

SEP 08 2015

Friends of Penobscot Bay

POB 1871, Rockland ME 04841
www.penbay.net

Councilor Larry Pritchett
City Council
City of Rockland
Rockland, Maine 04841

September 4, 2015

Subject: Maine Freedom of Access Act request

Dear Mr. Pritchett

This letter is a request pursuant to 1 M.R.S.A. 408, the Maine Freedom of Access statute, to inspect at your office and to copy as necessary the following records: Meeting notes, records, letters, faxes, emails, attachments, phone notes, phone logs, photographs and other written and electronic records **written, received or recorded by you to or from any source, between July 28, 2015 and September 4, 2015, inclusive, that pertain to the proposed natural gas cogeneration power plant and related pipeline proposals being considered in or connecting to Rockland.**

If you choose to deny permission to physically inspect or copy any of the requested records, please state the reason for the denial, including the appropriate legal citation(s). If you need additional information to locate any of the documents requested, please call me at 691-7485 or email me at coastwatch@gmail.com

Friends of Penobscot Bay looks forward to receiving your acknowledgement within five (5) working days of your receipt of this letter, as required by 1 M.R.S.A. 409 (1).

We prefer to inspect, review and copy these requested records at the city office. However digital copies are acceptable provided they are in searchable-text pdf format except where not possible (maps, photo images, etc.). Please contact me to set an appointment to review these records. Contact by phone at 691-7485 or by email: coastwatch@gmail.com

Sincerely

Ron Huber

Ron Huber, Executive Director
Friends of Penobscot Bay

cc Brenda L. Kielty, Assistant Attorney General, Public Access

Larry Pritchett

From: Amy Files <amy@wilderbydesign.com>
Sent: Monday, August 03, 2015 15:52
To: Larry Pritchett
Cc: Brooks Winner
Subject: Rockland energy consumption

Hi Larry,

I am guessing you are very busy — I haven't heard back from the last couple of emails I wrote. I hope you are having a nice summer...

I'm cc'ing Brooks in case he may be able to answer some questions as an energy committee member and local energy associate for the Island Institute...? I am also cc'ing Nate Davis as an interested Renew Rockland member.

1) I have been asking around, and so far been unsuccessful in tracking down the amount of energy (electric) that Rockland uses. This could be total Kilowatt hours per year — basically for all residents, town etc. I have a call into CMP where they sounded like they might get back to me — but it doesn't sound definite so I thought I'd follow-up with you again. I'd like to know as when we are discussing this region's (and our city's in specific) needs, it seems like an important figure to understand...?

2) What is the official status of the power plant proposal? Since the original vote — where the way it was described, made to sound like there'd be ample opportunity for conversation (and multiple workshops!) — it feels as though we've had zero... except for that one additional presentation from Evan which felt kind of a duplicate to the first. Is this project still in the works? Are they still looking at other locations? When is the next workshop? And will we be voting on this in November?

3) I'd really love an official "state of Rockland Energy" from you and/or the energy committee to post on Renew Rockland's Facebook page... as you may or may not know a small, growing, group of us are working on multiple initiatives — including solar sharing, a community educational effort to encourage efficiency and conservation, as well as lobbying our local, state and federal governments to encourage Maine to provide incentives for renewables that at least match the surrounding states. We are very (!!) excited to hear about the new solar farm proposal... and hoping to partner with the city on some of these initiatives that we'll be working on — it would be very helpful to us to get some kind of official report/update on where you see Rockland's current energy needs and what our future goals are.

Thank you!!!!

Amy

542-4858

wilderbydesign.com 207.200.5151 facebook.com/wilderbydesign

Brooks Winner

From: Brooks Winner <bwinner@islandinstitute.org>
Sent: Tuesday, August 04, 2015 17:26
To: Larry Pritchett; 'Pearce, Bill'; 'Peggy Coyne'; 'deborah donnelly'
Subject: RE: Energy Committee > Meeting > Tomorrow > Wednesday > 8/5 > 5 PM > Recreation Center > Tower Room

Hi Larry,

I had a meeting pop up on my schedule for tomorrow at 4:00 in Topsham, so I probably won't be able to join the meeting unless I could join by phone. Would that work? I just ran into Audra at Rock City and would like to discuss plans for the next forum on natural gas/EMI/REC.

Sorry for the late notice.

-Brooks

Brooks Winner
Community Energy Associate
Island Institute
207.594.9209 x 148
207.358.0219 cell
www.islandinstitute.org
[@brookswinner2](#) | [LinkedIn](#)

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Tuesday, August 04, 2015 12:35 PM
To: 'Pearce, Bill' <billpearce@roadrunner.com>; 'Peggy Coyne' <pntcoyne@gmail.com>; 'deborah donnelly' <debdonnelly40@gmail.com>; Brooks Winner <bwinner@islandinstitute.org>
Subject: Energy Committee > Meeting > Tomorrow > Wednesday > 8/5 > 5 PM > Recreation Center > Tower Room

Hi All,

I got confirmation a few minutes ago for the Tower Room at the Rec Center.
As we discussed the meeting will start at 5 PM.
Please let me know if you cannot attend.

Best
Larry
594-8806

Larry Pritchett

From: Larry Pritchett
Sent: Tuesday, August 04, 2015 16:26
To: 'Audra Caler-Bell'
Subject: FW: Woodard and Curran

I left a message for Dan.

From: Michael Stoddard [<mailto:michael.stoddard@efficiencymaine.com>]
Sent: Tuesday, August 04, 2015 15:43
To: Larry Pritchett
Subject: FW: Woodard and Curran

Larry, either of these folks (below) would be good additions to your panel.

1. Dan Kelley, VP, Woodard and Curran
dkelley@woodardcurran.com
774-2112
2. Mike Chonko, Principal, SMRT Inc.
mchonko@smrtinc.com
321-3865

Best of luck,
/Michael

From: Ian Burnes
Sent: Tuesday, August 04, 2015 3:30 PM
To: Michael Stoddard
Subject: RE: Woodard and Curran

I would go with these two names. Both would be equally good.

Ian Burnes
(207)-213-4149

Notice: If you are not the intended recipient for this message or if we have sent you this email in error, we ask that you notify the sender immediately and delete the message from your system. Also, please be advised that emails and email attachments received by Efficiency Maine, with certain limited exceptions, are considered a public record.

Melissa A. O'Neal

From: O'Neal, Melissa A. <moneal@preti.com>
Sent: Wednesday, August 05, 2015 12:44
To: larrypritchett.council@gmail.com
Subject: Panel Discussion

Importance: High

Larry:

Tony has asked that you please send a synopsis of the event and what exactly you'd like Preti to discuss and how long they will have to discuss it. He's meeting with the members of his practice group tomorrow and will add this speaking engagement to the agenda. Any other information you could share would be very much appreciated.

Best,
Missy

Melissa A. O'Neal
Special Projects Coordinator
207.791.3198 Tel
207.649.7252 Cell
moneal@preti.com
[LinkedIn](#) | [Twitter](#) | preti.com

PretiFlaherty
45 Memorial Circle
P.O. Box 1058
Augusta, ME 04332-1058

This E-Mail may contain information that is privileged, confidential and / or exempt from discovery or disclosure under applicable law. Unintended transmission shall not constitute waiver of the attorney-client or any other privilege. If you are not the intended recipient of this communication, and have received it in error, please do not distribute it and notify me immediately by E-mail at moneal@preti.com or via telephone at 207.791.3000 and delete the original message. Unless expressly stated in this e-mail, nothing in this message or any attachment should be construed as a digital or electronic signature or as a legal opinion.

Larry Pritchett

To: O'Neal, Melissa A.
Subject: RE: Panel Discussion

Morning Missy,

Let me start by saying once all participants are confirmed, the City intends to review the topics and adjust the format based on the areas of expertise and interest of the presenters as well as any suggestions from the presenters. The following (also in the attached PDF) is an outline of what the City is working to develop.

Date & Time

Either Tuesday 8/18 or Wednesday 8/19. Slight preference for 8/18 but can do 8/19 if that works better for Tony or someone from his team. Start time can be 6:00 PM, 6:30 PM or 7:00 PM depending on travel schedule of presenters.

Participants

The other confirmed participants are Public Advocate Tim Schneider and CLF Attorney Greg Cunningham. The City reached out to both Dan Kelly at Woodard-Curran and Mike Chonko at SMRT to see if one of them could talk about the technical aspects of developing a CHP project. But, we have been playing telephone tag so far.

In short the panel will be either three or four people. The City wanted to keep the panel small so each had time to speak and each would have time to respond to all of the questions (if a panel member desired to do so).

Format

City folk are meeting Thursday afternoon to discuss format a little more. The assumption is this will be a two hour program. Ten to fifteen minutes for "presentation" from each member of the panel and the remainder of the time for questions and discussion.

To keep the forum focused and to allow the forum to cover the material and topics as thoroughly as practical the City is leaning toward having questions submitted ahead of time (online electronic) and/or submitted on cards half way through the event.

Background

As Tony is aware, several years ago when Hannah Pingree was Speaker of the House, there were many discussions about extending a natural gas distribution line into Rockland from either Windsor or Searsmont. That effort to bring natural gas to the Rockland area stalled for a variety of reasons.

To meet air emission goals, FMC converted to natural gas (trucked CNG by XNG) last fall. This spring EMI (the company that proposed Cape Wind and the company that developed the CoGen facility in Rumford) approached the City about developing a CHP plant here.

The CHP plant, which is proposed to be built on City land, would be a primary anchor user for extending a natural gas distribution line into Rockland. The CHP facility as proposed would supply base load electricity to the grid and possibly supply electricity to some users on a local micro grid near the facility.

In addition the City is exploring with EMI the potential for developing some form of District Energy system that would supply steam (or hot and chilled water generated from the heat recovered from the gas turbines' exhaust) to both the City's industrial park as well as the City's water front commercial area.

On May 26th, the City's Energy Committee held a public forum with EMI on this project. As additional background information I have attached a PDF that contains both EMI's slides from the May 26th forum as well as the questions raised by the public on each of the topic areas covered that evening.

Forum Topics/Focus Areas

Because this is a large project (\$220 Million) and because the project is proposed for City land, the City is hosting public forums to help the community understand the questions and issues involved with a project like this.

The August public forum/panel discussion is NOT about the details of the EMI proposal. This forum is about the energy, economic, environmental and regulatory context in which this project is being proposed.

As Tony knows, specialty manufacturing remains a key strong component of Rockland's economy (Sabre/Back Cove Yachts, Fisher Snowplow, Lonzo, FMC, Steel Pro, O'Hara Corporation, Bixby & Co, etc.).

One of the reasons for inviting Tony was to have someone who could speak to the role energy costs in general, and natural gas in particular, plays in keeping specialty manufacturing viable and recruiting new businesses in that sector.

As noted at the beginning the City is still refining the topic areas (and welcomes suggestions from presenters). A partial draft list of topics in below. As is obvious from the items listed, Tony could speak to several of these and would be a good person to discuss/debate these with other members of the panel.

How Does Energy Cost And The Availability Of Natural Gas Impact Specialty Manufacturing In Maine?

What Role Does Natural Gas Play In Providing Energy For Electricity, For Heat, For Manufacturing In Maine?

Is Expanding Natural Gas and Expanding Renewable Energy Sources In Conflict With Each Other Or Are Renewables and Natural Gas Both Tools To Meet Climate And Air Quality Goals?

How Does The PUC Typically Evaluate The Potential Environmental And Cost Benefits Of Long Term Contracts To Supply Electricity?

What Are The Key Potential Local Impacts Of A CHP Facility Like This To Which Residents And The City Should Pay Close Attention?

What Should The City Do To Help Insure Significant Benefits Of A CHP Project Like This Remain In The City?

What Steps Is The State Taking (& Should The State Take) To Insure Methane Losses From Natural Gas Transmission & Distribution Lines Are Low?

Questions?

Since this memo is now two pages and since when we both are at the Legislature before EUT Tony always accuses me of providing too much detail, I'll stop here. If Tony has any questions my cell phone number is 594-8806 and Audra Caler's cell phone number is 505-1384. Audra is the City's Economic Development Director.

Thanks!

Councilor Larry R. Pritchett
Chair, City Of Rockland Energy Committee
LarryPritchett.Council@GMail.Com
Phone: (207) 594-8806

Larry Pritchett

From: Larry Pritchett <larrypritchett.council@gmail.com>
Sent: Friday, August 07, 2015 12:09
To: 'Dan Dunkle'
Subject: RE: power plant forum

Understood. I had wanted to get it out today. Best laid plans and all that .

..

-----Original Message-----

From: Dan Dunkle [<mailto:ddunkle@courierpublicationsllc.com>]
Sent: Friday, August 07, 2015 12:13
To: Larry Pritchett
Subject: RE: power plant forum

OK, thanks... I ask only that you please release it by Tuesday morning or I might end up missing it for this next paper coming out!

Daniel Dunkle
News Director
The Courier-Gazette, Camden Herald and Republican Journal
594-4401 ext. 122

From: Larry Pritchett [larrypritchett.council@gmail.com]
Sent: Friday, August 07, 2015 12:03 PM
To: Dan Dunkle
Subject: RE: power plant forum

Hi Dan,

We had to delay a planning meeting for this because one party was sick. I plan to talk about it Monday night and I expect the press will get a press release either during the day on Monday or first thing Tuesday. It will be either 8/18 or 8/19.

Larry

-----Original Message-----

From: Dan Dunkle [<mailto:ddunkle@courierpublicationsllc.com>]
Sent: Friday, August 07, 2015 12:09
To: larrypritchett.council@gmail.com
Subject: power plant forum

Hi Larry,

Do you have the dates nailed down for the next power plant forum? I know we had talked about it briefly and you had mentioned it at the city council meeting.

My cell is 706-6530. Thanks

Daniel Dunkle
News Director
The Courier-Gazette, Camden Herald and Republican Journal
594-4401 ext. 122

Larry Pritchett

From: Larry Pritchett <larrypritchett.council@gmail.com>
Sent: Friday, August 07, 2015 15:26
To: 'Audra Bell'
Cc: 'Brooks Winner'
Subject: RE: Energy Forum Press and Format

So Island Institute at 4 PM? See you both then!

LP

From: Audra Bell [mailto:abell@ci.rockland.me.us]
Sent: Thursday, August 06, 2015 14:48
To: 'Larry Pritchett'
Cc: 'Brooks Winner'
Subject: RE: Energy Forum Press and Format

Sorry Larry – I forgot to “reply all” to Brooks’ earlier email. I can make it tomorrow afternoon.

Thank you,
Audra

From: Larry Pritchett [mailto:larrypritchett.council@gmail.com]
Sent: Thursday, August 06, 2015 2:45 PM
To: 'Brooks Winner'; 'Audra Bell'
Subject: RE: Energy Forum Press and Format

Hey Brooks,

If you hear from Audra, could you send me a text to my phone? I am heading to a meeting across the street at 3 PM and may not see email. If I don't hear from you, I'll walk over at 4 PM today. How long is your call today? Could we start a little late? I can shuffle stuff tomorrow afternoon (so long as I know by early tomorrow morning).

Thanks!
Larry
207.594.8806

From: Brooks Winner [mailto:bwinner@islandinstitute.org]
Sent: Thursday, August 06, 2015 12:23
To: Audra Bell; 'Larry Pritchett'
Subject: RE: Energy Forum Press and Format

Hi Larry and Audra,

I just realized that I had switched a call from yesterday to today at 4:00 without moving it on my calendar. Would it work for you to meet sometime tomorrow afternoon? I'm available at 4:00 then as well.

Brooks Winner
Community Energy Associate

Island Institute
207.594.9209 x 148
207.358.0219 cell
www.islandinstitute.org
[@brookswinner2](#) | [LinkedIn](#)

From: Brooks Winner
Sent: Thursday, August 06, 2015 11:06 AM
To: 'Audra Bell' <abell@ci.rockland.me.us>; 'Larry Pritchett' <larrypritchett.council@gmail.com>
Subject: RE: Energy Forum Press and Format

Sounds good. See you then.

Brooks Winner
Community Energy Associate
Island Institute
207.594.9209 x 148
207.358.0219 cell
www.islandinstitute.org
[@brookswinner2](#) | [LinkedIn](#)

From: Audra Bell [<mailto:abell@ci.rockland.me.us>]
Sent: Thursday, August 06, 2015 9:58 AM
To: Brooks Winner <bwinner@islandinstitute.org>; 'Larry Pritchett' <larrypritchett.council@gmail.com>
Subject: RE: Energy Forum Press and Format

That would be great – I'll see you both at the Island Institute at 4.

Audra

From: Brooks Winner [<mailto:bwinner@islandinstitute.org>]
Sent: Thursday, August 06, 2015 9:43 AM
To: Larry Pritchett; 'Audra Bell'
Subject: RE: Energy Forum Press and Format

I can book a conference room here at the Island Institute if that works for you, Audra.

Brooks Winner
Community Energy Associate
Island Institute
207.594.9209 x 148
207.358.0219 cell
www.islandinstitute.org
[@brookswinner2](#) | [LinkedIn](#)

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Thursday, August 06, 2015 9:39 AM
To: Brooks Winner <bwinner@islandinstitute.org>; 'Audra Bell' <abell@ci.rockland.me.us>
Subject: RE: Energy Forum Press and Format

Hi All,

Where should we meet? Island Institute? City Hall? Library? It would be easier for Brooks and I to meet

downtown somewhere.

Larry
594-8806

From: Brooks Winner [<mailto:bwinner@islandinstitute.org>]
Sent: Thursday, August 06, 2015 09:36
To: Larry Pritchett
Subject: RE: Energy Forum Press and Format

I'm available at 4:00 today.

Brooks Winner
Community Energy Associate
Island Institute
207.594.9209 x 148
207.358.0219 cell
www.islandinstitute.org
[@brookswinner2](#) | [LinkedIn](#)

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Thursday, August 06, 2015 6:10 AM
To: Brooks Winner <bwinner@islandinstitute.org>
Subject: FW: Energy Forum Press and Format

Hey Brooks,

Audra and I could meet any time after 11 AM today. What works for you?

Larry

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Wednesday, August 05, 2015 14:55
To: 'Audra Bell'; 'Brooks Winner'
Subject: RE: Energy Forum Press and Format

I have a Rockland Main Street Board Meeting at 3 PM, but I could skip that if that is the only time Brooks was free. I am free from Noon until 3 PM.

Larry

From: Audra Bell [<mailto:abell@ci.rockland.me.us>]
Sent: Wednesday, August 05, 2015 14:20
To: 'Larry Pritchett'
Cc: 'Brooks Winner'
Subject: RE: Energy Forum Press and Format

Hi Larry & Brooks,

Can you both meet sometime tomorrow afternoon?

Thank you,
Audra

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Wednesday, August 05, 2015 8:40 AM
To: 'Audra Caler-Bell'
Cc: 'Brooks Winner'
Subject: Energy Forum Press and Format

Hi Audra,

Do you have time on either Thursday or Friday to meet with Brooks and I to talk about a press release about and the format for the next forum. Also, have you heard from Tony Buxton?

Thanks!
Larry
594-8806

7 Aug Notes: B Winner, L Pritchett Meeting, A Caller was not able to attend.

How Does Energy Cost And The Availability Of Natural Gas Impact Specialty Manufacturing In Maine?

What Role Does Natural Gas Play In Providing Energy For Electricity, For Heat, For Manufacturing In Maine?

Is Expanding Natural Gas and Expanding Renewable Energy Sources In Conflict With Each Other Or Are Renewables and Natural Gas Both Tools To Meet Climate And Air Quality Goals?

How Does The PUC Typically Evaluate The Potential Environmental And Cost Benefits Of Long Term Contracts To Supply Electricity?

What Are The Key Potential Local Impacts Of A CHP Facility Like This To Which Residents And The City Should Pay Close Attention?

What Should The City Do To Help Insure Significant Benefits Of A CHP Project Like This Remain In The City?

What Steps Is The State Taking (& Should The State Take) To Insure Methane Losses From Natural Gas Transmission & Distribution Lines Are Low?

Be clear what each panelist is going to speak to:

Tim: Statewide context for natural gas for rate payers? Is new generation capacity need? On what scale is the need? Local grid constraints? PUC review process? Public opportunity for comment? How does the PUC review the value of term contracts?

Tony: Background on omnibus energy bill? How Does Energy Cost And The Availability Of Natural Gas Impact Specialty Manufacturing In Maine?

Greg Cunningham: DEP/EPA permitting? Comparable scenario? Better reference than Rumford? What is this replacing? How does one weigh natural gas?

Questions: 10-15 each speaker /15 minutes questions between each speaker

Larry Pritchett

From: Larry Pritchett <larrypritchett.council@gmail.com>
Sent: Sunday, August 09, 2015 09:28
To: 'Brooks Winner'; 'deborah donnelly'; 'Peggy Coyne'; 'Pearce, Bill'
Cc: 'Audra Bell'
Subject: DRAFT > Please Review > 5/26 Forum Materials
Attachments: 2015_05.26_EMI_Slides_Energy_Committee_Notes_Public_Forum_Merged.pdf

Hi All,

Attached please find what I hope is a final draft of the materials from the May 26th public forum. Since all of EMI's slides were "wide screen" (i.e., would print to legal/8.5x14 paper in landscape orientation), I took Brook's notes and changed the orientation and size to match.

I also added a "credits" page (page #2) so folk know what the materials in the PDF actual are. I included on the end of this "credits" page a link to the web page where the video from the forum is archived. I also included (as page #3) the May 1 Council meeting handout from EMI.

The only editing I did (aside from a few stray typos) was to move related questions together. I think this makes more readable by folk who did not attend the forum and more useful as a quick check on the (related) points raised.

Please review and get back to me so the City can get this up on the web site soon. Once I get all suggested corrections/edits, I will (time permitting) add bookmarks to the PDF file for the major sections (it is 27 pages long)

Larry
594-8806

Tony Coyne

From: Peggy Coyne <pntcoyne@gmail.com>
Sent: Sunday, August 09, 2015 17:54
To: Larry Pritchett
Subject: Re: DRAFT > Please Review > 5/26 Forum Materials

Looks good Larry. Thanks for doing this. No major problems with it.
Tony

On Sun, Aug 9, 2015 at 9:28 AM, Larry Pritchett <larrypritchett.council@gmail.com> wrote:

Hi All,

Attached please find what I hope is a final draft of the materials from the May 26th public forum. Since all of EMI's slides were "wide screen" (i.e., would print to legal/8.5x14 paper in landscape orientation), I took Brook's notes and changed the orientation and size to match.

I also added a "credits" page (page #2) so folk know what the materials in the PDF actual are. I included on the end of this "credits" page a link to the web page where the video from the forum is archived. I also included (as page #3) the May 1 Council meeting handout from EMI.

The only editing I did (aside from a few stray typos) was to move related questions together. I think this makes more readable by folk who did not attend the forum and more useful as a quick check on the (related) points raised.

Please review and get back to me so the City can get this up on the web site soon. Once I get all suggested corrections/edits, I will (time permitting) add bookmarks to the PDF file for the major sections (it is 27 pages long)

Larry
594-8806

FOAA Note:

The PDF containig the slides and notes from the 5/26 forum is on the City's web site with materials from that public event

Larry Pritchett

From: Larry Pritchett
Sent: Sunday, August 09, 2015 20:38
To: 'mchonko@smrtinc.com'
Subject: Rockland > Energy > CHP > Email > Attachments
Attachments: 2015_08.12_Energy_LP_Council_Memo_CHP_District_Energy_DRAFT_9Aug2030hrs.pdf; 2015_08.06_Rockland_Energy_Committee_Pritchett_Memo_Forum_Buxton_Preti.pdf; 2015_05.26_EMI_Slides_Energy_Committee_Notes_Public_Forum_Merged.pdf

Hi Mike,

As a hedge against a weak cell signal, I am sending some relevant documents attached to an email separate from the email to you about the forum. As noted in my other (text only) email, the following documents are included here:

(1) A more detailed memo sent to Preti-Flaherty on the project and the forum; (2) The slides and summary notes from the May 26th public forum; (3) A draft background memo the Energy Committee is preparing for Council (not yet sent and with only three sections complete) covering topics related to CHP facilities and District Energy.

Thanks!

Councilor Larry R. Pritchett
Chair, City Of Rockland Energy Committee
LarryPritchett.Council@GMail.Com
Phone: (207) 594-8806

FOAA Note:

All documents listed as attachments are included with other emails in this compilation PDF binder

Larry Pritchett

From: Larry Pritchett <larrypritchett.council@gmail.com>
Sent: Sunday, August 09, 2015 20:40
To: mchonko@smrtinc.com
Subject: Rockland > Energy > CHP > Questions > No Attachments

Hi Mike,

Thanks for the phone calls. According to Brian, you seem to occasionally be checking office email even though you are on vacation. So I'll try a note so we don't both have to have cell service at the same time. By introduction I am a member of Rockland's City Council and chair of the City's Energy Committee.

Two Questions:

I will start with the two key two questions and then provide the background behind the questions: (1) Is there someone at SMRT (Michael Stoddard suggested you; Brian mentioned Paul Stevens or Kate Everett when he realized you were on vacation) who would be available to participate in a public forum here on the evening of 8/19?

And, (2) if the City was looking for a company to provide a third party technical review (or assist with any municipal components that develop) of the proposed CHP facility and the related district energy/district heating system would SMRT be interested in doing that?

Background:

In late March of this year the City was approached by Energy Management, Inc. (EMI, the company behind the Cape Wind project and other projects) about the possibility of constructing a natural gas fired combined heat and power plant (initial proposed size of 76 MW) in the City.

If constructed the proposed CHP facility would be constructed on one of two municipal parcels. In May the Council approved a very limited option to EMI (i.e., the option does not bind the City to sell land to EMI nor bind EMI to buy the land; the option just precludes the City from selling to others during the evaluation process).

In concept the proposed CHP facility would supply base load electricity to the grid (CMP/Emera), potentially supply some electricity to a local micro-grid, and supply steam (at least) to some/all of the City's industrial park and some/all of the City's Tillson Waterfront Avenue Commercial area through a District Energy system.

Public Forum:

Because this is a large project (\$220 Million) and because the project is proposed for City land, the City is hosting public forums to help the community understand the questions and issues involved with a project like this.

The City's Energy Committee held an initial public forum with a representative of EMI on May 26th. The forum planned for August 19th is intended to address some of the broader questions raised at the May 26th meeting.

The August public forum/panel discussion is NOT about the details of the EMI proposal. This forum is about the energy, economic, environmental and regulatory context in which this project is being proposed.

The other confirmed participants are: (1) Tim Schneider, Public Advocate before Maine's Public Utilities Commission; (2) Greg Cunningham, Director of Conservation Law Foundation's Clean Energy and Climate Change program; and (3) Tony Buxton, the chair of Preti-Flaherty's Energy & Utilities Practice.

SMRT Involvement In Forum:

A CHP plant combined with a local district energy system is a complex project that raises a range of questions in the community. I got your name when I asked Michael Stoddard who would be a good person to describe in general terms what a CHP facility is and what the benefits of the this type of system could be.

The City had hoped to include a blend of energy, utility, environmental perspectives in this forum. Many of the questions and issues have technical, policy and fiscal facets. I apologize for the late request. It took the City a while to identify the participants and begin to narrow in on dates.

Attachments:

I do not know how good your internet connection may be, so I will keep this email (fairly) short and am sending all support documents attached to a separate email. That second email has attached to it:

(1) A more detailed memo sent to Preti-Flaherty on the project and the forum; (2) The slides and summary notes from the May 26th public forum; (3) A draft background memo the Energy Committee is preparing for Council (not yet sent and with only three sections complete) covering topics related to CHP facilities and District Energy.

Forum Date:

The date of the forum is Wednesday evening August 19 in Rockland. The City is checking with all participants on Monday to see if there is any strong preferences between a 6:00 PM, a 6:30 PM, or a 7:00 PM start time.

Many thanks for taking the time to call back on your vacation. I should be reachable Monday morning (and much of the day Monday). I have a City Council meeting starting at 6:00 PM Monday evening.

Thanks!

Councilor Larry R. Pritchett
Chair, City Of Rockland Energy Committee
LarryPritchett.Council@GMail.Com
Phone: (207) 594-8806

Andy O'Brien

From: aobrienfreepress@gmail.com on behalf of Andy O'Brien
<aobrien@freepressonline.com>
Sent: Monday, August 10, 2015 09:24
To: Larry Pritchett
Subject: Re: Energy Forum > Rockland > 8/19

Thanks, Larry. I will put this on the calendar.

On Mon, Aug 10, 2015 at 9:20 AM, Larry Pritchett <larrypritchett.council@gmail.com> wrote:

Hi Andy,

As a follow up to the May 26th public forum, the City's Energy Committee and the Community Development Department will be hosting a follow up public forum next Wednesday (8/19). The press release is not yet done (a few key logistics details are still being worked out).

But, I wanted you to know as you plan space in this week's paper. Confirmed participants are Tim Schneider (Public Advocate), Tony Buxton (Preti-Flaherty) and Greg Cunningham (CLF Clean Energy program director). There may be one more. Should have all the details in the morning (if not sooner).

Larry
594-8806

--
Free Press
8 North Main Street, Suite 101
Rockland, ME 04841
(O) 207 596-0055
(C) 207-542-4728

Dan Burgess

From: Dan Burgess <dburgess4@roadrunner.com>
Sent: Monday, August 10, 2015 11:45
To: Larry Pritchett
Subject: Re: Energy Forum > City Hall > Wednesday > 8/19

Yes, thanks for the heads up!

Sent from my iPhone

On Aug 10, 2015, at 9:29 AM, Larry Pritchett <larrypritchett.council@gmail.com> wrote:

Hi Dan,

The City is planning a follow up public forum on the combined heat and power plant project for next Wednesday (8/19). Some of the logistics are still being worked out (like start time, probably 6:30 PM). Are you available to record/broadcast this event?

Larry
594-8806

Larry Pritchett

From: Larry Pritchett <larrypritchett.council@gmail.com>
Sent: Monday, August 10, 2015 16:19
To: 'Audra Bell'
Subject: FW: Panel Discussion

FYI

From: O'Neal, Melissa A. [mailto:moneal@preti.com]
Sent: Friday, August 07, 2015 14:58
To: Larry Pritchett
Subject: RE: Panel Discussion

Hi Larry!

Great! You can email me any questions and I'll be checking in each day... no worries! I hope it warms up a little! ☺

Thanks again,
Missy

Melissa A. O'Neal
Special Projects Coordinator
PretiFlaherty

From: Larry Pritchett [mailto:larrypritchett.council@gmail.com]
Sent: Friday, August 07, 2015 2:55 PM
To: O'Neal, Melissa A.
Subject: RE: Panel Discussion

So take this email as confirmation for the 19th. Tony has a good bio on the web site, so that should do on that point for the press release. City folk are meeting this afternoon to discuss structure. Should I email you any questions we have? Or someone else? Don't have too much fun on the island . . .

Thanks,
Larry

From: O'Neal, Melissa A. [mailto:moneal@preti.com]
Sent: Friday, August 07, 2015 12:57
To: Larry Pritchett
Subject: RE: Panel Discussion

Hi Larry! I just got in from a dr. appointment. My apologies.

Tony will attend and can do the 19th. Please let me know what you need from me.

Thanks!
Missy

Melissa A. O'Neal
Special Projects Coordinator
PretiFlaherty

From: Larry Pritchett [mailto:larrypritchett.council@gmail.com]
Sent: Friday, August 07, 2015 12:30 PM

To: O'Neal, Melissa A.
Subject: RE: Panel Discussion

Hi Missy,

Just checking in quickly. I am out to a lunch meeting. Back about 1:30.

Many thanks!
Larry

From: O'Neal, Melissa A. [<mailto:moneal@preti.com>]
Sent: Thursday, August 06, 2015 10:31
To: Larry Pritchett
Subject: RE: Panel Discussion
Importance: High

Ok, sounds great. I'd like to get this coordinated and wrapped up by tomorrow as I will be out of the office next week and have limited access to email. I will have access, but only about once a day. If you're from Rockland, you're probably familiar with the ferry terminal, etc.! We leave from the terminal on Saturday morning and head to Creihaven for the week... ☺ My email access is limited to about once a day when we walk ¾ of a mile to our hostess' home where she gets an internet signal.

I will be in touch and thanks again for your patience!

Missy

Melissa A. O'Neal
Special Projects Coordinator
[PretiFlaherty](#)

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Thursday, August 06, 2015 10:27 AM
To: O'Neal, Melissa A.
Subject: RE: Panel Discussion

Thanks Missy,

First thing tomorrow would be fine. The City needs to get press releases for print media out by noon on Monday (i.e., local weekly papers). Just so long as we can get the 1-2 sentence sound bite for the press (and bio) tomorrow that should work. The City can discuss in more detail what Preti would do at the forum at some point next week.

Larry

From: O'Neal, Melissa A. [<mailto:moneal@preti.com>]
Sent: Thursday, August 06, 2015 10:18
To: Larry Pritchett
Subject: RE: Panel Discussion
Importance: High

Larry – thanks very much for this information. I've passed it on to Tony for him to go over with our Energy Practice Group team today at their meeting.

I will be back in touch by tomorrow morning. I'm sure we will be able to work something out. If you need to know prior to tomorrow, please let me know as soon as possible.

Thanks!

Missy

Melissa A. O'Neal
Special Projects Coordinator
PretiFlaherty

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Thursday, August 06, 2015 9:45 AM
To: O'Neal, Melissa A.
Subject: RE: Panel Discussion

Morning Missy,

Attached is a two page memo that hopefully covers Tony's questions. As additional info I attached a PDF that includes both EMI's project slides and the Energy Committee's summary of public questions from a May 26th Forum on the proposed combined heat and power project in Rockland.

Thanks!
Larry

From: O'Neal, Melissa A. [<mailto:moneal@preti.com>]
Sent: Wednesday, August 05, 2015 16:04
To: Larry Pritchett
Subject: RE: Panel Discussion

Yes, that would be fine. Thanks, Larry. Tony's meeting starts at 12 noon.

Missy

Melissa A. O'Neal
Special Projects Coordinator
PretiFlaherty

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Wednesday, August 05, 2015 3:56 PM
To: O'Neal, Melissa A.
Subject: RE: Panel Discussion

Hi Missy,

I just saw these two emails and am about to head out to a meeting.
If the City gets something to you by 9 AM Thursday is that soon enough?

Thanks!
Larry

From: O'Neal, Melissa A. [<mailto:moneal@preti.com>]
Sent: Wednesday, August 05, 2015 12:46
To: larrypritchett.council@gmail.com
Subject: RE: Panel Discussion

In addition, Larry, would you also let me know who else is participating on the panel? Many thanks!!

Missy

Melissa A. O'Neal
Special Projects Coordinator
PretiFlaherty

From: O'Neal, Melissa A.
Sent: Wednesday, August 05, 2015 12:44 PM
To: 'larrypritchett.council@gmail.com'
Subject: Panel Discussion
Importance: High

Larry:

Tony has asked that you please send a synopsis of the event and what exactly you'd like Preti to discuss and how long they will have to discuss it. He's meeting with the members of his practice group tomorrow and will add this speaking engagement to the agenda. Any other information you could share would be very much appreciated.

Best,
Missy

Melissa A. O'Neal
Special Projects Coordinator
207.791.3198 Tel
207.649.7252 Cell
moneal@preti.com
[LinkedIn](#) | [Twitter](#) | [preti.com](#)

PretiFlaherty
45 Memorial Circle
P.O. Box 1058
Augusta, ME 04332-1058

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Larry Pritchett

From: Larry Pritchett <larrypritchett.council@gmail.com>
Sent: Monday, August 10, 2015 20:06
To: 'Stephen Betts'
Subject: RE: Energy meeting

Here is what I said.

LP

As most everyone is aware the City's Energy Committee facilitated a public forum on May 26th in which Evan Coleman from EMI presented an overview of a possible combined heat and power plant in Rockland and at which the Community asks a range of energy and environmental questions.

As a follow up to that forum, the City's Energy Committee along with the City's Community and Economic Development Department are co-sponsoring a public forum on Wednesday evening August 19th at 6:30 PM here in Council Chambers.

The people who will be presenting information and available to answer community questions include:

Tim Schneider:

Tim is Maine's Public Advocate. It is the responsibility of Tim and his staff to represent consumers' interest in utility cases before Maine's Public Utilities Commission.

Tim can speak to questions about how his office reviews the ratepayer implications of a project the goes before the PUC and how the PUC has traditionally determined whether a contract with a facility to supply power can produce electricity at a rate that is in consumer's best interest.

Tim can also speak to how natural gas influences electricity prices in Maine and under what scenarios and in what areas addition local generation might be warranted.

Greg Cunningham:

Greg is the director of the Conservation Law Foundation's Clean Energy and Climate Change program. Greg is based in Maine, but CLF works throughout New England, so Greg will bring a regional perspective to the questions.

CLF has a long history of advocating for steps that eliminate mercury emissions into the air from power plants that contaminate fish in Maine's lakes. CLF has long pushed for limits in air emission regulations that reduce sulfur and nitrogen released into the air that contribute to acid rain along Maine's coast. CLF has worked on many projects to reduce air emissions that contribute to asthma and other health problems.

Greg will speak to what the environmental permitting process likely would be for a combined heat and power plant located in Rockland and how any potential air emissions would be reviewed. In its efforts to reduce air pollution and address climate change challenges, CLF has in some cases supported new natural gases projects and in other cases opposed natural gas projects. In a complex energy world, CLF can explain how they, as an environmental organization weigh the merits and limitations of natural gas.

Tony Buxton:

Tony is the chair of Preti Flaherty's Energy and Utilities practice. Few people are better versed in Maine's utility laws and utility regulation and few are better versed in energy markets than Tony. Tony has been involved with a range of energy projects including renewable energy projects and grid expansion alternative projects.

Part of what makes Rockland, Rockland is that specialty manufacturing still thrives and is growing here. FMC, Fisher Plow, Lonza, Bixby&Co. It is these types of employers that Tony's experience makes him particularly well suited to speak to how various energy sources impact the costs for business like these.

Again the forum is 6:30 PM on Wednesday evening August 19th here at City Hall. The goal is to provide the community with the energy, environmental and regulatory context in which a Combined heat and power plant and a district energy system is being proposed. The goal is to give the community an opportunity to hear from and ask questions of folk with years of experience.

Equally divided between comments from presenters and questions. Start with questions recorded at the 5/26 forum

From: Stephen Betts [<mailto:sbetts@bangordailynews.com>]

Sent: Monday, August 10, 2015 19:25

To: Larry R. Pritchett

Subject: Energy meeting

6:30 p.m. Wednesday, Aug. 19, correct?

Larry Pritchett

From: Larry Pritchett <larrypritchett.council@gmail.com>
Sent: Tuesday, August 11, 2015 08:32
To: 'Stephen Betts'
Subject: RE: Natural gas plant

Hi Steve,

I am going to ask for an update from EMI ahead of next Wednesday in terms of where they are. At the moment I just have a lot of small fragments that would be consistent with EMI researching the project (i.e, I heard from an employee from company X that EMI met with them to discuss the companies energy use; I heard from a staff at a couple of Maine's utilities that company reps had met with them, etc.). All second hand stuff. All fragments.

Larry

From: Stephen Betts [<mailto:sbetts@bangordailynews.com>]
Sent: Tuesday, August 11, 2015 08:24
To: Larry R. Pritchett
Subject: Natural gas plant

Larry,
Has there been any discussions or correspondence between the city and Rockland Energy Center since the May forum? I wanted to check if there is any new developments.
Thanks
Steve

Amy Files

From: Amy Files <amy@wilderbydesign.com>
Sent: Tuesday, August 11, 2015 09:32
To: 350 Maine
Cc: Sarah Lachance; Larry Pritchett
Subject: AUGUST 19 -- Power plant forum?

Hi there,

A new development — I haven't been able to confirm but apparently at last night's council meeting it was announced we'd have a power plant "forum" on August 19th...

When they voted to move forward with this project (back in May) we were promised multiple workshops — but all we have had was one additional presentation from the power plant rep... and then all went quiet — word was that maybe the plan was dead... it's very frustrating to find out about this meeting with barely a week's notice — it's not even on the city's calendar yet so I can't share it on social media.

In any case — my focus next Mon/Tue (I'm out this weekend) will be to get the word out about this - mainly canvassing neighborhoods... any help with social media shares, much appreciated.

I am not sure who the speakers are yet — our fear is that Council is stacking them with natural gas-friendly speakers — I don't supposed that one of you could reach out to Larry Pritchett <larrypritchett.council@gmail.com> 207-594-8806 and ask if a 350 rep could come on board as a speaker? If you are up for this — you won't want to mention my name. The folks who are speaking — 3 I've heard — again, not confirmed — they are supposed to represent environmental interests but it sounds like they are all relatively conservative: Tim Snider.....Greg Cunningham (CLF).....Tony Buxton (utility law)

Amy

On Aug 10, 2015, at 3:31 PM, Amy Files <amy@wilderbydesign.com> wrote:

Hi there,

Sorry to take so long to respond.

I would love to connect with you if you'll be in the area — I am feeling a little unsure now about the interest from others — could use some advice on how to build momentum as the initial post I'd put out about starting a group in the area didn't get any feedback — and I'd thought that there would be some general excitement...

I'm also focusing on Renew Rockland and was hoping to be able to help 350.org start up here but also hoping other interested folks would help take the reigns.

I'd be interested to hear what Lew and Aimee think...

Thanks,

Amy

On Aug 6, 2015, at 11:05 AM, 350 Maine <info@350maine.org> wrote:

Checking back - with a new development: Sarah and I are trying to coordinate a meeting with a national 350.org individual who will be in the Portland area on Tuesday...hoping that we connect with her on Tuesday early, allowing for us to still make the trip to Rockland for the evening.

We should know more about those realities by later today - but, in addition to being hopeful of making the Tuesday night event, we remain available to considering connecting with people at some point that evening - or on Wednesday.

Let us know what your realities and wishes are Amy...again, we can check in with Lew and Aimee - and possibly others.

Bob k

On Mon, Aug 3, 2015 at 2:45 PM, 350 Maine <info@350maine.org> wrote:

Amy: open to how ever many/whatever process best serves YOU! - with the thought that we could either meet with just you...or put the invitation out to a number of others (including via the Message Board...if that makes sense to you) - including Lee and Aimee (our contacts from before) and your Owls Head contacts.

With the event scheduled for 6:30 p.m., we'll need to consider what's realistic in terms of time - including with regard to Sarah's work schedule. There is the option that we stay in the area overnight and have a meeting on Wednesday if we're not able to pull off a reasonable time on Tuesday.

Let's stay in dialogue around this - excited by the possibility to connect in person!

Bob k

On Mon, Aug 3, 2015 at 1:29 PM, Amy Files <amy@wilderbydesign.com> wrote:
Hi Bob,

That sounds good — I'll have to think about others who may want to attend... could put a message on the Midcoast Message board but not sure how many people you are interested in?

Amy

On Aug 3, 2015, at 1:10 PM, 350 Maine <info@350maine.org> wrote:

Hi Amy:

Sarah and I are meeting later today and will be considering the realities of heading north for next Tuesday...and definitely would like to meet with you (and others) around the solar issue and a 350 presence in Rockland. Let us know if that might work out for you...and as to whether we should reach out to others who might attend.

Thanks!

Bob k

On Sat, Aug 1, 2015 at 9:11 AM, Amy Files <amy@wilderbydesign.com> wrote:
Hi Sarah — Yes — definitely. I am also running Renew Rockland — <https://www.facebook.com/renewthemidcoast>

I had a long talk with Jen Albee yesterday about this project and issue in Maine — the big one that there's a limit on how many people can share them (the 10-meter limit and CMP owns one)... I had been in touch with Jen because as part of Renew Rockland we'd like to start solar sharing in the area. I don't know if you've heard of this company: <http://www.yeloha.com/> ? I would really like to get this started in Maine/Rockland but one of the problems is that other states have more incentives than us so make them more friendly to investors. Someone at the company made it sound like they'd be willing to discuss our using their system if we were able to come up with the financing... in any case.. yes — excited about this project! But lots of educating to be done... people still have concerns/issues even on the good projects that need to be allayed.

Maybe I'll see you at the meeting then?

Amy

On Aug 1, 2015, at 8:29 AM, 350 Maine <info@350maine.org> wrote:

This would seem to be a 350 Rockland/Midcoast supported activity: <http://bangordailynews.com/2015/07/31/business/1100-panel-solar-farm-eyed-for-rockland/>

...and maybe could relate to a field trip to Rockland! See: "A presentation regarding community solar farms by the company is scheduled for 6:30 p.m. Tuesday, Aug. 11, at the Rockland Public Library." (not sure if that will work; Sarah and I may have a South Portland meeting that night...but...).

bk

On Fri, Jul 31, 2015 at 10:40 AM, Sarah Lachance <sarah@350maine.org> wrote:
Hi Amy,

Great to hear about the folks in Owls Head.

Perhaps Bob and I can make a trip up there in the coming weeks to meet you and others. We can share more about the work we've done with the Extreme Energy andSolutions team (formerly the tar sands team)

Would you feel comfortable calling town to ask about last meeting where the proposed plant was on the agenda ? That'll at least give us some info on latest public meeting. Who knows what is happening behind closed doors!

Happy to talk by phone. Like Bob, I'm away w my family until Sunday.

Kindly

Sarah

On Friday, July 31, 2015, 350 Maine <info@350maine.org> wrote:
Thanks for the report Amy. Sounds like you've got an instant 350 group in Rockland! :)

Let's connect next week...

bk

On Thu, Jul 30, 2015 at 1:20 PM, Amy Files <amy@wilderbydesign.com> wrote:
Hi Bob,

I just got back from the rally — it was attended by about 30 or so people (? - not sure about the count). A couple of papers were there for press, I am not sure about who else. I ran into some 350 folks on Owls Head who would be interested in a local group.

If you have specific questions about the rally let me know — was relatively quick — NRCM, Environment Maine and one more spoke, along with a lobster rep.

Amy

On Jul 30, 2015, at 12:05 PM, 350 Maine <info@350maine.org> wrote:

Amy - and Sarah:

sorry I haven't been able to respond until now; I'm visiting family in MD and should be able to engage further when back in town next week.

Interested to hear of the experience if you attended the rally...

bk

On Mon, Jul 27, 2015 at 10:22 AM, Amy Files <amy@wilderbydesign.com> wrote:
Hi Sarah,

Sorry to take so long to get back to you — I was away for two weeks and still catching up on emails.

I haven't reconnected yet with Bob but would like to chat more. I haven't heard a peep about the power plant proposal here since I left — I'm hoping that may be because they've decided not to pursue it but am having a hard time finding answers.

It would be great to connect when you have a moment - my number: [207.542.4858](tel:207.542.4858)

I am one of the organizers of Renew Rockland — <https://www.facebook.com/renewthemidcoast> — if I attend the NRCM gathering it will be as a Renew rep...

Amy

On Jul 14, 2015, at 12:12 PM, Sarah Lachance <sarah@350maine.org> wrote:

Hi Amy,

Wonderful to hear about your interest in starting a 350 group in Rockland! It certainly would be great timing given the infrastructure proposal in your backyard.

As Bob previously mentioned, I co-convene the 350 Maine Extreme Energy and Solutions Team (formerly the Tar Sands Team). Naturally, you are most welcome to join that group as well. And, we are very happy to bring in members of the group to support your efforts in Rockland around the power plant.

Our team was very active in the work to stop the reversal of the Portland Montreal Pipeline which ultimately prevented tar sands from following through Maine, NH, and Vermont. We would be happy to share our lessons learned there, including how to run a door to door campaign to educate folks about the risks to their community.

Looks like you and Bob will be talking, perhaps even face to face, soon!

Let's chat more when we can.

Kindly

Sarah

On Mon, Jul 13, 2015 at 7:30 AM, 350 Maine <info@350maine.org> wrote:

Amy:

Checking back to share that I might be heading up to Bar Harbor to visit family....and would certainly consider a visit with you on the way up or back.

I'm trying to coordinate with my cell-coverage-challenged sister....but the tentative thought was to go up Wednesday, stay the night, and return on Thursday.

Not sure how that might work for you...happy to consider options.

Bob k

On Sun, Jul 12, 2015 at 6:18 AM, 350 Maine <info@350maine.org> wrote:

Hey Amy: thanks for checking back...

Understood regarding time sync; as per Morpheus in The Matrix: "Time is always against us" (though as per others - it's a myth and a trap and not honoring the one key truth: the moment!)*

Bottom line: we have "time" to figure it all out! :)

and

I don't mean to take TOO much time on your Sunday with this dialogue...but here's some thoughts to share:

So...I don't think that the NRCM rally (something we just found out about primarily as a request that we spread the word to our supporters and seems to come out of their "grassroots" marketing approach) has anything to do with nat gas and though I appreciate your concern/caution, I don't think they would dial back their plans for the event. However, there certainly could be value in expressing your specific concerns to NRCM. And good points relative to an initial, somewhat automatic "sure, we can spread the word" response.**

I would need NRCM to speak to their position on nat gas (which seems a little less than fully clear) - though, in some of our limited coalition discussions, seems to be "less clear" primarily based on their capacity

issues and particular focus on legislative issues, with special attention to solutions (especially solar).

I think it's fair to say that our 350 Maine "position" (most formally identified in the intent of our Extreme Energy and Solutions Team/EEAST) is one of **"natural gas (a particularly concerning form of extreme energy) is neither cheap nor clean...and is a bridge to nowhere..."**. There is DEFINITELY shared dialogue (with a very strong desire for further engagement - the basis for our interest/excitement regarding engaging in Rockland) with grassroots partners across the northeast...with continued exploration of shared attention to the issue with our environmental coalition partners.

All of these considerations are valuable in the context of "organize a 350 Rockland/MidCoast" discussions...including regarding local, statewide, coalition and regional "strategic" (including relationship/diplomacy) considerations. This often can feel akin to playing three dimensional chess - in zero gravity! - and, for some of our grassroots supporters, such dialogue has been frustrating in light of understandable feelings of urgency. But I think it's fair to suggest that our 350 Maine development experience has reinforced the value of a thoughtful though nimble approach to such things - while maintaining our individual personal AND an independent local group AND a "350 Maine" organizational voice (at times, quite distinct from each other - which actually provides for a good deal of latitude...though potential greater complexity).

That's some thoughts for the moment
AND

I want to let you know that, via our 350 Maine Spokes Council of Friday the group is VERY excited about the potential for a Rockland/Midcoast group and DEFINITELY wants to support you in whatever ways possible.

The agreement was that you and I would talk further to determine the best way to move a supportive process forward.

Looking forward to talking more directly...soon!

Bob k

* okay, there's my obnoxious pseudo-spirituality reference for a Sunday AM! :)

** these considerations are very much part of where I see the strength of the unified part of the 350 Maine family: consultation with each other to sort through the nuances and strategic considerations of both

seemingly simple AND complex issues. Acknowledging the power and importance of autonomous regional "nodes" (i.e., Rockland/Midcoast***), I find us to truly be stronger than the sum of our parts - especially when in effective conversation about issues; i.e., "350 Maine" support for an event/entity could make sense...until the next part of the conversation when it suddenly becomes clear that there's a conflict/concern. Important (and at times, quite "fun") stuff!

*** though I support the self-naming power of individual nodes, I also argue for some additional dialogue here - given somewhat arbitrary distinctions of geographic location/group names. There's a longer discussion (we've had over time) there...

bk

On Fri, Jul 10, 2015 at 4:19 PM, Amy Files <amy@wilderbydesign.com> wrote:
Hi Bob,

Sorry to not sync up with our schedules — the workshops I am running break tomorrow around noon and then we set up again for week two Sunday morning... but I have intermittent available time in between scheduled sessions — next week I'll have most breaks in the afternoon, 3 to 6 or so.

The 7/30 event was on my radar but I didn't realize that NRCM was running it — I had heard that NRCM hasn't come out against Nat Gas — do you know anything about this?

If they come to Rockland to rally for Climate Change — it could be damaging to the effort that local residents are waging against the plant if an environmental group shows up and is not coming out against the proposal — or worse, is in favor of it. It seems there are still a handful of environmental groups that think Nat Gas is "clean" — the "bridge to renewables".

Any info/advice on that much appreciated.

Thank you,

Amy

On Jul 10, 2015, at 12:14 PM, 350 Maine <info@350maine.org> wrote:

Amy: good to chat with you...happy to do so over time.

I'm heading to the 350 New England Convergence Planning Meeting at 4 p.m. today and could have some time to talk further prior to that...and can certainly be available next week.

I am cc'ing Sarah Lachance here...she and I convene the "Extreme Energy and Solutions Team" (EEAST; formerly the Tar Sands Team). As I

mentioned, we are very interested in the developments with the nat gas plant in Rockland - and other extreme energy issues across the state. Having individuals local to the issue is always best!

Also, this just came across my email from Todd Martin of NRCM; I'll be reviewing it with the 350 Maine Spokes Council today...with plans to spread the word. Could be a first effort for you as a representative of "350 MidCoast"!

[Climate Change Rally in Rockland on 7/30](#)

Let's talk soon.

Bob k

On Wed, Jul 8, 2015 at 9:20 PM, 350 Maine <info@350maine.org> wrote:
Amy: apologies for the delay in contacting you; I've been sick for the last week...so, just playing catch up.

Your timing is right on time given a number of Rockland related considerations of late; a number of us have been hoping that we might engage some players in the Rockland area.

I'd suggest chatting ASAP; I would have some time tomorrow (350 Maine Spokes Council conference call at 1 pm; 350 Greater Portland meeting 6:30-8:30) and Friday (conference call at 4 and heading to a 350 New England weekend event) if you want to give a call...

Happy to consider all of this further.

Bob Klotz
[207.317.1692](tel:207.317.1692)

On Wed, Jul 1, 2015 at 1:52 PM, Amy Files <amy@wilderbydesign.com> wrote:
Hi there,

I know there are some 350 folks up in Belfast — but when I look at the Maine website don't see the midcoast listed.

I live in Rockland and am interested in starting a 350 here — and/or make it more of a midcoast group.

Can someone get in touch with me
about this? And or send me some
contact info?

Thank you!

Amy Files

wilderbydesign.com [207.200.5151](tel:207.200.5151) facebook.com/wilderbydesign

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Bob Klotz
Team 350 Maine
[207 317 1692](tel:207.317.1692)
350maine@gmail.com
www.350maine.org
www.facebook.com/350Maine
www.twitter.com/350maine

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www.facebook.com/350Maine
www.twitter.com/350maine

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www.facebook.com/350Maine
www.twitter.com/350maine

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Bob Klotz
Team 350 Maine
[207 317 1692](tel:207.317.1692)
350maine@gmail.com
www.350maine.org
www.facebook.com/350Maine
www.twitter.com/350maine

Dan Dunkle

From: Dan Dunkle <ddunkle@courierpublicationsllc.com>
Sent: Tuesday, August 11, 2015 10:50
To: Larry Pritchett
Subject: RE: power plant forum

Thanks Larry

Daniel Dunkle
News Director
The Courier-Gazette, Camden Herald and Republican Journal
594-4401 ext. 122

From: Larry Pritchett [larrypritchett.council@gmail.com]
Sent: Tuesday, August 11, 2015 10:35 AM
To: Dan Dunkle
Subject: RE: power plant forum

Hi Dan,

Full press release with details will be out within the hour.

Larry

-----Original Message-----

From: Dan Dunkle [<mailto:ddunkle@courierpublicationsllc.com>]
Sent: Tuesday, August 11, 2015 09:20
To: larrypritchett.council@gmail.com
Subject: power plant forum

Hi Larry,

I missed last night's meeting. I understand you announced the date and time of the next power plant forum. Can you let me know that info and can you let me know who will be speakers at that meeting? Thanks

Daniel Dunkle
News Director
The Courier-Gazette, Camden Herald and Republican Journal
594-4401 ext. 122

Larry Pritchett

From: Larry Pritchett <larrypritchett.council@gmail.com>
Sent: Tuesday, August 11, 2015 10:55
To: 'Audra Bell'
Subject: DRAFT
Attachments: 2015_08.19_Rockland_Energy_Community_Development_Forum_Press.docx

See attached. First and second page only. Later pages are just notes from various discussions. Need info by 1130 to get to Courier.

Larry



City Of Rockland

August 11th, 2015

To: **Midcoast Media**
Courier Publications, VsTV
Free Press, PenBay Pilot, WSCH 6

DRAFT
1045 Hrs

Re: **Combined Heat & Power, Natural Gas**
Would This Benefit Rockland?
6:30 PM Wednesday August 19th
Council Chambers At Rockland City Hall

In an era when the goal is to reduce carbon emissions released into the air, how does a community weigh the merits of a new natural gas fired combined heat and power plant? In a community like Rockland where specialty manufacturing is key to the strength of the year round economy, how critical is natural gas to the viability and competitive position of these businesses for the next 30 to 50 years? On Wednesday evening August 19th the City of Rockland's Energy Committee and the City's Department of Community and Economic Development are cosponsoring a public forum to explore these and other critical community energy questions.

In March of this year Energy Management, Inc approached the City to explore the concept of constructing a combined heat and power (CHP) plant in Rockland. Modern high efficiency CHP facilities can be low emissions sources of cost effective energy because most of the exhaust heat from burning fuel to produce electricity is then recovered as hot water or steam which can be distributed to local businesses for heating, cooling or manufacturing purposes.

New York University in Manhattan, the Longwood Medical Area in Boston among many locations in the U.S. and as well as the majority of cities in some European countries like Denmark utilize CHP facilities to supply power to local district energy system (i.e., a local area to which heat, electricity and chilled water produced at the CHP facility is distributed to businesses and homes) to meet low climate change emissions goals and to provide more resilient sources of locally generated power.

For example, during Hurricane Sandy the CHP/District Energy system at New York University kept the lights on and virtually all aspects of the University functional when all of lower Manhattan around the University's campus was dark for days. NYU's then new natural gas fired CHP facility had been built to meet the University's 2030 Carbon Emissions reduction goals.

However, in an era of climate change and rising sea level new facilities that utilize fossil fuels, even lower emissions fuels like natural gas, raise serious questions. Would a local CHP facility replace enough existing sources of air emissions in Rockland so that the amount of pollutants, including carbon dioxide, discharged locally decline? Would the energy produced be readily available, reliable and cost effective for local businesses?

In late May, the City's Energy Committee facilitated a public forum in which Evan Coleman from EMI presented an overview of a possible combined heat and power plant in Rockland and at which the Community asked a range of energy and environmental questions. In response to the

questions raised at the May forum, the Energy Committee and City staff is organizing a follow up forum on August 19th with several individuals with decades of related experience. The City's goal with the August 19th event is to provide the community with an opportunity to explore the energy, environmental and regulatory context in which a CHP plant and a district energy system is being proposed. The following people will be presenting and answering questions.

Tim Schneider:

Tim is Maine's Public Advocate. It is the responsibility of Tim and his staff to represent consumers' interest in utility cases before Maine's Public Utilities Commission. Tim can speak to questions about how his office reviews the ratepayer implications of a project that goes before the PUC and how the PUC has traditionally determined whether a contract with a facility to supply power can produce electricity at a rate that is in consumer's best interest. Tim can also speak to how natural gas influences electricity prices in Maine and under what scenarios as well as in what areas of the state due to grid constraints addition local generation might be warranted.

Greg Cunningham:

Greg is the director of the Conservation Law Foundation's Clean Energy and Climate Change program. Greg is based in Maine, but CLF works throughout New England. Thus, Greg brings a regional perspective to the questions. CLF has a long history of advocating for cleaner energy sources that eliminate mercury air emissions that contaminate Maine's lakes, that reduce pollutants that contribute to acid rain along the coast; and that reduce air emissions that contribute to asthma and other health problems.

Greg will talk about the environmental permitting process for a combined heat and power plant and how any potential air emissions would be reviewed. Also, in its efforts to reduce air pollution and address climate change, CLF has in some cases supported natural gas projects and in other cases opposed natural gas projects. In a complex energy world, CLF can explain how, as an environmental organization, they weigh the merits and limitations of natural gas.

Tony Buxton:

Tony is the chair of Preti Flaherty's Energy and Utilities practice. Few people are better versed in Maine's utility laws and utility regulation and few are better versed in energy markets than Tony. Tony has been involved with a range of energy projects including renewable energy projects and grid expansion alternative projects.

Both Tony and Tim can explain the role natural gas currently plays, and could play, in providing energy for electricity, for heat, and for manufacturing in Maine. Part of what makes Rockland, Rockland is that specialty manufacturing still thrives and is growing here - - FMC, Fisher Plow, Lonza, Bixby&Co, etc. Tony' will discuss how various energy sources impact the costs for and competitive position of business like these.

Energy is an important, complex and challenging community question. The Energy Committee, City Staff and members of Council invite all residents to participate in the August 19th forum.

Press Contact:

Larry R. Pritchett, Chair City of Rockland Energy Committee. (207) 594-8806

Audra Caller-Bell, City of Rockland Community Development Director. (207) 594-0306

MOVE THESE QUESTIONS UNDER SPEAKERS?

What role does natural gas play in providing energy for electricity, for heat, for manufacturing in Maine? How does energy cost and the availability of natural gas impact specialty manufacturing in Maine and in Rockland? Is expanding natural gas and expanding renewable energy sources in conflict with each other? Or are renewables and natural gas both tools to meet climate and air quality goals?

How does the PUC typically evaluate the potential environmental and cost benefits of long term contracts to supply electricity? What are the key potential local impacts of a chp facility like this to which residents and the city should pay close attention? What should the city do to help insure significant benefits of a chp project like this remain in the city? What steps is the state taking (& should the state take) to insure methane losses from natural gas transmission & distribution lines are low?

The goal is to give the community an opportunity to hear from and ask questions of folk with years of experience in these areas..

Be clear what each panelist is going to speak to:

Tim: Statewide context for natural gas for rate payers? Is new generation capacity need? On what scale is the need? Local grid constraints? PUC review process? Public opportunity for comment? How does the PUC review the value of term contracts?

Tony: Background on omnibus energy bill? How Does Energy Cost And The Availability Of Natural Gas Impact Specialty Manufacturing In Maine?

Greg Cunningham: DEP/EPA permitting? Comparable scenario? Better reference than Rumford? What is this replacing? How does one weigh natural gas?

Questions: 10-15 each speaker /15 minutes questions between each speaker

~~As most everyone is aware the City's Energy Committee facilitated a public forum on May 26th in which Evan Coleman from EMI presented an overview of a possible combined heat and power plant in Rockland and at which the Community asks a range of energy and environmental questions.~~

As a follow up to that forum, the City's Energy Committee along with the City's Community and Economic Development Department are co-sponsoring a public forum on Wednesday evening August 18th at 6:30 PM here in Council Chambers.

The people who will be presenting information and available to answer community questions include:

Tim Schneider:

Tim is Maine's Public Advocate. It is the responsibility of Tim and his staff to represent consumers' interest in utility cases before Maine's Public Utilities Commission.

Tim can speak to questions about how his office reviews the ratepayer implications of a project the goes before the PUC and how the PUC has traditionally determined whether a contract with a facility to supply power can produce electricity at a rate that is in consumer's best interest. Tim can also speak to how natural gas influences electricity prices in Maine and under what scenarios and in what areas addition local generation might be warranted.

Greg Cunningham:

Greg is the director of the Conservation Law Foundation's Clean Energy and Climate Change program. Greg is based in Maine, but CLF works throughout New England, so Greg will bring a regional perspective to the questions.

CLF has a long history of advocating for steps that eliminate mercury emissions into the air from power plants that contaminate fish in Maine's lakes. CLF has long pushed for limits in air emission regulations that reduce sulfur and nitrogen released into the air that contribute to acid rain along Maine's coast. CLF has worked on many projects to reduce air emissions that contribute to asthma and other health problems.

Greg will speak to what the environmental permitting process likely would be for a combined heat and power plant located in Rockland and how any potential air emissions would be reviewed. In its efforts to reduce air pollution and address climate change challenges , CLF has in some cases supported new natural gases projects and in other cases opposed natural gas projects. In a complex energy world, CLF can explain how they, as an environmental organization weigh the merits and limitations of natural gas.

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Tony has been involved with a range of energy projects including renewable energy projects and grid expansion alternative projects.

Part of what makes Rockland, Rockland is that specialty manufacturing still thrives and is growing here. FMC, Fisher Plow, Lonza, Bixby&Co. It is these types of employers that Tony's experience makes him particularly well suited to speak to how various energy sources impact the costs for business like these.

Again the forum is 6:30 PM on Wednesday evening August 19th here at City Hall. The goal is to provide the community with the energy, environmental and regulatory context in which a Combined heat and power plant and a district energy system is being proposed. The goal is to give the community an opportunity to hear from and ask questions of folk with years of experience.

Equally divided between comments from presenters and questions. Start with questions recorded at the 5/26 forum



City of Rockland

Phone: (207) 594-8806

LarryPritchett.Council@GMail.Com

Frank Isganitis

From: Frank Isganitis <frankisganitis@gmail.com>
Sent: Tuesday, August 11, 2015 12:49
To: Larry Pritchett
Subject: Re: FW: Rockland > Community Forum > August 19th > 6:30 PM

Thanks Larry.

On Tue, Aug 11, 2015 at 11:55 AM, Larry Pritchett <larrypritchett.council@gmail.com> wrote:

Hi All,

This went to the press a few minutes ago. Please feel free to direct any press/community questions to Audra or I.

Larry

From: Larry Pritchett [mailto:larrypritchett.council@gmail.com]
Sent: Tuesday, August 11, 2015 11:49
To: 'Larry Pritchett'; 'Audra Bell'
Cc: Dan Dunkle ; 'Juliette Laaka'; 'Stephen Betts'; 'Alan Hinsey'; Don Carrigan ; 'Lynda Clancy'; news@penbaypilot.com; 'Andy O'Brien'; publisher@freepressonline.com; 'Abby Norman'
Subject: Rockland > Community Forum > August 19th > 6:30 PM

Dear All,

Rockland's Energy Committee and the City's Department of Community and Economic Developing is sponsoring a community forum "Combined Heat & Power & Natural Gas: Would This Benefit Rockland?" next Wednesday (8/19) at City Hall. Press release attached. Please contact us with any questions.

Larry R. Pritchett
Chair, City of Rockland Energy Committee
Phone: [\(207\) 594-8806](tel:(207)594-8806)

Audra Caler-Bell
Community and Economic Development Director
Phone: [\(207\) 594-0306](tel:(207)594-0306)



City Of Rockland

August 11th, 2015

To: **Midcoast Media**
Courier Publications, VsTV
Free Press, PenBay Pilot, WSCH 6

Re: Combined Heat & Power, Natural Gas
Would This Benefit Rockland?
6:30 PM Wednesday August 19th
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In an era when the goal is to reduce carbon emissions released into the air, how does a community weigh the merits of a new natural gas fired combined heat and power plant? In a community like Rockland where specialty manufacturing is key to the strength of the year round economy, how critical is natural gas to the viability and competitive position of these businesses for the next 30 to 50 years? On Wednesday evening August 19th the City of Rockland's Energy Committee and the City's Department of Community and Economic Development are cosponsoring a public forum to explore these and other critical community energy questions.

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Press Contact:

Larry R. Pritchett, Chair City of Rockland Energy Committee. (207) 594-8806

Audra Caller-Bell, City of Rockland Community Development Director. (207) 594-0306

Amy Files

From: Amy Files <amy@wilderbydesign.com>
Sent: Tuesday, August 11, 2015 13:16
To: Larry Pritchett
Cc: Nathan Davis; Adam Ackor
Subject: Re: Wed 19th Meeting?

Hi Larry ,

Thank you for providing the press release... I wish that there at least one representative from a true environmental advocate to balance out this discussion as two of the speakers are heavy on the utility side and CLF is one of the more conservative reps you could find.

In any case — I will pass along the info through my social media outlets — will Evan Coleman be present?

Amy

On Aug 11, 2015, at 12:38 PM, Larry Pritchett <larrypritchett.council@gmail.com> wrote:

Hi Amy,

I would have loved to have nailed this down further out. The two dates next week (as well as others) have been on my calendar for several weeks as possible dates. Working from as many as twenty suggested possible participants, there were many dates when only two people were available.

A college professor was going on sabbatical. An engineer was primarily working out of state. An environmental advocate was taking his first vacation longer than a week in over fifteen years. A suggested college professor and climate change advocate indicate their specialty was emission trading and not the topics here, etc.

Just so you know I plan to use most of the tools I have (my campaign email list, social media, phone calls to folk who have approached me, etc.) to get info out as soon as practical to a broad spectrum of the community. Press release is attached. Format is still being tweak to maximize discussion aspect.

Larry
594-8806

From: Amy Files [<mailto:amy@wilderbydesign.com>]
Sent: Tuesday, August 11, 2015 12:17
To: Larry Pritchett

Cc: Nathan Davis; Adam Ackor
Subject: Re: Wed 19th Meeting?

Hi Larry,

I wasn't able to attend the last forum and so hope there will be opportunity to bring new questions to the table as we haven't had many opportunities.

In regards to the date — if it's not on the city's calendar and there's no formal announcement in the press — people aren't going to know about it.

It's very frustrating that this is only being announced a week out... people will not have time to plan and a lot won't even hear about it until after it has happened. We will do our best to get the word out but it's tough with such short notice.

Amy

On Aug 11, 2015, at 12:07 PM, Larry Pritchett
<larrypritchett.council@gmail.com> wrote:

Hi Amy,

At Council's 8/3 meeting I stated that the next forum would be either 8/18 or 8/19. And talked a little about the forum. Ron Huber was there and I (apparently erroneously) assumed that info would get back to you and others. As I indicated on 8/3, the City was waiting for some folk to return from vacation to make final confirmation before announcing.

I'll send you the press release in a few minutes. The forum will be a mixture (roughly 50/50) presentation and discussion/questions. Keep in mind the "presentation" aspects of the forum are going to be driven by the questions identified at the May 26th forum. So, in essence, the entire forum will be structured around community questions.

Larry

From: Amy Files [<mailto:amy@wilderbydesign.com>]
Sent: Tuesday, August 11, 2015 08:38
To: Larry Pritchett
Cc: Nathan Davis; Adam Ackor
Subject: Wed 19th Meeting?

Hi Larry,

I just heard that there will be another meeting regarding the power plant on Wednesday the 19th. Is this true?

If it is, I would like to express my dismay and frustration that again we are scheduling a very important meeting with little to no notice for residents.

I would hope at a minimum that we'd give residents a minimum of 2 week's notice; ideally more.

If this meeting is in fact happening could you please send me an outline of the meeting information — including who speakers will be — and what the format will be.

Thank you,

Amy

542-4858

wilderbydesign.com 207.200.5151 facebook.com/wilderbydesign

wilderbydesign.com 207.200.5151 facebook.com/wilderbydesign

<2015_08.19_Rockland_Energy_Community_Development_Forum_Press_Final.pdf>

wilderbydesign.com 207.200.5151 facebook.com/wilderbydesign

Sandy Billington

From: Sandy Billington <sbillington@ci.rockland.me.us>
Sent: Tuesday, August 11, 2015 14:58
To: 'Larry Pritchett'
Subject: RE: Rockland > Community Forum > August 19th > 6:30 PM

All up! On the calendar and in the news and headlines section.

Have not received the green light yet on the slide show from the last meeting but as soon as I do, it'll go up as well.

Thanks!

Sandy

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Tuesday, August 11, 2015 12:10 PM
To: Sandy Billington
Cc: 'Audra Bell'
Subject: FW: Rockland > Community Forum > August 19th > 6:30 PM

Sandy,

Could you get this up on the City web site?

Larry

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Tuesday, August 11, 2015 11:49
To: 'Larry Pritchett'; 'Audra Bell'
Cc: Dan Dunkle ; 'Juliette Laaka'; 'Stephen Betts'; 'Alan Hinsey'; Don Carrigan ; 'Lynda Clancy'; news@penbaypilot.com; 'Andy O'Brien'; publisher@freepressonline.com; 'Abby Norman'
Subject: Rockland > Community Forum > August 19th > 6:30 PM

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Larry R. Pritchett
Chair, City of Rockland Energy Committee
Phone: (207) 594-8806

Audra Caler-Bell
Community and Economic Development Director
Phone: (207) 594-0306

Jim Chaousis

From: Jim Chaousis <jchaousis@ci.rockland.me.us>
Sent: Wednesday, August 12, 2015 15:22
To: 'Susan Ware Page'; 'Larry Pritchett'; 'Frank Isganitis'
Cc: 'Audra Bell'; louisemaclellanruf@gmail.com; valli.citycouncil@gmail.com; williamclayton79@gmail.com; 'Charlie Page'; 'John Ware'
Subject: RE: Energy Forum

Mrs. Page,

I will attempt to answer your questions.

Will anyone be able to ask questions/make comments at this public forum? What is the time allotment?

The structure of the forum will be dependent on the Energy Committee. Based on the knowledge level of the speakers, I would expect some unfettered speaking with some public interaction. I'm sure time will depend on the number of public speakers present. This is not a legislative/regulatory hearing but an educational forum.

Who are the members on the energy advisory committee?

ENERGY ADVISORY COMMITTEE 7 MEMBERS 3-YEAR TERM

William Pearce	39 Mountain View Ext	594-8413	2016
Suzanne MacDonald	54 Pacific Street	Not Listed	2015
Anthony Coyne	41 Highland Street	Not Listed	2015
Larry Pritchett	39 Brewster St (POB 126)	594-8806	2017
Deborah Donnelly	188 Bog Road	594-9442	2017
Brooks Winner	7 Granite St. Apt. 1	358-0219	2016
Vacant			2016

The Mayor and City Manager (or designees) shall be ex-officio, non-voting members of the committee

Is there a date set for the vote to go to referendum? If not, when is it expected?

The referendum is dependent on a purchase and sale of the City land. That is not completed or even close. It is nearly impossible to predict when, or if, there will be a referendum.

Any resolution on where to place City Hall/Public Works and have you nailed down plans & costs that Rockland Energy says they'll pay for?

That is an important part of the negotiation that is nowhere near completion.

Has any city official done an analysis study (I suggested this to you Frank) as to the negative economic impact in our communities as well as the potential positive? I think it's important to look at everything.

These studies would be paid for by the developer based on zoning conditions or negotiated terms. As I stated before, we are not close to that stage.

I hope my answers are helpful. Thank you.

James D Chaousis II, City Manager
City of Rockland
270 Pleasant Street
Rockland, ME 04841
Phone (207)593-0636

www.ci.rockland.me.us
jchaousis@ci.rockland.me.us

From: Susan Ware Page [mailto:SusanW@maritimeenergy.com]
Sent: Tuesday, August 11, 2015 3:45 PM
To: 'Larry Pritchett' <larrypritchett.council@gmail.com>; 'Frank Isganitis' <frankisganitis@gmail.com>; jchaousis@ci.rockland.me.us
Cc: 'Audra Bell' <abell@ci.rockland.me.us>; louisemaclellanruf@gmail.com; valli.citycouncil@gmail.com; williamclayton79@gmail.com; Charlie Page <charliep@maritimeenergy.com>; John Ware <JohnW@maritimeenergy.com>
Subject: RE: Energy Forum

Larry & Frank,

Thank you for sending along the information. Please see my questions below highlighted in yellow that I'm requesting answers to.

Our childcare is closed next week for summer vacation and Wednesday is we had plans to be out of town with the kids. I have now cancelled our hotel reservations, so I can be in attendance at this forum. I wish we were all given more notice.

Can you let me know about the questions highlighted in yellow?

Thanks,
Susan

From: Larry Pritchett [mailto:larrypritchett.council@gmail.com]
Sent: Tuesday, August 11, 2015 1:20 PM
To: Susan Ware Page; 'Frank Isganitis'; jchaousis@ci.rockland.me.us
Cc: 'Audra Bell'; louisemaclellanruf@gmail.com; valli.citycouncil@gmail.com; williamclayton79@gmail.com; Charlie Page; John Ware
Subject: RE: Energy Forum

Hi Susan,

Press release is attached. I have a meeting at 1:30, so I'll answer the simplest question below. I chair the City's Energy Committee and the Committee for years has been focused on energy efficiency and building envelope projects in City government and sharing what the City learns with owners of commercial and historic buildings.

The Energy Committee members are Brooks Winner (who is the Community Energy Associate at the Island Institute), Deb Donnelly (whose husband is a master electrician who works on a range of commercial scale solar projects primarily out of state); Bill Pearce (who was a founding member of the Committee and a member of the Sierra Club's Executive Committee at the time); and Tony Coyne (who was a home energy auditor and installer before retiring).

Suzanne MacDonald who directs the Island Institute's Community Energy program has served on the Committee. A lot of informal info sharing (& some cosponsoring of projects) occurs between the City and the Institute. More info soon.

Larry
594-8806

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Tuesday, August 11, 2015 11:01
To: 'Susan Ware Page'; 'Frank Isganitis'; jchaousis@ci.rockland.me.us
Cc: 'Audra Bell'; louisemaclellanruf@gmail.com; valli.citycouncil@gmail.com; williamclayton79@gmail.com;
'Charlie Page'; 'John Ware'
Subject: RE: Energy Forum

Hi Susan,

A press release with more details than in my verbal summary about the public forum at Council meeting last night will go out at lunch time. That should answer some of your questions below. Perhaps Audra as Economic Develop Director and I as Energy Committee Chair could arrange a time to with you about energy questions?

Best,
Larry
594-8806

From: Susan Ware Page [<mailto:SusanW@maritimeenergy.com>]
Sent: Tuesday, August 11, 2015 09:47
To: 'Larry Pritchett'; 'Frank Isganitis'; 'jchaousis@ci.rockland.me.us'
Cc: 'Audra Bell'; louisemaclellanruf@gmail.com; valli.citycouncil@gmail.com; williamclayton79@gmail.com;
Charlie Page; John Ware
Subject: Energy Forum

Hello,

I read last night on BDN that there will be an energy public forum next week. I was not aware of this.

Will anyone be able to ask questions/make comments at this public forum? What is the time allotment?

Who are the members on the energy advisory committee?

Is there a date set for the vote to go to referendum? If not, when is it expected?

Any resolution on where to place City Hall/Public Works and have you nailed down plans & costs that Rockland Energy says they'll pay for?

Has any city official done an analysis study (I suggested this to you Frank) as to the negative economic impact in our communities as well as the potential positive? I think it's important to look at everything.

Larry, Frank, Jim...I'm not sure who is best to answer my questions, so I've copied Audra and the respective Councilors.

Look forward to your response. Please put in writing, so I have for the record.

Thank you,
Susan

The city of Rockland's energy advisory committee and the city's community and economic development committee will be hosting a public forum next Wednesday evening (6:30 p.m. Aug. 19) at city hall related to the proposed natural gas-fired power plant. Speakers will be Tim Schneider, the state's public advocate; Greg Cunningham, vice president and director of Clean Energy and Climate Change program; and Anthony Buxton who is the chair of the Pretu Flaherty law firm's energy and utilities practice group. The public is invited to come and listen to the presentations and ask questions.

Larry Pritchett

To: Mayor; City Council
Cc: City Manager; Community Development Director
Subject: Combined Heat & Power (CHP) > District Energy > Memo > Council

Dear All,

Over the last few weeks I, and other members of the Energy Committee, have been reviewing a variety of material on CHP facilities (i.e., combined heat and power or cogeneration), district energy systems that distribute power (steam, hot water, etc.) to commercial and residential buildings along with municipal climate action plans.

As an overview I am passing along the following summary and related links to Council so all members have some general background information on this topic and so each of member Council can develop their own questions (note the text of this email is also in the attached PDF).

COMBINED HEAT AND POWER/COGENERATION OVERVIEW (Done??)

In the materials Energy Committee folk have seen, the base component of common CHP facilities is a pair of fuel powered electrical generation turbines (Two 5.5 megawatt gas turbines in the **NYU example referenced below** and illustrated here: <http://www.nyu.edu/sustainability/pdf/NYUCogen.pdf>).

The next step in CHP systems that utilize fuel to power, as to oppose to steam to power, electrical generation turbines is a heat recovery steam generator (HRSG) that produces steam from the heat in the turbines' exhaust.

This steam can be used in two ways (and the two options frequently are combined) depending on the balance of the local need for electricity vs the need for thermal energy from the CHP facility. If the electrical demand is higher, the steam generated by the heat in the exhaust gas can be used to power a smaller electrical turbine.

A steam turbine powered from exhaust heat produced by the base component gas powered electrical generation turbines is often roughly 20% to 30% of the size of the primary fuel fired turbines (i.e., in the NYU example the combined capacity of the gas turbines is 11 megawatts and the capacity of the steam turbine is 2.4 megawatts).

Regardless of whether the CHP facility has a single stage or two stages of electricity generation, the final stage is distributing the residual thermal energy for specialty manufacturing uses, for facility heating, for heating domestic hot water, for refrigeration, and/or for building cooling.

The energy, cost, and environmental benefit of CHP is the same energy (i.e., from burning the primary fuel) is utilized 2 or 3 times. For more on CHP see Sections 1 (Intro), 3 (Combustion Turbines), & 4 (Steam Turbines) of EPA's 2015 "Catalog of CHP Technologies" (http://epa.gov/chp/documents/catalog_chptech_full.pdf).

EVALUATING CHP/COGEN (Done??)

Technical aspects to consider when evaluating a fuel fired CHP project include: efficiency of the turbines (i.e., how effective are the turbines in converting energy content of the fuel into electricity); and efficiency of the heat recovery steam generator (i.e., how effective is the HRSG at converting exhaust heat into steam).

A third key consideration is the utilization of the residual energy captured by the heat recovery steam generator. If the thermal exhaust energy is effectively converted into steam, but the steam is not efficiently utilized by users in the district energy area served, the economic and environmental value of the CHP facility diminishes.

To address these points, EPA's Office of Science and Technology calculates the efficiency of CHP/District Energy systems by comparing the energy needed to generate the electricity and the thermal energy separately vs the energy needed to generate the same amount of thermal energy and electricity together in the CHP system.

In terms of air emissions, new CHP facilities are often installed to replace 1st generation CoGen facilities (see NYU example below) or to replace existing current separate systems (i.e., electricity generation at one facility and steam generation at another or electricity purchased from the grid and steam generated onsite).

To the extent that the energy generated by a new CHP facility is displacing existing systems (i.e., older CHP facility, current separate systems, etc.), the analysis may prove to be fairly straight forward (CO₂, NO_x, SO_x, PM₁₀ released into the air by current sources compared to same parameters for proposed new CHP system).

In terms of water, EPA publications such as the one referenced above describe the water used by CHP facilities as "negligible" compared to traditional electrical generation plants and there appears to be operating CHP facilities that use treated wastewater to supply the limited volume of water required.

DISTRIBUTED GENERATION/DISTRICT ENERGY (DONE??)

As just described a key component for a CHP facility like the one proposed in Rockland to meet efficiency, utility and environmental benchmarks entails developing some framework for distributing the thermal energy to users in Rockland - - a system typically now called "District Energy" and historically referred to as "District Heating."

According to data from the US Department of Energy, there are 33 CHP facilities operating in Maine. Seven of those CHP facilities drive "District Energy" systems - - i.e., provide power to a variety of buildings. In Maine those "districts" are mostly the campuses of colleges (Bowdoin, Colby, UMO, etc.) and health care systems (EMMC).

The US EPA just gave one of three 2015 "Energy Star" awards to Bowdoin College for its natural gas fired CHP facility that provides part of the power to 65 buildings on campus and was an integral part of the Bowdoin's strategy to reduce carbon emissions (see <http://epa.gov/chp/awards/winners.html>).

While District Energy/Heating systems in Maine are limited to institutional campus, many District Energy systems are currently serving developed city/town centers and industrial areas in the U.S. and Canada as well as in European Union countries (especially Finland, Norway, Sweden, Denmark, & the Netherlands)

District heating has been around for over a century (see next point). Initially most just produced heat (typically steam). However, many old systems as well as most new district energy systems appear to now be powered by CHP facilities (published figures suggest as much as 80% of District Energy in Denmark is supplied by CHP units).

The International District Energy Association just held a conference in Boston. As of today (7/22), a number of short video's from the conference were on the IDEA's home page (<http://www.districtenergy.org/>).

These videos note ways CHP/District Energy/Micro Grids can be used to reduce air emissions, reduce carbon emissions, provide lower cost cleaner energy and be a tool for economic development ("District Energy/CHP as a Climate Change Mitigation Strategy," "District Energy Microgrids Planning for Economic Development").

DISTRICT HEATING/DISTRICT ENERGY EXAMPLES: DENMARK AND NYC

District Energy (or "District Heating" or "District Heating and Cooling," depending on the application and the Country) has been in place in Europe and the US for over a century. Some technical histories suggest the concept may have originated in Denmark.

In the US the oldest and largest "District Heating" system is

<https://www.youtube.com/watch?v=-0V5OMS4kzw>

the 184 page New York Department of Environmental Conservation permit for the 286 Megawatt cogeneration facility at the Brooklyn Navy Yard

CHP EXAMPLES: NYU/NY Presbyterian/Longwood Medical

CHP/DISTRICT ENERGY AND CLIMATE ACTION/RESILIENCY PLANS

NYU Climate Action Plan

NYC Climate Action Plan

CHP/District Energy & Hurricane Sandy

8/19 DRAFT 2030 Hours



JOIN US!



Let's celebrate our commitment to ending our use of fossil fuels together! What better way than a group bike ride?

Renew Rockland invites you to ride with us to the August 19th meeting about the Rockland, ME natural gas power plant proposal.

A natural gas plant is proposed to be located at 270 Pleasant Street, currently City Hall, of Rockland, ME. Residents have many questions and concerns—come to the meeting to find out more about its environmental impact, economic impact, and potential location of the new midcoast natural gas pipeline that will be needed to feed it.

All you need is your bike and your helmet!

WHERE: we will meet in the middle of the Harbor Park parking lot—in the big grassy island area

WHEN: Wednesday, August 19th we will gather at 5:30pm and begin our ride at 5:45 pm. We plan to ride down Pleasant Street to Rockland City Hall, located at 270 Pleasant Street.



location of bike meetup

Check our Facebook page for updates: facebook.com/renewthemidcoast

Mike Chonko

From: Mike Chonko <MCHONKO@SMRTInc.com>
Sent: Thursday, August 13, 2015 20:37
To: Larry Pritchett
Cc: Kate Everett
Subject: RE: Rockland > Energy > CHP > Questions > 8/19 > Public Forum

Larry,
Thanks for this summary email. I suspect Kate may be camping outside of cell range. We will figure out a way to cover the meeting.
Mike

Michael Chonko PE, CEM
Principal/Director of Mechanical Engineering

SMRT Architects and Engineers
p: 877.700.7678
c: 207.807.4682
smrtinc.com

----- Original message -----

From: Larry Pritchett <larrypritchett.council@gmail.com>
Date: 08/13/2015 9:32 AM (GMT-05:00)
To: Mike Chonko <MCHONKO@SMRTInc.com>
Cc: Kate Everett <keverett@smrtinc.com>
Subject: Rockland > Energy > CHP > Questions > 8/19 > Public Forum

Hi Mike,

I had roughed out this email after we talked and was holding it until I heard from Kate or you. Since the calendar is getting tighter, I thought I would clean up my rough notes and pass this along so both of you would have the info.

Attached is the press release that went out Tuesday morning. As I said when we talked, it is not a big deal to put out a follow up press release noting that another party will be joining the forum. I had hoped to know by the end of the day Friday, if that was practical given both of you are on vacation.

In terms of the forum, if Kate is available, the City might would have her lead off with a very general, high level overview. Ten to twelve minute presentation on topics like: (1) What is combined heat and power? (2) What are the key design aspects of a high efficiency, low emissions CHP facility?

(3) What is District Energy? (4) As a high level concept, does the City's Industrial Park and the Tillson Waterfront Area (west side of Main Street Downtown, commercial area on Tillson, FMC) have the technical characteristics (density, users, etc.) that would suggest district energy for these areas could be a concept worth exploring?

From the comments and questions received those four points (with a couple of examples included like NYU or

Montpelier District Heat or an SMRT project, etc.) would seem like the intro focus. Four other questions which can be either weaved into the opening, or addressed in the discussion might be topics like:

(5) Beyond winter heating, what types of year round loads would make the CHP efficient and practical (i.e., possible options like FMC's year round steam load, steam powered centrifugal chiller for O'Hara frozen bait, etc.). (6) What are the common/typical emissions controls for a CHP facility?

(7) Noise: What are common/typically noise controls? If noise control is done well, how close can residences be? When CHP units are located at residential facilities, is noise an issue? (8) How close to the CHP facility does a user of steam, hot water or chilled water need to be for the system to be efficient and practical?

Obviously, the City as well as SMRT should be very clear the EMI proposal is NOT an SMRT project. You could say your comments are based on CHP facilities SMRT has work on.

Or, you could say that if the City approached SMRT about developing a CHP powered municipal district energy system, these would be key points and areas on which you would focus the discussion. That is a summary of what the City is thinking. Let me know when you hear from Kate.

Thanks!

Larry

594-8806

Sandy Billington

From: Sandy Billington <sbillington@ci.rockland.me.us>
Sent: Friday, August 14, 2015 09:37
To: 'Larry Pritchett'
Subject: RE: Info > May 26 > Forum

Okay..they're up as a calendar attachment and a "news/headline" attachment when one clicks on the forum announcement.

Thanks!

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Friday, August 14, 2015 9:13 AM
To: 'Sandy Billington '
Subject: RE: Info > May 26 > Forum

Hi Sandy,

Did you hear from Audra on this? Has she been around the office?
I know she had an EPA deadline and I think her inlaws from Australia are still in town.

LP

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Tuesday, August 11, 2015 13:00
To: 'Audra Bell'
Cc: Sandy Billington
Subject: Info > May 26 > Forum

Hi Audra,

Energy folk did not realize until finalize stuff for the August 19th forum, that the info from the forum back in May never got on the web site. We all reviewed this over the weekend, and found only a few typos. Could you page through, and if nothing seems inaccurate, green light Sandy to post on the City web site?

Larry
594-8806

Larry Pritchett

From: Larry Pritchett
Sent: Friday, August 14, 2015 11:54
To: Thomas Peaco
Subject: Rockland > Energy > Forum > August 19
Attachments: 2015_08.19_Rockland_Energy_Community_Development_Forum_Press_Final.pdf

Hi Tom,

The PBRCC Friday report just popped into my Inbox. Which lead to some grumbling by me (and at me) because I had forgotten to get the attached over to you folk. You and I discussed this over breakfast. I have attached the press release that went out on Tuesday. My mistake for not getting that to the Chamber.

I'll have blog page and Facebook page set up on this event either later today or tomorrow morning. Could the Chamber do a Facebook posting on this event on Monday? Possibly link to the blog page? Or? Other suggestions? What comments are you getting on this?

Thanks!
Councilor Larry R. Pritchett
Chair, City Of Rockland Energy Committee
LarryPritchett.Council@GMail.Com
Phone: (207) 594-8806

Frank Isganitis

From: Frank Isganitis <frankisganitis@gmail.com>
Sent: Friday, August 14, 2015 12:01
To: Larry Pritchett
Cc: James Chaousis; Will Clayton; Lousie MacLellan-Ruf; Valli Geiger; Audra Bell
Subject: Re: Energy > Forum > May 26 > Info > Questions

Thanks to you and Brooks for copious notes!

On Fri, Aug 14, 2015 at 11:11 AM, Larry Pritchett <larrypritchett.council@gmail.com> wrote:

Morning All,

As you may recall, Energy Committee member Brooks Winner recorded (on screen where folks could see it) the key questions and ideas raised during the May 26th Public Forum. The committee members and staff have used those questions to select participants for and determine the format of the August 19th follow up forum.

What attendees should see next Wednesday evening is each of the invited folk will speak briefly to two or three questions/issues (different for each person and based on each person's area of expertise) identified at the May 26th forum.

Before going to the next speaker/presenter, there will be an opportunity for discussion/debate among the presenters and some follow up from community members. As JimC alluded to in an email yesterday, I suspect the discussion/debate among presenters might prove to be the most informative and engaging part of the evening.

The attached file merges EMI's slides from the May 26th forum with Brook's notes on issues, questions, and ideas raised by the community. In the attached PDF file the comments and questions from the community have been grouped topically. This file is also up on the City's web site. I wanted to be sure Council members had this info.

In short, the City has seven pages of questions raised by and ideas from the community. Next Wednesday is an opportunity to hear folk with decades of experience in the fields of energy, environmental advocacy, and utility regulation discuss those issues and have the community ask follow up questions.

Best,
Larry
594-8806

Larry Pritchett

From: Larry Pritchett <larrypritchett.council@gmail.com>
Sent: Sunday, August 16, 2015 19:08
To: Larry@Pritchett4Rockland.Com
Subject: FW: ENEGRY > Public Forum > Natural Gas > Combined Heat & Power > Wednesday > 8/19 > City Hall

Dear Neighbors and Friends,

As you all know, I do not send out very many "group" emails - - maybe six or seven a year. I realize it feels like we all get too many. That said, given the importance of the questions, I am emailing to invite all members of the community to a public forum Wednesday Evening:

Combined Heat & Power, District Energy, And Natural Gas:

Is This A Good Option For Rockland?

August 19, Rockland City Hall

6:30 PM

(For More Info See <http://pritchett4rockland.typepad.com/larry/>)

As most of you are aware, Energy Management Inc approached the City back in March to explore the concept of constructing a combined heat and power (CHP or CoGen) plant and local district energy system in Rockland. This concept is an opportunity that raises a number of challenging questions, such as:

- 1) In an era when the goal is to reduce carbon emissions released into the air, how does a community weigh the merits of a new natural gas fired combined heat and power plant and a new district energy system to supply locally generated power to parts of the City?
- 2) In Rockland where specialty manufacturing is key to the strength of the year round economy, how critical is natural gas to the viability and competitive position of these businesses for the next thirty years (or more)?
- 3) Natural gas driven combined heat and power plants supplying electricity and other forms of energy (steam, hot water, etc.) are a key part of a number of universities' and research hospitals' strategies to reduce carbon & other air emissions and to provide resilient locally generated power. Is this a good approach for Rockland?

On Wednesday evening several people from a variety of backgrounds (utility regulation, environmental advocacy, etc.) with decades of experience will be at City Hall to discuss these questions with the community.

As noted above, more information is on my web site (<http://pritchett4rockland.typepad.com/larry/>). I hope you will review this information and make an effort to attend Wednesday evening's public forum. I believe these questions warrant thoughtful consideration by all of us. Please share this with anyone who is interested.

Thanks!

Councilor Larry R. Pritchett
Chair, City of Rockland Energy Committee
LarryPritchett.Council@GMail.Com
Phone: (207) 594-8806

Greg Cunningham

From: Greg Cunningham <GCunningham@clf.org>
Sent: Monday, August 17, 2015 10:38
To: Larry Pritchett
Subject: RE: ENEGRY > Public Forum > Natural Gas > Combined Heat & Power > Wednesday > 8/19 > City Hall

Sounds good. I am working from home with poor cell service, so please call my land line 207-847-3011. Thanks

Greg Cunningham

Conservation Law Foundation
P: 207-210-6439
C: 207-329-9161
E: gcunningham@clf.org

For a thriving New England

From: Larry Pritchett
Sent: Monday, August 17, 2015 10:35 AM
To: Greg Cunningham
Subject: RE: ENEGRY > Public Forum > Natural Gas > Combined Heat & Power > Wednesday > 8/19 > City Hall

How about 3:30?

LP

From: Greg Cunningham [<mailto:GCunningham@clf.org>]
Sent: Monday, August 17, 2015 10:23
To: Larry Pritchett
Subject: RE: ENEGRY > Public Forum > Natural Gas > Combined Heat & Power > Wednesday > 8/19 > City Hall

Hi Larry. I have good availability this afternoon. Let me know what time works for you.

Greg Cunningham

Conservation Law Foundation
P: 207-210-6439
C: 207-329-9161
E: gcunningham@clf.org

For a thriving New England

From: Larry Pritchett
Sent: Monday, August 17, 2015 7:45 AM
To: Greg Cunningham
Subject: ENEGRY > Public Forum > Natural Gas > Combined Heat & Power > Wednesday > 8/19 > City Hall

Morning Greg,

Welcome back. Let me know if this gets to you. Is there a time late today (Monday) or early tomorrow (Tuesday) that we could touch base on the format for Wednesday's forum? Press releases went out to the local media last Wednesday.

I put the content of the press release on my web site/blog (with links to other related documents and web sites plus some graphics added). I sent the following email to my 2013 re-election email list yesterday. Meant to get this to you last week but could not track down an email for you.

Best,
Larry
594-8806

From: Larry Pritchett
Sent: Sunday, August 16, 2015 18:59
To: 'Larry@Pritchett4Rockland.Com'
Subject: ENEGRY > Public Forum > Natural Gas > Combined Heat & Power > Wednesday > 8/19 > City Hall

Dear Neighbors and Friends,

As you all know, I do not send out very many "group" emails - - maybe six or seven a year. I realize it feels like we all get too many. That said, given the importance of the questions, I am emailing to invite all members of the community to a public forum Wednesday Evening:

**Combined Heat & Power, District Energy, And Natural Gas:
Is This A Good Option For Rockland?
August 19, Rockland City Hall
6:30 PM**

(For More Info See <http://pritchett4rockland.typepad.com/larry/>)

As most of you are aware, Energy Management Inc approached the City back in March to explore the concept of constructing a combined heat and power (CHP or CoGen) plant and local district energy system in Rockland. This concept is an opportunity that raises a number of challenging questions, such as:

- 1) In an era when the goal is to reduce carbon emissions released into the air, how does a community weigh the merits of a new natural gas fired combined heat and power plant and a new district energy system to supply locally generated power to parts of the City?
- 2) In Rockland where specialty manufacturing is key to the strength of the year round economy, how critical is natural gas to the viability and competitive position of these businesses for the next thirty years (or more)?
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On Wednesday evening several people from a variety of backgrounds (utility regulation, environmental advocacy, etc.) with decades of experience will be at City Hall to discuss these questions with the community.

As noted above, more information is on my web site (<http://pritchett4rockland.typepad.com/larry/>). I hope you will review this information and make an effort to attend Wednesday evening's public forum. I believe these

questions warrant thoughtful consideration by all of us. Please share this with anyone who is interested.

Thanks!

Councilor Larry R. Pritchett

Chair, City of Rockland Energy Committee

LarryPritchett.Council@GMail.Com

Phone: (207) 594-8806

Audra Caler-Bell

From: Audra Bell <abell@ci.rockland.me.us>
Sent: Monday, August 17, 2015 15:07
To: 'Larry Pritchett'
Cc: 'Brooks Winner'
Subject: draft potenital panel questions
Attachments: panel questions.docx; RenewRockland_BiketoMeeting.pdf

Hi Larry & Brooks,

Please find attached the draft questions.

Also attached is a flyer that is being distributed by Renew Rockland. They're description of the purpose of the panel discussion is completely wrong. Should we do something to try and correct this or just let it go?

Audra

Audra Caler-Bell
Community & Economic Development Director
Rockland, Maine
207-594-0306

Draft List From Audra

Questions for Panelists

- ~~1. What is your process for determining whether or not to support the expansion of natural gas pipelines? How would this be applied to an expansion here in the Midcoast? (Tim)~~
2. Give examples of when the CLF has supported projects to expand natural gas to certain areas and examples of when you have opposed projects. What were the reasons for your support or opposition? (Greg)
3. Do you believe a natural gas pipeline to the Midcoast is important for our region's economic sustainability - if so why, if not why not? (Tony)
- ~~4. In your experience can combined heat and power natural gas plants be effective in generating clean affordable energy? Could a natural gas CHP plant be effective for these purposes in Rockland? (Kate)~~
- ~~5. What is the process for the PUC awarding a long term capacity contract? What are the different factors considered when awarding a contract? (Tim)~~
6. Do you believe all new power generation projects can only be from renewable energy sources in order to make progress in reducing greenhouse gas emissions? (Greg)
7. Manufacturing is very important in Rockland. Can our industrial energy users be sustainable in Rockland using only renewable energy as opposed to natural gas? (Tony)
- ~~8. What role do combined heat and power natural gas plants play in reducing or increasing greenhouse gas emissions and energy affordability? (Kate)~~
9. What role if any does natural gas play in affordable energy costs? In both Maine and Rockland is it possible that by only using renewable energy consumers can still have access to power that is affordable? (Tim)
- ~~10. What are important questions or conversations a community like Rockland should have around expanding a natural gas pipeline to Rockland and the region and hosting a natural gas CHP plant? What type of debate is helpful and what is hyperbolic? (All panelists)~~

(Questions struck through as incorporated into panelists agenda)

Larry Pritchett

From: Larry Pritchett <larrypritchett.council@gmail.com>
Sent: Monday, August 17, 2015 12:05
To: 'Brooks Winner'; 'Audra Bell'
Subject: RE: Confirming 1 PM Today At Island Institute
Attachments: 2015_08.19_Energy_Forum_Format_EC_LP_AC_DRAFT_17Aug1201hrs.docx

I did not get all the way through. But the attached attempts to be an outline/very rough draft agenda that pulls in many of the major points raised. Wanted to get to both of you at least a little ahead of 1 PM.

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Monday, August 17, 2015 11:20
To: 'Brooks Winner'; 'Audra Bell'
Subject: RE: Confirming 1 PM Today At Island Institute

Kate Everett from SMRT got back from vacation and confirmed this morning.

So, panel will include third party technical expertise on CHP, District Energy, noise, etc.

LP

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Monday, August 17, 2015 11:17
To: 'Brooks Winner'; 'Audra Bell'
Subject: Confirming 1 PM Today At Island Institute

See you then.

LP



City Of Rockland

8/17 1200hrs:

Initial draft of forum format with suggestions compiled into one document

Community Forum:

Combined Heat & Power, District Energy, And Natural Gas

Would This Benefit Rockland?

6:30 PM Wednesday August 19th

Council Chambers At Rockland City Hall

Draft Panelist Version:

The following is draft agenda with additional info for panelist. The published agenda will only contain condensed version four "Primary Points" under the heading for each panelist.

As proposed below the format would be 10 minutes of presentation by a panelist, discussion among & questions to that panelist for up to twenty minutes and then repeat for the next panelist.

PLEASE get back to the City with any suggested revisions, questions or clarifications

District Energy, Combined Heat & Power: How does all of this work?

Katherine Everett: Mechanical Division Lead SMRT

Primary Opening Presentation Points (10 Minute High Level/General Overview)

- (1) What is combined heat and power?
- (2) What are the key design aspects of a high efficiency, low emissions CHP facility?
- (3) What is District Energy?
- (4) As a high level concept, does the City's Industrial Park and the Tillson Waterfront Area (west side of Main Street Downtown, commercial area on Tillson, etc.) have the general technical characteristics (density, users, etc.) that would suggest district energy for these areas could be a concept worth the City exploring?

Likely Question/Discussion Topics

(Be prepared for questions in these areas)

- (5) Beyond winter heating, what types of year round loads would make the CHP efficient and practical?
- (6) What are the common/typical emissions controls for a CHP facility?
- (7) Noise: What are common/typically noise controls? If noise control is done well, how close can residences be? When CHP units are located at residential facilities, is noise an issue?
- (8) How close to the CHP facility does a user of steam, hot water or chilled water need to be for the system to be efficient and practical?

Twenty Minutes: Questions & Discussion

Questions from moderator, other panelists and submitted from audience?

Electricity, Natural Gas, & Long Term Contracts: What is in Maine residents' interest?

Tim Schneider: Office of the Public Advocate

Primary Points: (Ten Minute General Overview)

- (1) Current mix of energy sources used to generate electricity in Maine?
- (2) Does Maine need additional generation capacity?
- (3) What are the local grid constraints? Is additional generation needed locally?
- (4) 2050 Goals established for energy sources?
- (5) How does OPA typically review (& historically the PUC) whether a contract for long term power meets the state's policy objectives and is fiscally in consumer's interest?

Secondary Points

(Weave in if time permits, be prepared for questions about)

- (1) OPA's value of solar report
- (2) Add CHP/District Energy & Long term contracts question (RFP/PPA criteria)?
- (3) What role would the PUC play in reviewing a natural gas distribution pipeline extension into Rockland?
- (4) Does OPA (or the PUC) weigh the costs of the pipeline against other energy sources (i.e., continued use of heating oil, propane, local solar, etc?)
- (5) What was the cost to ratepayers, and the payback period, for the distribution line extension from Windsor into East Augusta?

Energy Costs, Natural Gas & Specialty Manufacturing: Can Rockland Stay Competitive?

Anthony Buxton: Chair of Preti Flaherty's Energy and Utilities Law Practice

Primary Points:

(Ten Minute General Overview)

Secondary Points

(Weave in if time permits, be prepared for questions about)

Air Emissions, Climate Change & Natural Gas: What is a Viable Transition?

Greg Cunningham: Conservation Law Foundation's Clean Energy and Climate Change Program

Primary Points:

(Ten Minute General Overview)

- (1) What are emissions typically associated with a natural gas powered generation facility?
- (2) What type of permitting review occurs at the state level?
- (3) How would CLF view this if the project was heavily replacing existing local sources (i.e., through the District Energy system or micro grid) vs being a new source?
- (4) In presentations to Mass legislature, CLF sees an ongoing role for natural gas in combination with (1) a strong emphasis on efficiency and (2) a continued significant expansion of renewables.
- (5) What are the key points CLF looks at when considering a natural gas related project?

Secondary Points

(Weave in if time permits, be prepared for questions about)

Everybody Questions:

Better Exmaples

Press Contact:

Larry R. Pritchett, Chair City of Rockland Energy Committee. (207) 594-8806

Audra Caller-Bell, City of Rockland Community Development Director. (207) 594-0306

Extension of Pipeline

Long Term Contracts

CHP Stuff

Out

CHP

Power Rate

Pipeline

Cards on seats/Hat circulated

Jim Chaousis

From: Jim Chaousis <jchaousis@ci.rockland.me.us>
Sent: Monday, August 17, 2015 13:21
To: 'Frank Isganitis'; williamclayton79@gmail.com; 'Larry Pritchett'; 'Louise MacLellan-Ruf'; valli.citycouncil@gmail.com
Subject: FW: Rockland Energy Center

FYI

From: Jim Chaousis [<mailto:jchaousis@ci.rockland.me.us>]
Sent: Monday, August 17, 2015 1:21 PM
To: 'Stephen Betts' <sbetts@bangordailynews.com>
Subject: RE: Rockland Energy Center

Steve,

Rockland Energy Center executed the option on August 1st. They are paying the option payment of \$1,000. Other than the in person meeting, when they signed the option, there has not been any correspondence with Rockland Energy Center. I know they are working diligently to put together a proposal for the City.

Jim C

James D Chaousis II, City Manager
City of Rockland
270 Pleasant Street
Rockland, ME 04841
Phone (207)593-0636
www.ci.rockland.me.us
jchaousis@ci.rockland.me.us

From: Stephen Betts [<mailto:sbetts@bangordailynews.com>]
Sent: Monday, August 17, 2015 11:48 AM
To: James D Chaousis II <jchaousis@ci.rockland.me.us>
Subject: Rockland Energy Center

Jim,

Has Rockland Energy Center executed the option for the city land? A story I had in May quotes from a letter from Mitchell Jacobs said the company planned to execute the option within 30 days from that point.

Are they paying the monthly \$1,000 payment as part of that option?

Has there been any correspondence from them during the past month?

Thanks

Steve

Brooks Winner

From: Brooks Winner <bwinner@islandinstitute.org>
Sent: Tuesday, August 18, 2015 09:30
To: Larry Pritchett; 'Audra Bell'
Subject: RE: Confirming 1 PM Today At Island Institute
Attachments: 2015_08_19_Energy_Forum_Format_EC_LP_AC_DRAFT_17Aug1201hrs_BW.docx

Hi Larry,

Added a couple questions in here.

-Brooks

Brooks Winner
Community Energy Associate
Island Institute
207.594.9209 x 148
207.358.0219 cell
www.islandinstitute.org
[@brookswinner2](#) | [LinkedIn](#)

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Monday, August 17, 2015 12:05 PM
To: Brooks Winner <bwinner@islandinstitute.org>; 'Audra Bell' <abell@ci.rockland.me.us>
Subject: RE: Confirming 1 PM Today At Island Institute

I did not get all the way through. But the attached attempts to be an outline/very rough draft agenda that pulls in many of the major points raised. Wanted to get to both of you at least a little ahead of 1 PM.

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Monday, August 17, 2015 11:20
To: 'Brooks Winner'; 'Audra Bell'
Subject: RE: Confirming 1 PM Today At Island Institute

Kate Everett from SMRT got back from vacation and confirmed this morning.

So, panel will include third party technical expertise on CHP, District Energy, noise, etc.

LP

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Monday, August 17, 2015 11:17
To: 'Brooks Winner'; 'Audra Bell'
Subject: Confirming 1 PM Today At Island Institute

See you then.

LP



City Of Rockland

DRAFT:

Brooks Winners Notes On 8/17 Draft Forum Format
DRAFT

Community Forum:

Combined Heat & Power, Natural Gas

Would This Benefit Rockland?

6:30 PM Wednesday August 19th

Council Chambers At Rockland City Hall

8/16 LP Note: The following attempts to capture notes from the BW & LP discussion on 8/7, points from the 5/26 forum notes as well as discussions with 8/19 participants. As drafted the format would be 10 minutes of presentation by a panelist, discussions/questions with that panelist for up to twenty minutes and then repeat for the next panelist.

As listed below (and if this approach is used) need to decide what are the four more or less key points the panelist should cover in opening remarks and what are the points they should be prepared to discuss. Provide this to presenters? Post Agenda with just major points?.

BW General question: Are there examples of other similar projects that have worked well in places like Rockland? Are there examples of projects that haven't worked well? Where can we look for examples?

District Energy, Combined Heat & Power: How does all of this work?

Katherine Everett: Mechanical Division Lead SMRT

Primary Points

(10 Minute General Overview)

- (1) What is combined heat and power?
- (2) What are the key design aspects of a high efficiency, low emissions CHP facility?
- (3) What is District Energy?
- (4) As a high level concept, does the City's Industrial Park and the Tillson Waterfront Area (west side of Main Street Downtown, commercial area on Tillson, FMC) have the technical characteristics (density, users, etc.) that would suggest district energy for these areas could be a concept worth exploring?

Secondary Points

(Weave in if time permits, be prepared for questions about)

- (5) Beyond winter heating, what types of year round loads would make the CHP efficient and practical (i.e., possible options like FMC's year round steam load, steam powered centrifugal chiller for O'Hara frozen bait, etc.)
- (6) What are the common/typical emissions controls for a CHP facility?
- (7) Noise: What are common/typically noise controls? If noise control is done well, how close can residences be? When CHP units are located at residential facilities, is noise an issue?
- (8) How close to the CHP facility does a user of steam, hot water or chilled water need to be for the system to be efficient and practical?

Twenty Minutes: Questions & Discussion

Start with a question from Brooks, then questions/comments from other members of the panel, then to audience?

Electricity, Natural Gas, & Long Term Contracts: What is in Maine residents' interest?

Tim Schneider: Office of the Public Advocate

Primary Points:

(Ten Minute General Overview)

(LP Note: What of the following are primary points for Tim should address in his open comments and what are secondary potential questions areas?)

- (1) Current mix of energy sources used to generate electricity in Maine?
- (2) Does Maine need additional generation capacity?
- (3) What are the local grid constraints? Is additional generation needed locally?
- (4) What is your process for determining whether or not to support the expansion of natural gas pipelines? How would this be applied to an expansion here in the Midcoast?
- (5) How does OPA typically review (& historically the PUC) whether a contract for long term power meets the state's policy objectives and is fiscally in consumer's interest? 2050 Goals established for energy sources?

BW Add: What opportunities are there for public comment in these review processes? How do people follow these decisions?

- (6) Add CHP/District Energy & Long term contracts question?
- (7) What role would the PUC play in reviewing a natural gas distribution pipeline extension into Rockland?
- (8) Does OPA (or the PUC) weigh the costs of the pipeline against other energy sources (i.e., continued use of heating oil, propane, local solar, etc?)
- (9) What was the cost to ratepayers, and the payback period, for the distribution line extension from Windsor into East Augusta?

Secondary Points

(Weave in if time permits, be prepared for questions about)

- (1) OPA's value of solar report

Energy Costs, Natural Gas & Specialty Manufacturing: Can Rockland Stay Competitive?

Anthony Buxton: Chair of Preti Flaherty's Energy and Utilities Law Practice

Primary Points:

(Ten Minute General Overview)

Secondary Points

(Weave in if time permits, be prepared for questions about)

Air Emissions, Climate Change & Natural Gas: What is a Viable Transition?

Greg Cunningham: Conservation Law Foundation's Clean Energy and Climate Change Program

Primary Points:

(Ten Minute General Overview)

- (1) What emissions are typically associated with a natural gas powered generation facility?
- (2) What type of permitting review occurs at the state level?
- (3) How would CLF view this if the project was heavily replacing existing local sources (i.e., through the District Energy system or micro grid) vs being a new source?
- (4) In presentations to Mass legislature, CLF sees an ongoing role for natural gas in combination with (1) a strong emphasis on efficiency and (2) a continued significant expansion of renewables.
- (5) What are the key points CLF looks at when considering a natural gas related project?

Secondary Points

(Weave in if time permits, be prepared for questions about)

Press Contact:

Larry R. Pritchett, Chair City of Rockland Energy Committee. (207) 594-8806

Audra Caller-Bell, City of Rockland Community Development Director. (207) 594-0306

Larry Pritchett

From: Larry Pritchett <larrypritchett.council@gmail.com>
Sent: Tuesday, August 18, 2015 11:00
To: 'Brooks Winner'; 'Audra Bell'
Subject: RE: Confirming 1 PM Today At Island Institute
Attachments: 2015_08.19_Energy_Forum_Format_EC_LP_AC_DRAFT_18Aug1100hrs.docx

Hi,

Attached is a revised version of the agenda for the panelist. I think I added all of AC & BW comments either by tweaking/substituting the points in the outline from which we were working yesterday or by making additions.

Note there is now a "closing questions for all panelist section." Please get back to me soon if you have suggestions to revise the "Key Points" to which we want the presenters to speak in their 10 minute initial comments. I think we should try to get this out to the panelist by 1 PM (noon would be nice)

Larry

From: Brooks Winner [<mailto:bwinner@islandinstitute.org>]
Sent: Tuesday, August 18, 2015 09:30
To: Larry Pritchett; 'Audra Bell'
Subject: RE: Confirming 1 PM Today At Island Institute

Hi Larry,

Added a couple questions in here.

-Brooks

Brooks Winner
Community Energy Associate
Island Institute
207.594.9209 x 148
207.358.0219 cell
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From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Monday, August 17, 2015 12:05 PM
To: Brooks Winner <bwinner@islandinstitute.org>; 'Audra Bell' <abell@ci.rockland.me.us>
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I did not get all the way through. But the attached attempts to be an outline/very rough draft agenda that pulls in many of the major points raised. Wanted to get to both of you at least a little ahead of 1 PM.

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Sent: Monday, August 17, 2015 11:20
To: 'Brooks Winner'; 'Audra Bell'
Subject: RE: Confirming 1 PM Today At Island Institute

Kate Everett from SMRT got back from vacation and confirmed this morning.

So, panel will include third party technical expertise on CHP, District Energy, noise, etc.

LP

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]

Sent: Monday, August 17, 2015 11:17

To: 'Brooks Winner'; 'Audra Bell'

Subject: Confirming 1 PM Today At Island Institute

See you then.

LP



City Of Rockland

Community Forum:

Combined Heat & Power, District Energy, And Natural Gas Would This Benefit Rockland?

6:30 PM Wednesday August 19th

Council Chambers At Rockland City Hall

Draft Panelist Version:

The following is a draft agenda with additional info for panelist. The published agenda will only contain a condensed version of the 4-5 "Primary Points" under the heading for each panelist.

As proposed below the format would be 10 minutes of presentation by a panelist, discussion among & questions to that panelist for up to twenty minutes and then repeat for the next panelist.

PLEASE get back to the City with any suggested revisions, questions or clarifications

District Energy, Combined Heat & Power: How does all of this work?

Katherine Everett: Mechanical Division Lead SMRT

Primary Opening Comments/Presentation Points

(10 Minute High Level/General Overview In Opening Comments)

- (1) What is combined heat and power?
- (2) What are the key design aspects of a high efficiency, low emissions CHP facility?
- (3) What is District Energy?
- (4) As a high level concept, does the City's Industrial Park and the Tillson Waterfront Area (west side of Main Street Downtown, commercial area on Tillson, etc.) have characteristics (density, users, etc.) that suggest district energy is a concept to explore?
- (5) Many places, especially major universities and European cities, utilize CHP & District Energy to meet greenhouse gas emissions goals. What would be the key factors to determine whether a facility here adds to or reduces greenhouse gas emissions?

Likely Question/Discussion Topics

(Be prepared for questions in these areas)

- (1) Beyond winter heating, what types of year round loads would make the CHP efficient and practical?
- (2) Can combined heat and power natural gas plants be effective in generating clean affordable energy? Could a natural gas CHP plant be effective for these purposes in Rockland?
- (3) What are the common/typical emissions controls for a CHP facility?
- (4) Noise: What are typically noise controls? If noise control is done well, how close can residences be? When CHP units are located at residential facilities, is noise an issue?
- (5) How close to the CHP facility does a user of steam or hot water or chilled water need to be for the system to be efficient and practical?
- (6) What steps can a municipality take to help insure methane leaks are not an issue in piping installed in City streets?

Twenty Minutes: Questions & Discussion

Questions from moderator, other panelists and submitted from audience?

Electricity, Natural Gas, & Long Term Contracts: What is in Maine residents' interest?

Tim Schneider: Office of the Public Advocate

Primary Points:

(Ten Minute General Overview In Opening Comments)

- (1) Current mix of energy sources used to generate electricity in Maine?
- (2) Does Maine need additional generation capacity?
- (3) What are the local grid constraints in the Rockland area? Is additional local generation needed or beneficial here?
- (4) In both Maine and Rockland is it currently possible that by only using renewable energy sources consumers can still have access to power that is affordable?
- (5) How does OPA typically review (& historically the PUC) whether a contract for long term power meets the state's policy objectives and is fiscally in consumer's interest?
- (6) What role would the PUC play in reviewing a natural gas distribution pipeline extension into Rockland?

Likely Question/Discussion Topics

(Be prepared for questions in these areas)

- (1) OPA's value of solar report
- (2) What are Maine's established 2050 goals for energy sources?
- (3) Does OPA (or the PUC) weigh the costs of the pipeline against other energy sources (i.e., continued use of heating oil, propane, local solar, etc?)
- (4) What was the cost to ratepayers, and the payback period, for the distribution line extension from Windsor into East Augusta?

Twenty Minutes: Questions & Discussion

Questions from moderator, other panelists and submitted from audience?

Energy Costs, Natural Gas & Specialty Manufacturing: Can Rockland Stay Competitive?

Anthony Buxton: Chair of Preti Flaherty's Energy and Utilities Law Practice

Primary Points:

(Ten Minute General Overview In Opening Comments)

- (1) Balance struck between energy efficiency and new sources in 2013 Energy Bill
- (2) What role does natural gas play in the determining the price of electricity?
- (3) Manufacturing is very important in Rockland. Can Rockland's industrial energy users be sustainable in using renewable energy is some mix of natural gas essential? If natural gas is arguably essential short term, for how long would it be needed?
- (4) How would the availability of natural gas in the Rockland area potentially impact the economic sustainability: Net positive? Net negative? Not a significant factor?

Likely Question/Discussion Topics

(Be prepared for questions in these areas)

- (1) What steps can, and should, the manufacturing sector take between now and 2030 or 2050 to reduce carbon emissions and remain competitive?
- (2) What is the rationale for continued reliance on fossil fuels for economic development in light of the economic impacts of climate change?

Twenty Minutes: Questions & Discussion

Questions from moderator, other panelists and submitted from audience?

Air Emissions, Climate Change & Natural Gas: What is a Viable Transition?

Greg Cunningham: Conservation Law Foundation's Clean Energy and Climate Change Program

Primary Points:

(Ten Minute General Overview In Opening Comments)

- (1) What air emissions are typically associated with a natural gas powered generation facility?
- (2) What type of review (on both the PUC/Energy side and the DEP/Air Emissions side) that occurs at the state level?
- (3) How would CLF view this if the project was heavily replacing existing local sources (i.e., through the District Energy system or micro grid) vs being a new source?
- (4) What are the key points CLF looks at when considering a natural gas related project?

Likely Question/Discussion Topics

(Be prepared for questions in these areas)

- (1) Do new power generation projects have to be all be renewable energy type facilities in order to make progress in reducing greenhouse gas emissions?
- (2) In presentations to Mass legislature, CLF sees an ongoing role for natural gas in combination with (1) a strong emphasis on efficiency and (2) a continued significant expansion of renewables. How large is that role and for how long?
- (3) Natural gas distribution projects are underway in Falmouth, Yarmouth, and Cumberland. What are the environmental pluses and negatives of those projects?

Twenty Minutes: Questions & Discussion

Questions from moderator, other panelists and submitted from audience?

Closing Questions For All Panelists

- (1) What are important questions or conversations a community like Rockland should have around expanding a natural gas pipeline to Rockland and the region and hosting a natural gas CHP plant? What type of debate is helpful?
- (2) What are examples of CHP/District Energy the community should look to as comparisons for a possible project in Rockland?
- (3) What are the opportunities for citizens and community to follow and engage in the review of a project before the DEP and PUC? How would you recommend a community and individuals participate?

Larry Pritchett

From: Larry Pritchett <larrypritchett.council@gmail.com>
Sent: Tuesday, August 18, 2015 12:16
To: keverett@smrtinc.com; 'Schneider, Tim'; 'O'Neal, Melissa A.'; 'Greg Cunningham'
Cc: 'Audra Bell'; 'Brooks Winner'
Subject: Rockland > 8/19 > Energy Forum > DRAFT > Agenda
Attachments: 2015_08.19_Rockland_Energy_Forum_Format_BW_LP_AC_DRAFT_18Aug1200hrs.docx

Hi All,

First, many thanks to all of you for agreeing to participate in the energy forum in Rockland tomorrow evening (6:30 PM to 8:30 PM). I have attached for your review a draft agenda for tomorrow. This is a version for the panelist that contains more information than will be distributed to the public.

As I have discussed with some of you the proposed format is as follows: A panelist will speak for 10 minutes on the "Primary Topics" listed for each of you. That ten minute talk/presentation will be followed by 20 minutes of questions/discussion among the panelists on those points and submitted questions from the audience.

This will then be repeated for each of the panelist. Please note that the draft agenda also includes a section under each panelist titled "Likely Question/Discussion Topics" to provide a "heads up" on questions. If you wish to weave references to these into opening comments, feel free (but keep under the 10 minute time limit).

I believe each of you know each other and has some familiarity with the other panelists' areas of expertise. If any panelist feels that a point listed as a primary point for your opening comments is better addressed by someone else, let us know.

Please get back to us with any corrections or suggestions you may have. The City plans to post a short (one page) public version of the agenda to the City's web site Wednesday morning.

Thanks you!

Councilor Larry R. Pritchett
Chair, City Of Rockland Energy Committee

LarryPritchett.Council@GMail.Com

Phone: (207) 594-8806



City Of Rockland

Energy Forum Agenda With Moderator's Introduction

Community Forum:

Combined Heat & Power, District Energy, And Natural Gas Would This Benefit Rockland?

6:30 PM Wednesday August 19th

Council Chambers At Rockland City Hall

Good evening everyone.

Welcome to Energy forum sponsored by the City's Energy Committee and the Rockland's Economic And Community Development Department

For folk who do not know me I am Larry Pritchett. I chair the City's Energy Committee and serve as one of five members of City Council. I will be moderator for this evening's forum

Quick Background.

In March of this year EMI approached the City about the concept of building a Combined Heat and Power facility and creating a local district energy system to use thermal energy from the facility

On May 1st, City Council authorized a very limited option that allows EMI to explore developing a CHP facility on some part of this and the adjacent Public Service Garage site.

On May 26th, the Energy Committee facilitated a public forum with Evan Coleman from EMI to present some of the concepts in this project and for the Community to ask Evan questions.

Since May. EMI has been talking with local business that might purchase energy from the facility, talking with CMP about possible connections to the grid, and exploring a range of technical consideration needed to develop a proposal for the City to consider

Tonight's Forum

This evening's forum is very much a follow up to the May 26th forum. The May 26th forum included roughly 1.5 hours of discussion and questions.

Brooks Winner from the Energy Committee record almost seven pages of questions the community raised on May 26.

There were very good reasons to explore the questions raised with professionals not associated with EMI's project. Let me stress that no one up here works for EMI or an EMI affiliate.

If you look at the agenda it is built around many questions identified on May 26th. This is an opportunity for the Community to here from and direct questions to folk with years of Experinec.

Panelist Introduction

With that, I am going to ask each panelist to introduce themselves, note for whom you work, and

give two sentences about what you do

Questions For Panelist

Last housekeeping note. On your seats are squares of paper. Please write questions on these squares.

When you have a question, raise your hand with the paper and a member of the City's Energy Committee will collect the question. Introduce Energy Committee.

Brooks compile the questions and ask them throughout the evening. We are attempting to maximize the time available for the panelist to respond to questions.

District Energy, Combined Heat & Power: How does all of this work? (18:49)

Katherine Everett: Mechanical Division Lead SMRT

Primary Opening Comments/Presentation Points

(10 Minute High Level/General Overview In Opening Comments)

- (1) What is combined heat and power?
- (2) What are the key design aspects of a high efficiency, low emissions CHP facility?
- (3) What is District Energy?
- (4) As a high level concept, does the City's Industrial Park and the Tillson Waterfront Area (west side of Main Street Downtown, commercial area on Tillson, etc.) have characteristics (density, users, etc.) that suggest district energy is a concept to explore?
- (5) Many places, especially major universities and European cities, utilize CHP & District Energy to meet greenhouse gas emissions goals. What would be the key factors to determine whether a facility here adds to or reduces greenhouse gas emissions?

Likely Question/Discussion Topics (19:09)

(Be prepared for questions in these areas)

- (1) Beyond winter heating, what types of year round loads would make the CHP efficient and practical?
- (2) Can combined heat and power natural gas plants be effective in generating clean affordable energy? Could a natural gas CHP plant be effective for these purposes in Rockland?
- (3) What are the common/typical emissions controls for a CHP facility?
- (4) Noise: What are typically noise controls? If noise control is done well, how close can residences be? When CHP units are located at residential facilities, is noise an issue?
- (5) How close to the CHP facility does a user of steam or hot water or chilled water need to be for the system to be efficient and practical?
- (6) What steps can a municipality take to help insure methane leaks are not an issue in piping installed in City streets?

Twenty Minutes: Questions & Discussion

Questions from moderator, other panelists and submitted from audience?

Electricity, Natural Gas, & Long Term Contracts: What is in Maine residents' interest?

Tim Schneider: Office of the Public Advocate

Primary Points: (1922 hrs)

(Ten Minute General Overview In Opening Comments)

- (1) ~~Current mix of energy sources used to generate electricity in Maine?~~
- (2) ~~Does Maine need additional generation capacity?~~
- (3) ~~What are the local grid constraints in the Rockland area? Is additional local generation needed or beneficial here?~~
- (4) **In both Maine and Rockland is it currently possible that by only using renewable energy sources consumers can still have access to power that is affordable?**
- (5) ~~How does OPA typically review (& historically the PUC) whether a contract for long term power meets the state's policy objectives and is fiscally in consumer's interest?~~
- (6) ~~What role would the PUC play in reviewing a natural gas distribution pipeline extension into Rockland?~~

Likely Question/Discussion Topics

(Be prepared for questions in these areas)

- (1) ~~OPA's value of solar report~~
- (2) ~~What are Maine's established 2050 goals for energy sources?~~
- (3) ~~Does OPA (or the PUC) weigh the costs of the pipeline against other energy sources (i.e., continued use of heating oil, propane, local solar, etc?)~~
- (4) What was the cost to ratepayers, and the payback period, for the distribution line extension from Windsor into East Augusta?

Twenty Minutes: Questions & Discussion

Questions from moderator, other panelists and submitted from audience?

Energy Costs, Natural Gas & Specialty Manufacturing: Can Rockland Stay Competitive?

Anthony Buxton: Chair of Preti Flaherty's Energy and Utilities Law Practice

Primary Points:

(Ten Minute General Overview In Opening Comments)

- (1) Balance struck between energy efficiency and new sources in 2013 Energy Bill
- (2) What role does natural gas play in the determining the price of electricity?
- (3) Manufacturing is very important in Rockland. Can Rockland's industrial energy users be sustainable in using renewable energy is some mix of natural gas essential? If natural gas is arguably essential short term, for how long would it be needed?
- (4) How would the availability of natural gas in the Rockland area potentially impact the economic sustainability: Net positive? Net negative? Not a significant factor?

Likely Question/Discussion Topics

(Be prepared for questions in these areas)

- (1) What steps can, and should, the manufacturing sector take between now and 2030 or 2050 to reduce carbon emissions and remain competitive?
- (2) What is the rationale for continued reliance on fossil fuels for economic development in light of the economic impacts of climate change?

Twenty Minutes: Questions & Discussion

Questions from moderator, other panelists and submitted from audience?

Air Emissions, Climate Change & Natural Gas: What is a Viable Transition?

Greg Cunningham: Conservation Law Foundation's Clean Energy and Climate Change Program

Primary Points:

(Ten Minute General Overview In Opening Comments)

- (1) ~~What air emissions are typically associated with a natural gas powered generation facility?~~
- (2) ~~What type of review (on both the PUC/Energy side and the DEP/Air Emissions side) that occurs at the state level?~~
- (3) How would CLF view this if the project was heavily replacing existing local sources (i.e., through the District Energy system or micro grid) vs being a new source?
- (4) ~~What are the key points CLF looks at when considering a natural gas related project?~~

Likely Question/Discussion Topics

(Be prepared for questions in these areas)

- (1) Do new power generation projects have to be all be renewable energy type facilities in order to make progress in reducing greenhouse gas emissions?
- (2) In presentations to Mass legislature, CLF sees an ongoing role for natural gas in combination with (1) a strong emphasis on efficiency and (2) a continued significant expansion of renewables. How large is that role and for how long?
- (3) Natural gas distribution projects are underway in Falmouth, Yarmouth, and Cumberland. What are the environmental pluses and negatives of those projects?

Twenty Minutes: Questions & Discussion

Questions from moderator, other panelists and submitted from audience?

Closing Questions For All Panelists

- (1) ~~What are important questions or conversations a community like Rockland should have around expanding a natural gas pipeline to Rockland and the region and hosting a natural gas CHP plant? What type of debate is helpful?~~
- (2) What are examples of CHP/District Energy the community should look to as comparisons for a possible project in Rockland?
- (3) ~~What are the opportunities for citizens and community to follow and engage in the review of a project before the DEP and PUC? How would you recommend a community and individuals participate?~~

**Strikethrough's denote questions asked
and/or topics covered by panelist during forum**

Amy Files

From: Amy Files <amy@wilderbydesign.com>
Sent: Wednesday, August 19, 2015 10:56
To: Larry Pritchett
Cc: Nathan Davis; Brooks Winner
Subject: Re: Gas Pipeline Map

Hi Larry,

If you get a call back — could you find out if that lateral involved compressors?

Thanks,

Amy

On Aug 19, 2015, at 10:50 AM, Larry Pritchett <larrypritchett.council@gmail.com> wrote:

Hi Amy,

I have attached a map of the Maritimes and Northeast Pipeline. This major gas pipeline already runs through the Midcoast region - - and has since the late 1990's. The only thing needed would be a distribution lateral (or spur, both names are used) into Rockland on the scale of what was just done in East Augusta.

The East Augusta spur, installed last year, runs along Route 17 (it is mostly buried under or beside the west bound lane of the road) from the Windsor Fairground to East Augusta. I have made some calls to see if any issue arose with that project.

So far, the sense I get is the East Augusta project was no more disruptive than installing a water main or a major road repaving project (in essence it was both). I am going to keep researching the East Augusta project to see what lessons/questions can be identified.

The Maritimes map shows existing transmission pipelines and distribution laterals as of 2009. The downside of a quick response is I may miss something (or not think enough about your question and answer the wrong question).

Larry

From: Amy Files [<mailto:amy@wilderbydesign.com>]
Sent: Wednesday, August 19, 2015 10:20
To: Larry Pritchett
Subject: Re: Gas Pipeline Map

Hi Larry,

Thanks for the quick response—it is confusing because there's been talk but little information of how the gas would get to the plant. Are you saying that the infrastructure is already here no new midcoast pipeline would need to be built??

Amy

On Aug 18, 2015, at 1:34 PM, Larry Pritchett
<larrypritchett.council@gmail.com> wrote:

Hi Amy,

I don't see any new pipelines through Maine in the story you referenced. The one map on the page just shows the existing Maritimes and Northeast Pipeline that has been in place for many years. I might have missed one, but I think most, if not all, of the pipelines on that map are existing pipelines.

I cannot think of any reason to purpose a new "Windsor-Belfast" pipeline given the current pipeline passes just west of Belfast and goes through Windsor. I agree there was some reference to that somewhere once. I just assumed it was an error. I have never been part of any conversation about a "Windsor-Belfast" distribution link

Larry

From: Amy Files [<mailto:amy@wilderbydesign.com>]
Sent: Tuesday, August 18, 2015 13:25
To: Larry Pritchett
Cc: Nathan Davis
Subject: Gas Pipeline Map

Hi Larry,

This is one of the first maps I've seen that shows a new pipeline through our area — but it doesn't seem to be the same pipeline that has been discussed in regards to the power plant:

<http://www.theglobeandmail.com/report-on-business/industry-news/energy-and-resources/two-national-energy-board-approved-lng-projects-hinge-on-us-permits/article25995937/>

Can you add this to the list of questions tomorrow night if its not already covered? How is this pipeline different than the Windsor/Belfast (I've heard both mentioned) midcoast pipeline?

At this point in time it seems residents should know where new pipelines are being proposed and there must be maps available. I'm hoping they will be included in tomorrow's presentation.

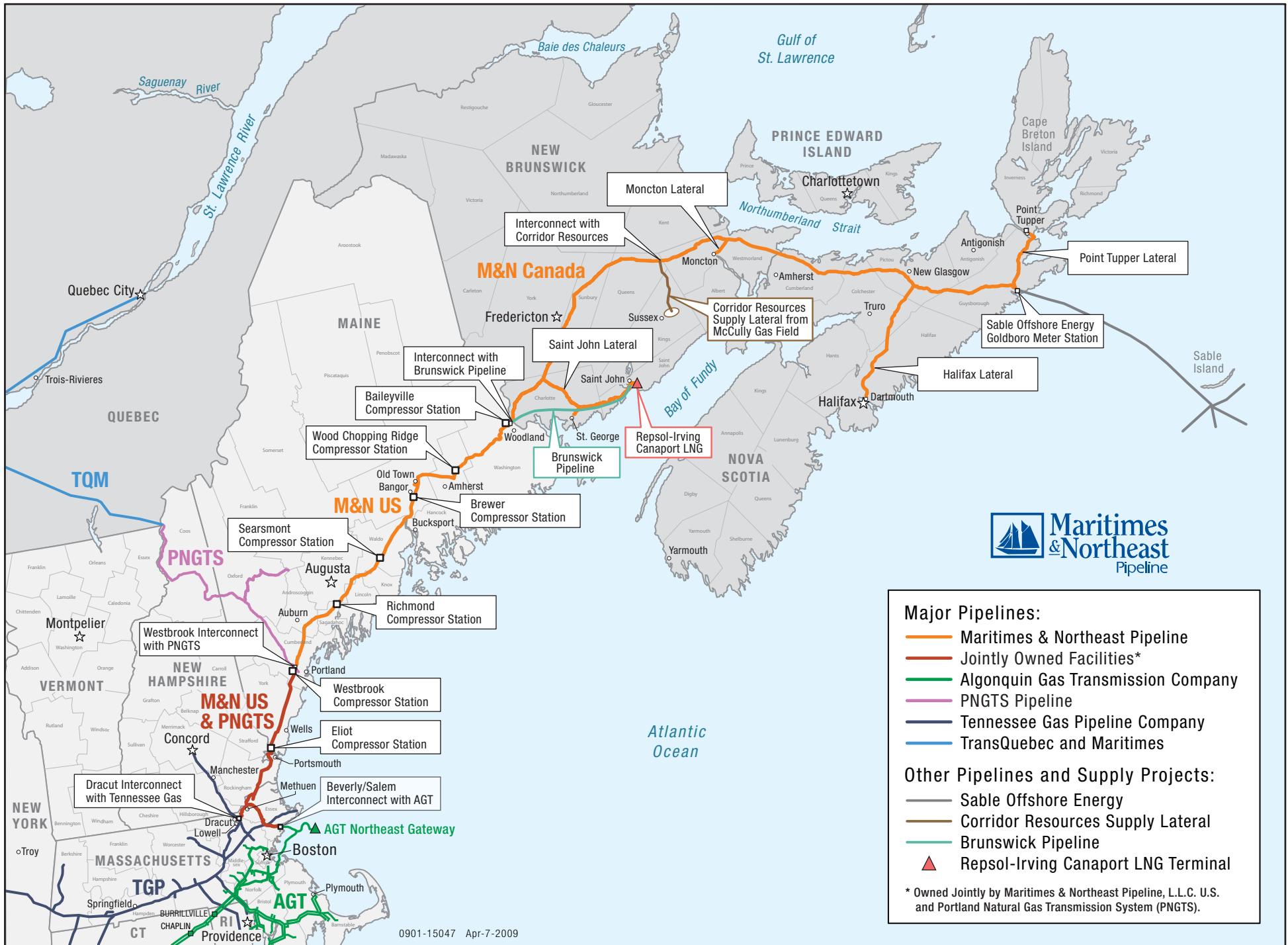
Amy

542-4858

wilderbydesign.com 207.200.5151 facebook.com/wilderbydesign

<2009_04.07_Maritimes_Northeast_Pipeline_Spectra_Energy_Map.pdf>

wilderbydesign.com 207.200.5151 facebook.com/wilderbydesign



- Major Pipelines:**
- Maritimes & Northeast Pipeline
 - Jointly Owned Facilities*
 - Algonquin Gas Transmission Company
 - PNGTS Pipeline
 - Tennessee Gas Pipeline Company
 - TransQuebec and Maritimes
- Other Pipelines and Supply Projects:**
- Sable Offshore Energy
 - Corridor Resources Supply Lateral
 - Brunswick Pipeline
 - ▲ Repsol-Irving Canaport LNG Terminal
- * Owned Jointly by Maritimes & Northeast Pipeline, L.L.C. U.S. and Portland Natural Gas Transmission System (PNGTS).

Larry Pritchett

Subject: FW: Energy Forum > Question Cards

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Wednesday, August 19, 2015 12:07
To: 'Brooks Winner'
Subject: FW: Energy Forum > Question Cards

FYI

From: Peggy Coyne [<mailto:pntcoyne@gmail.com>]
Sent: Wednesday, August 19, 2015 11:54
To: Larry Pritchett
Subject: Re: Energy Forum > Question Cards

I will do that.
Tony

From: deborah donnelly [<mailto:debdonnelly40@gmail.com>]
Sent: Wednesday, August 19, 2015 09:10
To: Larry Pritchett
Subject: Re: Energy Forum > Question Cards

No problem, happy to help!

Deb

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Wednesday, August 19, 2015 08:19
To: 'Pearce, Bill'; 'Peggy Coyne'; 'deborah donnelly'
Cc: 'Brooks Winner'; 'Audra Bell'
Subject: Energy Forum > Question Cards

Tony, Deb & Bill,

This evening there will be cards on attendees chairs on which people can write questions for the panelist. Would you be willing to collect the questions and bring them to Brooks who will sort and ask them?

In practice this would mean standing up through most of the forum and collecting a card anytime someone raised their hand with one. Probably only need two of the three of you. But having three would mean one of the three could take a break from time to time.

Thanks,
Larry
594-8806

Larry Pritchett

From: Larry Pritchett <larrypritchett.council@gmail.com>
Sent: Wednesday, August 19, 2015 12:09
To: 'Frank Isganitis'
Subject: RE: Energy > Forum > May 26 > Info > Questions

Hi Frank,

Questions virtually identical to these are already on the list.
Thanks. These are key points we do not want to miss.

Best,
Larry

From: Frank Isganitis [<mailto:frankisganitis@gmail.com>]
Sent: Wednesday, August 19, 2015 11:27
To: Larry Pritchett; James Chaousis; Audra Bell
Cc: Will Clayton; Lousie MacLellan-Ruf; Valli Geiger
Subject: Re: Energy > Forum > May 26 > Info > Questions

Well, I flat out screwed up. We have company coming from out of town for dinner tonight, and I am cooking. Forgot to put it on my calendar. I will not be able to attend tonight's forum. But I have a couple of questions I am hoping could be asked or added to the list for tonight's panel.

1. Solar or Wind alternatives - Opponents keep talking in this regard. What would be the size and cost, respectively, for projects of similar output of the proposed co-generation plant?
2. Natural Gas as a bridge fuel - I understand long term reliance on fossil fuels is short sighted. Natural gas burns cleaner than coal or #2 heating oil, so there is value in improving the environment by providing the option locally. So my question is this, "How long is the 'bridge'?" What I mean to say is can the experts tell us the anticipated length of time before more sustainable energy resources such as solar and wind will be more readily available from a performance and economic perspective? Given the anticipated 30 year economic life of the proposed project, would this occur within that time?

Thank you.
Frank

On Fri, Aug 14, 2015 at 11:11 AM, Larry Pritchett <larrypritchett.council@gmail.com> wrote:

Morning All,

As you may recall, Energy Committee member Brooks Winner recorded (on screen where folks could see it) the key questions and ideas raised during the May 26th Public Forum. The committee members and staff have used those questions to select participants for and determine the format of the August 19th follow up forum.

What attendees should see next Wednesday evening is each of the invited folk will speak briefly to two or three questions/issues (different for each person and based on each person's area of expertise) identified at the May 26th forum.

Before going to the next speaker/presenter, there will be an opportunity for discussion/debate among the presenters and some follow up from community members. As JimC alluded to in an email yesterday, I suspect the discussion/debate among presenters might prove to be the most informative and engaging part of the evening.

The attached file merges EMI's slides from the May 26th forum with Brook's notes on issues, questions, and ideas raised by the community. In the attached PDF file the comments and questions from the community have been grouped topically. This file is also up on the City's web site. I wanted to be sure Council members had this info.

In short, the City has seven pages of questions raised by and ideas from the community. Next Wednesday is an opportunity to hear folk with decades of experience in the fields of energy, environmental advocacy, and utility regulation discuss those issues and have the community ask follow up questions.

Best,
Larry
594-8806

Melissa A. O'Neal

From: O'Neal, Melissa A. <moneal@preti.com>
Sent: Wednesday, August 19, 2015 12:48
To: Larry Pritchett
Subject: RE: Tony

Have a great day!

M

Melissa A. O'Neal
Special Projects Coordinator
PretiFlaherty

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Wednesday, August 19, 2015 12:45 PM
To: O'Neal, Melissa A.
Subject: RE: Tony

Thanks Missy. I was about to call to check in!

LP

From: O'Neal, Melissa A. [<mailto:moneal@preti.com>]
Sent: Wednesday, August 19, 2015 12:25
To: larrypritchett.council@gmail.com
Subject: Tony

Hi Larry. Just wanted to touch base to let you know that Tony will not be doing any slides. He will see you this evening! Thanks.

Missy

Melissa A. O'Neal
Special Projects Coordinator
207.791.3198 Tel
207.649.7252 Cell
moneal@preti.com
[LinkedIn](#) | [Twitter](#) | [preti.com](#)

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Audra Caler-Bell

From: Audra Caler-Bell <abell@ci.rockland.me.us>
Sent: Wednesday, August 19, 2015 14:00
To: Brooks Winner
Cc: Larry Pritchett
Subject: Re: Energy Forum > Questions > Cards, Pencils, Hat etc.

I'll print these out.
Audra

Sent from my iPhone

On Aug 19, 2015, at 11:01 AM, Brooks Winner <bwinner@islandinstitute.org> wrote:

I won't be able to print those at the office. Audra, do you think you could put those together?
Committee members are:

- Brooks Winner
- Larry Pritchett
- Tony Coyne
- Deb Donnelly
- Bill Pearce

Brooks Winner
Community Energy Associate
Island Institute
207.594.9209 x 148
207.358.0219 cell
www.islandinstitute.org
[@brookswinner2](#) | [LinkedIn](#)

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Wednesday, August 19, 2015 10:32 AM
To: Brooks Winner <bwinner@islandinstitute.org>
Subject: RE: Energy Forum > Questions > Cards, Pencils, Hat etc.

Your list sounds perfect.

If it is easy, do the name cards. And, if it is easy, do name cards for Energy Committee members (person's name over committee name)

Thanks!

From: Brooks Winner [<mailto:bwinner@islandinstitute.org>]
Sent: Wednesday, August 19, 2015 10:25
To: Larry Pritchett
Cc: 'Audra Bell'
Subject: RE: Energy Forum > Questions > Cards, Pencils, Hat etc.

Hi Larry,

I have quarter sheets, a box of golf pencils and a couple of boxes that the energy committee members can use to collect questions. I think that should cover us, but let me know if you think we need anything else.

Think it's worth having name cards for the panelists?

Brooks Winner

Community Energy Associate

Island Institute

207.594.9209 x 148

207.358.0219 cell

www.islandinstitute.org

[@brookswinner2](#) | [LinkedIn](#)

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]

Sent: Wednesday, August 19, 2015 8:27 AM

To: Brooks Winner <bwinner@islandinstitute.org>

Cc: 'Audra Bell' <abell@ci.rockland.me.us>

Subject: Energy Forum > Questions > Cards, Pencils, Hat etc.

Hi Brooks,

Just wanted to double check if you were going to pull together all of the pieces for this part of the forum (note cards or half (or quarter sheets) of paper, maybe some pencils or pens, two or three hats or bowls or boxes to collect them in, etc.) for this evening?

I came away from our meeting on Monday with the impression that you would pull together all of the pieces for this, but wanted to double check to be sure I was not mentally "volunteering" you for more than you intended ;-)

Thanks!

Larry

Brooks Winner

From: Brooks Winner <bwinner@islandinstitute.org>
Sent: Wednesday, August 19, 2015 15:29
To: Larry Pritchett
Subject: RE: Are you bringnging your laptop?

Will do.

Brooks Winner
Community Energy Associate
Island Institute
207.594.9209 x 148
207.358.0219 cell
www.islandinstitute.org
[@brookswinner2](#) | [LinkedIn](#)

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Wednesday, August 19, 2015 3:26 PM
To: Brooks Winner <bwinner@islandinstitute.org>
Subject: Are you bringnging your laptop?

We may want to run the projector off of it and compile all slides to it

Larry Pritchett

From: Larry Pritchett <larrypritchett.council@gmail.com>
Sent: Wednesday, August 19, 2015 17:51
To: 'Brooks Winner'
Subject: FW: Rockland > Are you going to use slides?
Attachments: Rockland presentation 8 19 15.pdf

[FOAA Note:](#)

[CLF Slides Are On The City's Web Site With Materials From The 8/19 Forum](#)

From: Greg Cunningham [<mailto:GCunningham@clf.org>]
Sent: Wednesday, August 19, 2015 16:25
To: Larry Pritchett
Subject: RE: Rockland > Are you going to use slides?

Here you go Larry.

Greg Cunningham

Conservation Law Foundation
P: 207-210-6439
C: 207-329-9161
E: gcunningham@clf.org

For a thriving New England

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Wednesday, August 19, 2015 2:54 PM
To: Greg Cunningham
Subject: Rockland > Are you going to use slides?

Hey Greg,

Safe travels. If you see this, could you shoot me a note as to whether you are going to use slides?

Thanks,
Larry



City Of Rockland

Community Forum
**Combined Heat & Power, District Energy, And Natural Gas
Would This Benefit Rockland?**
6:30 PM Wednesday August 19th
Council Chambers At Rockland City Hall

District Energy, Combined Heat & Power (CHP): How does all of this work?

Katherine Everett: Mechanical Division Team Co-Leader SMRT

Opening Comments/Presentation (10 Minutes)

- (1) What is combined heat and power?
- (2) What are the key design aspects of a high efficiency, low emissions CHP facility?
- (3) What is District Energy?
- (4) Does the City's Industrial Park and the Tillson Waterfront Area have characteristics that suggest district energy is a concept to explore?
- (5) Universities and cities utilize CHP & District Energy to reduce greenhouse gases. What would determine whether a local facility adds to or reduces greenhouse gas emissions?

Questions & Discussion (20 Minutes)

Questions from moderator, other panelists and submitted from audience

Electricity, Natural Gas, & Long Term Contracts: What is in Maine residents' interest?

Tim Schneider: Office of the Public Advocate (OPA)

Opening Comments/Presentation (10 Minutes)

- (1) What is the current mix of energy sources used to generate electricity in Maine?
- (2) Does Maine need additional generation capacity?
- (3) What are the local grid constraints in the Rockland area?
Is additional local generation needed or beneficial here?
- (4) In both Maine and Rockland is it currently possible that by only using renewable energy sources consumers can still have access to power that is affordable?
- (5) How does OPA typically review (& historically the PUC) whether a contract for long term power meets the state's policy objectives and is fiscally in consumer's interest?
- (6) What role would the Public Utilities Commission (PUC) play in reviewing a natural gas distribution lateral (or extension) into Rockland from Windsor or Searsmont?

Questions & Discussion (20 Minutes)

Questions from moderator, other panelists and submitted from audience

Energy Costs, Natural Gas & Specialty Manufacturing: Can Rockland Stay Competitive?

Anthony Buxton: Chair of Preti Flaherty's Energy and Utilities Law Practice

Opening Comments/Presentation (10 Minutes)

- (1) Balance between energy efficiency and new sources in 2013 Energy Bill
- (2) What role does natural gas play in the determining the price of electricity?
- (3) Manufacturing is very important in Rockland. Can Rockland's industrial energy users be sustainable using renewable energy or is some mix of natural gas essential?
If natural gas is arguably essential short term, for how long would it be needed?
- (4) How would the availability of natural gas in the Rockland area potentially impact the area's economic sustainability: Net positive? Net negative? Not a significant factor?

Questions & Discussion (20 Minutes)

Questions from moderator, other panelists and submitted from audience

Air Emissions, Climate Change & Natural Gas: What is a Viable Transition?

Greg Cunningham: Conservation Law Foundation's Clean Energy and Climate Change Program

Opening Comments/Presentation (10 Minutes)

- (1) What air emissions are typically associated with a natural gas powered generation facility?
- (2) What type of review (on both the PUC/Energy side and the DEP/Air Emissions side) occurs at the state level?
- (3) How would CLF view this if the project was heavily replacing existing local sources (i.e., through the District Energy system or micro grid) vs being a new source?
- (4) What are the key points CLF looks at when considering a natural gas related project?

Questions & Discussion (20 Minutes)

Questions from moderator, other panelists and submitted from audience

Possible Closing Questions For All Panelists

- (1) What are important questions or conversations a community like Rockland should have around expanding a natural gas distribution lateral to Rockland and hosting a natural gas powered CHP plant? What type of debate is constructive?
- (2) What are examples of CHP/District Energy the community should look to as comparisons for a possible project in Rockland?
- (3) What are the opportunities for citizens and community to follow and engage in the review of a project before the DEP and PUC? How would you recommend a community and individuals participate?

Submitting Questions To Panelists

To maximize the number of questions discussed, cards on which to submit questions are on all the seats. Write down a question (one, or one and follow-up) on a card. Raise your hand with the card and a member of the Energy Committee will collect questions throughout the evening.

Frank Isganitis

From: Frank Isganitis <frankisganitis@gmail.com>
Sent: Thursday, August 20, 2015 06:50
To: Wil Clayton
Cc: Louise MacLellan-Ruf; Larry Pritchett; Valli Geiger; James D Chaousis II; Audra Bell
Subject: Re: 8/19 Forum > Comments

Have to echo Will's statement. I tuned in around 8:45pm was really impressed with how well the debate was going. It seemed very balanced and even. Great job!

On Aug 20, 2015 5:17 AM, "William Clayton" <williamclayton79@gmail.com> wrote:

Good morning Larry,
First of all congratulations and great job last night. I think it went brilliantly. For any negativity levelled about public comment it is unwarranted. Last night was about getting detailed information and answers from the leaders in the industry and not trying to railroad them as they dont have a quantifiable stake in EMI's bid. I think the next public forum on this could be open for public comment, but not last night. We will be on the island until Sunday but I will try and send along my comments and further questions to you for the Energy Committee's consumption and thought.
Once again great job!

Will

On Aug 20, 2015 1:15 AM, "Larry Pritchett" wrote:

Hi All,

Please get back to me with any comments and thoughts you had on last evening's forum so I can pass them on to the Energy Committee. Obviously there was criticism after the meeting about the decision to use cards for public comment.

But, so far, the majority of the comments I have heard have been positive about that approach - - at least for a forum with the goals this one had. There will be other opportunities for the public to express opinions. The Energy Committee would welcome comments on the substance of the questions and issues the EMI proposal raises.

Brooks and I (and other staff from the Island Institute along with the Vinalhaven Town Manager, who is a former Island Institute staffer) debated the questions raised until pretty late (note the time on this email). Whether you were in the audience, or watching at home, send me an email or give me a call with you take away points.

My take away points are all of the panelist did a pretty good job of their assigned tasks. I think the panel did a good job of laying out the complexity of the questions raised by the EMI proposal. I also think all the panelist did a pretty good job of beginning to establish a lists of point by which the community should judge the proposal.

I probably should have done a little better job of reigning in the panelists' more geeky leanings (until we

were all seated, I did not think about how high the geek factor actually was). It is rare for the City to put out that much info on a really challenging and complex topic. I will be interested to see what the press does with that.

I am sure there are some lessons to be gleaned (for equally complex issues like Lindsey Brook, stormwater management, etc.). I have attached the agenda handout for folks who were not in attendance. If anyone wants a copy of the "Panelist Agenda" which contains more info, let me know.

Many Thanks!

Larry

594-8806

Frank Isganitis

From: Frank Isganitis <frankisganitis@gmail.com>
Sent: Thursday, August 20, 2015 11:48
To: Phyllis Merriam
Cc: James D Chaousis II; LarryPritchett.Council; Louise MacLellan-Ruf; William Clayton; Valli.citycouncil@gmail.com; Audra Bell
Subject: Re: Community Forum on CHP, District Energy & Natural Gas 8.19.2015

Thank you for sharing your thoughts. I share your reservations along with your suggestion. Councilor Geiger has pointed out that it's not uncommon for a municipality to select an attorney of their preference with the developer bearing the cost. Certainly, Rockland residents should not.

Best,
Frank Isganitis

On Thu, Aug 20, 2015 at 10:29 AM, Phyllis Merriam <pbamerriam@gmail.com> wrote:
Thank you so much for providing the community forum last evening on this critical topic for Rockland's future and especially to Larry Pritchett and the energy committee for putting together the diverse panel.

Rockland residents had the benefit of transparency compared to the first forum on this topic.

I personally have arrived at some serious reservations about the carbon pollution a huge EMI plant would emit. It also does not seem like a 21st Century solution to our city's energy needs. We as residents, and as elected officials, need to do judicious planning more than 20 to 30 years out to consider the next two and three generations, who are already here, and will be impacted positively or negatively from our and your legacies.

I am hoping the city can find the funding to hire a qualified attorney who can accurately vet EMI's proposal, as was recommended last evening. Are there grants available? Can residents and businesses contribute to a fund?

In appreciation,
Phyllis Merriam, LCSW
72 Mechanic St.
Rockland, ME

Audra Caler-Bell

From: Audra Bell <abell@ci.rockland.me.us>
Sent: Thursday, August 20, 2015 16:43
To: 'Larry Pritchett'
Subject: RE: 8/19 Forum > Comments

Hi Larry,

I think last night went incredibly well. The entire Energy Committee should be very proud: You did an excellent job moderating, Brooks did a great job clarifying points and needed and sorting through questions and the rest of the Energy Committee was very diligent in collecting questions and showing that this was a real term effort.

I've had a lot of positive feedback. I also think anyone who truly listened came away with the realization that energy policy is complex and not black and white.

Congratulations on a job well done,
Audra

From: Larry Pritchett
Sent: Thursday, August 20, 2015 1:16 AM
To: Frank Isganitis ; jchaousis@ci.rockland.me.us
Cc: Will Clayton ; Lousie MacLellan-Ruf ; 'Valli Geiger'; 'Audra Bell'
Subject: 8/19 Forum > Comments

Hi All,

Please get back to me with any comments and thoughts you had on last evening's forum so I can pass them on to the Energy Committee. Obviously there was criticism after the meeting about the decision to use cards for public comment.

But, so far, the majority of the comments I have heard have been positive about that approach - - at least for a forum with the goals this one had. There will be other opportunities for the public to express opinions. The Energy Committee would welcome comments on the substance of the questions and issues the EMI proposal raises.

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I probably should have done a little better job of reigning in the panelists' more geeky leanings (until we were all seated, I did not think about how high the geek factor actually was). It is rare for the City to put out that much info on a really challenging and complex topic. I will be interested to see what the press does with that.

I am sure there are some lessons to be gleaned (for equally complex issues like Lindsey Brook, stormwater management, etc.). I have attached the agenda handout for folks who were not in attendance. If anyone wants a

copy of the "Panelist Agenda" which contains more info, let me know.

Many Thanks!

Larry

594-8806

Jim Chaousis

From: James D Chaousis II <jchaousis@ci.rockland.me.us>
Sent: Thursday, August 20, 2015 17:57
To: Larry Pritchett
Subject: Fwd: Energy Forum is online now

FYI

Jim C

Sent from my iPhone

Begin forwarded message:

From: Dan Burgess <dmb1855@gmail.com>
Date: August 20, 2015 at 4:02:48 PM EDT
To: Jim Chaousis <jchaousis@ci.rockland.me.us>
Subject: Energy Forum is online now

Larry Pritchett

From: Larry Pritchett <larrypritchett.council@gmail.com>
Sent: Thursday, August 20, 2015 18:55
To: 'Lynda Clancy'
Subject: RE: EMI plant renderings
Attachments: 2013_03.01_EERE_Oak_Ride_ICF_CHP_Resiliency.pdf

Note Attachment Available Online At:

Lynda, http://www1.eere.energy.gov/manufacturing/distributedenergy/pdfs/chp_critical_facilities.pdf

Attached is an interesting report on CHP, District Energy and resiliency. I think this gets at one of your questions. Meant to send this to you.

Larry

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Thursday, August 20, 2015 18:34
To: 'Lynda Clancy'
Subject: RE: EMI plant renderings

Hi Lynda,

I have no idea whether the facility referenced was partially an EMI project.

Let me see if I can quickly find a pic of a 40 MW to 70 MW combined cycle CHP facility that you could use (or link to).

This link gets you to an EPA graphic (& a link to an higher resolution version) of a gas turbine CHP

<http://www.epa.gov/chp/basic/index.html>

Larry

From: Lynda Clancy [<mailto:lyndaclancy@penbaypilot.com>]
Sent: Thursday, August 20, 2015 16:29
To: Larry Pritchett
Subject: EMI plant renderings

Hi Larry.

Are there any graphics associated with what EMI's plant might look like.

I see in the May forum notes that the Rockland plant would resemble a Darmouth, Mass., plant.

Would it be this plant?

http://www.conticorp.com/client/projects/dartmouth_power

Thanks.

-- Lynda

Lynda Clancy
Editorial Director
Penobscot Bay Pilot
P.O. Box 886
Camden, ME 04856

207-706-6657

www.penbaypilot.com

<https://www.facebook.com/penbaypilot>

Larry Pritchett

From: Larry Pritchett <larrypritchett.council@gmail.com>
Sent: Thursday, August 20, 2015 22:11
To: 'Juliette Laaka'
Subject: Rockland > CHP/District Energy > Forum > Panelists > Slides
Attachments: 2015_08.19_SMRT_Everett_CHP_District_Energy_Forum_Slides_Notes.pdf; 2015_08.19_CLF_Cunningham_CHP_Energy_Forum.pdf

Hi Juliet,

PenBay Pilot asked for the panelists slides. SMRT and CLF are attached. I'll have the Public Advocate's tomorrow. Note that in the SMRT PDF the panelist's notes (where there were any) are included on the page following the slide. The video is up online as well.

Larry
594-8806

Larry Pritchett

From: Larry Pritchett <larrypritchett.council@gmail.com>
Sent: Friday, August 21, 2015 10:13
To: 'Andy O'Brien'
Subject: RE: Quick question

Hi Andy,

If you want another reference on CHP (& more examples) check out this report on the Natural Resources Defense Council's (NRDC) web site

<http://www.nrdc.org/energy/files/combined-heat-power-ip.pdf>

LP

From: aobrienfreepress@gmail.com [<mailto:aobrienfreepress@gmail.com>] **On Behalf Of** Andy O'Brien
Sent: Friday, August 21, 2015 09:46
To: Larry Pritchett
Subject: Re: Quick question

Thanks Larry!

On Thu, Aug 20, 2015 at 9:53 PM, Larry Pritchett <larrypritchett.council@gmail.com> wrote:

Hi Andy,

Pilot asked for panelist slides. I don't have Tim's on my laptop (I'll get it tomorrow).

Kate's and Greg's are attached. Kate's include her notes on the page following the slide.

Larry

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Thursday, August 20, 2015 11:21
To: 'Andy O'Brien'
Subject: RE: Quick question

Copy of Agenda attached. Link to Kate's bio is below

<http://www.smrtinc.com/leadership/katherine-everett-pe-leed-ap>

From: aobrienfreepress@gmail.com [<mailto:aobrienfreepress@gmail.com>] **On Behalf Of** Andy O'Brien
Sent: Thursday, August 20, 2015 11:16

To: Larry Pritchett
Subject: Quick question

Hi Larry,

What was the name of the woman who was the registered professional engineer who spoke last night?

- Andy

--

Free Press
8 North Main Street, Suite 101
Rockland, ME 04841
(O) 207 596-0055

(C) 207-542-4728

--

Free Press
8 North Main Street, Suite 101
Rockland, ME 04841
(O) 207 596-0055
(C) 207-542-4728

Louise MacLellan-Ruf

From: Louise MacLellan-Ruf <louisemaclellanruf@gmail.com>
Sent: Friday, August 21, 2015 13:23
To: Jim Chaousis
Cc: Audra Bell; Frank Isganitis; Larry Pritchett; William Clayton
Subject: Re: Kathleen Florance statement on Evans Coleman

So you're the reason I missed the sale of Peanuts at Hannaford's. No flyer.

On Friday, August 21, 2015, Jim Chaousis <jchaousis@ci.rockland.me.us> wrote:

To all,

The City is familiar with Evan's intern work with single stream recycling when he was in college.

Full disclosure, I left some papers undelivered when I had a paper route.

Jim C

From: Louise MacLellan-Ruf [mailto:louisemaclellanruf@gmail.com]
Sent: Friday, August 21, 2015 8:23 AM
To: James D Chaousis II <jchaousis@ci.rockland.me.us>; Audra Bell <abell@ci.rockland.me.us>; Frank Isganitis <frankisganitis@gmail.com>; Larry Pritchett <LarryPritchett.Council@gmail.com>; William Clayton <williamclayton79@gmail.com>
Subject: Fwd: Kathleen Florance statement on Evans Coleman

Good morning,

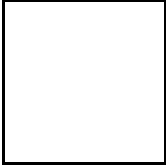
----- Forwarded message -----

From: Debby <parthedy@gmail.com>
Date: Friday, August 21, 2015
Subject: Fwd: Kathleen Florance statement on Evans Coleman
To: Valli Geiger <Valli@midcoast.com>, Louise MacLellan-Ruf <louisemaclellanruf@gmail.com>

Sent from my iPhone

Begin forwarded message:

From: "Sandra Schramm" <sschramm1@roadrunner.com>
Date: August 20, 2015 at 7:52:27 PM EDT
To: <Undisclosed-Recipient:>
Subject: Kathleen Florance statement on Evans Coleman



Kathy Florance is a highly respected nurse and artist locally.

Kathleen Florance

August 17 at 10:00pm · BDN Maine Blogs ·

I am sending this out to all of you to take note....this fellow, Evan Coleman, was THE "Flim-Flam" man who sold us a HUGE bill of goods for a "supposed" recycling program at PBMC a few years ago!!!! What he promised and what he delivered were two entirely different animals!! He nearly ruined all of the recycling efforts we had worked so

hard for - I would NOT trust ANYTHING
he has to say!!

Maggie Trout

From: Maggie Trout <pegtrout2001@yahoo.com>
Sent: Friday, August 21, 2015 17:47
To: Larry Pritchett
Subject: Okay, then. Thank you.

1

From: Larry Pritchett <larrypritchett.council@gmail.com>
To: 'Maggie Trout' <pegtrout2001@yahoo.com>
Sent: Friday, August 21, 2015 5:37 PM
Subject: RE: Cogeneration panelists. A direct question. No hidden agenda. Did any panelist receive payment...

No. None of the panelist received payment from the City for being part of the forum.

LP

-

From: Maggie Trout [<mailto:pegtrout2001@yahoo.com>]
Sent: Friday, August 21, 2015 11:52
To: Larry Pritchett
Subject: Cogeneration panelists. A direct question. No hidden agenda. Did any panelist receive payment...

for participating, and, if so, who, how much, and from what fund, please.
Thank you. Maggie Trout

Maggie Trout

From: Maggie Trout <pegtrout2001@yahoo.com>
Sent: Saturday, August 22, 2015 22:38
To: Larry Pritchett
Subject: Thank you, again. I hadn't thought that they were. I appreciate receiving the confirmation. M. Trout

From: Larry Pritchett <larrypritchett.council@gmail.com>
To: 'Maggie Trout' <pegtrout2001@yahoo.com>
Sent: Saturday, August 22, 2015 10:30 PM
Subject: RE: Full clearance - did any receive payment from any other sources. Thank you.

Hi Maggie,

When I responded to your earlier email, I meant "No, the panelist were not paid by the City nor was any third party paying for the panelist to participate." So, based on all that I know, that is "no" on all counts.

In terms of the Public Advocate and Conservation Law Foundation, it is a part of each's job to do public events/community forums. Neither would have accepted payment (from the City or anyone else). For SMRT and Preti Falherty, it was a limited amount of pro bono work.

Larry

-

From: Maggie Trout [<mailto:pegtrout2001@yahoo.com>]
Sent: Friday, August 21, 2015 17:48
To: Larry Pritchett
Subject: Full clearance - did any receive payment from any other sources. Thank you.

Larry Pritchett

From: Larry Pritchett <larrypritchett.council@gmail.com>
Sent: Monday, August 24, 2015 09:36
To: 'Andy O'Brien'
Subject: RE: REC proposal
Attachments: 2009_04.07_Maritimes_Northeast_Pipeline_Spectra_Energy_Map.pdf

The only two connections are the Searsmont compressor station and the Windsor gate.

Adding a new gate would be highly unlikely and no one connected to the project has suggested it.

Pipeline map is attached.

Larry

From: aobrienfreepress@gmail.com [mailto:aobrienfreepress@gmail.com] **On Behalf Of** Andy O'Brien
Sent: Monday, August 24, 2015 09:18
To: Larry Pritchett
Subject: Re: REC proposal

Yeah, that's an error. I don't think anyone has suggested Searsmont as far as I know though have they? I just heard at the forum it said that there's a compressor station there

On Mon, Aug 24, 2015 at 9:14 AM, Larry Pritchett <larrypritchett.council@gmail.com> wrote:

I wrote the Courier last week asking if anyone had said Searsport at the forum and asking if the Courier meant "Searsmont" rather than Searsport.

I did not hear anyone say "Searsport" last Wednesday and Evan did not say anything about Seasport at the 5/26 forum, he said "Searsmont."

I have not gotten a response back from the Courier. I just spoke with Audra.

The connections that have been considered are Searsmont & Windsor.

The Searsport reference is definitely an error.

Larry

From: aobrienfreepress@gmail.com [mailto:aobrienfreepress@gmail.com] **On Behalf Of** Andy O'Brien
Sent: Monday, August 24, 2015 08:51

To: Larry Pritchett
Subject: Re: REC proposal

Thanks Larry. I was wondering where the pipeline reference came from. In the last article the Courier wrote that it would come from Searsport.

On Mon, Aug 24, 2015 at 8:46 AM, Larry Pritchett <larrypritchett.council@gmail.com> wrote:

Hi Andy,

After you emailed me, I searched the Courier web site and found the article. There are a few points in that article for which I have no idea what the source is. There is one piece of that article, which the Courier has repeated, about a pipeline running from Windsor up to Searsmont and then down to Rockland that I believe to be false.

The City asked the Courier to correct that part (to the best of my knowledge the correct statement would have been "from either Searsmont or Windsor down to Rockland"), but the Courier never did.

The Maritimes and Northeast pipeline already runs from Windsor through Searsmont. Given what is publically know I cannot think of any reason (nor can anyone I know in the energy business) for running an additional line from Windsor to Searsmont (to serve this project or for any purpose).

Evan said at the 5/26 the gas would mostly come down the PNGTS line and then up the Maritimes and Northeast (assuming current plans to reverse flow on the M&N US proceeds ahead as proposed). But the specifics about the Dawn Hub were not mentioned on 5/26.

Best,
Larry

From: aobrienfreepress@gmail.com [mailto:aobrienfreepress@gmail.com] **On Behalf Of** Andy O'Brien
Sent: Monday, August 24, 2015 08:11

To: Larry Pritchett
Subject: Re: REC proposal

Thanks, Larry. The article I referenced is this one: <http://knox.villagesoup.com/p/what-a-proposed-natural-gas-power-plant-would-mean-for-rockland/1349417?cid=1995481>

Most of this information I have but those few bits, I'm not sure where it came from.

On Sat, Aug 22, 2015 at 10:06 PM, Larry Pritchett <larrypritchett.council@gmail.com> wrote:

Hi Andy,

The document I sent you is the oldest piece of paper (actually PDF) I have from EMI. As you may remember I was working in New Mexico (River Network) at the time of the May 1 Council vote (and for most of a week before that).

It may that EMI gave out something at that 5/1 meeting which I do not have. The minutes from that meeting are online (Clerk's Office). The quoted text in your email almost sounds more like a verbal quote than text from a proposal. That quote is largely consistent with what I have heard.

But, I don't think I have anything in writing saying that. What is the date on the Courier article? I'll double check to see if I might have something in an email that I forgotten about. Because "Rec" is often used to refer to the Rec Center, I occasionally assume the wrong topic from a subject line.

Larry

From: aobrienfreepress@gmail.com [mailto:aobrienfreepress@gmail.com] **On Behalf Of** Andy O'Brien
Sent: Saturday, August 22, 2015 21:09
To: Larry Pritchett
Subject: Re: REC proposal

Thanks. Is that the original proposal? There's reference to a proposal in the Courier a few months back, which is not covered in the slides:

"EMI states in its proposal that facilities dependent on Trans Zone 6 and Algonquin pipelines are subject to New England Gas index price spikes, but that this will not be a problem for Rockland Energy Center because the company it is negotiating with will provide "100 percent firm pipeline capacity on Maritimes and Northeast Pipeline back through TransCanada to the Dawn." The Dawn Hub is the second largest natural gas trading hub in North America and the largest in Canada with more than 157 billion cubic feet capacity. It does not experience price spikes of New England gas indexes."

On Sat, Aug 22, 2015 at 8:17 PM, Larry Pritchett <larrypritchett.council@gmail.com> wrote:

Hi Andy,

EMI's original Rockland Energy Center handout from back in late May is included (page 2) in the slides (EMI/Coleman) and meeting notes (Energy Committee/Brooks) PDF from the May 26th forum. This PDF is on both the City web site and on my website (www.pritchett4rockland.me) so anyone interested can review or download.

I did not mean by that you should have looked there first. Glad to answer when I have the info. PDF copy is attached. Just wanted to let you know that the info I have is publically available.

Best,
Larry

From: aobrienfreepress@gmail.com [mailto:aobrienfreepress@gmail.com] **On Behalf Of** Andy O'Brien
Sent: Saturday, August 22, 2015 17:56
To: Larry Pritchett
Subject: REC proposal

Hi Larry,

I seem to have misplaced REC's original proposal. Do you have a copy? Also, REC has not responded to any of my calls or emails, which apparently is a pattern with other local reporters as well. Don't know if this is strategy, but it only leads to speculation, which makes it difficult to relay accurate information to the public.

- Andy

--

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8 North Main Street, Suite 101
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8 North Main Street, Suite 101
Rockland, ME 04841
(O) 207 596-0055

Larry Pritchett

From: Larry Pritchett <larrypritchett.council@gmail.com>
Sent: Monday, August 24, 2015 10:25
To: 'Juliette Laaka'
Cc: Dan Dunkle
Subject: RE: Rockland > CHP > District Energy
Attachments: 2009_04.07_Maritimes_Northeast_Pipeline_Spectra_Energy_Map.pdf

Hi Juliette,

Having been asked questions about the article over the weekend and gone back to look, there are two errors in it. One is the point I raised below. There are no discussions of which anyone connected to this project is aware to bring natural gas down from Searsport.

The correct reference is "Searsmont." The only two places that have been considered (now or in the past) as the starting point for a natural gas distribution lateral into Rockland are the Searsmont Compressor Station and the Windsor Gate (see attached map).

Also the reference to "2014" in terms of long term contracts should have been 2015. The PUC had RFP for long term contracts open from February 2nd 2015 through May 1st 2015 (see link <http://www.maine.gov/mpuc/electricity/rfps/longterm2015/longterm2015.html>).

Don't know if the Courier plans to run this in the print addition, but I wanted to flag these since both contributed to confusion about the possible project and are incorrect as posted online. That said, a lot of concepts and details were discussed Wednesday and Courier got most of them right.

Nice job,
Larry

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Friday, August 21, 2015 11:11
To: 'Juliette Laaka'
Subject: Rockland > CHP > District Energy

Hi Juliette,

I just read the Village Soup Article. I only saw one possible error (or at least a question). I have never heard anyone talk about bringing gas down from Searsport to Rockland. Did someone say that in the forum? Or do you have another source?

The two places that have usually been referenced as possible places to tie in a distribution lateral is the Searsmont Compressor Station or the Windsor Gate near the Windsor fairgrounds (which is where the new connection to east Augusta was made).

It looks like the existing Maritimes and Northeast Pipeline runs through the northern most corner of Searsmont, but I do not recall any discussions of a connection there. But, I may have missed (or forgotten) something.

Larry

Lynda Clancy

From: Lynda Clancy <lyndaclancy@penbaypilot.com>
Sent: Monday, August 24, 2015 14:29
To: Larry Pritchett
Subject: Re: Power Point slides for Pen Bay Pilot

And here is

<https://www.penbaypilot.com/article/rockland-urged-do-homework-proposed-congeneration-plant/58034>

Lynda Clancy
Editorial Director
Penobscot Bay Pilot
P.O. Box 886
Camden, ME 04856

207-706-6657

www.penbaypilot.com
<https://www.facebook.com/penbaypilot>

On Aug 24, 2015, at 2:02 PM, "Larry Pritchett" <larrypritchett.council@gmail.com> wrote:

Hi Lynda,

There were two errors in the Courier article. Andy at the Free Press (& some members of the public) asked me about them. The Courier has since revised. (1) A distribution lateral from the Maritimes & Northeast Pipeline would come from Searsmont (with Windsor as a second option). The Courier incorrectly reported Searsport.

(2) The PUC's most recent RFP for long term contracts was open from February 2nd 2015 through May 1st 2015. The Courier initially reported the RFP was open from February 2014 through May of 2015 (see link<http://www.maine.gov/mpuc/electricity/rfps/longterm2015/longterm2015.html>).

I think you told me once that you did not read other media outlets' stories until you had written your own. And, it may that somewhere over the two and a half hour forum someone just got it wrong (although I did not hear either error when I listened to much of the audio).

Best,
Larry

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Monday, August 24, 2015 13:21
To: 'Lynda Clancy'
Subject: RE: Power Point slides for Pen Bay Pilot

If you use the link below, it should stay current

<https://rocklandmainemeetings.wordpress.com/2015/08/>

From: Lynda Clancy [mailto:lyndaclancy@[penbaypilot.com](mailto:lyndaclancy@penbaypilot.com)]

Sent: Monday, August 24, 2015 13:09

To: Larry Pritchett

Subject: Re: Power Point slides for Pen Bay Pilot

Larry,

I am posting a story soon about the forum, but just wonder if a video of the evening exists online, to which I can link?

Thanks,

-- Lynda

Lynda Clancy
Editorial Director
Penobscot Bay Pilot
P.O. Box 886
Camden, ME 04856

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www.penbaypilot.com

<https://www.facebook.com/penbaypilot>

On Aug 20, 2015, at 8:09 PM, Larry Pritchett <LarryPritchett.Council@GMail.Com> wrote:

Hi Sarah,

I have not checked, but I have an email saying the forum is online. I meant to get the PDF's on the web site.

I have attached Kate's and Greg's. I do not have Tim's. I will get Brooks to send them over.

Larry

From: Sarah Thompson [mailto:sarah412pen@[gmail.com](mailto:sarah412pen@gmail.com)]

Sent: Thursday, August 20, 2015 19:36

To: Larry Pritchett

Subject: Power Point slides for Pen Bay Pilot

Hi Larry,

That was a great forum last night.

Any chance you could forward the slides to us? And, is the recording of the forum online?

Thanks,

Sarah Thompson

Penobscot Bay Pilot

<2015_08.19_SMRT_Everett_CHP_District_Energy_Forum.pptx><2015_08.19_CL
F_Cunningham_CHP_Energy_Forum.pdf>

Note:

Both of these attachments are available on the City Website on the page of materials
from the 8/19 Forum

Larry Pritchett

From: Larry Pritchett <larrypritchett.council@gmail.com>
Sent: Tuesday, August 25, 2015 13:58
To: 'Schneider, Tim'
Subject: RE: Rockland > Energy Info > Forum > Possible Dates

That works well for me.

Thanks!

From: Schneider, Tim [mailto:Tim.Schneider@maine.gov]
Sent: Tuesday, August 25, 2015 13:34
To: Larry Pritchett
Subject: RE: Rockland > Energy Info > Forum > Possible Dates

Larry,

Could we talk at 4 PM?

From: Larry Pritchett [mailto:larrypritchett.council@gmail.com]
Sent: Monday, August 24, 2015 5:17 PM
To: Schneider, Tim
Subject: RE: Rockland > Energy Info > Forum > Possible Dates

Hi Tim,

Again, thanks for taking the time to drive down.
Is there a better time for you on Wednesday afternoon?

Here is a link to one story on the forum:

<http://www.penbaypilot.com/article/rockland-urged-do-homework-proposed-congeneration-plant/58034>

Larry

From: Schneider, Tim [mailto:Tim.Schneider@maine.gov]
Sent: Monday, August 24, 2015 17:06
To: Larry Pritchett
Subject: RE: Rockland > Energy Info > Forum > Possible Dates

Larry, got your voicemail from last week. Happy to talk more if you'd like to follow up. I'm free most of Wednesday afternoon if that works for you. Friday morning as well.

Tim

From: Larry Pritchett [mailto:larrypritchett.council@gmail.com]
Sent: Wednesday, August 12, 2015 1:26 PM
To: Schneider, Tim
Subject: RE: Rockland > Energy Info > Forum > Possible Dates

Hi Tim,

Attached is the press release that started running on online publications in the Rockland area yesterday and will be in the weekly print papers this week. I send a list out a little later this week honing in on the questions the City would like you to address in your "presentation" and the questions likely to come in from the public.

The time is 6:30 PM at City Hall (270 Pleasant Street for your GPS, if you have never been there). I have also have attached a PDF of the slides and the notes from the initial May 26th public forum. Dan Kelly from Woodard & Curran will also be joining the forum to speak to more technical aspects.

Thanks!

Larry
594-8806

From: Schneider, Tim [<mailto:Tim.Schneider@maine.gov>]
Sent: Monday, August 10, 2015 09:26
To: Larry Pritchett
Subject: RE: Rockland > Energy Info > Forum > Possible Dates

Thank you Larry. I've added this to my calendar.

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Monday, August 10, 2015 7:55 AM
To: Schneider, Tim
Subject: RE: Rockland > Energy Info > Forum > Possible Dates

Hi Tim,

Hope you had a great location! Just emailing to confirm the Energy Forum in Rockland is scheduled for Wednesday evening 8/19. The City will be getting more info out either end of the day today or tomorrow. Thanks for your patience on this.

Larry

From: Schneider, Tim [<mailto:Tim.Schneider@maine.gov>]
Sent: Friday, July 31, 2015 15:42
To: Larry Pritchett
Subject: RE: Rockland > Energy Info > Forum > Possible Dates

I will not have access to email next week, but that also means I won't become ***unavailable*** between now and then either. If you can, I'd prefer not to do the 20th.

Tim

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Friday, July 31, 2015 12:40 PM
To: Schneider, Tim
Subject: RE: Rockland > Energy Info > Forum > Possible Dates

Hey Tim,

Thanks for your flexibility. I have down as possible dates:

Tuesday 8/11
Thursday 8/13

Tuesday 8/18
Wednesday 8/19
Thursday 8/20

I know at least one of the possible participants is out today. Will you see email if I confirm early next week?
Have a great vacation.

Thanks!
Larry

From: Schneider, Tim [<mailto:Tim.Schneider@maine.gov>]
Sent: Thursday, July 30, 2015 17:31
To: Larry Pritchett
Subject: RE: Rockland > Energy Info > Forum > Possible Dates

Larry,

I am available any of those evenings except the 12th and the 17th.

Tim

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Thursday, July 30, 2015 8:49 AM
To: Schneider, Tim
Subject: RE: Rockland > Energy Info > Forum > Possible Dates

Hi Tim,

I think this is a case of "never try to schedule something in the summer in Maine unless you scheduled it in February." Which evenings are you potentially available in either the 8/11-8/13 (Tuesday through Thursday) time frame or the following week 8/17-8/20 (Monday through Thursday) time frame?

Thanks,
Larry

From: Schneider, Tim [<mailto:Tim.Schneider@maine.gov>]
Sent: Thursday, July 16, 2015 13:25
To: Larry Pritchett
Subject: RE: Rockland > Energy Info > Forum > Possible Dates

I am free all week that week.

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Thursday, July 16, 2015 9:26 AM
To: Schneider, Tim
Subject: RE: Rockland > Energy Info > Forum > Possible Dates

Hi Tim,

One quick check before you get off. Do you have any availability on the evenings of August 10-13?

Thanks,
Larry

From: Schneider, Tim [<mailto:Tim.Schneider@maine.gov>]
Sent: Thursday, July 09, 2015 16:31
To: larrypritchett.council@gmail.com
Subject: RE: Rockland > Energy Info > Forum > Possible Dates

Larry,

I am on vacation out of state all week the week of the first.

Tim Schneider
Public Advocate
Maine Office of the Public Advocate
o: [\(207\) 287-4315](tel:(207)287-4315)
c: [\(207\) 664-3800](tel:(207)664-3800)

---- Original Message ----

From: Larry Pritchett <larrypritchett.council@gmail.com>
Date: July 9, 2015, 4:20 PM EDT
To: Schneider, Tim <Tim.Schneider@maine.gov>
Subject: RE: Rockland > Energy Info > Forum > Possible Dates

Hi Tim,

Since I did not ask specifically, thought I would double check to be sure. It looks like from your email that you might be on vacation, but is Monday 8/1 an option? I would appreciate it if you would continue to hold 7/28 for a little while longer.

Thanks!
Larry

From: Schneider, Tim [<mailto:Tim.Schneider@maine.gov>]
Sent: Thursday, July 02, 2015 09:31
To: Larry Pritchett
Subject: RE: Rockland > Energy Info > Forum > Possible Dates

Larry,

Of the dates you have listed, the only one I can definitely make right now it July 28. I'm on vacation the week before and after. There is a chance I may be able to make the 23rd but all the other dates I have clear conflicts.

My apologies; tough time of year to schedule!

Tim

From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Thursday, July 02, 2015 9:27 AM

To: Schneider, Tim

Subject: Rockland > Energy Info > Forum > Possible Dates

Hi Tim,

Thanks for taking the time to talk yesterday morning. Several folks have suggested to the City that you would likely be good person to have participate. So, I am writing back to check on your availability to come to Rockland for a public forum. The dates under discussion as options are:

Wednesday 7/22 & Thursday 7/23

Monday 7/27 & Tuesday 7/28

Tuesday 8/4, Wednesday 8/5, Thursday 8/6

Start time will probably be 6:30 PM, but the City can vary that between 5:30 PM and 7:00 PM to accommodate folks travel schedule. Let me know which, if any, of these dates work for you.

Many Thanks!

Larry R. Pritchett, Chair

City Of Rockland Energy Committee

Phone: (207) 594-8806

Brooks Winner

From: Brooks Winner <bwinner@islandinstitute.org>
Sent: Tuesday, August 25, 2015 14:20
To: 'larrypritchett.council@gmail.com'; 'Audra Bell'
Subject: RE: OPA > Schneider > Forum > Slides

Hi Larry and Audra,

I just remembered that I left the box of golf pens and a couple of empty boxes at City Hall after the forum. If you're over there and you see them around, would you mind grabbing them for me? I borrowed them from the Island Institute and should return them.

Thanks,
Brooks

Brooks Winner
Community Energy Associate
Island Institute
207.594.9209 x 148
207.358.0219 cell
www.islandinstitute.org
[@brookswinner2](#) | [LinkedIn](#)

From: Brooks Winner
Sent: Monday, August 24, 2015 2:59 PM
To: 'Larry Pritchett' <larrypritchett.council@gmail.com>
Subject: RE: OPA > Schneider > Forum > Slides

Hi Larry,

Here are Tim's slides. I'll work on getting the questions written up and send those over to you.

Brooks Winner
Community Energy Associate
Island Institute
207.594.9209 x 148
207.358.0219 cell
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From: Larry Pritchett [<mailto:larrypritchett.council@gmail.com>]
Sent: Monday, August 24, 2015 1:22 PM
To: Brooks Winner <bwinner@islandinstitute.org>
Subject: OPA > Schneider > Forum > Slides

Hi Brooks,

Could you email me Tim Schneider's slides?

Larry Pritchett

From: Larry Pritchett
Sent: Wednesday, August 26, 2015 15:13
To: 'Jim Chaousis'
Subject: RE: 8/19 Forum > Comments

Thank You!

From: Jim Chaousis [<mailto:jchaousis@ci.rockland.me.us>]
Sent: Wednesday, August 26, 2015 15:07
To: 'Larry Pritchett'
Subject: RE: 8/19 Forum > Comments

We'll get it added to the website.

From: Larry Pritchett
Sent: Wednesday, August 26, 2015 2:55 PM
To: Frank Isganitis <frankisganitis@gmail.com>; jchaousis@ci.rockland.me.us
Cc: Will Clayton <williamclayton79@gmail.com>; Lousie MacLellan-Ruf <louisemaclellanruf@gmail.com>; 'Valli Geiger' <valli.citycouncil@gmail.com>; 'Audra Bell' <abell@ci.rockland.me.us>
Subject: RE: 8/19 Forum > Comments

Hi All,

I missed that the Pen Bay Pilot put up a story about the last week's energy forum on Monday. I knew the Pilot was working on a story, but I forgot about it. The link to the story is below. I am pretty sure the Free Press will have a story in this week's edition as well. I had previously emailed Kate and Greg's slides. Tim's are attached.

Larry

<http://www.penbaypilot.com/article/rockland-urged-do-homework-proposed-cogeneration-plant/58034>

From: Larry Pritchett
Sent: Thursday, August 20, 2015 01:16
To: Frank Isganitis (frankisganitis@gmail.com); 'jchaousis@ci.rockland.me.us'
Cc: Will Clayton (williamclayton79@gmail.com); Lousie MacLellan-Ruf (louisemaclellanruf@gmail.com); 'Valli Geiger'; 'Audra Bell'
Subject: 8/19 Forum > Comments

Hi All,

Please get back to me with any comments and thoughts you had on last evening's forum so I can pass them on to the Energy Committee. Obviously there was criticism after the meeting about the decision to use cards for public comment.

But, so far, the majority of the comments I have heard have been positive about that approach - - at least for a forum with the goals this one had. There will be other opportunities for the public to express opinions. The Energy Committee would welcome comments on the substance of the questions and issues the EMI proposal raises.

Brooks and I (and other staff from the Island Institute along with the Vinalhaven Town Manager, who is a former Island Institute staffer) debated the questions raised until pretty late (note the time on this email). Whether you were in the audience, or watching at home, send me an email or give me a call with you take away points.

My take away points are all of the panelist did a pretty good job of their assigned tasks. I think the panel did a good job of laying out the complexity of the questions raised by the EMI proposal. I also think all the panelist did a pretty good job of beginning to establish a lists of point by which the community should judge the proposal.

I probably should have done a little better job of reigning in the panelists' more geeky leanings (until we were all seated, I did not think about how high the geek factor actually was). It is rare for the City to put out that much info on a really challenging and complex topic. I will be interested to see what the press does with that.

I am sure there are some lessons to be gleaned (for equally complex issues like Lindsey Brook, stormwater management, etc.). I have attached the agenda handout for folks who were not in attendance. If anyone wants a copy of the "Panelist Agenda" which contains more info, let me know.

Many Thanks!

Larry

594-8806

Kathryn Fogg

From: Kathryn Fogg <iringa67@yahoo.com>
Sent: Saturday, August 29, 2015 20:43
To: Larry Pritchett; Frank Isganitis; Louse MaclellanRuf; Valli Geiger; Will Clayton
Cc: James Chaousis; Stuart Sylvester; Kevin Beal; John Root
Subject: EMI and Rockland

Until our recent forum on the matter, I was neutral on the subject other than not liking it to be at the entrance to the City. Since the forum, I have turned against the project. The length of use of such a facility is too short to inflict such a scar on the City's landscape.

EMI has built 6 gas plants and then sold them. Who would tear this plant down when it is no longer useful? Who might buy this plant and for what purpose? What other plans might evolve with the construction of this plant? Maine has a surplus of energy and no way of getting out additional sources unless additional transmission lines are built. Are the few users in the Midcoast area the real customers? Is a \$40 million dollar pipeline to be built? Is there really a plan to sell natural gas overseas? I do not see that the City is considering hiring a consultant that can make sure that the City is not being led down a road where it lacks enough knowledge of all the implications.

At a time when renewable energy technology is increasing rapidly, why are we in such a rush to implement continued carbon dioxide and methane emissions. Why are we not instead considering what technology is developing to use ocean tides.

Hawaii is going in the direction of renewables and is testing tidal power. Other countries around the world are already using tidal power. There are concerns that would need to be looked at including the protection of marine life. Tidal power is considered more consistent than either solar or wind power. We should not be building a very large plant saying it will only be transient power. Once it is here we will have problems getting rid of it further down the road, whether it is abandoned or the owner goes into bankruptcy.

Rockland, the bride, need not accept the first suitor. It is not true that residents are anti-business but do not want something forced upon them that will be a detriment to the community in a period of only 25 years.

I have attached a couple of articles I have recently seen.

Kathryn Fogg Hill
84 Grace St
Rockland, Maine
596-0117

[Hawaii's Going 100 Percent Renewable, And It's Not Using Natural Gas As A 'Transition'](#)



Hawaii's Going 100 Percent Renewable, And It's Not Usin...

The company aiming to buy Hawaii's utilities should probably pay attention to this.

[View on thinkprogress.org](#)

Preview by Yahoo

[This 45-Ton Buoy Might Change The Way You Get Your Power](#)



This 45-Ton Buoy Might Change The Way You Get Your ...

Hawaii is turning its greatest resource -- the ocean -- to power.

[View on thinkprogress.org](#)

Preview by Yahoo

Brooks Winner

From: Brooks Winner <bwinner@islandinstitute.org>
Sent: Monday, August 31, 2015 12:43
To: Larry Pritchett; 'Audra Bell'
Subject: RE: Last weeks meeting

Hi Larry,

Yes, I think a response from you would work, though I'm happy to pass along the answers to Becky if you would like. Haven't picked up the pencils yet, but I can swing by City Hall this week to pick them up if they're still around.

-Brooks

Brooks Winner
Community Energy Associate
Island Institute
207.594.9209 x 148
207.358.0219 cell
www.islandinstitute.org
[@brookswinner2](#) | [LinkedIn](#)

From: Larry Pritchett [mailto:larrypritchett.council@gmail.com]
Sent: Monday, August 31, 2015 11:47 AM
To: Brooks Winner <bwinner@islandinstitute.org>; 'Audra Bell' <abell@ci.rockland.me.us>
Subject: RE: Last weeks meeting

Hi Brooks,

Should I respond to Becky? I would send a draft to both of you to review first. The balance of comments of the format I have received have been very positive. Did you get the pencils and other stuff back?

Larry

From: Brooks Winner [<mailto:bwinner@islandinstitute.org>]
Sent: Monday, August 31, 2015 11:26
To: 'larrypritchett.council@gmail.com'; 'Audra Bell'
Subject: FW: Last weeks meeting

Hi Larry and Audra,

I received the following emails from Becky Bartovics from the Sierra Club and North Haven and promised to pass along her questions to both of you. I heard frustrations on the format of the meeting repeated by a few different people. I think it actually worked okay, but that more advanced notice about the format and assurance that there would be other opportunities for question and comment on the specifics of the project at a later date would have helped ease some of the concerns.

I also think that Becky's assertion about the bias of one of the council members (presumably Larry) is indicative of a sense among some that the council and the City have already decided on the project and that it is a "done" deal. If this is not the case, it's up to the City to show that.

I will write up the other questions submitted at the forum this week and send those along.

Questions from Becky:

- Who will be responsible for the steam tunnels to the recipients- who will have to do the repaving? Will the city require the developer to also replace all water mains and other infrastructure like sewer lines while providing that “service” to the businesses?
- Is Rockland actually offering a TIFF for this project? What is the economic benefit cost analysis and what are the assumptions that are used to reach that analysis? Jobs? Taxes paid? What?

Brooks Winner

Community Energy Associate

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From: Becky Bartovics [<mailto:bartovi@earthlink.net>]

Sent: Monday, August 31, 2015 11:05 AM

To: Brooks Winner <bwinner@islandinstitute.org>

Cc: Bill Pearce <midcoastsierra@roadrunner.com>; vivian newman <newviv@roadrunner.com>

Subject: Re: Last weeks meeting

Hi Brooks, thanks for this response to my email below. I believe the city of Rockland should be concerned about the conflict of interest that one of the city council members has regarding his advocacy of the natural gas pipelines through the Ombudsman Bill so loudly touted at the meeting. Perhaps he should recuse himself on any voting in this matter as his advocacy clearly indicates a preconceived bias towards introducing nat gas pipelines to Rockland.

thanks
Becky

On Aug 31, 2015, at 10:43 AM, Brooks Winner <bwinner@islandinstitute.org> wrote:

Hi Becky,

Thanks for your message and sorry for my delayed response. Thank you for sharing your concerns about the forum. We structured the question and answer portion of the forum to allow the panelists to cover as many of the broad topics as possible and we were, unfortunately, not able to get to all of the questions submitted in the time that we had for the forum. We will, however, be recording all of the questions and will use these to guide future discussions. I realize that this format was frustrating to some in the audience and I agree that it could have been communicated better prior to the meeting in the advertising for the event and at the beginning of the forum. Given that the final details of the power plant have not yet been released, we wanted the forum to be an educational opportunity for folks to learn more about the bigger picture issues of power generation and natural gas infrastructure in Rockland, the Midcoast area, and the state. Once those final details are public, I believe that there will be other opportunities for community-wide discussions about the project including opportunities for questions and comments.

I will work with Larry and Audra to ensure that future discussions are advertised with more advanced notice and I will pass along the questions that you outlined below to them and ask them to follow up.

Regards,
Brooks

Brooks Winner

Community Energy Associate
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207.594.9209 x 148
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[@brookswinner2](#) | [LinkedIn](#)

From: Becky Bartovics [<mailto:bartovi@earthlink.net>]
Sent: Monday, August 24, 2015 9:28 AM
To: Brooks Winner <bwinner@islandinstitute.org>; Bill Pearce <midcoastsierra@roadrunner.com>
Cc: vivian newman <newviv@roadrunner.com>; Glen Brand <glen.brand@sierraclub.org> <glen.brand@sierraclub.org>; Joan Saxe <joansaxe@gmail.com>
Subject: Last weeks meeting

Dear Brooks and Bill,

I want to register my concern about how that meeting at the Rockland City Hall was conducted last week. The idea that all questions were vetted by Larry P gave the impression that the City is not interested in actually learning what the citizenry is interested in finding out.

I am deeply concerned that the natural gas infrastructure which is going to be funded by the rate payers is not adequately being evaluated. In addition, methane was just ramped up in the EPA's watch list due to the strong component of climate change that methane delivers.

For instance, Tony Buxton's statement that the Belted Gallways produced more than this pipeline would clearly is not scientifically informed. Cows that are pasture raised on grass do not have the methane problem that CAFO animals have- in fact they are providing carbon sinks through the improvement of the soil rotational grazing provides.

We have already seen a large emission from the Sable Island pipeline in Searsmont on New Years Eve two years ago and that does not include the daily emissions from transport and pooling that have been identified.

I hope that the Energy Committee and the City of Rockland are going to actually hear what Glen Cunningham and Kim ? had to say about the expense involved in this project.

Who will be responsible for the steam tunnels to the recipients- who will have to do the repaving? Will the city require the developer to also replace all water mains and other infrastructure like sewer lines while providing that "service" to the businesses?

Is Rockland actually offering a TIFF for this project? What is the economic benefit cost analysis and what are the assumptions that are used to reach that analysis? Jobs? Taxes paid? What?

I hope you are willing to answer some of these questions. And I hope that there will be a public hearing that is properly run to allow for public comment, questions.

thanks

Becky Layton Bartovics
Sierra Club Maine,
Co Chr. Exec Committee
273 North Shore Rd.
North Haven, ME 04853
207-867-4938
207-390-0393 (c)

"Those who profess to favor freedom and yet renounce controversy are people who want crops without plowing the ground." Frederick Douglas

Nathan Davis

From: Nathan Davis <n.kroms.davis@gmail.com>
Sent: Tuesday, September 01, 2015 11:09
To: Frank Isganitis; Larry Pritchett; Louise MacLellan-Ruf; williamclayton79@gmail.com; Valli Geiger; Jim Chaousis
Subject: Rockland Energy Center

Hello City Council and Manager Chaousis,

As you might remember, on May 2 I e-mailed you an expression of cautious support for Rockland Energy Center. I have spent much of the past four months reading about natural gas and pondering the potential impact of a gas plant on Rockland, and I am sorry to report that my conscience now compels me to withdraw my support for the plant as it has been publicly presented. I've pasted a letter to the editor I just sent to The Courier-Gazette below. I want to emphasize (as I allude to in the final paragraph of my letter) that my new position is not a commentary on City government or your actions (which I generally support), and that my change of heart is primarily due to the much deeper knowledge I have now concerning the environmental challenges associated with natural gas. As I also mention in the letter, I will try to keep an open mind as the proposal evolves.

Best,
Nate

* * *

On May 2, near the start of the process of exploring whether or not the proposed natural gas power plant - to be called Rockland Energy Center - is right for Rockland, I wrote an e-mail of support to City Council and staff. In it, I wrote that "I will support the power plant, assuming that the details of its environmental and economic impact are consistent with what has been publicly suggested." I have concluded that this message was premature and that I erred in sending it. I attempt to address that error with this letter.

Over the past several months, I have learned much more about natural gas than I knew on May 2. I have read of the significant economic, security, and near-term environmental benefits of the US shale gas boom, as well as the challenges associated with natural gas extraction, transportation, and carbon and particulate pollution. I have concluded, along with many environmental, religious, scientific, and civic groups, that the construction of new fossil fuel infrastructure is not consistent with our responsibility to build a future in which global suffering is minimized and global prosperity is shared. Climate change is the greatest threat facing humanity, and I do not support committing Rockland for decades to a fuel, infrastructure, and regulatory regime that are major sources of carbon pollution. It may be true that the US has achieved significant reductions in carbon emissions due to the displacement of coal and oil by natural gas ("may be true" because there is considerable ambiguity surrounding the magnitude of methane leaks and the degree to which cheap, plentiful energy normalizes increased energy consumption; if methane leaks are as high as some peer-reviewed scientific studies suggest, perceived reductions in emissions are either diminished or reversed), and it may be the case that such reductions will continue over the next several years. But over the next 20 years, technological and social shifts will almost certainly lead to dramatically increased efficiency and much cheaper and more powerful renewables, and I don't want Rockland to commit to a major project that might soon be regarded as an undesirable relic of a dirty past. It is often and truly observed that natural gas will be part of our energy mix for years to come. Acknowledging the truth of this observation is not inconsistent with acknowledging the wisdom of a necessary shift away from gas towards renewables. Indeed, the Obama administration recently released its Clean Power Plan rule in final form, and among the Plan's goals is to avoid expanding our reliance on natural gas as an electricity source while recognizing its current and future importance in our economy.

The economic benefits and consequences of a commitment to fossil fuels vary greatly according to scales of time and space at which they are computed. In the short term, a gas plant in Rockland would undoubtedly provide local economic benefits: tax revenue, jobs, potential cheap energy to local consumers and industry, and potential investment in local business and community projects. As a small business owner who struggles every day to make ends meet, I know firsthand the pain of high heating costs. But in the big picture, the economics of fossil fuels are considerably murkier. There is evidence that financial markets are mispricing the financial risk associated with increased government regulation, public opinion and pressure, and the physical realities of global warming. Divestment from fossil fuels is beginning to make sense from long-term financial as well as moral standpoints, so that financial self-interest is increasingly aligning with ethical responsibility in this regard. The macroeconomics of fossil fuels may or may not directly affect Rockland's relationship with a gas plant and pipeline and the companies that operate them, but they will affect whatever industry we welcome to our City.

How can one weigh the potential economic benefits of a gas plant (and an associated ethical imperative to help our City and its residents achieve prosperity) against an ethical imperative to move away from fossil fuels? There can be no quantitative answer, for how can one quantify an ethical imperative? One must gather data and experience, and then try to discern the greater good with whatever imperfect judgment one possesses.

In my e-mail to Council, I wrote that "I must treat [Rockland's] economic prosperity as a greater cause than my moral constancy and comfort". Having spent months contemplating this issue, I now take an opposing view: I must treat the ethical imperative to address the global challenge of climate change as a greater cause than the potential economic benefits of a gas plant.

This has been a personal and painful internal struggle for me, and it is not over. I encourage Rockland's residents and Council to read and to learn, and to follow their minds and hearts in whatever directions they may lead. My current position is founded upon the information concerning the power plant which has been publicly presented thus far. It is likely that the final proposal for Rockland Energy Center will evolve substantially, and if so, I will keep an open mind in evaluating it.

Some closing points: First, I believe that City Council and staff are doing their best to promote the economic development of Rockland in the context of a very difficult fiscal situation. I thank them for their dedication and service. I appreciate that the City is hosting public forums on this matter, and I appreciate the time granted to the residents of Rockland for deliberation. Second, if a power plant is not built where City Hall now stands, I hope that the City will continue to seek productive uses for this land. I would love to see City Hall move to a more pedestrian- and bicycle-friendly location. Finally, this power plant will not make or break Rockland. Whatever happens, I remain optimistic about the future of our beloved City.

Sincerely,
Nathan Davis

Kate Everett

From: Kate Everett <keverett@smrtinc.com>
Sent: Wednesday, September 02, 2015 08:37
To: Mike Chonko; 'Larry Pritchett (larrypritchett.council@gmail.com)'
Subject: RE: Rockland CHP

Larry,

I also looked up the heat rate you asked about when we spoke last week. Here are industry average heat rates by prime mover. You will see, for natural gas combined cycle in 2013, the heat rate was 7600 BTU/Kwh.

Kate

Table 8.2. Average Tested Heat Rates by Prime Mover and Energy Source, 2007 - 2013
(Btu per Kilowatthour)

Prime Mover	Coal	Petroluem	Natural Gas	Nuclear
2007				
Steam Generator	10,158	10,398	10,440	10,489
Gas Turbine	--	13,217	11,632	--
Internal Combustion	--	10,447	10,175	--
Combined Cycle	W	10,970	7,577	--
2008				
Steam Generator	10,138	10,356	10,377	10,452
Gas Turbine	--	13,311	11,576	--
Internal Combustion	--	10,427	9,975	--
Combined Cycle	W	10,985	7,642	--
2009				
Steam Generator	10,150	10,349	10,427	10,459
Gas Turbine	--	13,326	11,560	--
Internal Combustion	--	10,428	9,958	--
Combined Cycle	W	10,715	7,605	--
2010				
Steam Generator	10,142	10,249	10,416	10,452
Gas Turbine	--	13,386	11,590	--
Internal Combustion	--	10,429	9,917	--
Combined Cycle	W	10,474	7,619	--
2011				
Steam Generator	10,128	10,414	10,414	10,464
Gas Turbine	--	13,637	11,569	--
Internal Combustion	--	10,428	9,923	--
Combined Cycle	W	10,650	7,603	--
2012				
Steam Generator	10,107	10,359	10,385	10,479

Prime Mover	Coal	Petroluem	Natural Gas	Nuclear
Gas Turbine	--	13,622	11,499	--
Internal Combustion	--	10,416	9,991	--
Combined Cycle	W	10,195	7,615	--
2013				
Steam Generator	10,089	10,334	10,354	10,449
Gas Turbine	--	13,555	11,371	--
Internal Combustion	--	10,401	9,573	--
Combined Cycle	W	9,937	7,667	--

Notes: W = Withheld to avoid disclosure of individual company data.

Heat rate is reported at full load conditions for electric utilities and independent power producers.

The average heat rates above are weighted by Net Summer Capacity.

Coal Combined Cycle represents integrated gasification units.

Source: U.S. Energy Information Administration, Form EIA-860, 'Annual Electric Generator Report.'

Katherine M. Everett P.E., LEED AP

Principal

Asst. Mechanical Discipline Lead

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www.smrtinc.com

From: Mike Chonko

Sent: Wednesday, September 02, 2015 8:16 AM

To: Larry Pritchett (larrypritchett.council@gmail.com)

Cc: Kate Everett

Subject: Rockland CHP

This doesn't say much, but it is some wide based recognition of the possibilities in Rockland.

<http://www.cospp.com/articles/2015/08/chp-proposed-for-maine-to-ease-grid-strain.html?eid=294707594&bid=1167000>

Michael J. Chonko PE, CEM

Principal/Director of Mechanical Engineering

SMRT Architects and Engineers

p: 877.700.7678

c: 207.807.4682

smrtinc.com

Larry Pritchett

Subject: FW: Will & Frank > Energy > Question

From: William Clayton [mailto:williamclayton79@gmail.com]
Sent: Wednesday, September 02, 2015 11:22
To: James D Chaousis II
Cc: Louise MacLellan-Ruf; Frank Isganitis; Valli.citycouncil@gmail.com; Larry R. Pritchett; Audra Bell
Subject: Re: Will & Frank > Energy > Question

Sounds good. Drive safe.

Will

From: James D Chaousis II [mailto:jchaousis@ci.rockland.me.us]
Sent: Wednesday, September 02, 2015 10:24
To: William Clayton
Cc: Louise MacLellan-Ruf; Larry R. Pritchett; Frank Isganitis; Valli.citycouncil@gmail.com; Audra Bell
Subject: Re: Will & Frank > Energy > Question

Will,

I'm in transit so my comments will be short. I would recommend a very simple and brief order authorizing the city manager to use those funds for purposes to acquire technical and legal expertise in regards to topics for the Rocklynn energy center proposal. I can explain in more detail later and probably best at the agenda setting meeting.

Jim C

Sent from my iPhone

From: Larry Pritchett [mailto:larrypritchett.council@gmail.com]
Sent: Wednesday, September 02, 2015 10:05
To: 'William Clayton'; 'James D Chaousis II'
Cc: 'Louise MacLellan-Ruf'; 'Frank Isganitis'; 'Valli.citycouncil@gmail.com'; 'Audra Bell'
Subject: RE: Will & Frank > Energy > Question

Hi All,

Jim may have additional ideas. What is proposed here is what I refer to as "screening level review." Would question "A" warrant a highly detailed analysis (& what would that analysis look like) should this project move to the next step.

This would also help the City identify "this is the type of noise analysis that should be done and this is what that would cost." There are two obvious mechanisms to fund more detailed work and other options that might come into play.

One option, if the question relates to Site Plan review, there already are provisions in Chapter 19 allowing the

Planning Board to require the developer to pay for third party review.

Another option is that the City would require EMI to fund the more detailed analysis as a part of the purchase and sale agreement (i.e., the sale would not be finalized until analysis "x" funded by EMI and conducted by a firm selected by the City was completed).

Frank raises another option, if the City completes a screening level review and concludes detail analysis in a particular area is warranted - - and the City is then armed with "this is what the review would look like, the question(s) it would address, and what it would cost - - the City can simply ask EMI.

The fourth option we have not explored is the EPA/DOE CHP Initiative. Germany, for example has set a goal of reducing Green House gas emission by 80% by 2050. Part of the strategy to accomplish that is to increase the use of CHP facilities by about 40% (neighboring Denmark's current utilization is even higher).

Based on these two models, the Obama administration has a joint EPA/DOE CHP initiative. At the moment, there are not relevant funds available. But that might change. Getting the screening level work done would position the City to take advantage of any DOE funds should those funds become available.

Larry

From: William Clayton [mailto:williamclayton79@gmail.com]
Sent: Wednesday, September 02, 2015 09:38
To: James D Chaousis II
Cc: Louise MacLellan-Ruf; Larry R. Pritchett; Frank Isganitis; Valli.citycouncil@gmail.com; Audra Bell
Subject: RE: Will & Frank > Energy > Question

Good morning all,
I am certainly in favor of using the lease option money for outside expertise. My only question is how any overages will be funded. I am guessing the \$1000 a month fee will not cover the expenses. Jim your thoughts?

Will

On Sep 2, 2015 8:11 AM, "Jim Chaousis" <jchaousis@ci.rockland.me.us> wrote:

To all,

I have Stuart working on an order pursuant this request.

Jim C

From: Larry Pritchett [mailto:larrypritchett.council@gmail.com]
Sent: Tuesday, September 01, 2015 5:25 PM
To: 'Frank Isganitis' <frankisganitis@gmail.com>; 'William Clayton' <williamclayton79@gmail.com>
Cc: 'James D Chaousis II' <jchaousis@ci.rockland.me.us>; 'Louise MacLellan-Ruf' <louisemaclellanruf@gmail.com>; 'Valli.citycouncil@gmail.com' <valli.citycouncil@gmail.com>; 'Audra Bell' <abell@ci.rockland.me.us>
Subject: Will & Frank > Energy > Question

Hi Will & Frank,

I used this older email thread because it relates to the same question. Would either of you have reservations about allocating the \$1,000/month EMI is paying the City for the option on the City Hall/DPS Garage site toward legal, technical and fiscal review of the CHP/District energy concept generally and the EMI proposal in specific?

I spoke with Audra and Jim and both thought this was constructive. I discussed this with Valli and Louise and they concurred as well. I have started to talk with some, but not yet all, of the Energy Committee.

If Council is interested, I would put in an order that has "Energy Committee" as originator and "Council" as a sponsor. There appears to be a number of pretty clear question for which some third party analysis would be useful now (and some of that analysis, say on "District Energy" for Tillson Area could have value beyond EMI).

Also, If EMI does move forward with this in some form, City staff needs to have already identified who the city will utilize for technical and legal advice. For example, if EMI does request a CEA, the City needs third party technical analysis to know how much of a CEA EMI actually needs for the KWH price of electricity to be competitive.

Thoughts? If you have questions, give me a call.

Larry

594-8806

From: Frank Isganitis [<mailto:frankisganitis@gmail.com>]

Sent: Thursday, August 20, 2015 11:48

To: Phyllis Merriam

Cc: James D Chaousis II; LarryPritchett.Council; Louise MacLellan-Ruf; William Clayton;

Valli.citycouncil@gmail.com; Audra Bell

Subject: Re: Community Forum on CHP, District Energy & Natural Gas 8.19.2015

Thank you for sharing your thoughts. I share your reservations along with your suggestion. Councilor Geiger has pointed out that it's not uncommon for a municipality to select an attorney of their preference with the developer bearing the cost. Certainly, Rockland residents should not.

Best,

Frank Isganitis

On Thu, Aug 20, 2015 at 10:29 AM, Phyllis Merriam <pbamerriam@gmail.com> wrote:

Thank you so much for providing the community forum last evening on this critical topic for Rockland's future and especially to Larry Pritchett and the energy committee for putting together the diverse panel.

Rockland residents had the benefit of transparency compared to the first forum on this topic.

I personally have arrived at some serious reservations about the carbon pollution a huge EMI plant would emit. It also does not seem like a 21st Century solution to our city's energy needs. We as residents, and as elected officials, need to do judicious planning more than 20 to 30 years out to consider

the next two and three generations, who are already here, and will be impacted positively or negatively from our and your legacies.

I am hoping the city can find the funding to hire a qualified attorney who can accurately vet EMI's proposal, as was recommended last evening. Are there grants available? Can residents and businesses contribute to a fund?

In appreciation,
Phyllis Merriam, LCSW
72 Mechanic St.
Rockland, ME

Brooks Winner

From: Brooks Winner <bwinner@islandinstitute.org>
Sent: Thursday, September 03, 2015 13:30
To: Peggy Coyne; Bill Pearce; Larry Pritchett; debdonnelly40@gmail.com
Subject: RE: Wednesday energy forum

Hi Tony,

I think this is a good point. I have heard similar concerns and I think this should have been made clear at the outset of the forum. As I've expressed to Larry and Audra, there seems to be a perception that city staff and council members, and perhaps the Energy Advisory Committee as well, are in favor of the project and have already decided that it should move forward. I am undecided on the project and do not intend to take a position one way or the other until we know more about the specifics.

I think that one of our primary roles as the Energy Advisory Committee is to help the City and the residents of Rockland to make a measured, informed decision about whether to approve the sale of city land to EMI for the purpose of developing their project without rushing to a conclusion, one way or the other. Overall, I think that the panel achieved this goal, but I also think that we can improve the way we frame these discussions going forward and the way we notify the community about them to maximize participation.

Best,
Brooks

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From: Peggy Coyne [<mailto:pntcoyne@gmail.com>]
Sent: Friday, August 21, 2015 7:46 PM
To: Bill Pearce <billpearce@roadrunner.com>; Brooks Winner <bwinner@islandinstitute.org>; Larry Pritchett <LarryPritchett.Council@gmail.com>; debdonnelly40@gmail.com
Subject: Wednesday energy forum

Hi all,

Doing some research I came across the information that Tony Buxton is the attorney for Kinder Morgan. Given the depth of KD's involvement in coal, oil, CO2 and NG pipelines and terminals, I believe this should have been mentioned at his introduction.

I have no problem with info from all sides of this issue but we need to keep total transparency in order for our committee be above reproach.

This sort of information regardless of a panel members leanings needs to be made public.

Thoughts?

Tony

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