manual, U. S. Office of Management and Budget, 1987 Edition, classification 2000 to 3999 inclusive or with Sector 31, 32 or 33 of the North American Industrial Classification System, United States Manual, U. S. Office of Management and Budget, 1997 Edition.

The Residential Rate listed below reflects the adjustment of all applicable charges in order to provide the proper benefit of reduced Gross Earnings Tax. Eligibility for the Residential Rate will be based upon the customer certifying and the Wallingford Electric Division concurring that at least fifty percent (50%) of the electric energy shall be used for residential purposes.

CHARACTER OF SERVICE:

Service furnished under this rate shall be three phase, 60-cycle alternating current at a nominal voltage of 13,800 volts.

RATE PER MONTH:

RATE NO. 5, PRIMARY SERVICE

CUSTOMER SERVICE CHARGE: \$275.00

ITEM NO. 10-39
PUC AGENDA 5/18/21

DEMAND CHARGE: \$ 20.46 per kW
ENERGY CHARGE: \$ 0.0552 per kWh

RATE NO. 5-M, PRIMARY SERVICE, MANUFACTURER

CUSTOMER SERVICE CHARGE: \$251.63
DEMAND CHARGE: \$ 19.00 per kW
ENERGY CHARGE: \$ 0.0552 per kWh

RATE NO. 5-R, PRIMARY SERVICE, RESIDENTIAL

CUSTOMER SERVICE CHARGE: \$270.33
DEMAND CHARGE: \$ 20.15 per kW
ENERGY CHARGE: \$ 0.0552 per kWh

REACTIVE DEMAND CHARGE:

In the event that the maximum KVAR demand for the month is in excess of thirty-five percent (35%) of the maximum kilowatt demand in the month, the excess shall be charged for at \$2.70 per KVAR for Rate 5 customers, at \$2.47 per KVAR for Rate 5-M customers and at \$2.65 per KVAR for Rate 5-R customers.

POWER COST ADJUSTMENT CHARGE:

The above rates shall be adjusted in accordance with the Power Cost Adjustment Clause set forth in Rate No. 12.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the highest fifteen (15) minute measured integrated kilowatt demand in the month. For determining the kilowatt demand in any month, the kilowatt demand shall be the maximum demand in the month, but not less than seventy percent (70%) of the highest demand during the preceding May, June, July, August, September and October months. Minimum Billing Demand shall be 280 kW.

The above paragraph notwithstanding, a customer's highest fifteen (15) minute measured integrated kilowatt demand during the hours from 11:00 p.m. to 7:00 a.m. on all days, and also such additional hours as may be designated by the Electric

ITEM NO. 10-40
PUC AGENDA 5/18/21

Division, may exceed regular billing demand by twenty-five percent (25%) without added charge. Any kilowatt demand during this period which exceeds regular billing demand by more than twenty-five percent (25%) will be at the regular charge.

DETERMINATION OF REACTIVE DEMAND:

Reactive demand shall be the highest single integrated fifteen (15) minute measured kVAR demand occurring during the billing month.

METERING:

This rate applies to service at primary voltage. At the option of the Electric Division, metering may be installed at the low voltage side of the step-down transformers, in which event, two percent (2%) shall be added to the kW demand, kVAR demand and energy readings to adjust them to the primary voltage level for billing purposes.

EQUIPMENT OWNERSHIP:

This rate applies to service wherein the customer furnishes and maintains the transformers and the supply connection. If the Electric Division furnishes and maintains such transformers, an added charge of \$0.30 per kVA of installed transformer capacity shall be charged per month.

MINIMUM MONTHLY CHARGE:

The minimum monthly charge shall be the appropriate Customer Service Charge plus the Demand Charge.

DELAYED PAYMENT CHARGE:

Five percent (5%) of the above-computed billing or minimum charge will be added to the bill if not paid within twenty (20) days from rendition of bill.

TERMS AND CONDITIONS:

All electric service rendered hereunder is subject to the rules stated in the "Electric Service Information and Regulations" publication of the Electric Division.

Effective: July 1, 2023

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-411
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 6, NON-MUNICIPAL LIGHTING**

APPLICABLE:

To any customer other than the Town of Wallingford for outdoor lighting.

CHARACTER OF SERVICE:

This rate is available for unmetered lighting service to any customer (other than the Town of Wallingford or any subdivision or department thereof) for lighting of outdoor areas by aerial construction only where such service can be supplied by the installation of lighting fixtures on Electric Division poles supplied directly from existing secondary circuits on such poles, except as provided herein.

RATE PER MONTH:

For each luminaire with lamp controlled automatically:

Type and Size

	<u>Unit Rate per Lamp</u>	<u>Energy \$/kWh</u>	<u>kWh per mo.</u>
High Pressure Sodium			
70 Watt Street Light	\$ 6.10	\$0.1045	29
100 Watt Street Light	\$ 6.10	\$0.1045	41
100 Watt Street Light (Underground)	\$ 7.95	\$0.1045	41
250 Watt Street Light	\$ 6.10	\$0.1045	105
250 Watt Street Light (Underground)	\$ 7.95	\$0.1045	105
400 Watt Street Light	\$ 9.25	\$0.1045	163
250 Watt Flood Light	\$ 8.00	\$0.1045	105
400 Watt Flood Light	\$ 12.50	\$0.1045	163
Extra Pole, Per Pole	\$ 1.85		
Extra Spans, per Span	\$ 0.55		

	<u>Unit Rate per Lamp</u>	<u>Energy \$/kWh</u>	<u>kWh per mo.</u>
Light Emitting Diode			
34 Watt Street Light (70W equivalent)	\$ 5.43	\$0.1045	12
54 Watt Street Light (100W equivalent)	\$ 5.47	\$0.1045	19
139 Watt Street Light (250W equivalent)	\$ 7.39	\$0.1045	48
275 Watt Street Light (400W equivalent)	\$ 9.10	\$0.1045	95

ITEM NO. 10-42
PUC AGENDA 5/18/01

125 Watt Flood Light (250W equivalent)	\$ 6.77	\$0.1045	43
200 Watt Flood Light (400W equivalent)	\$ 8.44	\$0.1045	69

UNDERGROUND WIRING LIGHTING SERVICE:

For installations where lighting is provided by underground wiring and the Electric Division assumes responsibility for the maintenance and operation of the lighting system, a thirty percent (30%) surcharge shall be added to the base Unit Rate Per Lamp for each unit.

POWER COST ADJUSTMENT CHARGE:

The above rates shall be adjusted in accordance with the power Cost Adjustment Clause set forth in Rate No. 12 using the monthly consumption of each lamp as detailed above.

DELAYED PAYMENT CHARGE:

Five percent (5%) of the above-computed billing will be added to the bill if not paid within twenty (20) days from rendition of bill.

TERM OF CONTRACT:

For a fixed term not less than five (5) years, and for such time thereafter until terminated by either party giving thirty (30) days written notice to the other. All existing contracts upon renewal must comply with this schedule.

TERMS AND CONDITIONS:

All facilities shall be owned and maintained by the Division. The customer assumes responsibility for any misuse or abuse to Electric Division's property. All service, necessary maintenance, and installation changes are subject to the normal scheduling of manpower availability and will be performed only during the regular scheduled working hours of the Division. The Electric Division does not guarantee continuous lighting but shall exercise reasonable diligence in maintaining lights.

All electric service rendered hereunder is subject to the rules stated in the "Electric Service Information and Regulations" publication of the Electric Division.

Effective: July 1, 2023

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-43
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 7, MUNICIPAL LIGHTING**

APPLICABLE:

To the Town of Wallingford for municipal street lighting, and outdoor lighting service.

CHARACTER OF SERVICE:

This rate is available for unmetered lighting service on Town of Wallingford streets and installations.

RATE PER MONTH:

Type and Size

	<u>Unit Rate per Lamp</u>	<u>Energy \$/kWh</u>	<u>kWh per mo.</u>
High Pressure Sodium			
70 Watt Street Light	\$ 4.15	\$0.1045	29
70 Watt Street Light (Underground)	\$ 5.40	\$0.1045	29
100 Watt Street Light	\$ 4.15	\$0.1045	41
100 Watt Street Light (Underground)	\$ 5.45	\$0.1045	41
250 Watt Street Light	\$ 4.10	\$0.1045	105
250 Watt Street Light (Underground)	\$ 5.35	\$0.1045	105
400 Watt Street Light	\$ 7.00	\$0.1045	163
400 Watt Street Light (Underground)	\$ 9.15	\$0.1045	163
400 Watt Street Light w/ Alum. Pole	\$ 16.00	\$0.1045	163
250 Watt Flood Light	\$ 6.00	\$0.1045	105
400 Watt Flood Light	\$ 9.65	\$0.1045	163
100 Watt Post Top Underground	\$ 5.45	\$0.1045	41
150 Watt Post Top Ornamental	\$ 5.45	\$0.1045	59
Extra Pole, Per Pole	\$ 1.85		
Extra Spans, per Span	\$ 0.55		
Light Emitting Diode			
34 Watt Street Light (70W equivalent)	\$ 2.74	\$0.1045	12
54 Watt Street Light (100W equivalent)	\$ 2.75	\$0.1045	19
101 Watt Street Light (150W equivalent)	\$ 2.97	\$0.1045	35
139 Watt Street Light (250W equivalent)	\$ 3.52	\$0.1045	48

ITEM NO. 10-111
PUC AGENDA 5/18/21

275 Watt Street Light (400W equivalent)	\$ 4.20	\$0.1045	95
125 Watt Flood Light (250W equivalent)	\$ 3.27	\$0.1045	43
200 Watt Flood Light (400W equivalent)	\$ 3.94	\$0.1045	69
45 Watt Post Top Undrgrnd (100W equiv.)	\$ 5.31	\$0.1045	16
75 Watt Post Top Ornamental(150W equiv.)	\$ 14.72	\$0.1045	26

UNDERGROUND WIRING LIGHTING SERVICE:

For installations where lighting is provided by underground wiring and the Electric Division assumes responsibility for the maintenance and operation of the lighting system, a thirty percent (30%) surcharge shall be added to the base Unit Rate Per Lamp for each unit.

POWER COST ADJUSTMENT CHARGE:

The above rates shall be adjusted in accordance with the Power Cost Adjustment Clause set forth in Rate No. 12.using the monthly consumption of each lamp as detailed above.

TERMS AND CONDITIONS:

All facilities shall be owned and maintained by the Division. All service, and necessary maintenance, will be performed only during the regular scheduled working hours of the Division. The Electric Division does not guarantee continuous lighting but shall exercise reasonable diligence in maintaining lights.

All electric service rendered hereunder is subject to the rules stated in the "Electric Service Information and Regulations" publication of the Electric Division.

Effective: July 1, 2023

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-45
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 8, SMALL MUNICIPAL SERVICE**

APPLICABLE:

To all Town of Wallingford municipal departments, divisions, boards, and agencies whose operations are supported, in whole or in part, from municipal tax funds. This rate is applicable for service through a single-metering installation where the monthly kilowatt demand does not exceed 25 kW in any two of the billing months within the most current twelve month period.

CHARACTER OF SERVICE:

Service furnished under this rate shall be 60-cycle alternating current, single phase or three phase as available, at secondary voltages optional with the Electric Division.

RATE PER MONTH:

CUSTOMER SERVICE CHARGE: \$23.65
ENERGY CHARGE: \$ 0.1206 per kWh

POWER COST ADJUSTMENT CHARGE:

The above rates shall be adjusted in accordance with the Power Cost Adjustment Clause set forth in Rate No. 12.

MINIMUM MONTHLY CHARGE:

The minimum monthly charge shall be the Customer Service Charge.

TERMS AND CONDITIONS:

All electric service rendered hereunder is subject to the rules stated in the "Electric Service Information and Regulations" publication of the Electric Division.

Effective: July 1, 2023

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-46
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 9, LARGE MUNICIPAL SERVICE**

APPLICABLE:

To all Town of Wallingford municipal departments, divisions, boards and agencies whose operations are supported, in whole or in part, from municipal tax funds. This rate is applicable to single metering installations whose monthly kilowatt demand exceeds 25 kW in any two of the billing months within the most current twelve month period.

CHARACTER OF SERVICE:

Service furnished under this rate shall be 60-cycle alternating current, single phase or three phase as available, at secondary voltages optional with the Electric Division.

RATE PER MONTH:

CUSTOMER SERVICE CHARGE:	\$90.00
DEMAND CHARGE:	\$ 14.80 per kW
ENERGY CHARGE:	\$ 0.0625 per kWh

POWER COST ADJUSTMENT CHARGE:

The above rates shall be adjusted in accordance with the Power Cost Adjustment Clause set forth in Rate No. 12.

MINIMUM MONTHLY CHARGE:

The minimum monthly charge shall be the Customer Service Charge

DETERMINATION OF BILLING DEMAND:

Demand shall be the maximum fifteen (15) minute measured integrated kilowatt demand in the month. Minimum Billing Demand shall not be less than 17.5 kW.

ITEM NO. 10-47
PUC AGENDA 5/18/21

TERMS AND CONDITIONS:

All electric service rendered hereunder is subject to the rules stated in the "Electric Service Information and Regulations" publication of the Electric Division.

Effective: July 1, 2023

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-418
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 11, TRAFFIC SIGNALS SERVICE**

APPLICABLE:

This rate is applicable to all traffic signal installations billed to the Town of Wallingford.

CHARACTER OF SERVICE:

Service furnished under this rate shall be single phase, 120/240 volts, three-wire, 60-cycle alternating current, metered or unmetered supplied from existing aerial facilities.

RATE PER MONTH:

CUSTOMER SERVICE CHARGE	\$ 18.50
ENERGY CHARGE:	\$0.1114 per kWh

POWER COST ADJUSTMENT:

The above rates shall be adjusted in accordance with the Power Cost Adjustment Clause set forth in Rate No. 12.

MINIMUM MONTHLY CHARGE:

The minimum monthly charge shall be the Customer Service Charge.

TERMS AND CONDITIONS:

All electric service rendered hereunder is subject to the rules statements in the "Electric Service Information and Regulations" publication of the Electric Division.

Effective: July 1, 2023

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-49
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 12
POWER COST ADJUSTMENT CLAUSE**

NET MONTHLY CHARGE OR CREDIT

The net monthly charge or credit shall be computed by multiplying the Power Cost Adjustment Factor ("PCA") in dollars per kilowatt-hour ("\$/kWh") by the customer's kilowatt-hours billed (measured or estimated) in the month.

STANDARD FREQUENCY OF PCA CALCULATION

Except in cases where a mid-period calculation of the PCA takes place, as described below, the PCA shall be computed twice each year based on the attached worksheet, at such times so that any revised PCA can be implemented on bills dated July through December and January through June. The calculation is designed to provide periodic true up of projected power costs to actual power costs. Furthermore, the PCA that is established only for the period of January 1, 2017 through June 30, 2017 shall utilize the previous eight (8) month period of May 2016 through December 2016 and there shall be no routine PCA adjustment on November 1, 2016.

MID-PERIOD CALCULATION OF THE PCA

It may be determined during a given six-month period, as defined above, that the actual power costs to date during that period, plus the forecasted power costs for the remainder of that period, will be significantly greater than or less than the forecasted power costs upon which the PCA for that period was based. When that difference in power costs is of such magnitude that a PCA calculation for that period based on the updated power costs would produce a PCA that varies from the actual PCA for that period by more than \$0.005 per kWh, then the PUC may authorize a mid-period calculation of the PCA. For the period July through December, the re-calculated PCA shall be effective for the remaining period October through December. This provision provides the means to minimize the amount of over-collection or under-collection in a given six-month period due to actual power costs varying significantly from forecasted power costs.

ITEM NO. 10-50
PUC AGENDA 5/18/21

In the event that the PUC elects to authorize a mid-period calculation, the PCA shall be calculated based on the attached worksheet, for the same six-month period that was the basis for the prevailing PCA. For example: For a mid-period calculation that will be effective October 1, the previous six-month period used in the calculation shall be the previous January through June. The next six-month period used in the calculation shall be the current period: July through December.

PUC ADJUSTMENT OF THE CALCULATED PCA

Subject to the stipulations listed below, the PUC may adjust the PCA that is calculated based on the attached worksheet, for any three-month or six-month period described above when, without adjustment, the PCA for that period would vary from the PCA for the preceding period by more than \$.005 per kWh. This provision enables the PUC to reduce the impact on customers of large swings in power cost.

REDUCTION IN THE CALCULATED PCA

The amount by which the calculated PCA may be reduced shall be limited by the following stipulation: The projected cash reserve balance at the end of the period for which the PCA is set shall not be less than the greater of the following: \$10,000,000 or 80% of the prevailing minimum recommended cash reserve level, inclusive of any RSA (as defined below) approved by the PUC for that period.

INCREASE IN THE CALCULATED PCA

The amount by which the calculated PCA may be increased shall be limited by the following stipulation: The cash reserve balance at the time of the adjustment shall not be greater than 120% of the prevailing minimum recommended cash reserve level.

Adjustments of the PCA shall be excluded from the value of over-collection or under-collection as contained in the worksheet for calculating the PCA.

RATE STABILIZATION ADJUSTMENT (The "RSA")

The RSA assigns WED cash to reduce the wholesale power costs that will be entered into the calculation of the PCA for a future six-month PCA period.

The PUC may, at any time prior to the calculation of the PCA for a six-month period, approve the application of an RSA in order to cover up to 100% of the portion of a Qualifying Wholesale Power Cost that is expected to occur within that six-month period.

The amount of the RSA shall not exceed the difference between the WED's cash reserve balance and the prevailing minimum recommended cash reserve level. For the purpose of this comparison, the cash reserve balance shall be the forecast value at the end of the six-month PCA period, exclusive of the effect of the proposed RSA. The minimum recommended cash reserve level shall be calculated at the time of the forecast for the cash reserve balance.

Application of the RSA shall be excluded from the value of over-collection or under-collection as contained in the worksheet for calculating the PCA.

A Qualifying Wholesale Power Cost is any future wholesale power cost that the WED will pay over a defined period of time, which is known with reasonable certainty.

Examples include the following:

- a. Single year increase in a given ISO-NE charge: In a three-year period the WED's net cost for capacity in the middle year is forecast to be significantly higher than in the first or second year.
- b. One-time charges: The FERC requires ISO-NE to carry out a Capacity Resettlement, which will result in a one-time charge to the WED.
- c. Deviations from base year power costs: The WED has adopted rates that are designed to recover the same wholesale power cost in the base rates (non-PCA charges) for two or more years, using one of these years as the base year. Deviations in power cost from the base year cost are contained in the PCA's for the non-base years.

Effective: July 1, 2023

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

Rate 12

ITEM NO. 10-52
PUC AGENDA 5/18/21

WORKSHEET FOR CALCULATING SIX MONTH PCA

- 1. Purchased Power costs for previous six months \$ _____
- 2. Sales during previous six months MWh _____
- 3. Base Purchased Power Rate during previous six months \$/MWh _____
- 4. Net PCA used during previous six months \$/MWh _____
- 5. Calculation: (3) + (4) \$/MWh _____
- 6. Calculation: (2) x (5) \$ _____
- 7. Under (Over) Collection during previous six months (1) - (6) \$ _____
- 8. Adjustment for estimates in prior PCA calculation \$ _____
- 9. Adjustment for PUC action to adjust PCA in previous six months including RSA \$ _____
- 10. Net Adjustment (7) + (8) + (9) \$ _____
- 11. Projected Sales over next six months MWh _____
- 12. Projected Purchased Power costs over next six months \$ _____
- 13. Base Purchased Power Rate over next six months \$/MWh _____
- 14. Calculation: (10) + (12) \$ _____
- 15. Calculation: (14) / (11) \$/MWh _____
- 16. Net PCA for next six months [(15) - (13)] / 1000 \$/kWh _____
- 17. North Branford current six month PCA Calculation: (16) + NTR \$/kWh _____

Rate 12

ITEM NO. 10-53
PUC AGENDA 5/18/21

NTR = North Branford tax rate adjustment expressed in \$/kWh

NTR is calculated as follows:

$$\text{NTR} = \frac{\text{NT}}{\text{NKWH}}$$

Where NT is the amount of North Branford taxes paid by the Electric Division in the most recent six months, and NKWH represents the estimated kilowatt-hours sales from the Wallingford Electric Division distribution system to customers in the Northford section of North Branford in the current period.

Rate 13

ITEM NO. 10-54
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**RATE NO. 13
MISCELLANEOUS CHARGES AND FEES**

Re-energization of Service during normal working hours	\$80.00
Re-energization of Service outside of normal working hours	\$140.00
Returned check	\$40.00
Install and remove a Temporary Overhead Service	\$870.00
Install a Wooden Pole for non-Municipal lighting	\$975.00
Early Replacement of a non-LED Private (non-Municipal) Light (a)	\$145.00

Effective: July 1, 2023

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-55
PUC AGENDA 5/18/21

Fiscal Year 2025

ITEM NO. 10-56
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 1, RESIDENTIAL**

APPLICABLE:

This rate is applicable to all single family residences, single residential flats, single residential apartments, and multiple residential units metered through a single meter, provided that the electric service meets the requirements of the Character of Service detailed below. All service not meeting these criteria shall be classified under Rate 3 - Small General Service, Rate 4 - Large General Service, or Rate 5- Primary Service, as appropriate.

CHARACTER OF SERVICE:

Service furnished under this rate shall be single phase, 120/240 volts or 120/208 volts network, three-wire, 60 cycle alternating current, and at least fifty percent (50%) of the electric energy shall be used for residential purposes.

RATE PER MONTH:

CUSTOMER SERVICE CHARGE:

\$19.25

ENERGY CHARGE:

\$ 0.1300 per kWh

POWER COST ADJUSTMENT CHARGE:

The above rates shall be adjusted in accordance with the Power Cost Adjustment Clause set forth in Rate No. 12.

MINIMUM MONTHLY CHARGE:

The minimum monthly charge shall be the Customer Service Charge.

DELAYED PAYMENT CHARGE:

Five percent (5%) of the above-computed billing or minimum charge will be added to the bill if not paid within twenty (20) days from rendition of bill.

ITEM NO. 10-57
PUC AGENDA 5/18/21

SENIOR CITIZEN DELAYED PAYMENT CHARGE:

Any senior citizen 65 years or older, upon a one-time written request, will receive an additional ten (10) days from the rendition of the electric bill, for a total of thirty (30) days, prior to adding the (5%) Delayed Payment Charge as described above. The senior citizen applying must provide proof of age in order to receive this additional time for payment.

TERMS AND CONDITIONS:

All electric service rendered hereunder is subject to the rules stated in the "Electric Service Information and Regulations" publication of the Electric Division.

Effective: July 1, 2024

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-58
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 2, RESIDENTIAL-MUNICIPAL ELECTRIC DIVISION EMPLOYEE**

APPLICABLE:

To all full-time permanent employees of the Wallingford Electric Division. The Residential-Municipal Electric Division Employee, Rate No. 2, shall be the same as Rate No. 1, Residential, except that the Customer Service Charge is billed at \$17.25.

AVAILABILITY:

This rate is available only for those customers already assigned to this rate as of September 30, 2005.

Effective: July 1, 2024

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-59
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 3, SMALL GENERAL SERVICE**

RATE NO. 3-M, SMALL GENERAL SERVICE, MANUFACTURER

RATE NO. 3-R, SMALL GENERAL SERVICE, RESIDENTIAL

APPLICABLE:

This rate is applicable to customers served through a single metering installation and whose monthly kilowatt demand does not exceed 25 kW in any two of the billing months within the most current twelve month period. For churches only, demand may exceed 25 kW.

The Manufacturer Rate listed below reflects the adjustment of all applicable charges in order to provide the proper benefit of reduced Gross Earnings Tax. Eligibility for the Manufacturer Rate will be determined by application from the customer confirmed by standards set by the State of Connecticut in accordance with Standard Industrial Classification Manual, U. S. Office of Management and Budget, 1987 Edition, classification 2000 to 3999 inclusive or with Sector 31, 32 or 33 of the North American Industrial Classification System, United States Manual, U. S. Office of Management and Budget, 1997 Edition.

The Residential Rate listed below reflects the adjustment of all applicable charges in order to provide the proper benefit of reduced Gross Earnings Tax. Eligibility for the Residential Rate will be based upon the customer certifying and the Wallingford Electric Division concurring that at least fifty percent (50%) of the electric energy shall be used for residential purposes.

CHARACTER OF SERVICE:

Service furnished under this rate shall be 60-cycle alternating current, single phase or three phase as available, at secondary voltages optional with the Electric Division.

RATE PER MONTH:

RATE NO. 3, SMALL GENERAL SERVICE

CUSTOMER SERVICE CHARGE: \$23.65

ENERGY CHARGE: \$ 0.1247 per kWh

ITEM NO. 10-60
PUC AGENDA 5/18/21

RATE NO. 3-M, SMALL GENERAL SERVICE, MANUFACTURER

CUSTOMER SERVICE CHARGE: \$21.64
ENERGY CHARGE: \$ 0.1211 per kWh

RATE NO.3-R, SMALL GENERAL SERVICE, RESIDENTIAL

CUSTOMER SERVICE CHARGE: \$23.25
ENERGY CHARGE: \$ 0.1239 per kWh

POWER COST ADJUSTMENT:

The above rates shall be adjusted in accordance with the Power Cost Adjustment Clause set forth in Rate No. 12.

MINIMUM MONTHLY CHARGE:

The minimum monthly charge shall be the appropriate Customer Service Charge.

SEASONAL MINIMUM CHARGE:

For declared seasonal customer, the minimum monthly charge during the active season will be the applicable customer charge. For the inactive season, the minimum monthly charge shall be sixty (60%) percent of the applicable customer charge. The minimum charges shall be due and payable with the first active season monthly bill. The seasonal service provision is available to customers who notify the Electric Division as electing either an active winter season (the billing months of November through April) or an active summer season (the billing months of May through October).

Any customer receiving a regular zero kilowatt-hour bill will be assumed to be an undeclared seasonal customer and will be billed at the applicable customer charge.

Any customer terminating service on a seasonal basis will be considered an active seasonal customer and the inactive season minimum monthly charge shall apply and shall be due and payable prior to the Electric Division reinstating electric service.

DELAYED PAYMENT CHARGE:

Five percent (5%) of the above-computed billing or minimum charge will be added to the bill if not paid within twenty (20) days from rendition of bill.

ITEM NO. 10-61
PUC AGENDA 5/18/21

TERMS AND CONDITIONS:

All electric service rendered hereunder is subject to the Rules stated in the "Electric Service Information and Regulations" publication of the Electric Division.

Effective: July 1, 2024

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10702
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 4, LARGE GENERAL SERVICE**

RATE NO. 4-M, LARGE GENERAL SERVICE, MANUFACTURER

RATE NO. 4-R, LARGE GENERAL SERVICE, RESIDENTIAL

APPLICABLE:

This rate is applicable to customers served through a single metering installation and whose monthly kilowatt demand exceeds 25 kW in any two of the billing months within the most current twelve month period, but is not in excess of 400 kW for any two consecutive months.

The Manufacturer rate listed below reflects the adjustment of all applicable charges in order to provide the proper benefit of reduced Gross Earnings Tax. Eligibility for the Manufacturer Rate will be determined by application from the customer confirmed by standards set by the State of Connecticut in accordance with Standard Industrial Classification Manual, U. S. Office of Management and Budget, 1987 Edition, classification 2000 to 3999 inclusive or with Sector 31, 32 or 33 of the North American Industrial Classification System, United States Manual, U. S. Office of Management and Budget, 1997 Edition.

The Residential Rate listed below reflects the adjustment of all applicable charges in order to provide the proper benefit of reduced Gross Earnings Tax. Eligibility for the Residential Rate will be based upon the customer certifying and the Wallingford Electric Division concurring that at least fifty percent (50%) of the electric energy shall be used for residential purposes.

CHARACTER OF SERVICE:

Service furnished under this rate shall be 60-cycle alternating current, single phase or three phase as available, at secondary voltages optional with the Electric Division.

RATE PER MONTH:

RATE NO. 4, LARGE GENERAL SERVICE

CUSTOMER SERVICE CHARGE: \$90.00

ITEM NO. 10-63
PUC AGENDA 5/18/01

DEMAND CHARGE: \$ 15.25 per kW
ENERGY CHARGE: \$.0626 per kWh

RATE NO. 4-M, LARGE GENERAL SERVICE, MANUFACTURER

CUSTOMER SERVICE CHARGE: \$82.35
DEMAND CHARGE: \$ 13.72 per kW
ENERGY CHARGE: \$ 0.0626 per kWh

RATE NO. 4-R, LARGE GENERAL SERVICE, RESIDENTIAL

CUSTOMER SERVICE CHARGE: \$88.47
DEMAND CHARGE: \$ 14.92 per kW
ENERGY CHARGE: \$ 0.0626 per kWh

POWER COST ADJUSTMENT CHARGE:

The above rates shall be adjusted in accordance with the Power Cost Adjustment Clause set forth on Rate No. 12.

MINIMUM MONTHLY CHARGE:

The minimum monthly charge shall be the appropriate Customer Service Charge plus the Demand Charge.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the maximum fifteen (15) minute measured integrated kilowatt demand in the month. For determining the kilowatt demand in any month, the kilowatt billing demand shall be the maximum demand in the month but not less than seventy percent (70%) of the highest kilowatt demand occurring during the immediate preceding May, June, July, August, September and October months. Minimum Billing Demand shall be 17.5 kW.

METERING:

This rate applies to service at secondary voltage. At the option of the Electric Division, metering may be installed at the primary voltage side of the step-down transformers, in which event, two percent (2%) shall be deducted from the kW demand, KVAR demand and energy readings to adjust them to the secondary voltage level for billing purposes.

ITEM NO. 10-04
PUC AGENDA 5/18/21

SEASONAL MINIMUM CHARGE:

For declared seasonal customer, the minimum monthly charge during the active season will be the applicable customer charge. For the inactive season, the minimum monthly charge shall be sixty percent (60%) of the applicable customer charge. The minimum charges shall be due and payable with the first active season monthly bill. The seasonal service provision is available to customers who notify the Electric Division as electing either an active winter season (the billing months of November through April) or an active summer season (the billing months of May through October).

Any customer receiving a regular zero kilowatt-hour bill will be assumed to be an undeclared seasonal customer and will be billed at the applicable customer charge.

Any customer terminating service on a seasonal basis will be considered an active seasonal customer and the inactive season minimum monthly charge shall apply and shall be due and payable prior to the Electric Division reinstating electric service.

REACTIVE DEMAND CHARGE:

The Wallingford Electric Division may elect to install reactive metering to measure low power factor conditions. In the event that the maximum KVAR demand for the month is in excess of thirty-five percent (35%) of the maximum kilowatt demand in the month, the excess shall be charged at \$2.70 per KVAR for Rate 4 customers, at \$2.47 per KVAR for Rate 4-M customers and at \$2.65 per KVAR for Rate 4-R customers.

DELAYED PAYMENT CHARGE:

Five percent (5%) of the above-computed billing or minimum charge will be added to the bill if not paid within twenty (20) days from rendition of bill.

TERMS AND CONDITIONS:

All electric service rendered hereunder is subject to the rules stated in the "Electric Service Information and Regulations" publication of the Electric Division.

Effective: July 1, 2024

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-605
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 5, PRIMARY SERVICE**

RATE NO. 5-M, PRIMARY SERVICE, MANUFACTURER

RATE NO. 5-R, PRIMARY SERVICE, RESIDENTIAL

APPLICABLE:

This rate is applicable for primary, high voltage service to customers served through a single metering installation whose monthly kilowatt demands are in excess of 400 kW for two consecutive months. The customer shall normally furnish and maintain all equipment necessary to receive and transform the energy purchased.

The Manufacturer Rate listed below reflects the adjustment of all applicable charges in order to provide the proper benefit of reduced Gross Earnings Tax. Eligibility for the Manufacturer Rate will be determined by application from the customer confirmed by standards set by the State of Connecticut in accordance with Standard Industrial Classification Manual, U. S. Office of Management and Budget, 1987 Edition, classification 2000 to 3999 inclusive or with Sector 31, 32 or 33 of the North American Industrial Classification System, United States Manual, U. S. Office of Management and Budget, 1997 Edition.

The Residential Rate listed below reflects the adjustment of all applicable charges in order to provide the proper benefit of reduced Gross Earnings Tax. Eligibility for the Residential Rate will be based upon the customer certifying and the Wallingford Electric Division concurring that at least fifty percent (50%) of the electric energy shall be used for residential purposes

CHARACTER OF SERVICE:

Service furnished under this rate shall be three phase, 60-cycle alternating current at a nominal voltage of 13,800 volts.

RATE PER MONTH:

RATE NO. 5, PRIMARY SERVICE

CUSTOMER SERVICE CHARGE: \$275.00

ITEM NO. 10-100
PUC AGENDA 5/18/21

DEMAND CHARGE: \$ 20.46 per kW
ENERGY CHARGE: \$ 0.0538 per kWh

RATE NO. 5-M, PRIMARY SERVICE, MANUFACTURER

CUSTOMER SERVICE CHARGE: \$251.63
DEMAND CHARGE: \$ 19.00 per kW
ENERGY CHARGE: \$ 0.0538 per kWh

RATE NO. 5-R, PRIMARY SERVICE, RESIDENTIAL

CUSTOMER SERVICE CHARGE: \$270.33
DEMAND CHARGE: \$ 20.15 per kW
ENERGY CHARGE: \$ 0.0538 per kWh

REACTIVE DEMAND CHARGE:

In the event that the maximum KVAR demand for the month is in excess of thirty-five percent (35%) of the maximum kilowatt demand in the month, the excess shall be charged for at \$2.70 per KVAR for Rate 5 customers, at \$2.47 per KVAR for Rate 5-M customers and at \$2.65 per KVAR for Rate 5-R customers.

POWER COST ADJUSTMENT CHARGE:

The above rates shall be adjusted in accordance with the Power Cost Adjustment Clause set forth in Rate No. 12.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the highest fifteen (15) minute measured integrated kilowatt demand in the month. For determining the kilowatt demand in any month, the kilowatt demand shall be the maximum demand in the month, but not less than seventy percent (70%) of the highest demand during the preceding May, June, July, August, September and October months. Minimum Billing Demand shall be 280 kW.

The above paragraph notwithstanding, a customer's highest fifteen (15) minute measured integrated kilowatt demand during the hours from 11:00 p.m. to 7:00 a.m. on all days, and also such additional hours as may be designated by the Electric

ITEM NO. 10-67
PUC AGENDA 5/18/21

Division, may exceed regular billing demand by twenty-five percent (25%) without added charge. Any kilowatt demand during this period which exceeds regular billing demand by more than twenty-five percent (25%) will be at the regular charge.

DETERMINATION OF REACTIVE DEMAND:

Reactive demand shall be the highest single integrated fifteen (15) minute measured kVAR demand occurring during the billing month.

METERING:

This rate applies to service at primary voltage. At the option of the Electric Division, metering may be installed at the low voltage side of the step-down transformers, in which event, two percent (2%) shall be added to the kW demand, kVAR demand and energy readings to adjust them to the primary voltage level for billing purposes.

EQUIPMENT OWNERSHIP:

This rate applies to service wherein the customer furnishes and maintains the transformers and the supply connection. If the Electric Division furnishes and maintains such transformers, an added charge of \$0.30 per kVA of installed transformer capacity shall be charged per month.

MINIMUM MONTHLY CHARGE:

The minimum monthly charge shall be the appropriate Customer Service Charge plus the Demand Charge.

DELAYED PAYMENT CHARGE:

Five percent (5%) of the above-computed billing or minimum charge will be added to the bill if not paid within twenty (20) days from rendition of bill.

TERMS AND CONDITIONS:

All electric service rendered hereunder is subject to the rules stated in the "Electric Service Information and Regulations" publication of the Electric Division.

Effective: July 1, 2024

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-628
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 6, NON-MUNICIPAL LIGHTING**

APPLICABLE:

To any customer other than the Town of Wallingford for outdoor lighting.

CHARACTER OF SERVICE:

This rate is available for unmetered lighting service to any customer (other than the Town of Wallingford or any subdivision or department thereof) for lighting of outdoor areas by aerial construction only where such service can be supplied by the installation of lighting fixtures on Electric Division poles supplied directly from existing secondary circuits on such poles, except as provided herein.

RATE PER MONTH:

For each luminaire with lamp controlled automatically:

Type and Size

	<u>Unit Rate per Lamp</u>	<u>Energy \$/kWh</u>	<u>kWh per mo.</u>
High Pressure Sodium			
70 Watt Street Light	\$ 6.10	\$0.1145	29
100 Watt Street Light	\$ 6.10	\$0.1145	41
100 Watt Street Light (Underground)	\$ 7.95	\$0.1145	41
250 Watt Street Light	\$ 6.10	\$0.1145	105
250 Watt Street Light (Underground)	\$ 7.95	\$0.1145	105
400 Watt Street Light	\$ 9.25	\$0.1145	163
250 Watt Flood Light	\$ 8.00	\$0.1145	105
400 Watt Flood Light	\$ 12.50	\$0.1145	163
Extra Pole, Per Pole	\$ 1.85		
Extra Spans, per Span	\$ 0.55		

	<u>Unit Rate per Lamp</u>	<u>Energy \$/kWh</u>	<u>kWh per mo.</u>
Light Emitting Diode			
34 Watt Street Light (70W equivalent)	\$ 5.43	\$0.1145	12
54 Watt Street Light (100W equivalent)	\$ 5.47	\$0.1145	19
139 Watt Street Light (250W equivalent)	\$ 7.39	\$0.1145	48
275 Watt Street Light (400W equivalent)	\$ 9.10	\$0.1145	95

ITEM NO. 10-69
PUC AGENDA 5/18/01

125 Watt Flood Light (250W equivalent)	\$ 6.77	\$0.1145	43
200 Watt Flood Light (400W equivalent)	\$ 8.44	\$0.1145	69

UNDERGROUND WIRING LIGHTING SERVICE:

For installations where lighting is provided by underground wiring and the Electric Division assumes responsibility for the maintenance and operation of the lighting system, a thirty percent (30%) surcharge shall be added to the base Unit Rate Per Lamp for each unit.

POWER COST ADJUSTMENT CHARGE:

The above rates shall be adjusted in accordance with the power Cost Adjustment Clause set forth in Rate No. 12 using the monthly consumption of each lamp as detailed above.

DELAYED PAYMENT CHARGE:

Five percent (5%) of the above-computed billing will be added to the bill if not paid within twenty (20) days from rendition of bill.

TERM OF CONTRACT:

For a fixed term not less than five (5) years, and for such time thereafter until terminated by either party giving thirty (30) days written notice to the other. All existing contracts upon renewal must comply with this schedule.

TERMS AND CONDITIONS:

All facilities shall be owned and maintained by the Division. The customer assumes responsibility for any misuse or abuse to Electric Division's property. All service, necessary maintenance, and installation changes are subject to the normal scheduling of manpower availability and will be performed only during the regular scheduled working hours of the Division. The Electric Division does not guarantee continuous lighting but shall exercise reasonable diligence in maintaining lights.

All electric service rendered hereunder is subject to the rules stated in the "Electric Service Information and Regulations" publication of the Electric Division.

Effective: July 1, 2024

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-70
PUBLIC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 7, MUNICIPAL LIGHTING**

APPLICABLE:

To the Town of Wallingford for municipal street lighting, and outdoor lighting service.

CHARACTER OF SERVICE:

This rate is available for unmetered lighting service on Town of Wallingford streets and installations.

RATE PER MONTH:

Type and Size

	<u>Unit Rate per Lamp</u>	<u>Energy \$/kWh</u>	<u>kWh per mo.</u>
High Pressure Sodium			
70 Watt Street Light	\$ 4.15	\$0.1145	29
70 Watt Street Light (Underground)	\$ 5.40	\$0.1145	29
100 Watt Street Light	\$ 4.15	\$0.1145	41
100 Watt Street Light (Underground)	\$ 5.45	\$0.1145	41
250 Watt Street Light	\$ 4.10	\$0.1145	105
250 Watt Street Light (Underground)	\$ 5.35	\$0.1145	105
400 Watt Street Light	\$ 7.00	\$0.1145	163
400 Watt Street Light (Underground)	\$ 9.15	\$0.1145	163
400 Watt Street Light w/ Alum. Pole	\$ 16.00	\$0.1145	163
250 Watt Flood Light	\$ 6.00	\$0.1145	105
400 Watt Flood Light	\$ 9.65	\$0.1145	163
100 Watt Post Top Underground	\$ 5.45	\$0.1145	41
150 Watt Post Top Ornamental	\$ 5.45	\$0.1145	59
Extra Pole, Per Pole	\$ 1.85		
Extra Spans, per Span	\$ 0.55		
Light Emitting Diode			
34 Watt Street Light (70W equivalent)	\$ 2.74	\$0.1145	12
54 Watt Street Light (100W equivalent)	\$ 2.75	\$0.1145	19
101 Watt Street Light (150W equivalent)	\$ 2.97	\$0.1145	35
139 Watt Street Light (250W equivalent)	\$ 3.52	\$0.1145	48

ITEM NO. 10-71
PUC AGENDA 5/18/21

275 Watt Street Light (400W equivalent)	\$ 4.20	\$0.1145	95
125 Watt Flood Light (250W equivalent)	\$ 3.27	\$0.1145	43
200 Watt Flood Light (400W equivalent)	\$ 3.94	\$0.1145	69
45 Watt Post Top Undrgrnd (100W equiv.)	\$ 5.31	\$0.1145	16
75 Watt Post Top Ornamental(150W equiv.)	\$ 14.72	\$0.1145	26

UNDERGROUND WIRING LIGHTING SERVICE:

For installations where lighting is provided by underground wiring and the Electric Division assumes responsibility for the maintenance and operation of the lighting system, a thirty percent (30%) surcharge shall be added to the base Unit Rate Per Lamp for each unit.

POWER COST ADJUSTMENT CHARGE:

The above rates shall be adjusted in accordance with the Power Cost Adjustment Clause set forth in Rate No. 12.using the monthly consumption of each lamp as detailed above.

TERMS AND CONDITIONS:

All facilities shall be owned and maintained by the Division. All service, and necessary maintenance, will be performed only during the regular scheduled working hours of the Division. The Electric Division does not guarantee continuous lighting but shall exercise reasonable diligence in maintaining lights.

All electric service rendered hereunder is subject to the rules stated in the "Electric Service Information and Regulations" publication of the Electric Division.

Effective: July 1, 2024

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-72
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 8, SMALL MUNICIPAL SERVICE**

APPLICABLE:

To all Town of Wallingford municipal departments, divisions, boards, and agencies whose operations are supported, in whole or in part, from municipal tax funds. This rate is applicable for service through a single-metering installation where the monthly kilowatt demand does not exceed 25 kW in any two of the billing months within the most current twelve month period.

CHARACTER OF SERVICE:

Service furnished under this rate shall be 60-cycle alternating current, single phase or three phase as available, at secondary voltages optional with the Electric Division.

RATE PER MONTH:

CUSTOMER SERVICE CHARGE: \$23.65

ENERGY CHARGE: \$ 0.1171 per kWh

POWER COST ADJUSTMENT CHARGE:

The above rates shall be adjusted in accordance with the Power Cost Adjustment Clause set forth in Rate No. 12.

MINIMUM MONTHLY CHARGE:

The minimum monthly charge shall be the Customer Service Charge.

TERMS AND CONDITIONS:

All electric service rendered hereunder is subject to the rules stated in the "Electric Service Information and Regulations" publication of the Electric Division.

Effective: July 1, 2024

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-73
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 9, LARGE MUNICIPAL SERVICE**

APPLICABLE:

To all Town of Wallingford municipal departments, divisions, boards and agencies whose operations are supported, in whole or in part, from municipal tax funds. This rate is applicable to single metering installations whose monthly kilowatt demand exceeds 25 kW in any two of the billing months within the most current twelve month period.

CHARACTER OF SERVICE:

Service furnished under this rate shall be 60-cycle alternating current, single phase or three phase as available, at secondary voltages optional with the Electric Division.

RATE PER MONTH:

CUSTOMER SERVICE CHARGE:	\$90.00
DEMAND CHARGE:	\$ 14.80 per kW
ENERGY CHARGE:	\$ 0.0600 per kWh

POWER COST ADJUSTMENT CHARGE:

The above rates shall be adjusted in accordance with the Power Cost Adjustment Clause set forth in Rate No. 12.

MINIMUM MONTHLY CHARGE:

The minimum monthly charge shall be the Customer Service Charge

DETERMINATION OF BILLING DEMAND:

Demand shall be the maximum fifteen (15) minute measured integrated kilowatt demand in the month. Minimum Billing Demand shall not be less than 17.5 kW.

TERM NO. 10-74
PUC AGENDA 5/18/21

TERMS AND CONDITIONS:

All electric service rendered hereunder is subject to the rules stated in the "Electric Service Information and Regulations" publication of the Electric Division.

Effective: July 1, 2024

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-75
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 11, TRAFFIC SIGNALS SERVICE**

APPLICABLE:

This rate is applicable to all traffic signal installations billed to the Town of Wallingford.

CHARACTER OF SERVICE:

Service furnished under this rate shall be single phase, 120/240 volts, three-wire, 60-cycle alternating current, metered or unmetered supplied from existing aerial facilities.

RATE PER MONTH:

CUSTOMER SERVICE CHARGE	\$ 18.50
ENERGY CHARGE:	\$0.1114 per kWh

POWER COST ADJUSTMENT:

The above rates shall be adjusted in accordance with the Power Cost Adjustment Clause set forth in Rate No. 12.

MINIMUM MONTHLY CHARGE:

The minimum monthly charge shall be the Customer Service Charge.

TERMS AND CONDITIONS:

All electric service rendered hereunder is subject to the rules statements in the "Electric Service Information and Regulations" publication of the Electric Division.

Effective: July 1, 2024

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-76
PUC AGENDA 5/18/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**ELECTRIC SERVICE
RATE NO. 12
POWER COST ADJUSTMENT CLAUSE**

NET MONTHLY CHARGE OR CREDIT

The net monthly charge or credit shall be computed by multiplying the Power Cost Adjustment Factor ("PCA") in dollars per kilowatt-hour ("\$/kWh") by the customer's kilowatt-hours billed (measured or estimated) in the month.

STANDARD FREQUENCY OF PCA CALCULATION

Except in cases where a mid-period calculation of the PCA takes place, as described below, the PCA shall be computed twice each year based on the attached worksheet, at such times so that any revised PCA can be implemented on bills dated July through December and January through June. The calculation is designed to provide periodic true up of projected power costs to actual power costs. Furthermore, the PCA that is established only for the period of January 1, 2017 through June 30, 2017 shall utilize the previous eight (8) month period of May 2016 through December 2016 and there shall be no routine PCA adjustment on November 1, 2016.

MID-PERIOD CALCULATION OF THE PCA

It may be determined during a given six-month period, as defined above, that the actual power costs to date during that period, plus the forecasted power costs for the remainder of that period, will be significantly greater than or less than the forecasted power costs upon which the PCA for that period was based. When that difference in power costs is of such magnitude that a PCA calculation for that period based on the updated power costs would produce a PCA that varies from the actual PCA for that period by more than \$0.005 per kWh, then the PUC may authorize a mid-period calculation of the PCA. For the period July through December, the re-calculated PCA shall be effective for the remaining period October through December. This provision provides the means to minimize the amount of over-collection or under-collection in a given six-month period due to actual power costs varying significantly from forecasted power costs.

ITEM NO. 10-77
PUC AGENDA 5/18/21

In the event that the PUC elects to authorize a mid-period calculation, the PCA shall be calculated based on the attached worksheet, for the same six-month period that was the basis for the prevailing PCA. For example: For a mid-period calculation that will be effective October 1, the previous six-month period used in the calculation shall be the previous January through June. The next six-month period used in the calculation shall be the current period: July through December.

PUC ADJUSTMENT OF THE CALCULATED PCA

Subject to the stipulations listed below, the PUC may adjust the PCA that is calculated based on the attached worksheet, for any three-month or six-month period described above when, without adjustment, the PCA for that period would vary from the PCA for the preceding period by more than \$.005 per kWh. This provision enables the PUC to reduce the impact on customers of large swings in power cost.

REDUCTION IN THE CALCULATED PCA

The amount by which the calculated PCA may be reduced shall be limited by the following stipulation: The projected cash reserve balance at the end of the period for which the PCA is set shall not be less than the greater of the following: \$10,000,000 or 80% of the prevailing minimum recommended cash reserve level, inclusive of any RSA (as defined below) approved by the PUC for that period.

INCREASE IN THE CALCULATED PCA

The amount by which the calculated PCA may be increased shall be limited by the following stipulation: The cash reserve balance at the time of the adjustment shall not be greater than 120% of the prevailing minimum recommended cash reserve level.

Adjustments of the PCA shall be excluded from the value of over-collection or under-collection as contained in the worksheet for calculating the PCA.

RATE STABILIZATION ADJUSTMENT (The "RSA")

The RSA assigns WED cash to reduce the wholesale power costs that will be entered into the calculation of the PCA for a future six-month PCA period.

The PUC may, at any time prior to the calculation of the PCA for a six-month period, approve the application of an RSA in order to cover up to 100% of the portion of a Qualifying Wholesale Power Cost that is expected to occur within that six-month period.

The amount of the RSA shall not exceed the difference between the WED's cash reserve balance and the prevailing minimum recommended cash reserve level. For the purpose of this comparison, the cash reserve balance shall be the forecast value at the end of the six-month PCA period, exclusive of the effect of the proposed RSA. The minimum recommended cash reserve level shall be calculated at the time of the forecast for the cash reserve balance.

Application of the RSA shall be excluded from the value of over-collection or under-collection as contained in the worksheet for calculating the PCA.

A Qualifying Wholesale Power Cost is any future wholesale power cost that the WED will pay over a defined period of time, which is known with reasonable certainty.

Examples include the following:

- a. Single year increase in a given ISO-NE charge: In a three-year period the WED's net cost for capacity in the middle year is forecast to be significantly higher than in the first or second year.
- b. One-time charges: The FERC requires ISO-NE to carry out a Capacity Resettlement, which will result in a one-time charge to the WED.
- c. Deviations from base year power costs: The WED has adopted rates that are designed to recover the same wholesale power cost in the base rates (non-PCA charges) for two or more years, using one of these years as the base year. Deviations in power cost from the base year cost are contained in the PCA's for the non-base years.

Effective: July 1, 2024

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

Rate 12

ITEM NO. 10-79
PUC AGENDA 5/18/21

WORKSHEET FOR CALCULATING SIX MONTH PCA

1. Purchased Power costs for previous six months \$ _____
2. Sales during previous six months MWh _____
3. Base Purchased Power Rate during previous six months
\$/MWh _____
4. Net PCA used during previous six months \$/MWh _____
5. Calculation: (3) + (4) \$/MWh _____
6. Calculation: (2) x (5) \$ _____
7. Under (Over) Collection during previous six months
(1) - (6) \$ _____
8. Adjustment for estimates in prior PCA calculation \$ _____
9. Adjustment for PUC action to adjust PCA in
previous six months including RSA \$ _____
10. Net Adjustment (7) + (8) + (9) \$ _____
11. Projected Sales over next six months MWh _____
12. Projected Purchased Power costs over next six months
\$ _____
13. Base Purchased Power Rate over next six months \$/MWh _____
14. Calculation: (10) + (12) \$ _____
15. Calculation: (14) / (11) \$/MWh _____
16. Net PCA for next six months [(15) - (13)] / 1000 \$/kWh _____
17. North Branford current six month PCA
Calculation: (16) + NTR \$/kWh _____

Rate 12

ITEM NO. 10-80
PUC AGENDA 5/18/21

NTR = North Branford tax rate adjustment expressed in \$/kWh

NTR is calculated as follows:

$$\text{NTR} = \frac{\text{NT}}{\text{NKWH}}$$

Where NT is the amount of North Branford taxes paid by the Electric Division in the most recent six months, and NKWH represents the estimated kilowatt-hours sales from the Wallingford Electric Division distribution system to customers in the Northford section of North Branford in the current period.

Rate 13

ITEM NO. 10-81
PUC AGENDA 5/28/21

**ELECTRIC DIVISION
DEPARTMENT OF PUBLIC UTILITIES
WALLINGFORD, CONNECTICUT**

**RATE NO. 13
MISCELLANEOUS CHARGES AND FEES**

Re-energization of Service during normal working hours	\$80.00
Re-energization of Service outside of normal working hours	\$140.00
Returned check	\$40.00
Install and remove a Temporary Overhead Service	\$870.00
Install a Wooden Pole for non-Municipal lighting	\$975.00
Early Replacement of a non-LED Private (non-Municipal) Light (a)	\$145.00

Effective: July 1, 2024

Adopted: May 18, 2021

Robert Beaumont
Chairman-Public Utilities Commission

ITEM NO. 10-82
PUC AGENDA 5/18/21