

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48

**DRAFT
PUBLIC UTILITIES COMMISSION
WALLINGFORD ELECTRIC DIVISION
100 JOHN STREET
WALLINGFORD, CT 06492**

TUESDAY, OCTOBER 16, 2018

6:30 P.M.

MINUTES

PRESENT: Chairman Robert Beaumont, Commissioners Patrick Birney and Joel Rinebold, Director of Public Utilities Richard Hendershot, Electric Division General Manager Tony Buccheri, Electric Division Office Manager Tom Sullivan, Water and Sewer Divisions General Manager Neil Amwake, and Recording Secretary Kathy White.

MINUTES

The meeting was called to order at 6:30 p.m. by Chairman Beaumont.

1. Pledge of Allegiance

2. Consent Agenda

- a. Consider and approve the minutes of October 2, 2018

Motion to approve the Consent Agenda.

Made by Mr. Birney
Seconded by Mr. Rinebold
Votes: 3 ayes

3. Items Removed from Consent Agenda

4. Discussion and Action: Approval of the Director's Report for the Month of September 2018.

Mr. Hendershot indicated to the Commission that he was going to address the highlights for the month of September.

- Pilot Transmission Cost Reduction ("TCR"). Program resulted in an approximate \$3,000 credit for the Water Division for the month of September.
- Met with Human Resources and the Mayor to discuss revised staffing plans for the WED Business Office.

- Provided testimony at IBEW arbitration hearing.
- Neil Amwake and I provided the Mayor and Town Council with an update of the WWTP Facility Plan and associated phosphorus removal plan.

ELECTRIC

- LS Power/Wallingford Plant Expansion Project

Final comments on as-built drawings transmitted to LS Power. Working to achieve final document closeout. Today, determined that closeout documents (certificates) are completed and executable – sending to LS Power.

- Office Building, Garage Bay, etc.

RFP for architectural services for 100 John Street issued. Pre-bid meeting scheduled for 10/17.

- Wallingford Renewable Energy Solar-PV Interconnection

ISO provided draft System Impact Study scope document; comments provided.

Discussion regarding the project ensued.

- Broadview URD Replacement

Most of the trenching, conduit installation and transformer pad placement is complete. October will see the completion of that work and the start of the cable pulling.

- Service Work

Ten new services and 15 service changes completed.
Forty-seven LED streetlight conversions; 5 repairs.

- Personnel

Account Clerk position advertised and interviews started.
Distribution Superintendent posted and advertised in October.
Screening exams for Distribution Engineer scheduled to commence in November.

- Electric System Metrics

System input increased by 9.6%. Maximum system demand for September was 129.9MW, an increase of 18.8% compared to September 2017. Average system availability was 99.998%.

- August Wholesale Power

As of August, the WED was 84.5% hedged.

WATER

- Crews repaired four main breaks and one service leak during September.

- Pond Hill Emergency Interconnection Station

Passed disinfection test and startup occurred on October 2.

- Water Main Replacement

Field work began in September, 650 linear feet of DIP installed along Ward Street.

1 Design of water main supports and insulation replacement engineering project – Church
2 and Main. Meeting with the consultant took place.
3 Crews continued their efforts to perform system-wide valve maintenance main flushing.
4 Zone 5 is complete; now working on Zone 6 which is the final zone to flush.
5

- 6 • Personnel

- 7 -Interview process for the Account Clerk is underway.

- 8 -Division posted and advertised for Operator I and II at Pistapaug Water Treatment
9 Plant to fill a single position.

- 10 Maintainer I – Distribution Crew closed. Awaiting results of screening exams and
11 subsequent candidate list from H.R.
12

- 13 • Water Division Metrics

- 14 Water production for September was 118.1 million gallons, down 2.9% compared to
15 September, 2017.

- 16 Month end storage was 85.5% of total effective impoundment, well above the historical
17 average of 78.1%.

- 18 Precipitation for September totaled 8.74 inches, more than twice the historical average.

- 19 Yearly precipitation totaled 43.2 inches, which is 6.67 inches above the historic average
20 for the first nine months of 2018.
21

22 Mr. Birney offered his sincere congratulations on the Pond Hill Emergency Interconnection
23 Station, stating that the project was a long and arduous one.
24

25 WASTEWATER

26 Staff responded to and resolved three WWTP alarms and trouble calls. Responded to the
27 blocked headworks and subsequent facility flooding situation. Compliments to Neil
28 Amwake, Terry Smith, Dan Sullivan, Kim Maloney and all of the Sewer Division staff for their
29 outstanding response to this disaster and compliments on a job well done. (Please note
30 that Mr. Amwake provided an update on this topic later in the minutes).
31

- 32 • During September, 11,000 linear feet of sewer main was televised.
33

- 34 • Personnel

- 35 Continue to work with H.R. on two vacancies – Attendant I, II or III depending upon the
36 applicant's qualifications, as well as the Laboratory Technician position.
37

- 38 • Wastewater Metrics

- 39 Average daily flow during September was 4.83 MGD, a 35% increase compared to
40 September 2017. This is entirely due to above average precipitation during the month.
41

- 42 Nitrogen discharge for the month averaged 312 pounds/day, which is above the
43 September 2017 rate of 280 pounds/day and a permit level of 269 pounds/day. Year to
44 date nitrogen discharge was 497 pounds/day versus 428 pounds/day in 2017.
45

- 46 Phosphorus discharge was 0.59 mg/L compared to 0.48 mg/L in September 2017. The
47 current permit limit is 0.70 mg/L.
48

- 1 • Private Side I/I Mitigation Program
2 Twenty-eight inspections identifying three total connections, with eight issues being
3 corrected during the month.
4

5 Mr. Hendershot asked General Manager Amwake to comment on the status of the WWTP as
6 a result of the flooding issue at this time.
7

8 Mr. Amwake made the following observations.
9

- 10 ✓ Plant is operational. Phosphorus season ends on October 31; understandably the
11 numbers for October will be high.
12 ✓ Low Pressure Plant Water System – evaluation made – can't be saved. Will not be
13 replaced. New drive and motor to be installed and operated manually.
14 ✓ Sump Pump Control Panel will be rebuilt by staff.
15 ✓ High pressure plant water system – requires new control panel at a cost of
16 approximately \$25,000. Currently running manually 24/7.
17 ✓ Low pressure blowers – none are currently working. This is a sole source purchase with
18 regard to their replacement. Going to try and repair the blowers in house; manufacturer
19 needs to be brought in to troubleshoot.
20 ✓ Insulation in blower room – removed to the high water level. Will be reinstalled.
21 Cleaning continues.
22 ✓ Continue to work with DEEP. DEEP assisted with completing the necessary forms
23 related to the event.
24 ✓ Looking at a cost of \$100,000 to \$150,000 to repair/replace those items which have
25 been identified.
26

27 Mr. Beaumont asked for a motion to approve the Director's Report as presented.
28

29 Mr. Birney made the motion

30 Mr. Rinebold seconded the motion

31 Votes: 3 ayes
32

33 NO PUBLIC QUESTION AND ANSWER PERIOD
34

35 5. **WWTP Phosphorus Treatment Project Status Update** 36

37 A. Phosphorus Removal System

- 38 a. Bid package received September 27 from Kruger and Evoqua.
39 b. Bid in two parts. Part A – Qualitative Evaluation (40%) performed by
40 WSD staff and AECOM and submitted on October 9 to Purchasing.
41 c. Cost information (60%) provided by Purchasing. AECOM working to
42 develop capital and twenty year operating cost for each vendor.
43 i) Cost has three components:
44 -capital cost of treatment
45 -buildings
46 -twenty year operating cost
47
48

1 AECOM is nearing the end of their evaluation. Will then bundle the qualitative and the
2 quantitative costs together and forward to DEEP with the Town's recommendation. Should
3 be noted that DEEP has the final say in selection of a vendor.
4

5 Mr. Rinebold complimented Mr. Amwake on his efforts and expressed his confidence in his
6 handling of the project.
7

8 B. Design

- 9 a. Meet every two weeks with AECOM to discuss all disciplines of the project.
10 i) Upcoming meeting with Inland Wetlands
11 ii) Shift of secondary pump station to accommodate 42" pipe bends
12 iii) Evaluation of electricity vs. natural gas for building heat.
13 b. VE schedule has shifted to the week of December 10
14

15 Dennis Setzko and myself will be managing this portion of the project. Upon completion of
16 the VE, a public information session will be held.
17

18 **6. Review of Water/Sewer Division Disbursements.**
19

20 Discussion
21

22 **7. Review of Electric Division Disbursements.**
23

24 Discussion
25

26 Mr. Hendershot questioned the Commission as to their using Correspondence/Committee
27 Reports to discuss the November 6 PUC meeting and the need for two Executive Sessions.
28 Questioned whether a Special Meeting date should be established to address one of the
29 Executive Sessions.
30

31 Mr. Birney, as well as Mr. Beaumont, indicated that they would be alright with a Special
32 Meeting. Mr. Hendershot stated that given the topics, the likelihood of these being short
33 discussions is not likely. It would be his recommendation that the CMEEC update stay as
34 part of the November 6 meeting, while Microgen might be better served as a Special
35 Meeting. Also, he is asking Dave Cavanaugh of ENE to be available to phone in. Mr.
36 Cavanaugh has considerable work experience and knowledge with regard to ISO and has
37 offered to participate in this meeting.
38

39 Dates and times were then discussed.
40

41 Mr. Birney asked to review Page 4-11 of the Director's Report, namely the section regarding
42 Microgen Performance. Stated that the PUC looked at Microgen in 2015. Mr. Birney
43 indicated that Craig Kieny's report, which is produced monthly, provides information on
44 Microgen. Wondering if it would be possible to get a tabular summary from August 2015
45 through August 2018, showing how the project performs on a monthly basis. WED staff to
46 look into this request.
47

48 Mr. Beaumont entertained a motion to adjourn at 7:21 p.m.

1 Mr. Birney made a motion to adjourn.
2 Mr. Rinebold seconded the motion.
3 Votes: 3 ayes

4
5 Respectfully submitted,

6
7
8 Kathy White
9 Recording Secretary

Respectfully submitted,

Joel M. Rinebold
Secretary