



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
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

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.

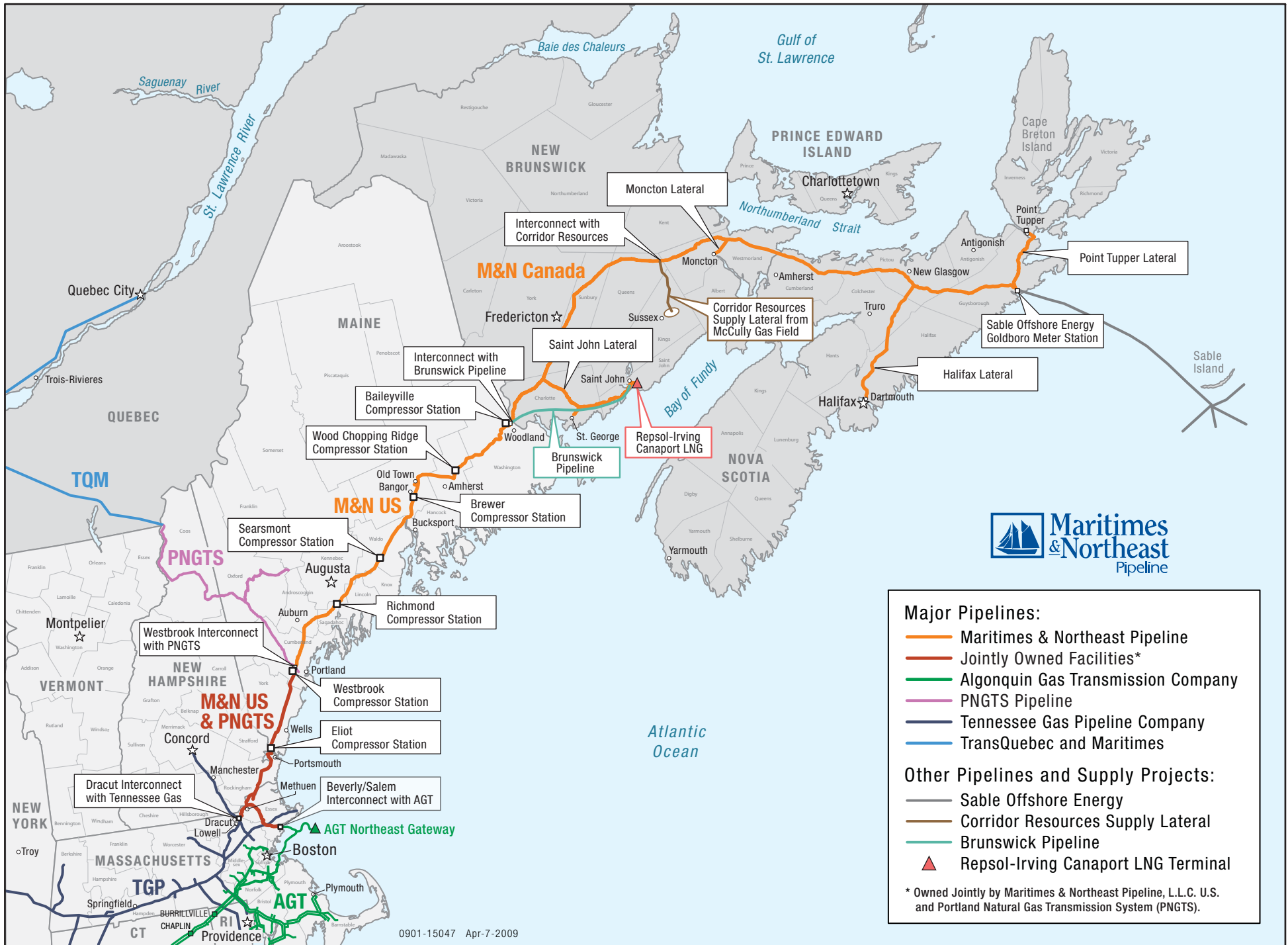
Amy

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
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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
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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