

Chairman Thomas Reynolds called the meeting to order at 5:05 p.m. in the BELD Board Room. Those present at the meeting included Chairman Reynolds, Vice Chairman Anthony Agnitti, Secretary James Regan, General Manager William G. Bottiggi, Ken Stone, Chuck Coyne and Jack Orpen, all of BELD.

**I. Minutes of Prior Meetings**

**i. May 8, 2018 Open Meeting**

Voted: on motion of Mr. Regan, to accept the minutes of May 8, 2018 Open Meeting as written. Mr. Reynolds stepped down and seconded. So voted.

**II. Items for Action**

**i. Interface Referral Service Bill Insert Request**

Mr. Bottiggi explained to the Board that this is an advocacy type of program. We will be putting it into the community corner on *Bright Ideas* as well as on our website.

Voted: on motion of Mr. Regan, to allow the Interface Referral Service be inserted with bill. Mr. Reynolds stepped down and seconded. So voted.

**ii. Braintree Fire Request**

Mr. Bottiggi said this was the Charity Golf event and is for the health and welfare of residents and businesses. He listed some of their charities. This is actually a broadband advertising request. There was discussion. We have done two green sponsorships for the Rotary charity.

Voted: on motion of Mr. Regan, to do two green sponsorships for the Braintree Fire Charity Golf event. Mr. Reynolds stepped down and seconded. So voted.

**iii. Public Requests**

Mr. Bottiggi explained this item came about because of a public document requestor. The requestor wanted the minutes and agendas on beld.com and the meetings to be live-streamed on Facebook. He did not feel he should have to make a public information request at all. There was discussion.

The minutes cover what happens in a meeting. There is no need to live-stream the meetings at this time. We could put the minutes and agendas on beld.com and thus the public could see them without the need for a public information request through the Town's system. The good part about the Town's system is that the requestor puts in writing exactly what they want so there is no confusion. Each town department has an RAO (Records Access Officer) and BELD's is Ms. Steele. This information is on the town's website. We have a link to that on our website. There was further discussion. The agendas would be posted a few days before the meeting date. However, the minutes would not be posted until after the next meeting date as they are not approved until the next meeting.

Voted: on motion of Mr. Regan, to post agendas and minutes, after approval, starting with January, 2018. Mr. Reynolds stepped down and seconded. So voted.

**III. Items for Discussion**

**i. Floating Solar Array Grant**

Mr. Bottiggi is applying for a second grant for this with the CEC (Clean Energy Center). We had a kick-off meeting last week with Gary Garfield, of AECOM – he is their solar array representative. We have a scope of work for them: we are going to look at water quality, how a solar array will help reservoirs, the cash flow vs. the cost of the array, different technology to make sure it can withstand harsh weather. They will develop a report and as part of the APPA Grant, they will give it to APPA. We believe it will be completed in October. Mr. Bottiggi will present the report to the Board and the decision can be made about whether we should pursue it or not.

Mr. Regan asked if there were any in the U.S. Mr. Bottiggi said no – there are solar arrays in Sweden, the Far East. He continued although there is supposed to be a small floating solar array – a 100 kilowatt - in Orlando, Florida. That is all – there are no big floating solar arrays in the U.S. There was discussion on some of the benefits of this: less algae build-up, evaporation. It keeps the water cooler because the sun is not on the water and the water keeps the solar array cooler because it is cooling the back of the solar array. Solar arrays do not like very hot weather – they do not put out as much energy once they get hot so this will help with the production of energy.

Mr. Bottiggi explained that he got a preliminary estimate of \$13.3 million for a 13 megawatt DC and it would be 55 acres of floating solar panels. That brings the power ashore and we would pick it up from there – we would have to put it on 2 or 3 feeders. There was discussion on combining this with energy storage – the highest output time for solar arrays is right in the middle of the day and the most valuable time for the energy is at the peak.

**ii. Potter II Long Term Plan**

Mr. Bottiggi reported that the long term plan is to look at retiring the plant. The plan is to have Dave Cavanaugh of ENE – he is their regulatory and ISO-NE expert - come to the September board meeting. He will explain why it is in BELD's best interest to participate in the Substitution Auction. If we clear the Substitution Auction we would get capacity payments for 1 year after Potter was retired. It is called the Substitution Auction because they substitute an old plant for a new renewable resource - so the wind turbines don't get capacity when they put them offshore but we can sell them our capacity supply obligation so they will pay us something for that. It is just for 1 year but is still valuable.

The bottom line is with the new Performance Incentive Market we are not in a good position – if we have a capacity scarcity condition we will get penalized. We are in this market now – penalties start out at \$2,000/megawatt hour and will go to \$5,400/megawatt hour and could cost us a fortune. Capacity scarcity conditions are usually less than an hour but Potter cannot get online that fast. We do not really have a choice since the plant is going to be 50 years old. There was discussion on how hard it is to get replacement parts for an old plant. The actual date for retiring Potter would be 2023. Potter would still be in service until June 2023, which is why we continue to overhaul and maintain it. There was further discussion.

**iii. Energy Storage Project Ribbon Cutting**

Mr. Bottiggi reported we are still trying to have the ribbon cutting for the energy storage project. He would like to get a date in late August/early September. There was discussion on what might work.

**iv. New Potter Natural Gas Engines**

Mr. Bottiggi reported that this is close to being done – they are doing control wiring now. The problem is there is no gas because the pipeline still has to be put in and National Grid is still on strike. We were shooting to have the pipeline in for September but we do not know what is going to happen now. There was discussion.

**IV. Personnel Update**

Mr. Bottiggi reported there is a new PC Tech, James Lewis. He will be working supporting the Town. There was an opening because Ming Li was promoted.

**V. Old Business (As Determined/Needed)**

**i. Small Cell Antenna Project**

Mr. Bottiggi explained this project has stalled. BELD would like to have the ability to limit the amount of carriers on each pole. We do not want to be overburdened with wiring. The attorneys are talking to each other.

**VI. New Business (As Determined/Needed)**

Mr. Bottiggi said this goes along with the small cell. He wrote a letter to Senator Markey – there is a movement to fast-track small cell antenna deployment to make it easier for the carriers, like Verizon, Sprint and AT&T, to put them up – and voiced BELD's position.

Mr. Agnitti arrived at 5:34 p.m. He was brought up to date on votes taken.

**VII. Public Participation (As Determined/Needed)**

None.

**VIII. Tabled Items**

None.

**IX. Next Regular Meeting – Upcoming Meetings**

**i. Tuesday, September 4, 2018**

**X. Executive Session (As Determined/Needed)**

Not needed.

**XI. Adjournment**

Voted: on motion of Mr. Regan, to adjourn the Electric Division meeting at 5:40 p.m. Mr. Reynolds stepped down and seconded. So voted.

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James P. Regan  
Secretary

Chairman Thomas Reynolds called the meeting to order at 5:00 p.m. in the BELD Board Room. Those present at the meeting included Chairman Reynolds, , Secretary James Regan, General Manager William G. Bottiggi, Ken Stone, all of BELD. Vice Chairman Anthony Agnitti was not present.

**I. Minutes of Prior Meetings**

**i. May 8, 2018 Open Meeting**

Voted: on motion of Mr. Regan, to accept the minutes of May 8, 2018 Open Meeting as written. Mr. Reynolds stepped down and seconded. So voted.

**II. Items for Action**

None.

**III. Items for Discussion**

Mr. Bottiggi reported that there are no issues. The crews are doing two to three installs per day. We have a new plan \$29.95 for 100 megabit downstream for new customers. We have more internet customers than cable tv customers. The younger generation is not going for the tv. A typical package now would be phone and internet. There was some discussion.

**IV. Personnel Update**

None.

**V. Old Business**

None.

**VI. New Business**

None.

**VII. Public Participation**

None.

**VIII. Tabled Items**

None.

**IX. Next Regular Meeting – Upcoming Meetings**

**i. Tuesday, September 4, 2018 at 5:00 p.m.**

**X. Executive Session**

None.

**IX. Adjournment**

Voted: on motion of Mr. Regan, to adjourn the Broadband Division meeting at 5:04 p.m. Mr. Reynolds stepped down and seconded. So voted.

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James P. Regan  
Secretary