NEWFOUNDLAND AND LABRADOR BOARD OF COMMISSIONERS OF PUBLIC UTILITIES

120 Torbay Road, P.O. Box 21040, St. John's, Newfoundland and Labrador, Canada, A1A 5B2

Hearing Transcript

Newfoundland and Labrador Hydro 2017 General Rate Application

August 7, 2018

The Board:

Darlene Whalen, Chair and CEO Dwanda Newman, Vice-Chair James Oxford, Commissioner

Newfoundland and Labrador Hydro:

Geoffrey Young, Counsel Alex Templeton, Counsel

Newfoundland Power Inc.:

Gerard Hayes, Counsel Liam O'Brien, Counsel

Consumer Advocate:

Dennis Browne, Q.C.

Island Industrial Customers

Paul Coxworthy, Counsel Denis Fleming, Counsel Dean Porter, Counsel

Labrador Interconnected Group*

Senwung Luk, Counsel

Iron Ore Company of Canada*

Benoit Pepin, Counsel

Board Counsel/Staff:

Jacqueline Glynn, Board Counsel Maureen Greene, Q.C., Hearing Counsel Cheryl Blundon, Board Secretary

Witness/Witnesses

Mr. Kevin Fagan, Director of Regulatory Affairs, Newfoundland and Labrador Hydro

^{*}Note – These two parties will not be in attendance every day

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1	(9:03 a.m.)	1	they have done before telling the Board
2	CHAIR:	2	through these hearings that you've got a
3	Q. Good morning, everyone. I understand	3	good deal?
4	there's no preliminary matters, so I guess	4	MR. FAGAN:
5	we can go right back to you, Mr. Browne.	5	A. Well, I mentioned yesterday the ponding
6	BROWNE, Q.C.:	6	agreement that is being developed for filing
7	Q. Thank you, Chair. Good morning,	7	with the Board, which will lay out the –
8	Commissioners. Good morning, Mr. Fagan.	8	that will present the approach and the terms
I	MR. FAGAN:		
9 10		9 10	from a benefits perspective between Nalcor
1	A. Good morning, Mr. Browne.		Energy Marketing, so the Board would have
11	BROWNE, Q.C.:	11	exposure to review – the information to
12	Q. And I ask if we go to CA-NLH-054. This is a	12	review our relationship for that type of a
13	question that we put to Hydro, "Would it be	13	transaction, how the sharing should benefit
14	more cost effective for Hydro to directly	14	between customers, but with regard to being
15	solicit opportunities for energy purchases	15	sure that customers get the best deal, well,
16	from other jurisdictions rather than	16	I think all the information with respect to
17	contract with Nalcor Marketing to do so? Is	17	the transactions that will occur will be
18	Hydro paying any of the costs associated	18	made available to the Board and its auditors
19	with Nalcor Energy Marketing? What	19	to ensure that the benefits can be
20	jurisdictions has Nalcor Energy Marketing	20	maximized. There's a requirement to
21	approached to solicit opportunities, with	21	maintain confidentiality to some degree, but
22	what results", and part of your answer you	22	the information on what's being achieved
23	state there in the second sentence, "Hydro	23	and, I guess, what return is being achieved
24	does not currently have in place the	24	for customers through the marketing arm of
25	necessary tools and expertise to allow it to	25	Nalcor for Hydro's resources to be sold,
	Page 2		Page 4
1	transact in external markets". What do you	1	that information will be available for the
2	mean by that, Mr. Fagan?	2	Board and Board staff to review, and have an
$\frac{2}{3}$	MR. FAGAN:	3	independent audit if they want to determine
4	A. Well, Hydro is not in the business of energy	4	if it's good value.
5	marketing. We're an electric utility	5	BROWNE, Q.C.:
6	serving the customers on the island, so	6	Q. From a ratepayers perspective, the
7	we're not out practicing the sales and	7	ratepayers are cut out of this process.
0	purchase of energy in the market. We're not	0	1 7
8	1 03	8	There's no public scrutiny of what's gone on
9	the best people to be out getting the best	9	and what Nalcor Marketing is doing. I mean,
10	deal for customers. Nalcor has a branch,	10	it's not even a star chamber proceeding. At
11	energy marketing branch, that does that,	11	least, in the star chamber there was a
12	it's their job. So they're better capable	12	hearing, it wasn't public, but there was a
13	to do that, to provide benefits to customers	13	hearing. It even lacks that standard, which
14	than Hydro employees that wouldn't have such	14	was no standard at all. So it's all done by
15	experience.	15	envelopes, there's no public scrutiny. How
16	BROWNE, Q.C.:	16	can consumers be assured that they're
17	Q. But as the manager of Regulatory Affairs,	17	getting good value here?
18	and as a conduit, I guess, between Nalcor	18	MR. FAGAN:
19	and Hydro, this Board, and this hearing, how	19	A. Well, I think – I mean, the Board has its
20	can we be sure that what Nalcor Marketing is	20	role and Hydro has its role, and to go back
21	doing is efficient and the lowest possible	21	to the stated case, it talked about the
22	cost for consumers when you admittedly don't	22	management role versus the Board's oversight
23	have in place the necessary tools and	23	role, and certain roles of Hydro with regard
24	expertise to allow it to transact in	24	to Hydro has the right to proceed and manage
25	external markets? How do you review what	25	the company and manage its business, and

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	then has to prove to the Board based on the	1	Q. Did they have a role prior to Nalcor Energy
2	end result that it's making the right	2	Marketing getting involved, do you know?
3	decision. So you get into the question of	3	MR. FAGAN:
4	how much management should the Board exert	4	A. Yes, I think there's a bit of history.
5	versus Hydro exert. So, I think, the Board	5	BROWNE, Q.C.:
6	generally trusts Hydro to manage its affairs	6	Q. Yeah, that's what we're interested in, the
7	and the Board reviews that management based	7	history. Give us that.
8	on the end result to determine if it's	8	MR. FAGAN:
9	reasonable. So I think you're getting into	9	A. I've got a lot of history, but not
10	"should the Board be managing the marketing	10	necessarily with Hydro, but it's my
11	aspect of exports or should Hydro, through	11	understanding that for a number of years the
12	its relationship with Nalcor, go out and	12	recapture energy was sold directly to Quebec
13	proceed with it", with the Board informed on	13	in the contract, and then once that contract
14	the relationship and how it's to work, and	14	expired, there was an agreement with Emera,
15	then the Board can judge the results based	15	and Emera was doing the marketing on behalf
16	on what occurs. The Board has the authority	16	of Hydro for the recapture energy being sold
17	at that point to determine whether it's a	17	to the markets. Then over time, Nalcor
18	good deal. So, I think, that's the general	18	developed its own arm of marketing and so it
19	relationship with regard to management of a	19	transferred to Nalcor Energy Marketing.
20	utility.	20	That's the history, I understand.
21	BROWNE, Q.C.:	21	BROWNE, Q.C.:
22	Q. Now Nalcor Energy Marketing, are they	22	Q. Now before Emera came on the scene, who was
23	marketing power for sale, I guess, out of	23	on the scene then taking the recapture power
24	the recall when it's available into the	24	and putting it into the market?
25	international markets?	25	MR. FAGAN:
	Page 6	23	Page 8
1	MR. FAGAN:	1	A. It's my understanding it wasn't going into
2	A. Historically Nalcor Energy Marketing has	2	the market at that point. It was being sold
$\frac{2}{3}$	been selling recall power through the	3	directly to Quebec through a contract.
4	market, yes.	4	BROWNE, Q.C.:
5	BROWNE, Q.C.:	5	Q. It was being sold through Quebec?
$\frac{3}{6}$, .	6	MR. FAGAN:
1	Q. So Nalcor Energy Marketing is selling it? MR. FAGAN:		
7		7	A. Directly to Quebec.
8	A. Well, prior to the Labrador Island Link	8	BROWNE, Q.C.:
9	coming into service, the excess energy from	9	Q. And was there ever an analysis done between
10	Labrador is being sold by Nalcor Energy	10	when that power was being sold to Quebec
11	Marketing, and the benefits are being	11	directly and Quebec was the conduit for the
12	accrued to Nalcor Energy Marketing. So with		sale, I guess, if we can put it that way,
13	the Labrador Island Link now making that	13	and when Emera got involved. Which was more
14	energy available for serving customers on	14	economic, was there ever an analysis done of
15	the island, the benefits of that power can	15	that, are you aware?
16	now come to customers. So if Hydro doesn't	16	MR. FAGAN:
17	use it for customers, Nalcor Energy	17	A. I haven't seen the results of it, but I've
18	Marketing can proceed and sell the excess to	18	been told that at times they did better
19	the market, is my understanding.	19	while they were selling to Quebec than they
20	BROWNE, Q.C.:	20	did while marketing. That's my
21	Q. And does Emera have any role in that in the	21	understanding, but I don't know if that's
22	sale of that power?	22	the case all the time.
23	MR. FAGAN:	23	BROWNE, Q.C.:
24	A. Not to my understanding.	24	Q. Yeah, I think that was the talk that they
25	BROWNE O.C.	25	were doing better when they did it through

25

A. Not to my understanding. BROWNE, Q.C.:

25

were doing better when they did it through

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1	Quebec, yet they gave it to Emera and there	1	that – just given that all these
2	was politics involved, was there not, they	2	jurisdictions are getting something and New
3	didn't want to give it to Hydro Quebec?	3	England would get something because it's the
4	MR. FAGAN:	4	point of origin, of course, when we are into
5	A. I couldn't answer that. I wasn't involved	5	the Labrador Island Link, the nearest supply
6	in that discussion. Also with respect to	6	of power would be Hydro Quebec, would it
1 7	the profitability of it, I think it would	7	not?
8	depend on what happened. If you're looking	8	MR. FAGAN:
9	over different time periods, the market may	9	A. Yes, that's right.
10	have been different at the time when it was	10	BROWNE, Q.C.:
11	being sold to Quebec as well, versus post	11	Q. So if we were to purchase power, of course,
12	Quebec. So if the market got more depressed	12	we would have to purchase it through their
13	with regard to the price after the contract	13	system, is that not correct, to bring it
14	with Quebec, that could explain the fact	14	down through the Maritime Link?
15	that your profitability would have declined.	15	MR. FAGAN:
16	So over different time periods comparability	16	A. To bring it down –
17	of earnings were not necessarily the same.	17	BROWNE, Q.C.:
18	BROWNE, Q.C.:	18	Q. Other than the recall, other than –
19	Q. And it's been stated publicly that the whole	19	MR. FAGAN:
20	purpose of the Muskrat Falls Project was to	20	A. To bring it down through the Labrador Island
21	get around Quebec. Have you heard that?	21	Link?
22	MR. FAGAN:	22	BROWNE, Q.C.:
23	A. I've read it in the media.	23	Q. Yeah, the Labrador Island Link, other than
24	BROWNE, Q.C.:	24	the recall power?
25	Q. Yes. Can you go to CA-NLH-263, and there's		MR. FAGAN:
	Page 10		Page 12
1	an attachment to that, CA-NLH-263,	1	A. Yes, a direct purchase. Direct purchase
2	Attachment 1, and we're dealing with New	2	from Quebec, or through Quebec through the
3	England day ahead market and the way it's	3	reservation.
4	delivered to the interconnected system over	4	BROWNE, Q.C.:
5	a period of time, and the US dollar, and if	5	Q. Is there any politics involved here where
6	we just take you there to the attachment,	6	Nalcor Energy Marketing doesn't want to deal
7	Mr. Fagan, of course, here we're dealing	7	with Quebec for any particular reason? Do
8	with the Maritime Link, aren't we, this	8	we know if that's the case in making
9	whole scenario?	9	purchases?
10	(9:15 a.m.)	10	MR. FAGAN:
11	MR. FAGAN:	11	A. Not that I'm –
12	A. Yes. Excuse me, Caryn, can you just zoom in	12	BROWNE, Q.C.:
13	a little bit? Just move over to the far	13	Q. Can we be assured that politics have been
14	right, please. Thank you. Yes, that's	14	put aside and we're getting the best value
15	correct.	15	for our buck by going probably directly to
16	BROWNE, Q.C.:	16	Hydro Quebec, the next door, to bring more
17	Q. That's the time frame, and we look at New	17	power down as it becomes available?
18	Brunswick, Nova Scotia, the Maritime Link,	18	MR. FAGAN:
19	and Newfoundland, the cost of energy getting	19	A. I'm certainly not aware of any. To me,
20	it out of New England, and then we go to New	20	they're out trying to get the best deal
21	Brunswick and we see New Brunswick wheeling		possible.
$\begin{vmatrix} 21\\22\end{vmatrix}$	costs, they're additional, and then we see	22	BROWNE, Q.C.:
23	Nova Scotia wheeling costs, they're	23	Q. But it just goes to show that we would be
24	additional, and there's no charge for the	24	better off in an open transparent hearing to
25	Maritime Link, we got a bargain there. Now	25	deal with some of these matters and to
43	manume link, we got a vargam more. Now	L 43	dear with some of these matters and to

Page 13 Page 15 assure consumers that, unlike the situation 1 Maritime Link there are losses. If a more 1 2 with Emera in order to not deal with Ouebec 2 direct link, would there be less loss, or do 3 3 directly, we bit the bullet, how would we you know? 4 know that that's not going on again? 4 MR. FAGAN: 5 5 MR. FAGAN: Yes, there would be less loss, but that A. 6 Well, I think as long as the reservation is 6 doesn't necessarily mean the price would be Α. through Quebec, you've got the option of less, but there would be less losses. If 7 7 either buying from Quebec or buying from 8 8 you notice on the far right column, the 9 somewhere else. So I think that gives you 9 average price throughout the day is in the 10 certainty that the customers have the option 10 neighbourhood – in the range of just under for the best deal. If you only had the 10 cents to almost 11 cents a kilowatt hour. 11 11 option to buy from Quebec, then you couldn't So even though the price in US on that day 12 12 13 get the flow through Quebec. So at least 13 is a low of about 2 cents a kilowatt hour to this way you can say, okay, Quebec, I've got 14 14 a high of 6.4 cents a kilowatt hour, by the an option to buy from Ontario, New England, time it gets to Newfoundland you're dealing 15 15 wherever, or I can get power from New with 10 to 11 cents a kilowatt hour. That 16 16 Brunswick, Nova Scotia, or I can buy from power may not be accessible at the times 17 17 you, but wherever I get the best deal when the island needs it. It depends on 18 18 because I've got other avenues now, so capacity constraints. So the assumption 19 19 having that reservation through Quebec gives that we can just get it cheaper from the 20 20 the customers the opportunity of getting it market than what we could get it over the 21 21 22 from a cheaper source if Quebec doesn't give 22 Maritime Link through bilateral agreements you the better price, but Quebec can give and stuff is not always a safe assumption 23 23 24 you a better price, fine, but you've got 24 because you've got to plan the system 25 options now. So it opens the door, it gives 25 knowing you've got the power available. So Page 14 Page 16 1 fairer competition, so customers can be 1 when you hear about the low market price 2 assured they're getting a better deal. 2 pool rates, by the time you get it here 3 BROWNE, Q.C.: 3 that's not necessarily the price you're paying, and it also doesn't give you that 4 But on its face, there would be less 4 Q. 5 5 certainty as well. So those factors are wheeling costs if you dealt directly with coming into play when Nalcor Energy 6 Ouebec? 6 7 MR. FAGAN: 7 Marketing is making their decisions. 8 8 Well, yes, less wheeling costs, but Quebec BROWNE, Q.C.: would be aware that there's less wheeling 9 9 Have you been party to any discussions about O. 10 costs because all the marketing agencies 10 giving consideration to forming a single look at what other costs are incurred in energy marketer for all Canadian Maritime 11 11 12 order to bring it from different 12 Atlantic provinces? jurisdictions. So they would most likely MR. FAGAN: 13 13 14 bid their price up recognizing that there's 14 I haven't been any of those discussions. I A. 15 less wheeling costs to be slightly below 15 know there's been discussions about - not 16 what they're anticipated price would be if 16 that I've been involved with, but I read a 17 you brought it from another jurisdiction. 17 paper, I forget the author – John Todd was 18 Everybody is trying to make the maximum 18 his name and he's testified before this Board, works with Elenchus, and he's working profit on the transaction. 19 19 20 BROWNE, Q.C.: 20 for Atlantic Canada. I think it's some 21 And when you look at this chart here that is 21 government sponsored agency, which was Q. 22 still up, there's lots of losses here. As it 22 talking about reducing the barriers for goes through Quebec there are losses, as it transactions among Atlantic utilities and 23 23 goes through New Brunswick there are losses, more of a partnership, so more of a regional 24 24 and Nova Scotia there are losses, and the transmission organization and the pooling of 25 25

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1	resources in Atlantic Canada for benefits	1	A. Well, we've asked for – Ms. Hutchens
2	for all Atlantic Canadians. So there's been	2	provided evidence with regard to meetings
3	some discussions of that, but nothing I've	3	that have occurred and information that's
4	been a direct participant in.	4	been provided and Mr. LeBlanc's been
5	BROWNE, Q.C.:	5	involved in reviewing the types of
6	Q. And, of course, I understand your position.	6	expenditures that they have in their O&M
7	You're just a conduit here, you can only	7	plan for maintaining these facilities for
8	recite to this Board what you've heard	8	2018 and '19. So, there's been questions
9	because you're not with Nalcor and Nalcor	9	asked. The information that was provided, I
10	Marketing Energy, and we don't have the	10	think, is – well, I think it's relatively
11	benefit of their firsthand evidence either?	11	stale because it's more than a year old and
12	MR. FAGAN:	12	they'll have a new budget prepared in
13	A. Well, on these particular matters, I don't	13	September. So, we'll see what that brings,
14	know if there's much additional information		but the numbers – when you say that the
15	that they would be able to provide to you in	15	numbers are high and they certainly may well
16	this particular hearing.	16	be high, I think the reason that everybody
17	BROWNE, Q.C.:	17	asks the question of why they're high is
18	Q. You don't know, but there could be.	18	because if you went to that presentation
19	MR. FAGAN:	19	that Mr. O'Brien brought me to yesterday, it
20	A. Okay, I agree.	20	was showing that the original budget was
21	BROWNE, Q.C.:	21	only 34 million and now when you see it's
22	Q. Thank you. Can we go to the famous	22	109 million, well, it's certainly high. I'm
23	footnote, Footnote 8, page 3, of the	23	not sure if the original forecast was just
24	refiling, the 51.4 million in the 2019 test	24	really low and incorrectly low or whether
25	year for the LIL, LTA, and the O&M costs.	25	the new numbers are really high. But, it
23	Page 18		Page 20
1	MS. MASSIE:	1	certainly seems to be a material O&M
2	Q. Sorry, Mr. Browne?	2	expense. I wouldn't disagree.
$\frac{2}{3}$	BROWNE, Q.C.:	3	BROWNE, Q.C.:
4	Q. Footnote 8, page 3, of the refiling.	4	Q. Sure. It seems to be worthy of a lot of
5	MS. MASSIE:	5	questions.
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	Q. Supplemental –	6	MR. FAGAN:
7	MR. FAGAN:	7	A. Well, there's been a lot of questions asked
8	A. Supplemental evidence.	8	from Hydro to Nalcor Power Supply with
9	BROWNE, Q.C.:	9	respect to those costs.
10	Q. Supplemental, yes. Sorry. Now, the LIL and		BROWNE, Q.C.:
11	the LTA are new facilities coming in as – a	11	Q. And did Hydro do any cost comparisons to
12	lot of money's been spent on it, brand new	12	other operation and management costs for
13		13	1
1 1.7	tacilities and they're still working out		
	facilities and they're still working out		similar facilities?
14	kinks in them, in the LIL. We don't quite	14	MR. FAGAN:
14 15	kinks in them, in the LIL. We don't quite know when exactly the LIL will be available.	14 15	MR. FAGAN: A. When the numbers came to me, there was
14 15 16	kinks in them, in the LIL. We don't quite know when exactly the LIL will be available. All that has been discussed. Have you had	14 15 16	MR. FAGAN: A. When the numbers came to me, there was discussion of going out and doing some
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14 15 16 17 18 19 20 21 22 23	kinks in them, in the LIL. We don't quite know when exactly the LIL will be available. All that has been discussed. Have you had any discussions with Nalcor as to why the costs are so high for the operation and management costs, 51.4 million, for a new facility? Have you asked that? MR. FAGAN: A. We've asked that. BROWNE, Q.C.:	14 15 16 17 18 19 20 21 22 23	MR. FAGAN: A. When the numbers came to me, there was discussion of going out and doing some research, from looking at other jurisdictions, transmission benchmarking as such, and say okay, if you had facilities of this size, like distance of number of kilometres for the dc lines and the LTA, what would you expect if you looked at comparisons of other utilities.
14 15 16 17 18 19 20 21 22	kinks in them, in the LIL. We don't quite know when exactly the LIL will be available. All that has been discussed. Have you had any discussions with Nalcor as to why the costs are so high for the operation and management costs, 51.4 million, for a new facility? Have you asked that? MR. FAGAN: A. We've asked that.	14 15 16 17 18 19 20 21 22	MR. FAGAN: A. When the numbers came to me, there was discussion of going out and doing some research, from looking at other jurisdictions, transmission benchmarking as such, and say okay, if you had facilities of this size, like distance of number of kilometres for the dc lines and the LTA, what would you expect if you looked at

Page 23 Page 21 MR. FAGAN: Christensen, and asked them to do some 1 1 2 research and come back with some estimates 2 A. No, they went out contacting utilities 3 of what they would think that the numbers 3 asking -4 might be. So, they came back with a 4 BROWNE, O.C.: 5 document giving me estimates of ranges of 5 Who's they? Q. 6 what they would anticipate for overhead 6 MR. FAGAN: 7 facilities versus HVdc facilities. One of 7 Α. Christensen. So, Christensen went out and 8 the struggles they were having, I don't 8 did this research and reported back. And 9 but, they found most utilities with dc lines think they had – I think they got a wealth 9 10 of information with regard to the ac 10 didn't have the detailed information facilities but limited information on the dc 11 11 available, publicly available, for the facilities. So, they provided me some 12 12 analysis. 13 estimates of what they thought would be 13 BROWNE, Q.C.: 14 reasonable. 14 This whole positioning is somewhat awkward. You work for Hydro and Hydro is a company 15 BROWNE, Q.C.: 15 owned by Nalcor. Are you – I don't envy you 16 Q. And? 16 MR FAGAN: having to try to take on that crowd and say 17 17 "you're charging us too much", push back. 18 The – let me see here. 18 19 19 BROWNE, O.C.: Are you able to give a push back or who is 20 giving a push back there? 20 Q. You can just give it to us generally or if 21 you want to go specifically, that's fine. 21 (9:30 a.m.) 22 22 MR. FAGAN: MR. FAGAN: 23 23 I think for the LTA, they provided – A. Well, so, when Nalcor Power Supply came with 24 Labrador Transmission Assets, they provided 24 their numbers, and because they increased 25 ranges that they thought reasonable range 25 from 34 million to 109 million, we said, Page 22 Page 24 1 based on benchmarking that they had done 1 well, you know, from a regulatory 2 would be between around 4.5 million and 2 perspective, we've got an obligation to 3 around 7.1 million, and I think the number 3 review it for reasonableness. So, that's 4 for Lab Transmission Assets being provided 4 why I requested – well, in discussion with 5 5 by Power Supply is around 9.1 million. So, the executive and such, we went out and 6 it's about two million dollars above the 6 asked for some information to be provided to 7 high end of the range that Christensen had test it. So, we provided this to Nalcor and 7 8 8 so, said "okay, take a look at this and see estimated. 9 9 if you can explain why your numbers are On the dc facilities, well, they had a 10 lot of caveats around the dc facilities 10 higher" – or high relative to these. So, they – I think they're doing further work. 11 because they really only found two others 11 that they were looking at because a lot of but I'm not sure what the new numbers would 12 12 the information is not publicly available. be. We'll see in September. But, yes, I 13 13 14 So, but based on their analysis, they came 14 agree, it's -15 up with a range of around 17.4 million to BROWNE, Q.C.: 15 16 25.5 million and the estimates provided by 16 So, the new numbers could be lower than the O. 51 million? Nalcor Power Supply are around 42.3 million. 17 17 18 So, they were materially above the range 18 MR. FAGAN: 19 that Christensen had provided. But they did 19 They could be. We – before the Production Α. 20 have a lot of caveats about the limited 20 Panel got on the stand, we questioned them 21 21 to see if there was any further updates and information available. 22 BROWNE, Q.C.: 22 they said they didn't have any better 23 Q. Why was their information limited when it is 23 information, but I got the impression that they thought their numbers were still 24 something that – did Hydro commission this, 24 reasonable, based on the best information 25 this study? 25

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1	that they had available at the time.	1	agreement that they may get a share of the
2	BROWNE, Q.C.:	2	savings that are – not so much savings;
3	Q. Right now, Hydro is paying nothing to Nalcor	3	share of the profit that will be accrued
4	Energy Marketing, is that correct, for their	4	because of the effort.
5	services?	5	BROWNE, Q.C.:
6	MR. FAGAN:	6	Q. And while this ultimately will be paid for
7	A. I believe that's correct.	7	my consumers, I guess it's fair that they
8	BROWNE, Q.C.:	8	would not be paid any more than the cheapest
9	Q. Have you been notified that at some point	9	contracting facility you could find out
10	Hydro will be charged for Nalcor Energy	10	there to do the similar work?
11	Marketing services?	11	MR. FAGAN:
12	MR. FAGAN:	12	
13			A. I agree.
	A. With respect to the Ponding Agreement that I	13	BROWNE, Q.C.:
14	mentioned, there's – which will be presented	14	Q. Should that be fair?
15	to the Board for review – we're considering	15	MR. FAGAN:
16	what's the value of the service being	16	A. I wouldn't say the cheapest. I would say
17	provided by Nalcor Energy Marketing and	17	wherever you're going to get your best value
18	determining of the savings that are	18	for the service provided.
19	achieved, what proportion should go – could	19	BROWNE, Q.C.:
20	go to Nalcor Energy Marketing for their	20	Q. And I take your point. On page five, lines
21	services versus what proportion should go to	21	13 to 15 of the Supplemental Evidence, if we
22	customers. In that particular Ponding	22	can go there, lines 13 to 15, it says "the
23	Agreement, Nalcor Energy Marketing would	23	key driver of the increase in net savings
24	take all the risk with regard to if there's	24	for 2018 is the reduction of 18.9 million in
25	spill as a result of ponding. So, they	25	operating and maintenance costs for the LIL
	Page 26		Page 28
1	would incur any costs if there was losses	1	and the LTA due to the delay in the LIL in-
2	associated with this ponding agreement. So,	2	service date. For 2019, there is an
3	that agreement is in the works with respect	3	increase in forecast net savings due to an
4	to an application for the Board. So, the	4	increase in off-island purchases over the
5	Board will be reviewing that to determine	5	LIL." Now, if the LIL is delayed, and it's
6	whether it's reasonable for what should be	6	already delayed, if it's delayed until 2019,
7	contributed or paid to Nalcor Energy	7	for instance, what effect would that have on
8	Marketing for their services.	8	the costing?
9	BROWNE, Q.C.:	9	MR. FAGAN:
10	Q. Now, in terms of for their services for	10	A. Well, you would have – I haven't done it
11	dealing with the recall power, I guess we're	11	down to zero, but the – you'd have very
12	not being charged for that. But, where	12	
			little savings because any savings that you
13	Nalcor Energy Marketing is out purchasing	13	would achieve would be just the savings over
14	power to bring into the province, are you	14	the Maritime Link. So, Hydro would have a
15	being charged for that now? You're not?	15	revenue deficiency for 2018 and that revenue
16	MR. FAGAN:	16	deficiency would be proposed to be recovered
17	A. Not to my understanding, no.	17	through – well, under the settlement
18	BROWNE, Q.C.:	18	agreement, if these savings are reflected in
19	Q. Will you be charged for that? Have you	19	rates, then rates will be set lower, but
20	heard that you will?	20	you'd have a balance owed say probably over
21	MR. FAGAN:	21	40 million dollars to be recovered from
22	A. No, there's no charges associated with any	22	future customers because there's 44 million
23	ongoing activities during the pre-	23	in savings being provided through the rates
24	commissioning period other than just, in my	24	that will be presented in this Supplemental
25	understanding, with regard to this ponding	25	Evidence.

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1	BROWNE, Q.C.:	1	but their capacity forecast requirements was
2	Q. And in a similar vein, while we're on this	2	the same as in the previous forecast. So,
3	topic, if you can go to Footnote 17, page	3	with some systems like, for example heat
4	six of the Supplemental Evidence. Footnote	4	pumps gets a lot of discussion. You've got
5	17 there of the Supplemental Evidence, it	5	- they may cut back our energy requirements,
6	indicates an amount there of – that Hydro	6	but on the coldest days of the year, it's
7	will still be producing in – and if the	7	got – the electric backup still cuts in.
8	Maritime – if the Labrador Island Link comes	8	So, you still got to maintain the capacity
9	in a timely fashion and say it is ready, as	9	on the system to meet the customer's load.
10	the evidence says, the Production Panel, the	10	That's actually one of the items with the
11	fall of 2018, it is ready and up and	11	elasticity, discussion of elasticity of
12	running, would there be efforts then to	12	customer's usage. We may see it more on
13	further displace any requirements for fuel	13	energy than capacity. You actually have to
14	at Holyrood? Why can't we get more power in	14	look at elasticity of capacity separately
15	over that at that point to displace any	15	from elasticity of energy because you could
16	requirement for fuel at Holyrood by purchase	16	get a major reduction in energy requirements
17	agreements through Hydro Quebec or inter	17	from customers, but not have that reduction
18	alia?	18	in peak capacity requirements. So, Mr.
19	MR. FAGAN:	19	Feehan talked about redundancy of Holyrood.
20	A. Well, it's my understanding in 2019. So,	20	From an energy perspective, materially less,
21	Holyrood would be primarily run for capacity	21	but not necessarily from a capacity piece
22	purposes when we get into 2019, assuming all	22	because there's separate products from a
23	goes well with regard to the off-island	23	time of use perspective.
24	purchases. So, you've got to maintain so	24	BROWNE, Q.C.:
25	much reserves on the system. So, you've got	25	Q. In terms of elasticity, there's been some
25	Page 30		Page 32
1	limited amounts that you could use at times	1	talk around this hearing of whether Hydro
2	as well. So, you can't just all of a sudden	2	has elasticity studies and on April 23rd,
$\frac{2}{3}$	shut Holyrood down because you need –	3	2018, in the transcript, if we can go there,
4	because you got to balance, deal with the	4	April 23rd, 2018, page 114. Okay. I think
5	capacity and energy requirements. So, you'd	5	we got it there. And I'm questioning your
6	still be – you still got Holyrood use for	6	president, Mr. Haynes, regarding elasticity
7	capacity requirements. So, that impacts the	7	studies and I said, in line 13, "do you have
8	numbers as well. So, you'd still have	8	elasticity studies? Mr. Haynes: I don't
9	production at Holyrood even if you had	9	have elasticity studies for 18 cents. No,
10	increased capacity that you could probably	10	I'm not aware of one." Then I said "do you
11	bring – you can only bring 225 megawatts	11	have any elasticity studies? Mr. Haynes:
12	over the Labrador Island Link and you've got	12	I've read papers by various people that have
13	so much you can bring over the Maritime	13	published them over the time." And then I
14	Link, but even then, you want to have so	14	asked "but you haven't commissioned any in
15	much capacity on the island for maintaining	15	reference to this particular situation? No,
16	system reserve is my understanding.	16	none."
17	BROWNE, Q.C.:	17	And then, the Production Panel, if we
18	Q. What's demand forecast right now? Where are	18	can go there, on July 17, 2018, and if we go
19	· · · · · · · · · · · · · · · · · · ·	19	
20	we going with demand on the island itself? MR. FAGAN:	20	to page 241, my colleague, Mr. Fitzgerald, at line 9 asked Mr. LeBlanc in reference to
20 21		20	elasticity and elasticity studies and if
$\begin{vmatrix} 21\\22\end{vmatrix}$, 1 ,	22	į į
$\begin{vmatrix} 22 \\ 23 \end{vmatrix}$	recent forecast provided by Newfoundland Power in their General Rate Application had	23	they take elasticity studies into account. Mr. LeBlanc said, at line – "yes, elasticity
23	a slight reduction in their energy	23 24	is taken into account in the load forecast.
	requirements for 2019, 33 gigawatt hours,	24 25	We use an elasticity" again that's more
25		/ 7	we use an elasticity again mai s more - 1

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1	for the residential, and they take	1	your historical analysis available which
2	elasticity into account.	2	tells you what elasticity people are
3	But, while taking elasticity into	3	experiencing looking back, but going forward
4	account, there's no admission that there are	4	with a change that we're talking now, from
5	actual elasticity studies undertaken. And	5	12 cents to say 18 cents, for example, I
6	then on the undertaking we asked for on the	6	don't think we've done a specific study to
7	Thursday last, which was filed yesterday, in	7	determine if our elasticity factor has
8	reference to this very matter, there's some	8	changed from the historical point three. I
9	more evidence coming out in reference to	9	think we may have assumed – but I think
10	elasticity.	10	we've made assumptions based on the cross
11	Can you tell us, are there elasticity	11	price elasticity of demand that at some
12	studies that Hydro has in reference to what	12	point we will lose a lot of customers
13	will happen should electricity rates	13	converting to other sources. I think that's
14	commence and upward trending from where they	14	what's presented on page 3 of 3 in
15	are now at 11.4 cents for residential	15	Undertaking 79; that it shows over the
16	consumers, based on the interim rates, to	16	longer term, by 2025 in this particular
17	which we now know you are not entitled, 11.4	17	example, if price goes up from 16 to 24
18	cents to – upward from there? Have you done	18	cents, you're dealing with like 1,000
19	any elasticity studies to see at what point	19	gigawatt hour reduction in usage.
20	people will drop out of the system for	20	Now, one of the struggles I have with
21	electric heat or electric hot water boilers	21	the elasticity, my own personal opinion, is
22	which are currently in usage?	22	the uncertainty with regard to where the
23	MR. FAGAN:	23	price is going and how high it's going may
24	A. Well, go to Undertaking 79 please.	24	cause – and the fear of it going to 22 cents
25	BROWNE, Q.C.:	25	could cause people to act earlier than what
<u> </u>	Page 34		Page 36
1	Q. Yes, Undertaking 79, that's correct.	1	you may see in Undertaking 79. So, it could
2	MR. FAGAN:	2	start sooner.
3	A. We got it, yes. Geez, that was quick. So,	3	(9:45 a.m.)
4	I think it's quite clear from Undertaking 79	4	BROWNE, Q.C.:
5	that we build short-term elasticity effects	5	Q. What's your plan then? Like if people start
6	into the – in the models for Hydro's	6	to leave the system, you need the revenue.
7	forecast. So, elasticity is reflected in	7	What's your plan then?
8	Hydro's forecast. The long-term elasticity	8	MR. FAGAN:
9	being referred to here more related to cross	9	A. So, we've been looking at that from – not so
10	elasticity, I guess, so cross price	10	much even from elasticity, but from a
11	elasticity. So, as price increases	11	pricing perspective, okay.
12	materially, you're getting into more of an	12	BROWNE, Q.C.:
13	issue with comparability with competing	13	Q. Yes.
14	sources. So, there's no explicit factor	14	MR. FAGAN:
15	built into the models for short term. But I	15	A. So, Muskrat Falls is a very valuable
16	think the information provided in 79 is	16	resource. The key is to use it wisely,
17	based on the historic elasticity effects	17	okay. Currently we've got I think it's – it
18	that have been experienced by Hydro, what	18	gives you slightly more capacity than needed
19	one would expect the consumption to change	19	to replace Holyrood on the island, but it
20	at different prices.	20	gives you lots of available energy. So,
21	I don't know if I'd necessarily call it	21	I've had some research done looking at
22	a study. It's an analysis. I don't think	22	economic development rates, looking at load
23	Hydro's completed a study which analysed how	23	retention rates for Industrial Customers,
24	much consumption would change. You've got	24	looking at how you deal with rates for
25		25	electric vehicles, things you need to be
1 2)			titting , time its, time , ou need to be

Page 39 Page 37 considering. 1 may not be cutting back on capacity. We may 1 2 We've presented our report to the Board 2 need some form of rates which are what we 3 3 with regard to how we should change our rate call critical peak pricing where at the 4 structure so that – for Newfoundland Power 4 times of high demand, there's a very high price for the peak hours but – and if a 5 so that they see the marginal price. So, if 5 6 load changes, they don't see the 18 cent 6 customer wants that type of rate to get a 7 change, but if the marginal change may only 7 lower rate for the other hours of the year. 8 be six cents. So, if their load goes up or 8 So, there -9 9 down, you give them the right price signal BROWNE, O.C.: related to the marginal cost, not to this 10 10 Q. So, time-of-day rates, time-of-use rates? 11 historical average cost. And then customers 11 MR. FAGAN: 12 - customers should be making their decision 12 Α. It's a form of time-of-day, yes, day rates, 13 based on the marginal price that they see, 13 yes. 14 not on the average price that they see. 14 BROWNE, O.C.: 15 So, you need to be – there really needs 15 Yes. That's been advocated for some time, but resisted by Hydro and indeed by 16 to be a rate design review looked at so that 16 17 customers - so we can make sure that Newfoundland Power. 17 MR. FAGAN: 18 customers are not leaving for the wrong 18 19 19 reasons as such. That you can still give Well, the reason it's been, I guess, 20 them – get your cost recovery but give them 20 conceptually whether – I don't know if it's 21 a proper marginal price signal, so they can 21 been resisted or I don't think it could be 22 22 really justified. While we were isolated still make efficient decisions. So, you can 23 do that a number of different ways, but -23 system, Holyrood fuel was on the margin year 24 24 BROWNE, Q.C.: round from an energy perspective so that you 25 What do you mean? They would pay less? 25 didn't have a lot of marginal cost Page 38 Page 40 1 Would ratepayers pay less under that 1 variability in your – throughout the year. 2 scenario? 2 You had difference between winter and summer 3 MR FAGAN. 3 and you had some – you had primarily 4 4 marginal capacity costs in the winter. So, A. Well, historically I think we may be way 5 5 back when I think it was Bay d'Espoir came you didn't have a marginal energy cost 6 on; that there was excess energy and so 6 difference between winter and summer. 7 declining block rates were put in service so 7 But looking forward, you're going to 8 that customers would use electricity. Then 8 have – you'll have marginal energy cost 9 differences as well as capacity cost. So, 9 you'd get your cost – higher cost recovery 10 from your more expensive first block then on 10 time-of-day rates may make a lot more sense. 11 the – but then you've got a declining block, 11 So, looking at the rates going forward is an so that it's better reflecting what the 12 important part of it, but that doesn't -12 that will take some time. The starting marginal costs are. So, they were actually 13 13 14 trying to attract people to keep them on 14 point is we were looking at with regard to – 15 electric heat or put them on electric heat 15 and in our fall filing for the Cost of 16 at the time because there wasn't much 16 Service methodology was also included rate electric heat at the time. So, they design filing for Newfoundland Power and 17 17 18 actually attracted electric heat; not 18 Island Industrial Customers, so they could 19 necessarily, looking back, whether that was 19 still have a good marginal price signal. 20 the right thing to do or not. 20 So, you can get cost recovery but give them 21 But there's things you can do with 21 a marginal price signal so if customer load 22 regard to rate design, whether time-of-use 22 goes up or down, the revenues decrease by 23 rates. On our system now, when we talk 23 the marginal costs and so, because if their 24 about customers cutting back on energy, but 24 revenues – if their load goes down and based 25 25 on marginal costs, then the marginal costs,

Page 41 Page 43 based on the market value, so you sell that 1 BROWNE, O.C.: 1 2 excess energy. So, you get a balancing 2 Can you go to CA-NLH-031 please? Now, we O. 3 between the rates and what the market is. 3 asked this very thing and the question "if 4 So, there's things you can do, although -4 improved conservation reduced customer 5 BROWNE, Q.C.: 5 demand by five percent in 2021, what would 6 Well, if you're going to do something, 6 be the impact on the expected customer rate O. 7 in 2021 of 26.32 cents?" shouldn't there be an announcement of some 7 8 8 sort? People are out there now making And the answer is not what you're 9 giving us here. If we go to line 12, "a decisions as to what they're going to do in 9 10 reference to their electricity bills and 10 five percent reduction in customer energy looking at variations. There's a game consumption in 2021 would reduce retail 11 11 12 afoot, if I can put it that way. 12 energy billings from customers by 13 MR. FAGAN: 13 approximately five percent. The energy not 14 A. I agree we're behind, okay. We did start 14 used by customers could be sold in external though and we did file a marginal cost study 15 15 markets to recover approximately 25 percent back in 2016 and we filed a report on rate of the lost revenue. Overall, Hydro 16 16 17 design review for Newfoundland Power and 17 estimates a reduction of five percent of 18 Island Industrial Customers in 2016. Our 18 energy usage by customers would increase 19 customer rates on average by approximately 19 hearing got delayed starting for a few months, but also, now the hearing has been four percent. Applying the same approach, 20 20 Hydro estimates a reduction of ten percent 21 delayed completing for a number of months. 21 22 So, we are trying to move it forward, but 22 of energy usage by customers would increase regulatory processes take time. 23 customer rates on average by approximately 23 24 BROWNE, O.C.: 24 eight percent." 25 And in reference to these variable rates. 25 So, as customers jump off the system, O. Page 42 Page 44 1 are you aware that in Quebec right now, 1 you're looking to the remaining customers to 2 there's a – Hydro Quebec has a proposal to 2 make up the deficit. Isn't that the so-3 the Energy Board, the Regie, for a variable 3 called death spiral? 4 rate but a higher price for electricity 4 MR. FAGAN: 5 5 during peak periods and a lower price when That's assuming the existing rate design A. 6 demand is lower, even though in Quebec 6 that the customer – that the marginal energy 7 7 itself, they're paying I think it's seven price that the customer would see would be 8 cents for a kilowatt. Are you aware that 8 say the 18 cents, for example. If you -if9 9 that's what they're doing at this stage? the rate design changed, then that wouldn't 10 MR. FAGAN: 10 necessarily be the case. But under the 11 Yes. Well, there's a number of utilities 11 current rate structure that math would work. 12 that have got time-of-use rates, but 12 primarily because their marginal costs vary BROWNE, Q.C.: 13 13 14 by time of use. On the system, while we 14 And then we asked in CA-NLH-033, in O. 15 were isolated, we didn't have that 15 reference to fuel costing, and the last 16 differential. So, the plan is to have – to 16 sentence there in reference "as such, Hydro 17 look at that much closer now going forward. 17 has not studied the potential impact on 18 Hydro will be – as a supplier for 18 customer demand?" and that's there for Newfoundland Power will try – will give them 19 19 everyone to read. 20 – try and give them a proper marginal price 20 But, it just goes to show, there's 21 signal, but then it will take – the parties 21 confused messages coming out of Hydro. In 22 will have to work together and determine 22 the one instance, you're telling people if they go to electric space heating, you're 23 what's proper for the retail customers and 23 24 Newfoundland Power play a major role in 24 going to punish your neighbour because we're

25

25

that

going to put up electricity for your

Page 45 Page 47 1 Well. I think that's a Government policy neighbour who has not seen fit to do that. A. 1 2 And on the other hand, you're telling us 2 decision on how they're going to deal with 3 there could be rate design which may give a 3 4 two-tiered system whereby people can get 4 BROWNE, O.C.: 5 charged more for more consumption or people 5 Well, you're the utility. Why does it fall Q. 6 could have a basic lifeline rate of 700 6 to government to – does government – I asked 7 kilowatts or time-of-use rates. There's all 7 you something quite specific. 8 kinds of variations out there. But, no one 8 MR. FAGAN: 9 knows what you're going to do. There is no 9 Well, because Government's put legislation 10 plan and people are out there on the move 10 out that requires Hydro to recover the full cost for Muskrat Falls from its customers. 11 now. 11 12 MR. FAGAN: 12 So, unless Government acts and changes that, 13 Well, I agree that the fear of customers 13 then Hydro has to do what legislation requires, the Government direction. 14 associated with what's going to happen with 14 rates is causing activity now because of 15 15 BROWNE, Q.C.: uncertainty in the plan with regard to where Yes, but you see, Muskrat Falls is not 16 16 Q. 17 rates will be. I think we're moving as 17 commissioned yet. We're talking about 2020. quickly as we can with regard to Hydro with We do have some time here. The only problem 18 18 respect to going through the regulatory 19 that we have right here is that Hydro is 19 process to try and implement rates for 20 20 jumping the gun by trying to get these Newfoundland Power, Island Industrials. additional costs for the Project which is 21 21 22 So, I agree – I take your point with 22 not commissioned. If Hydro took a different respect to no plan on where rates are going approach and told people "look, we're going 23 23 24 and customers' uncertainty on where rates 24 to go through a period of rate stability 25 25 until we can figure these things out" and so Page 46 Page 48 1 are going is prompting activity from 1 no one is hard done by, wouldn't that be the 2 customers, early adopters to other 2 better approach? 3 technologies, I think would be fair, which 3 (10:00 a.m.)4 is a challenge because they're basing it on 4 MR. FAGAN: 5 5 not having full information. I think that's Well now, in our settlement agreement, the A. 6 a concern. I agree with that. 6 proposed increase for retail customers is 7 7 But, we are doing – we are actively 1.2 percent. So, we deviated from the 8 doing things. I mentioned the work on 8 proposed off-island purchases deferral 9 9 account. So, I honestly believe that if Newfoundland Power's rate design. We've 10 done – we've had a report prepared looking 10 customers are going to get the savings from at economic development rates and load off-island purchases that the customer 11 11 retention rates. We had a report done on 12 should pay the cost of the assets used to 12 Labrador, looking at what we should do with get – to achieve the off-island purchases. 13 13 14 Labrador rates, to try and give customers a That's how we get the 130 million dollars. 14 15 better rate signal in Labrador over the long 15 So, I don't think it would be as fair to 16 term. So, we -16 give customers more than those savings and 17 BROWNE, O.C.: 17 take the cost of the 50 million and pump it 18 Q. But wouldn't the correct signal – excuse me. 18 off for future customers to pay. 19 Wouldn't the correct signal right now be to 19 BROWNE, O.C.: 20 tell customers there's going to be rate 20 Q. Because we've had an elasticity study done 21 stability, or you could end up paying lower 21 by Dr. Feehan, an economist at Memorial 22 rates for a while until we can figure this 22 University has written extensively on the province's electricity and electricity 23 out because there are options whereby 23 systems and Churchill Falls and beyond and 24 customers can pay lower rates now? 24

25

25

MR. FAGAN:

that's been entered into evidence. And if

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1	we can go to Dr. Feehan's report, The Long-	1	1200; heat pumps geothermal, that's cheaper
2	Run Price Elasticity of Demand for	2	again, 1000; and oil with an efficiency of
3	Electricity and the Feasibility of Raising	3	70 percent, 3400; and oil with a new oil
4	Electricity Rates to Finance Muskrat Falls,	4	furnace at 85 percent efficiency, it's
5	that's the title. And I just want to take	5	actually cheaper right now than electricity.
6	you, because I'm sure you've read all this,	6	And then, he goes to propane and woodstove
7	to Table 4 on page seven.	7	and other matters. And then, he takes it up
8	MR. FAGAN:	8	further. If the price were to go to 17
9	A. Table 3?	9	cents, electric baseboard heating is getting
10	BROWNE, Q.C.:	10	priced out of the market. If you go down
11	Q. Sorry, Table 4 on page seven.	11	and do all of the comparators again, and at
12	MR. FAGAN:	12	23 cents, which some of your documents tell
13	A. I think -	13	us we're going, you're out of the market
14	BROWNE, Q.C.:	14	entirely. Now, customers have an ability
15	Q. You said Table 3, but I'm saying Table 4.	15	despite what you're doing, or Newfoundland
16	MR. FAGAN:	16	Power might want to do or the utilities, to
17	A. But there is no Table 4 on page seven	17	manage their own finances. Ultimately,
18	though.	18	customers have a right to manage their own
19	BROWNE, Q.C.:	19	finances, and someone looking at these
		20	
20 21	Q. On my page seven there is. MR. FAGAN:	20	figures, would probably take appropriate
		21 22	action, wouldn't you agree?
22	A. Table 4 is page nine.	ı	MR. FAGAN:
23	MS. MASSIE:	23	A. Well, I haven't tested all of his math. I
24	Q. Table 3, page seven or Table 4, page nine.	24 25	know based on some math I had looked at,
25	BROWNE, Q.C.:	25	
1	Page 50	,	Page 52
	Q. Table 4, yeah, that's it right here.	1	that electric an oil heat are fairly
2	MR. FAGAN:	2	comparable currently. So, I don't think
3	A. Okay.	3	that changes anything with respect to the
4	BROWNE, Q.C.:	4	conclusions that he's brought, that you've
5	Q. Okay, page nine, sorry.	5	come to, but certainly, material increases
6	MR. FAGAN:	6	in electricity price without comparable
7	A. Okay.	7	changes in the price of oil for example, so—
8	BROWNE, Q.C.:	8	because if that goes up, that would change
9	Q. Table 4. And it's a comparison of annual	9	the numbers as well, would put electricity
10	spacing heating fuel costs, 2000 square foot	10	at a material disadvantage from being
11	detached house built after 1990 in St.	11	competitive and would certainly—could
12	John's. So, 2000 square feet, you're	12	influence customers to make major changes in
13	talking probably a bungalow there. Would	13	their usage patterns. I agree.
14	you not say, Mr. Fagan?	14	BROWNE, Q.C.:
15	MR. FAGAN:	15	Q. And by the way, you have—had an opportunity
16	A. That's fair.	16	to test Dr. Feehan's evidence, but no one
	BROWNE, Q.C.:	17	here wanted Dr. Feehan to come and appear to
17			anguar any quartiana Ca I tools it at
18	Q. And it's interesting because Dr. Feehan	18	answer any questions. So, I took it at
18 19	takes the electricity price at 11.4 cents	19	that, that his evidence is uncontroverted,
18 19 20	takes the electricity price at 11.4 cents which is whatthe price right now that	19 20	that, that his evidence is uncontroverted, but be that as it may, Table 5, can you go
18 19 20 21	takes the electricity price at 11.4 cents which is whatthe price right now that people are paying in their July bill. And	19 20 21	that, that his evidence is uncontroverted, but be that as it may, Table 5, can you go there for a moment, please?
18 19 20 21 22	takes the electricity price at 11.4 cents which is whatthe price right now that people are paying in their July bill. And in that he uses electric baseboard heat, and	19 20 21 22	that, that his evidence is uncontroverted, but be that as it may, Table 5, can you go there for a moment, please? MR. FAGAN:
18 19 20 21 22 23	takes the electricity price at 11.4 cents which is whatthe price right now that people are paying in their July bill. And in that he uses electric baseboard heat, and based on the usage he comes up with a figure	19 20 21 22 23	that, that his evidence is uncontroverted, but be that as it may, Table 5, can you go there for a moment, please? MR. FAGAN: A. I'm not questioning his numbers. The—but I
18 19 20 21 22	takes the electricity price at 11.4 cents which is whatthe price right now that people are paying in their July bill. And in that he uses electric baseboard heat, and	19 20 21 22	that, that his evidence is uncontroverted, but be that as it may, Table 5, can you go there for a moment, please? MR. FAGAN:

Augus	t 7, 2018		NL Hydro 2017 GRA
	Page 53		Page 55
1	saying.	1	we proposed, if I recall, 6.6 percent in '18
2	BROWNE, Q.C.:	2	and 6.4 percent in '19. We don't—the RSP
3	Q. Sure.	3	effect, you could forecast it when—ahead of
4	MR. FAGAN:	4	the game. What could happen the next year
5	A. Table 5?	5	could be materially different. So, it's—and
6	BROWNE, Q.C.:	6	it's not part of the General Rate
7	Q. But there's been an opportunity. He could	7	Application, but it wasn't reflected in
8	come forward and counsel can ask questions.	8	there. So, the—so that's what we started
9	They've decided not to do that for their own	9	out with. The forecast of Mr. Stratton
10	reasons. So, Dr. Feehan's evidence stands I	10	that—he's our forecaster, reflects—well,
11		11	
	would think. Table 5. It's a comparison of		he's using Newfoundland Power's forecast
12	annual hot-water heating fuel costs based on	12	because it's—we're dealing with short-term
13	240 litres a day, and he shows us what an	13	effects on customers. And so, I guess his
14	electric hot-water heater, an old one, at 85	14	own price of elasticity is built into the
15	percent would cost, at \$701 at 11.4 cents.	15	models and it's also reflected in
16	And then, he goes to a new one, 663. Oil	16	Newfoundland Power's model who also uses
17	standalone, it's higher at that rate.	17	elasticity in their forecasting. So, there
18	Propane standalone is higher. Propane	18	is some elasticity assumptions reflected in
19	standalone heater high at 93 percent	19	the forecasts that into the General Rate
20	efficiency, it outstrips the more—the most	20	Application, but like you say, on the short-
21	efficient hot-water heater. Then, when it	21	term basis the impacts are often not really
22	goes to 17 cents, if the price of	22	large. It's over the long term if rates go
23	electricity goes to 17 cents, you see his	23	up a lot, you could expect elasticity to
24	comparators there. And at 23 cents, there's	24	play a larger role and it's more of a
1 2 2		25	
25		25	
25	Page 54	25	Page 56
1		1	
1	Page 54 not too many around that are going to have electric hot-water heaters I would offer.	1	concern with respect to moving towards
1 2	not too many around that are going to have electric hot-water heaters I would offer.	1 2	
1	not too many around that are going to have electric hot-water heaters I would offer. So, I guess my question is, how could you	1 2 3	concern with respect to moving towards recovery of the Muskrat Falls costs I think than it would be at the current Rate
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	Page 57		Page 59
1	you'll see it there. It's on page 13 here.	1	had a material decrease being proposed at
2	"Rate Design." It says, "The	2	that time. So, we were hesitant to move
3	counterproductive impacts of raising	3	down that road without having more
4	electricity rates following completion of	4	certainty. So –
5	Muskrat Falls are a signal that simply	5	BROWNE, Q.C.:
6	raising the price per kilowatt is an	6	Q. What option is that of yours to tell this
7	incorrect approach to rate design." Do you	7	Board where the rates should be set?
8	agree with that?	8	Shouldn't rates be set based on various
9	MR. FAGAN:	9	principles and cost of service? You're
10		10	coming here before this Board saying,
ı	3, ,	11	
11	that you've got to look closer at what the		"That's not where we wanted to go." Surely,
12	marginal costs are, and you can't just	12	that is not your job. That's the job of the
13	automatically drive up the single—assume a	13	Board to make that determination.
14	single energy price for consumers and	14	MR. FAGAN:
15	increase it, you know, 50 percent. You've	15	A. It's our job to provide our best information
16	got to look at—try and give customers an	16	to the Board so they make the decision based
17	efficient price signal. So, try and build	17	on regulatory principles. And I actually
18	some cost recovery in, but on the marginal	18	believe our original application, which I
19	price you need to somehow reflect what makes	19	guess we've negotiated away from it, was
20	sense from an economic efficiency	20	actually consistent with regulatory
21	perspective. So, I actually –	21	principles, that it was putting the savings
22	BROWNE, Q.C.:	22	resulting from the use of the Muskrat Falls
23	Q. But that's not what your application did.	23	assets that will be accruing over the next
24	Your application said, "We got to get to 18	24	two years to be set aside for future
25		25	•
	Page 58		Page 60
1	cents come hook or"—"by hook or by crook as	1	customers that will be paying for the
2	soon as possible."	2	assets. So, from a regulatory principle
3	MR. FAGAN:	3	perspective, I actually think what we
4	A. But we've –	4	presented was correct. The—it didn't get
5	BROWNE, Q.C.:	5	customer acceptance and delaying moving
6	Q. And then, smoothing out rates. It was all	6	forward and implementing rates, then
7	about smoothing out rates as if no one was	7	resulted in increases being materially too
8	going to notice. So –	8	high to implement that for 2018 anyway. So,
9	MR. FAGAN:	9	I guess it'sthe debate—it's not really
10	A. I don't agree. Number one, this application	10	worth having a debate, but what we did
11	is not so much about what—and it never	11	present to the Board was based on regulatory
12	started out going towards 18 cents. It's	12	
			principles and I think—and we didn't know
13	started out going—we had the uncertainty in	13	what our forecast costs were going to be in
14	what our supply costs were going to be, and	14	2018 and 2019 to come –
15	I think we were right if we look back. If	15	BROWNE, Q.C.:
16	we look back when we were preparing our rate	16	Q. And do you know now?
17	case, we were uncertain about when the	17	MR. FAGAN:
18	Labrador Island Link was going to be in	18	A. There's still a lot of uncertainty, and that
19	service. It was talked about being in	19	actually is a concern with giving the excess
20	service in April at the time when I was	20	revenues towards rates, sogoing forward at
21	preparing evidence. And now, we're talking	21	this stage. So, it's a very difficult time
22	about October. So, if we had filed our case	22	for preparing a rate application when your
	at that time maffecting all these gavings	22	1
23	at that time, reflecting all these savings	23	largest cost, which is your supply cost,
23 24	with the Labrador Island Link, we would have	23 24 25	could vary from a hundred million dollars

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1	or—one way or another. So, I think what we	1	we were into estimating. It used to be bi-
2	presented was what we believed was the right		monthly estimating. You did—I think Mr.
3	thing to do and obviously, we didn't get the	3	Browne, you may recall bi-monthly estimating
4	full agreement on that, but I don't think	4	back in the mid-nineties. The—so, we'd
5	there was anything wrong with what we did.	5	estimate customers every second month, and
6	I think in principle what we did was	6	so I created this algorithm for doing
7	correct.	7	estimates. It used to do well, except for
8	(10:15 a.m.)	8	people with dual fuel because you didn't
9	BROWNE, Q.C.:	9	know when they were going to switch back and
10	Q. It's all there for everyone to read. So,	10	forth. And so, when you get the customer
11	it's no sense to go and doing the back and	11	concerns with where the prices are going,
12	forth on that. Line 35, Dr. Feehan, who did	12	people movethose that are—have maintained
13	read all the applications, says, "Setting	13	the dual systems, quickly move over. So,
14	prices in that way is not related to the	14	they're the early adapters to the alternate
15	core economic principle of marginal cost	15	service. And especially in rural areas
16	pricing and has demonstrated therein it	16	that's common. So, but on those peak days
17	fails to take into account of consumer	17	for those customers and with the elderly
18	response to higher prices." Then, at line	18	population and aging population of
19	37, "The higher rates for island customers	19	Newfoundland, you're less likely to go out
20	would push them away from consuming	20	and bring in the wood if you get two or
21	electricity even though the benefits to	21	three real cold days in a row. So, you can
22	island consumers from using that electricity	22	still get the—despite a peak from those
23	may well exceed the export revenue it	23	customers even though they're dual fuel, and
24	earns." Do you agree with that last	24	you're losing your energy. So, the products
25	curis. Do you agree with that last	25	you ie iosing your energy. So, the products
1 23		23	
23	Page 62	25	Page 64
1	Page 62 sentence?	1	Page 64 I viewed are different. So, that was one of
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	sentence? MR. FAGAN: A. I actually have a couple of issues with what Dr. Feehan said in his evidence, but – BROWNE, Q.C.: Q. Did you tell your counsel there were issues with Dr. Feehan's evidence? MR. FAGAN: A. But what I was going to say is that there were not with that paragraph. I actually agree with his statements there. My primary issues with Dr. Feehan's evidence is that he ignored or—and it's more a technical issue with that, not looking at capacity separate from energy. Okay. And, but I agree with him that you've got to look at marginal cost pricing and rate design as well. So, that was my only two points with Dr. Feehan's evidence, there's one about there was an issue with capacity and energy are not necessarily the same product for elasticity effects. We've got—because in Newfoundland	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	I viewed are different. So, that was one of my—he didn't go into the detail and I think that was—he was taking a higher-level approach to his evidence. So, I really didn't have an issue with that, but it was just that matter I thought was worth mentioning, but - BROWNE, Q.C.: Q. Okay. Thank you, Mr. Fagan. MR. FAGAN: A. Yeah. BROWNE, Q.C.: Q. The concluding remarks of Dr. Feehan's report, Dr. Feehan says, "This report has presented an assessment of relevant long-run price elasticities for electricity and fuel substitution possibilities. Based on that assessment, it appears that a large increase e.g. by 50 percent or more in the per kilowatt price of electricity would be problematic. Not only would it be a burden to all island interconnected customer

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1	that would impede Nalcor's evidence to raise	1	been directed to recover the costs. We're
2	the revenue through hydro rates to pay for	2	not sure yet what the target rate is for
3	Muskrat Falls. Island consumption could	3	customers, and when they talk a target rate,
4	fall by so much that Muskrat Falls could	4	I think they're talking an average unit cost
5	become solely an export project. Since	5	rate. It hasn't—people haven't got into
6	there has been no indication such basing"—	6	that detail. So, the assumption that we may
7	"that such pricing is based on economic	7	not implement some other forms of rates to
8	principles, there is no reason to believe	8	give customers better marginal cost signals,
9	that these outcomes are consistent with	9	hasn't really been thought about, that
10	optimal economic use of the province's	10	perspective. Everybody thinks the average
11	electrical energy." Do you have any	11	is 12. So, you're going to go to an average
12	comments on Dr. Feehan's conclusions? And	12	18, but I think it's highlighting—his report
13	he uses "by 50 percent or more" because of	13	highlights the importance of looking at ways
14	the 18 cents that was popping up all around	14	that—to deal with the problem, and marginal
15	your evidence, everything 18 cents, 18	15	cost pricing is an important one to
16	cents.	16	consider. So, I—from that perspective, I
17	MR. FAGAN:	17	agree with a lot of his points, it's just
18	A. Oh, I understand.	18	some –
19	BROWNE, Q.C.:	19	BROWNE, Q.C.:
20	Q. And of course, now we're at 11 cents. So,	20	Q. Thank you, Mr. Fagan.
21	but he does in his evidence also go by—he	21	MR. FAGAN:
22	starts at 11.4 and shows what will happen	22	A. Okay.
23	and continues to go up. So, do you have	23	BROWNE, Q.C.:
24	comments on that?	24	Q. And thank you for your evidence.
25		25	
	Page 66		Page 68
1	MR. FAGAN:	1	MR. FAGAN:
2	A. On the matter with regard to Muskrat Falls	2	A. Okay, thanks.
3	being solely an export project, Muskrat	3	BROWNE, Q.C.:
4	Falls is need for capacity, not just energy.	4	Q. Thank you.
5	So, if capacity requirements—so, if we	5	CHAIR:
6	assume Dr. Feehan is right with regard to	6	Q. Mr. Browne, thank you. Thank you, Mr.
7	customer energy reduction, I don't think you	7	Fagan. Mr. Coxworthy?
8	can make the same assumption with regard to	8	MR. COXWORTHY:
9	capacity reduction. So, Muskrat Falls would	9	Q. Thank you, Madam Chair. Good morning, Mr.
10	obviously be critical for providing capacity	10	Fagan.
11	to the system. The—with regard to Nalcor's	11	MR. FAGAN:
12	efforts to raise revenue, I think it would	12	A. Good morning, Mr. Coxworthy.
13	depend on the market value of exports. So,	13	MR. COXWORTHY:
14	if markets improved and customers conserved,	14	Q. If we could turn to CAN—I'm sorry, CA-NLH-
15	the impact may not be as extreme, the	15	057? Page 2, please. And I think this
16	benefit—if the government was providing the	16	table has been brought to your attention
17	benefits back to customers. So, there's a	17	previously, Mr. Fagan, but I just wanted to
18	lot of things that could happen that could	18	review it and understand it. As I
19	change it. But I think it also—he correctly	19	understand, that's the total amount
20	raises the matter that you've got to look at	20	available as excess recapture, and not
21	• • •	21	
1 / 1	marginal cost pricing for customers and	∠ I	necessarily deliverable to the island, but

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that's an important factor. I think we've

utility, we've got the obligation and we've

got to try and balance it though. As a

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2018 to 2020?

MR. FAGAN:

available on a monthly basis for the period

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1	A. That's my understanding, but could you move	1	a monthly basis weren't necessarily fixed,
2	to page 1 so I can just read the	2	and I understood that in the context of 2018
3	introduction, please, first to make sure I'm	3	that even though those numbers, 115, 123,
4	interpreting correctly?	4	105, you know, would only add up to a
5	MR. COXWORTHY:	5	certain amount, that it would be possible
6	Q. Yes, I think line 11 and line 12.	6	maybe to shift some unused power from
7	MR. FAGAN:	7	earlier months, or is that, did I
8	A. That's okay. I agree with your statement.	8	misunderstand that in the context of this
9	MR. COXWORTHY:	9	particular –
10	Q. Thank you. If we could go back then to page	10	MR. FAGAN:
11	2? So, in other words, just to use an	11	A. I didn't mean to imply that.
12	example, in December 2018, December 2019,	12	MR. COXWORTHY:
13	and December 2010, Hydro is—has been advised	13	Q. Okay, I may have been thinking about not
14	I suppose that that's who much recapture	14	what's available, but what's deliverable to
15	energy is available?	15	the island over the LIL once the LIL is in
16	MR. FAGAN:	16	service, whether that's October 1st or
17	A. Yes, based on the forecast that was in place	17	otherwise.
18	at the time that this was prepared, yeah.	18	MR. FAGAN:
19	MR. COXWORTHY:	19	A. My only point, what I was discussing with
20	Q. And that's at a—is that a Hydro forecast or	20	Mr. O'Brien yesterday, that some power is
21	is that Nalcor or a Nalcor entity that make	21	coming over now during the testing period.
22	that forecast and provides you with that	22	MR. COXWORTHY:
23	information?	23	Q. Some recapture power.
24	MR. FAGAN:	24	MR. FAGAN:
25		25	A. Recapture power, yes, and so that would be
	Page 70		Page 72
1	A. I think it's probably an output of a Hydro	1	providing savings now. You're going to get
2	forecast because we look at Hydro's native	2	much more material increase in savings once
3	load requirements on the Labrador	3	the LIL is considered in service, and you've
4	Interconnected System, and that would be the	4	got this additional agreement for supporting
5	excess.	5	power coming in from Labrador.
6	MR. COXWORTHY:	6	MR. COXWORTHY:
7	Q. And how much can be brought to the island of	l	Q. So to go back to my original or the original
8	course is dependant on what can be brought	8	tact that was taken here, then in December,
9	over the LIL?	9	to use December as an example, December
10	MR. FAGAN:	10	2018, December 2019, December 2020, the
11	A. Yes.	11	maximum number in terms of available
12	MR. COXWORTHY:	12	recapture in that month for those three
13	Q. And what requirements there are in Labrador	13	years is going to be 105, there's no way of
14	is the other limiting factor.	14	increasing it.
15	MR. FAGAN:	15	MR. FAGAN:
16	A. Yeah, and I think there's technical issues	16	A. That's my understanding, yes.
17	as well because I think we discussed	17	MR. COXWORTHY:
18	yesterday whether you being 110 versus 225,	18	Q. Thank you. So if we can move down a little
19	so it depends where it's, if there was	19	bit on page 2 to line 5 and 6, we are
20	additional generation supporting it, from a	20	referred by this RFI response "for more
21	firm perspective you can bring more.	21	detail on projected volumes for recapture
22	MR. COXWORTHY:	22	energy for the island, please refer to
23	Q. And I had understood from your evidence and	23	Hydro's response, NP-NLH-115." So if we could look to revision 1 of NP-NLH-115.
24	maybe I misunderstood that these figures on	24	
25		25	Sorry, the attachment, page 1 of 1, thank

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1	you. And I realize these figures have	1	Q. But what I wanted to do was compare the
2	changed somewhat in the supplementary	2	numbers that are shown for recapture in CA,
3	evidence that's been recently filed, so I	3	I'm sorry, NP-NLH-115, which we just saw,
4	acknowledge that, but I just want to look at	4	which are 399 and 919 for 2018 and 2019, and
5	these numbers in the context of what was	5	those are lower figures than what's shown in
6	previously filed and then bring it forward.	6	Table 1, page 2 of the supplementary
7	So we see the top line there, the CF(L)Co	7	evidence that was filed August 3rd.
8	Recapture, 2018, 453; 2019, 1055; 2021, 33	8	MR. FAGAN:
9	and correct me if I'm wrong, it goes down in	9	A. That's correct.
10	2020 because of the need to start taking	10	MR. COXWORTHY:
11	Muskrat Falls power, not because there's	11	Q. Okay, and what's your understanding, for
12	less recapture available to cover the	12	instance in 2018 why that number is higher?
1	island.		
13		13	Where is the extra recapture energy coming
14	MR. FAGAN:	14	from?
15	A. Yes, and the Muskrat Falls pre-commissioning		MR. FAGAN:
16	would be at zero cost, so it would be	16	A. 2019?
17	cheaper.	17	MR. COXWORTHY:
18	MR. COXWORTHY:	18	Q. For 2018.
19	Q. Sure, it makes sense to bring it from a cost	19	MR. FAGAN:
20	point of view, thank you. So looking at	20	A. Oh, 2018.
21	2018 and 2019, those are, I'll call them	21	MR. COXWORTHY:
22	gross numbers because there's losses	22	Q. And despite the fact that we're only going
23	associated with those, if you look at line	23	to be able to start bringing it on in the
24	D, and the actual amount that's deliverable	24	last three months at best of 2018.
25	to the island is shown at line A.	25	MR. FAGAN:
	Page 74		Page 76
1	Page 74 MR. FAGAN:	1	
1 2	MR. FAGAN: A. Yes, okay.	1 2	Page 76
1	MR. FAGAN:		Page 76 A. Well it's the cumulative effect over, I
2	MR. FAGAN: A. Yes, okay. MR. COXWORTHY:	2	A. Well it's the cumulative effect over, I think—I'm not really close to it, but I
2 3	MR. FAGAN: A. Yes, okay. MR. COXWORTHY: Q. 388 and 919, and those are not the same	2 3	Page 76 A. Well it's the cumulative effect over, I think—I'm not really close to it, but I think it's the cumulative effect over October, November, December because you
2 3 4 5	MR. FAGAN: A. Yes, okay. MR. COXWORTHY: Q. 388 and 919, and those are not the same figures, correct me if I'm wrong, that we're	2 3 4 5	A. Well it's the cumulative effect over, I think—I'm not really close to it, but I think it's the cumulative effect over October, November, December because you could bring in 225 megawatts in those months
2 3 4	MR. FAGAN: A. Yes, okay. MR. COXWORTHY: Q. 388 and 919, and those are not the same figures, correct me if I'm wrong, that we're seeing in the supplementary evidence as	2 3 4	A. Well it's the cumulative effect over, I think—I'm not really close to it, but I think it's the cumulative effect over October, November, December because you could bring in 225 megawatts in those months versus 110 megawatts in the original
2 3 4 5 6 7	MR. FAGAN: A. Yes, okay. MR. COXWORTHY: Q. 388 and 919, and those are not the same figures, correct me if I'm wrong, that we're seeing in the supplementary evidence as deliverable as CF(L)Co recapture, and of	2 3 4 5 6 7	A. Well it's the cumulative effect over, I think—I'm not really close to it, but I think it's the cumulative effect over October, November, December because you could bring in 225 megawatts in those months versus 110 megawatts in the original evidence that was filed.
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Page 79 Page 77 MR. COXWORTHY: 1 MR. FAGAN: 1 2 Sure, so there would have been extra time to 2 Q. A. Right. 3 bring over power at 225, so I guess I'm not 3 MR. COXWORTHY: 4 understanding why it was being projected as 4 And that's understandable, but I want to O. 5 5 being lower at a time when we have six understand, or have a better understanding 6 months of, I'll call full in-service LIL, as 6 of those risks and what might still be 7 opposed to three. 7 available to be done to mitigate them in the time that's available, and also to 8 MR. FAGAN: 8 9 9 Okay, if you went to page 2 of the understand, you know, just how, what 10 supplemental evidence and lines 7 to 9 where 10 circumstances could give rise to that risk, we say "other off-island purchases include so looking at the recapture energy for 2018, 11 11 12 short-term economic purchases, those that 12 I think it's your evidence that that 493 is 13 have occurred year to date as well as firm 13 based on the LIL being in service, full in longer term contracted purchases which are 14 14 service, I'll call it, in 2018, in October forecast to commence this fall", that 15 15 1st, 2018. contract provides the ability for us to 16 16 MR. FAGAN: bring more recapture in and that wasn't in 17 17 That's what the production plan reflects, 18 place at the time of the preparation of NP-18 yes. MR. COXWORTHY: 19 115. 19 (10:30 a.m.)20 Okay, so if it's November 1st, 2018, if 20 Q. 21 MR. COXWORTHY: 21 that's what turns out to be LIL full in 22 22 Thank you, so that's the reason for the service, and by full in service, I mean able difference. And does that contract allow to carry 225. 23 23 24 for even more than 493 to be brought over in 24 MR. FAGAN: 25 2018? Could it? 25 Okay, that's fair, for purposes of, yes. Page 78 Page 80 MR. COXWORTHY: 1 MR. FAGAN: 1 2 2 A. Not given the timeframe presented is my Q. We agree that that's what we both mean – 3 understanding, so the timing of the contract 3 MR. FAGAN: 4 and the timing of LIL would dictate that 4 That would be okay for the mathematics we're A. 5 5 number and it would be done in combination talking about, yes. MR. COXWORTHY: 6 with the available excess. 6 7 7 MR. COXWORTHY: Okay, so if it turns out that that time is 8 And the reason I'm asking these questions 8 not October 1st, 2018, but November 1st, 2018, Q. 9 and I'm sorry for sort of covering the same 9 for argument sake, can you tell us, if not 10 ground, is if you're raised and in fairness 10 by exact figures, by what magnitude that the supplementary evidence has raised the 11 11 would have an impact on the recapture energy risk that the off-island purchases or off-12 for 2018? 12 island deliveries, which—and I'll include MR. FAGAN: 13 13 14 recapture broadly within that category, 14 I don't know, we can get it. 15 could possibly be less than what's being 15 MR. COXWORTHY: 16 forecast, that's the risk with forecasts is 16 Is it possible for you to get that 17 they, of course, can go either way. information for us? 17 18 MR. FAGAN: 18 MR. FAGAN: We can get that information. 19 I just believe it may have gotten a little 19 A. Α. 20 higher because we're now so much later in 20 (10:36 a.m.)21 the year with regard to the month of the 21 MR. COXWORTHY: 22 timing of LIL. 22 Q. If I could have an undertaking for that, and 23 MR. COXWORTHY: 23 could I have it also for, if the full in You got less margin to make up your 2018, 24 O. 24 service date is December 1st, 2018? less time to make up any glips in 2018. 25 25 MR. FAGAN:

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1	A. Sure.	1	information that is confidential, but would
2	MS. GLYNN:	2	it be confidential to break down that figure
3	Q. Noted on the record.	3	for 2018 and 2019 by month?
4	MR. COXWORTHY:	4	MR. FAGAN:
5	Q. And before we leave, I'm sure we may be back	5	A. I'd have to ask my production people.
6	to Table 1, but before I leave Table 1 for	6	MR. COXWORTHY:
7	now, that is in the August 3rd filing,	7	Q. So not saying where it came from, but you
8	Hydro's most recent and up-to-date	8	know, how much other off-island purchases
9	information with respect to available	9	are coming in in January, how much is coming
10	recapture energy and off-island purchases	10	in and I understand –
11	for 2018 and 2019?	11	MR. FAGAN:
12	MR. FAGAN:	12	A. I'd be surprised if it is, I think we should
13	A. Could you just repeat that, please?	13	be able to provide it.
14	MR. COXWORTHY:	14	MR. COXWORTHY:
15	Q. The information in Table 1 of the August 3rd,	15	Q. I wouldn't have thought it was either, but
16	2018 filing, that is Hydro's most recent,	16	on the other hand, you know, I don't want to
17	most up-to-date information on the available	17	presuppose anything, so –
18	recapture energy and other off-island	18	MR. FAGAN:
19	purchases, the expected supply for 2018 and	19	A. We'll check into it.
20	2019?	20	(10:36 a.m.)
21	MR. FAGAN:	21	MR. COXWORTHY:
22	A. That's correct, yes.	22	Q if we could have an undertaking for that,
23	MR. COXWORTHY:	23	subject to check, in terms of any concerns
24	Q. Still on Table 1, for the 2018 recapture	24	with confidentiality.
25	energy, would it be possible to get a	25	MR. FAGAN:
	Page 82		Page 84
1	monthly breakdown of how much of that is	1	A. We could try and build both of those into a
2	coming in in October of 2018, how much of	2	single undertaking, I suppose.
3	that is coming in or projected to come in in	3	MR. COXWORTHY:
4	November 2018, how much of that is projected	4	Q. Yes, we can treat it as one big undertaking,
5	to come in –	5	really it's providing us a monthly breakdown
6	MR. FAGAN:	6	of Table 1 in terms of the recapture energy
7	A. I think we bill that into the undertaking	7	and the other off-island purchases, the
8	that you requested.	8	latter to the extent that, you know, we're
9	MR. COXWORTHY:	9	not violating any confidentiality concerns.
10	Q. I think that information will come from	10	And I guess the last thing with recapture
11	that.	11	energy is I've only talked about October,
12	MR. FAGAN:	12	November, December, but you've talked about
13	A. Yes.	13	some recapture energy has already been
14	MR. COXWORTHY:	14	brought in over the LIL, and we've been told
15	Q. But I would like to have the same	15	this by others, it's already happened,
16	information for 2019 for recapture energy,	16	there's already been some brought over.
17	break it down by month.	17	Those numbers, are they in the 493 as well?
18	MR. FAGAN:	18	If 485 gigawatt hours came over in June, for
19	A. Sure.	19	argument sake, is that in the 493?
20	MR. COXWORTHY:	20	MR. FAGAN:
21	Q. And I understand and there's a footnote	21	A. There's a forecast of what we're bringing
22	there, footnote for off-island purchases and	22	over testing reflected in that.
23	the footnote says we don't to provide a	23	MR. COXWORTHY:
24	breakdown for confidentiality purposes, and	24	Q. Yeah, okay, so if we could have the figures
25	I certainly don't want to seek any	25	for previous months, previous to October, of

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1	what's come over every month?	1	you'd probably still get some, but limited,
2	MR. FAGAN:	2	so let's assume you still get the 45
3	A. So a monthly breakdown of '18 and '19.	3	megawatts, for example, but then when you're
4	MR. COXWORTHY:	4	looking at other off-island purchases, I
5	Q. For everything that was in 2018, that's	5	guess the parties that you would be
6	right, and '19. Thank you. I think that	6	negotiating would know that your marginal
7	covers it.	7	costs are still Holyrood, so you're not
8	MS. GLYNN:	8	going to get near the price and savings that
9	Q. So that will all be one undertaking.	9	you'd be getting if you could use recapture,
10	MR. COXWORTHY:	10	okay?
11	Q. One big undertaking. Thank you. In terms	11	MR. COXWORTHY:
12	of the other off-island purchases and the	12	Q. It still might be cheaper than Holyrood, but
13	amounts that are being shown for 2018 and	13	it's not going to be as cheap as the
14	2019, and I guess there's a risk if the LIL	14	recapture.
15	isn't commissioned, fully commissioned in	15	MR. FAGAN:
16	October or November or December, that you're	16	A. Right, and we talked a bit yesterday about
17	not going to be able to bring the full	17	in Table 2, I think the average price in '18
18	amount of recapture energy that's shown	18	was probably around 12 cents a kilowatt
19	there, and I guess I want to explore again	19	hour, so which would be less than the
20	without getting into any, hopefully any	20	average fuel costs, but you'd be getting,
21	confidentiality issues, the extent to which	21	you know, it's still material dollars, but
22	there is flexibility or opportunity to	22	you're probably talking one-tenth of the
23	increase other off-island purchases, so the	23	magnitude that you would be getting with
24	line there, 113 and 96, so if it turns out	24	regard to the recapture or more obviously.
25	that the recapture energy amounts are not	25	MR. COXWORTHY:
25	· • • • • • • • • • • • • • • • • • • •	23	
1	Page 86	1	Page 88
1	what were forecast originally, how nimble	1	Q. And I would think that would be probably
2	does Hydro have to be or now nimble can	2 3	difficult to reach long-range contracts, and
3	Hydro be to make up those deficits by		that's why I was wondering what the spot
4	getting more other off-island purchases, and	4	opportunities, where someone has surplus
5	I did ask Jennifer Williams some questions	5	energy, they want to sell it, you know, this
6	around this about in addition to long-range	6	is not a question of, and you know, they're
/	contracts, there also was an opportunity	7	willing, perhaps, to sell it at a price
8	from time to time to take advantage of	8	that's less than they would have sold it at
9	opportunities that would show up, you know,	9	a long range where they're taking all these
10	you know, in a shorter term, sort of buy	10	other things into account.
11	things on the spot market, if I can put it	11	MR. FAGAN:
12	that way, buy power on the spot market,	12	A. But you are limited in the spot, from the
13	which didn't necessarily require the same	13	perspective of a New England market with
14	amount of long-range planning. Do you know	14	regard to, Mr. Browne just brought up,
15	whether there is any plan or objective for	15	response CA-263, that even with the average
16	Hydro should it be unable to meet the	16	cost in a day being about 4 cents per
17	recapture energy targets that are shown	17	kilowatt hours US, by the time you get it to
18	there, to try and make that up with other	18	the island, you're dealing with 10 to 11
19	off-island purchases?	19	cents per kilowatt hour, assuming it's
20	MR. FAGAN:	20	available. We've got no capacity
21	A. Well a couple of points on that, if the	21	constraints limiting access to –
22	Labrador Island Line wasn't available, if we	22	MR. COXWORTHY:
23	assume it wasn't available at '18 for a	23	Q. And that's just because of the wheeling
24	moment, okay, so you'd be back to, I guess,	24	rates that are involved, it's not a
25	let's go back to testing, I suppose, so	25	negotiation problem so much as that's just

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1	intrinsically because of the wheeling rates	1	notice that look, everything is going the
2	_	2	right way, we have a high level of
3	MR. FAGAN:	3	confidence October 1st, 2018 is the date.
4	A. Right, it's your transmission tariffs and	4	MR. FAGAN:
5	it's your losses, primarily, that you're	5	A. I'm not sure, I just know there's still a
6	paying –	6	lot of uncertainty based on talking to
7	MR. COXWORTHY:	7	Nalcor Power Supply about that date, but I
8	Q. So you think even on the spot market the	8	expect as things evolve over the, you know,
9	best you're likely to achieve is 10 or 11	9	next few weeks, and they have ongoing
10	cents?	10	meetings, there'll be updates, so I'm sure
11	MR. FAGAN:	11	one would hope that, you know, well before
12		12	that you would have a feel for whether it's
	, , ,		•
13	is, obviously the parties that are closer to	13	achievable or not, but I really don't know.
14	you, you've got less losses and less	14	MR. COXWORTHY:
15	transmission tariffs, so but of course, they	15	Q. If Hydro were to be told, say September 1,
16	also know what your marginal costs are, so	16	you know what, we're not going to make
17	while you may have less transmission tariffs	17	October 1st, it's going to be November 1st,
18	and less losses, it doesn't necessarily mean	18	2018, what, if anything, would Hydro do to
19	you get a better deal because if the party	19	try and mitigate that effect in terms of
20	knows what your marginal costs are, they're	20	off-island purchases savings for customers?
21	negotiating with respect to that, so you	21	MR. FAGAN:
22	will, I think if you didn't have the	22	A. Well it depends on which perspective, I
23	Labrador Island Link, you wouldn't have	23	think obviously we'd, from a GRA rate
24	additional off-island purchases over the	24	setting perspective, I think, depending on
25	Maritime Link, but your savings wouldn't be	25	when we get the Board order, I think we'd
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1	large, not in the magnitude of the dollars	1	want to modify our excess revenues for
2	we're talking about.	2	purposes of our compliance filing. From a
3	MR. COXWORTHY:	3	production planning perspective, I think
4	Q. So I'm taking from this, and correct me if	4	they'd obviously look at what their other
5	I'm wrong, that to achieve forecast savings	5	options are for off-island purchases, so
6	from off-island purchases or deliveries, and	6	they continue to get whatever savings they
7	I include broadly within that the recapture	7	can for customers.
8	energy, it's very important that that level	8	MR. COXWORTHY:
9	of recapture energy by achieved, in terms of	9	Q. So I think you're suggesting there might—the
10	deliverables to the island?	10	result in some changes in the compliance
11	MR. FAGAN:	11	filing?
12	A. That's correct.	12	MR. FAGAN:
13	MR. COXWORTHY:	13	A. Yes, I believe that would be the prudent
14	Q. And very important in 2018 that that October	14	thing to do.
15	1, 2018 date be achieved for in service?	15	MR. COXWORTHY:
16	MR. FAGAN:	16	
17		17	•
	A. That's correct. MR. COXWORTHY:	18	could turn to page 15, and Mr. O'Brien asked
18			you some questions about this page, Mr.
19	Q. When will Hydro know whether October 1st,	19	Fagan, and I asked Ms. Hutchens when she was
20	2018 is going to be achieved? Not that	20	present for presentation of this slide show
21	that's what we're aiming for, or that's our	21	to Hydro's executive and I understood that
22	aggressive target or our reach target, when	22	she said she had been. Were you at the same
23	will Hydro be advised by Nalcor, yes, will	23	presentation or did you have any—were you
24 25	it be the very day they know they can, or	24	present at any presentation of this
	will they be able to give you some advance	25	SlideDeck by Nalcor?

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	Page 93		Page 95
1	MR. FAGAN;	1	is a page with a graphical representation
2	A. I was at a presentation when this SlideDeck	2	and I apologize, I don't have the page
3	was presented.	3	number here correctly, I think it's after
4	MR. COXWORTHY:	4	page 15, if we could scroll down.
5	Q. Okay, and by someone who knew what—who was	5	MR. FAGAN:
6	involved in the preparation of the SlideDeck	6	A. It's got an odd shape on it.
7	or understood the information that was	7	MR. COXWORTHY:
8	included in it?	8	Q. Continue to scroll down. I'm sorry, this is
9	MR. FAGAN:	9	why, it's in a different document,
10	A. There was several representatives of Nalcor	10	Undertaking 54.
11	Power Supply present.	11	MR. FAGAN:
12	MR. COXWORTHY:	12	A. 54, okay.
13	Q. And the O&M cost here estimated and Mr.	13	MR. COXWORTHY:
14	O'Brien highlighted the fact that in 2012	14	Q. If we can turn to Undertaking 54, so I had
15	they were estimate at 34 million and five	15	my page number right, just my documents
16	years later, 109 million and you were asked	16	wrong. And I think Undertaking 54, page 12.
17	whether you had any understanding as to why	17	MR. FAGAN:
18	it increased, and I think you had indicated	18	A. I recall Mr. Marshall giving a presentation
19	obviously that the first level, the first	19	and talking about the increased O&M, first
20	estimate had been a high-level estimate, and	20	time it went out publicly, and it's my
21	these things tend to go up, as you refine	21	understanding it was based on a percentage
22	them, and I guess the passage of time as	22	of capital in coming up with the number, but
23	well might be an explanation. Do you have	23	the detail behind it, I wasn't sure, but it
24	any other understanding of why it has	24	sounds reasonable when they talk about the
25	increased from 34 million to 109 million?	25	industry standard, what you're pointing to?
	Page 94		Page 96
1	And I guess in asking that, I'd ask you to	1	MR. COXWORTHY:
2	look at the sub bullet "updated annual O&M	2	Q. So is that rule of thumb might be putting it
3	costs to be consistent with industry	3	to glibly, but is it the idea that if you
4	standard equals 100 million", so I read that	4	have an asset that's worth "X", your O&M,
5	and I take from that that that's an attempt	5	your transmission O&M will be a fixed
6	to indicate, at least in part, why there's	6	percentage of that?
7	been an increase because if you add the 100	7	MR. FAGAN:
8	million to the 9 million before that, you	8	A. What?
9	get the 109 million. So in the context of	9	MR. COXWORTHY:
10	your being present at that presentation, do	10	Q. Or should be at least within a range of a
11	you have an understanding of what industry	11	fixed percentages?
12	standard is being referred to there?	12	MR. FAGAN;
13	(10:45 a.m.)	13	A. I think it depends on the maturity with
14	MR. FAGAN:	14	respect to age of the assets and whether
15	A. I think there's another slide here which	15	you're looking at original costs or real
16	refers to a percent of capital.	16	dollars, there's a number of factors that
17	MR. COXWORTHY:	17	will come into play, whether it's new
18	Q. And I was wondering whether it might be,	18	assets. I don't think, I don't know if I
19	yeah, I think you might be referring to page	19	can accept it as a standard approach, we've
20	12. If we can turn to page 12?	20	had that debate over the specifically
21	MR. FAGAN;	21	assigned charge and how original costs can
22	A. If you've got it there, just turn to page	22	distort an estimate of O&M. If an asset
23	12.	23	costs double what it was budgeted to cost, I
24	MR. COXWORTHY:	24	don't know if you would assume that your O&M
25	Q. Not page 12, I've got my numbers—but there	25	would double, so I struggle with the

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1	standard of applying a percentage to the	1	present the costs the same way we present
2	capital.	2	our O&M costs to the Board, showing the
3	MR. COXWORTHY:	3	detailed information. So that led to the
4	Q. Sure, and look, to use the example you're	4	breakdown of information, but it was
5	just using with specifically assigned	5	strictly related to the Labrador Island Link
6	charge, is that, you know, the Industrial	6	and the Labrador Transmission Assets because
1 7	Customer's expert, Patrick Bowen, has, I	7	that's always been proposed for recovery at
8	think previously testified that, you know,	8	this time.
9	the best world would be where we track O&M		MR. COXWORTHY:
10	charges individually, rather than just apply	10	Q. That's the information that's in Undertaking
11	a global percentage and I guess, you know,	11	54.
12	taking that sort of dichotomy between doing,	12	MR. FAGAN:
13	assigning a fixed percentage to, based on	13	A. Yes, which is consistent with the response
14	the gross value of an asset, as opposed to	14	to PUB-18.
15	tracking specifically O&M, I guess that's	15	MR. COXWORTHY:
16	what I'm trying to get at here, is in terms	16	Q. Sure, and there's no more detailed
17	of what is Hydro's understanding of how	17	information than that as to—that Hydro has
18	Nalcor is calculating its transmission O&M?	18	received.
19	Is it a tracking model that they're using,	19	MR. FAGAN;
20	they're tracking individual O&M costs and	20	A. There's no more detailed information we've
21	that's what they're going to present to you	21	been told is available as of yet.
22	in an invoice, or are they saying, no, this	22	MR. COXWORTHY:
23	is the gross value of the assets that are	23	Q. So going back then to IC-NLH-122 and page
24	involved and there is a certain percentage	24	15, so again, to be consistent with industry
25	that we should be receiving as transmission	25	standard equals 100 million, you had
-	Page 98		Page 100
1	O&M based on that gross value and based on	1	mentioned I think Christensen's in the
2	an industry standard which, you know, again,	2	context of questioning around this that Mr.
3	I take you back to that question as to	3	Browne put to you, and I guess based on
4	whether you understand what industry	4	their review, do you have an understanding
5	standard they're referring to, but based on	5	as to what industry standard is referring to
6	some industry standard, and taking that	6	in that slide?
7	number as, well that's the number that we	7	MR. FAGAN:
8	should be receiving, quite apart from	8	A. I discussed this industry standard being
	whether that tracks as exactly what we've	9	mentioned to you with regard to a percentage
10	spent, so what is your understanding based	10	of capital to Christensen's and they weren't
11	on what's been presented to you in these	11	comfortable with use of that industry
12	documents and otherwise of how Nalcor is	12	standard and felt you needed to look more on
13	calculating the transmission O&M?	13	the lines of benchmarking of other
14	MR. FAGAN:	14	utilities' O&M costs, but certainly breaking
15	A. Well, as I recall after this information	15	down AC versus DC. The difference in AC
16	became available to Hydro, we requested	16	they indicate, and DC, wouldn't be that
17	detail of the O&M costs that were presented	17	different except for convertor stations are
18	because of the material increase compared to	18	a large portion of the costs, so you need to
19	what was in the financial projections that	19	break O&M costs related to convertor
20	were provided previously. It wasn't that	20	stations separately. So they would have
20 21	long, I think, before the RFI request came	20	gone about it a different way in coming up
$\frac{21}{22}$	from the Board, PUB-18, requesting the	22	with their estimates of what they thought
$\begin{vmatrix} 22 \\ 23 \end{vmatrix}$	details, because this cost, whether it's	23	the costs would be. I never provided the
24	approved by the Board or not, it's a cost to	24	information to Christensen's on what the
25	be recovered from customers, so we've got to	l	numbers were, so I wasn't trying to get them
L 23	be recovered from customers, so we ve got to	L 23	numbers were, so I wash t trying to get them

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1	to come justify and give me a number that is	1	that the ability to flat out say no, we
2	consistent with what was provided by Power	2	won't pay is obviously limited, perhaps
3	Supply. We have Christensen the attributes	3	prohibited, by orders-in-council, but that
4	of the lines, the distances and the	4	doesn't mean that Hydro won't review them
5	technical specifications so that they could	5	for reasonableness and take questions back
6	go out and see if they could find	6	to Nalcor and perhaps changes, there have
7	information that was, that would come up	7	already been examples of changes that have
8	with reasonable estimates of O&M costs, so	8	been made based on that sort of process. So
9	that's what they used.	9	in that context, will Hydro, you've already
10	MR. COXWORTHY:	10	said, granted in a different context as
11	Q. And I take it from that then, and if I've	11	director of regulatory affairs, that you're
12	misunderstood the reference, please correct	12	not the expert on, for instance, pancaking
13	me, that Nalcor isn't breaking out the	13	and what's happening in the States. Are you
14	convertor stations or looking at them	14	the expert or do you have expertise in terms
15	separately, but are just looking at the	15	of assessing the reasonableness of the
	whole asset base DC lines and convertors	16	transmission costs that are going to be
16 17		17	
	together when they present transmission O&M,		submitted by Nalcor, and if you are not, is
18	as opposed to what Christensen's said they	18	there someone else within Hydro who you
19	would likely do, which is break out the	19	believe is that expert, that person that has
20	convertor stations?	20	that expertise?
21	MR. FAGAN:	21	MR. FAGAN:
22	A. I don't think I've seen detailed breakdowns	22	A. I think it would be, it's not me, okay, I
23	in the information that's been provided. I	23	just want to make that clear first, but I
24	don't think in the Deck information that's	24	think it would be a combination of Mr.
25	provided is showing a detailed break –	75	LaRlanc's team and certain tunes at costs
L ²³		25	LeBlanc's team and certain types of costs
	Page 102	23	Page 104
1	Page 102 MR. COXWORTHY:	1	Page 104 that would be administratively related that
1 2	Page 102 MR. COXWORTHY: Q. No, I agree it's not in the Deck.	1 2	Page 104 that would be administratively related that would be, that would be finance, so Ms.
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1	Q. That's right, and I guess I would ask you,	1	are looking at a 6.1 percent increase, I
2	below that table there is, it's not in	2	think.
3	tabular form, but there's commentary on the	3	MR. FAGAN:
4	same issue for the Island Industrial	4	A. Well 4 million dollar swing is, that would
5	Customers in terms of what's expected to	5	be deferred over 20 months, so you've got
6	occur there, which is essentially a wash, if	6	200,000 a month.
7	I can put it that way, given the amount, but	7	MR. COXWORTHY:
8	if the LIL full in-service is delayed, say	8	Q. Again, I'm just looking for a –
9	to November 1st, 2018 or December 1st, 2018,	9	MR. FAGAN:
10	can you at a high level given an indication	10	A. Probably about a 6 percent increase extra.
11	as to what that might mean if nothing else	11	MR. COXWORTHY:
12	is done to mitigate that, what that might	12	Q. So from 6 to 12?
13	mean for Industrial Customer rates, in 2019,	13	MR. FAGAN:
14	I would presume?	14	A. Yes, I think that probably be a reasonable
15	MR. FAGAN:	15	number.
16	A. Let me think about it over the break.	16	MR. COXWORTHY:
17	MR. COXWORTHY:	17	Q. And would it be fair to say that would be a
18	Q. Okay, and it is break time, perhaps now,	18	rate shock type of rate increase?
19	Madam Chair, if I could suggest now would be	19	MR. FAGAN:
20	a good time to break.	20	A. I always struggle with the number, but it's
21	CHAIR:	21	material and it's above 10 percent.
22	Q. We'll reconvene in 30 minutes, thank you.	22	MR. COXWORTHY:
23	(RECESS – 10:58 A.M.)	23	Q. And is that an issue that should that come
24	(RECONVENE – 11:36 A.M.)	24	to task that would be addressed in the
25	CHAIR:	25	compliance application or could be addressed
	Page 106		Page 108
1	Q. Back to you, Mr. Coxworthy.	1	in the compliance application?
2	MR. COXWORTHY:	2	MR. FAGAN:
3	Q. Thank you, Madam Chair. Mr. Fagan, when we	3	A. I think we would need to look at it because
4	broke you were going to think about my	4	what we're dealing with the Industrial
5	question and this was in relation of, if you	5	Customers is also an RSP effect that's going
6	can bring it back on the screen, to the	6	on at the same time, so you'd want to look
7	August 3rd supplementary evidence, page 12.	7	at the RSP amount and if we were dealing
8	Yes, thank you. Table 7 and ask you to	8	with an increase that was, you know, about
9	comment on, at a high level, I'm not asking	9	10 percent, it's possible you could amortize
10	for exact numbers, on the impact to	10	RSP recoveries over, or even this amount
11	Industrial Customers if the LIL's full in-	11	over a different period to reduce that, I
12	service was to be delayed to November or	12	don't think that would be unreasonable.
13	December 2018.	13	MR. COXWORTHY:
14	MR. FAGAN:	14	Q. Are there other mitigation measures that can
15	A. Yeah, I think if we look at Table, well 2018	15	be considered?
16	savings were about 44 million, and if you	16	MR. FAGAN:
17	look at 2018 energy allocation to be about	17	A. We're open for suggestions.
18	10 percent, so about 4.4 million savings	18	MR. COXWORTHY:
19	would be lost for Industrials, so you'd be	19	Q. I'll leave it at that. If we could move on
20	dealing with the excess revenues would	20	to the future filings with the Board, the
21	probably be, you know, around a million	21	upcoming filings with the Board and you
22	dollars.	22	outlined a number of them in the course of
23	MR. COXWORTHY:	23	your evidence with Mr. O'Brien in terms of
24	Q. And what would that mean in terms of right	24	the busy regulatory calendar.
25	now, January 2019, the Industrial Customers	25	MR. FAGAN:
1	, j =,		

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1	A. I missed a couple, actually.	1	understand to be future filings, you've
2	MR. COXWORTHY:	2	mentioned the previous, I think 2016 rate
3	Q. Well, great, maybe we can get those in there	3	design filing, but I think you've also, I
4	too, but the cost of service review, the	4	understood anyway, you're indicating there
5	Settlement Agreement provides that's going	5	was going to be a further rate design
6	to be, something is going to be filed in	6	filing.
7	November of this year, 2018.	7	MR. FAGAN:
8	MR. FAGAN:	8	A. With our review, our reports that we file
9	A. Yes.	9	and see if there's any further update
10	MR. COXWORTHY:	10	required and also engage the parties in
11	Q. And I guess I wanted to explore what that	11	discussions about a contact at Newfoundland
12	something was going to be, it already to go	12	Power recently about what we put forward and
13	and ready to be filed, or has Hydro started	13	if they want to give us some feedback on
14	work on its, on that filing?	14	what their preference is before we file,
15	MR. FAGAN:	15	I've got to do the same for Industrials
16	A. Yes, we started work on the filing already.	16	fairly soon when I get off the stand.
17	So when we filed our report on the cost of	17	MR. COXWORTHY:
18	service methodology in 2016, I've been	18	Q. And will that be filed before the cost of
19	dealing with our consultants, we're	19	service application?
20	revisiting the report and filing updates.	20	MR. FAGAN:
21	MR. COXWORTHY:	21	A. That's the hope. We've got three filings
22	Q. So will it just be a tweaking of that or is	22	planned and our first item on the plan was
23	it, do you expect it's going to be	23	to file a marginal cost update; the second
24	significantly different based on –	24	plan was to file an update of the rate
25	MR. FAGAN:	25	design review for Newfoundland Power and
	Page 110		Page 112
1	A. I think it's a tweaking of, but with more	1	Industrial Customers and the third would be
2	specific recommendations with regard to	2	the cost of service methodology.
3	approaches. There was some, when we filed	3	MR. COXWORTHY:
4	it, there was one of the options that was	4	Q. And the third one that you've raised, both
5	presented in the cost of service methodology	5	the past marginal cost filing, but you've
6	review as use of marginal cost allocator and	6	also said there's going to be—is this just
7	so there will be more discussion on that and	7	going to be an update then of the previous
8	maybe another option that may not have been	8	marginal cost filing that you made, again, I
9	presented at that time, so it would be more	9	think it was in 2016?
10	of a tweaking, I think, but it would have to	10	MR. FAGAN:
11	be an application, I think, as well, whereas	11	A. I think it will be an update with probably,
12	the last one was previously report.	12	the last report that was filed was fairly
13	MR. COXWORTHY:	13	technical, so we're trying to make it easier
14	Q. Okay, so you vision what's filed in November	14 15	to understand, so enhance the
15	to be an application by Hydro with specific recommendations?		understandability of the document and update
16 17	MR. FAGAN:	16 17	the numbers, as well as incorporate more current status with regard to system
18		18	capacity requirements with respect to
19	A. I think in a number of cases specific recommendations may be in some cases options	19	marginal costs, that's evolving over time.
20	for the Board to consider, but I think	20	MR. COXWORTHY:
20 21	application generally has a request for	21	Q. As I've heard your evidence, you've been
22	approval of some specific –	22	emphasizing a particular marginal cost of
23	MR. COXWORTHY:	23	capacity, is there going to be additional
24	Q. Of something, yeah. And you've also	24	information, filings, evidence around that
25	mentioned and both past and what I	25	particular issue in the upcoming filing?

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1	MR. FAGAN:	1	Q. If the marginal rate update or the rate
2	A. I think we will have to have, well there's a	2	design updates are not ready to be filed,
3	report, basically a reliability study, I	3	might that delay the cost of service review
4	think maybe Ms. Williams talked about, so	4	filing?
5	we'll have better and I think that probably	5	MR. FAGAN:
6	has to be completed in November, we'll have	6	A. They will be ready.
7	more information relatively soon with regard	7	MR. COXWORTHY:
8	to the timing of planned gas turbine	8	Q. They will be ready?
9	replacements and stuff, so you want to have	9	MR. FAGAN:
10	that reflected in your marginal cost	10	A. Yes.
11	assumptions, so updating our marginal costs	11	MR. COXWORTHY:
12	to reflect, we call it internal marginal	12	Q. In time for the cost of service filing.
1	· · · · · · · · · · · · · · · · · · ·	13	MR. FAGAN:
13	capacity costs, whereas the marginal energy		
14	costs is more related to the markets, so	14	A. Yes.
15	that would be a plan to be reflected in that	15	MR. COXWORTHY:
16	filing.	16	Q. You mentioned that there might be or will be
17	MR. COXWORTHY:	17	some other filings that you haven't had a
18	Q. And is the plan to file the updated marginal	18	chance to mention previously.
19	cost filing also before the cost of service	19	MR. FAGAN:
20	filing in November?	20	A. Well there was one I didn't mention, one
21	MR. FAGAN:	21	major one, I guess, we've got the general
22	A. Yes, that's the plan.	22	rate application, the next one, which would
23	MR. COXWORTHY:	23	include Muskrat Falls cost recovery, which
24	Q. That's the plan, there's a level of	24	I'm certain –
25	uncertainty in it and is that just because	25	MR. COXWORTHY:
	Page 114		Page 116
1	there's a lot on Hydro's plate?	1	Q. Which right now you're thinking tentatively
2	MR. FAGAN:	2	late in 2019?
3	A. That's correct, it's also, you don't want to	3	MR. FAGAN:
4	schedule, do them all the same time, okay,	4	A. Yeah, probably, yeah, I think that's fair,
5	plus you want to have the marginal costs	5	71 373 7
6	updated before you file your rate design		but also once that's concluded, the Board
7	"F """ 5 " 5 " 5 " " 5 " " 5 " " 5 " 5 "	1 0	but also once that's concluded, the Board has approved interim transmission tariff.
,	report as well.	6 7	has approved interim transmission tariff,
1 8	report as well. MR. COXWORTHY:	7	has approved interim transmission tariff, okay, so at the conclusion of that, you need
8 9	MR. COXWORTHY:	7 8	has approved interim transmission tariff, okay, so at the conclusion of that, you need to have a hearing with respect to open
9	MR. COXWORTHY: Q. Well, you know, I would have thought they	7 8 9	has approved interim transmission tariff, okay, so at the conclusion of that, you need to have a hearing with respect to open access transmission for file approval of
9 10	MR. COXWORTHY: Q. Well, you know, I would have thought they all sort of, maybe this is overly	7 8 9 10	has approved interim transmission tariff, okay, so at the conclusion of that, you need to have a hearing with respect to open access transmission for file approval of transmission tariffs going forward
9 10 11	MR. COXWORTHY: Q. Well, you know, I would have thought they all sort of, maybe this is overly simplistic, but all three of those filings,	7 8 9 10 11	has approved interim transmission tariff, okay, so at the conclusion of that, you need to have a hearing with respect to open access transmission for file approval of transmission tariffs going forward reflecting post Muskrat Falls.
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Page 117 Page 119 1 O. Other than that 1 direction to the Board or otherwise that 2 sort of set a specific time. 2 MR. FAGAN: MR. FAGAN: 3 3 Yes, other than that, that's true. A. 4 4 MR. COXWORTHY: Α. No. 5 MR. COXWORTHY: 5 Okay, that wouldn't, in and of itself, delay Q. Any other filings in the regulatory calendar 6 6 the cost of service review? leading up to the next GRA? 7 7 MR. FAGAN: 8 (11:45 a.m.) 8 No, the marginal cost, rate design review, MR. FAGAN: 9 the cost of service filing, there's a small 10 A. Beyond the ones I mentioned to Mr. O'Brien, 10 team on that in concert with our consultant I think I've covered all the bigger ones. 11 11 that would work on that; whereas the 12 We always have some that come out of nowhere 12 compliance filing is more dealt with by my 13 at times, like cryptocurrency hearing and a 13 rates team. few things like this, but there's no other 14 14 MR. COXWORTHY: The expected or hoped for outcomes out of 15 ones that I'm aware of right now. 15 Q. MR. COXWORTHY: the cost of service review from Hydro's 16 16 17 point of view, do those need to be reached With respect to the compliance application, 17 obviously we need a decision from the Board by way of order from the Board before you 18 18 19 and we're not in the position to estimate 19 file your next GRA? MR. FAGAN: 20 that, but I would assume you would be hoping 20 to be in a position to make a compliance 21 21 I would think so. 22 filing in 2018 in an idea of 22 MR. COXWORTHY: 23 (unintelligible) open time to have January And would Hydro be prepared to say, would 23 Q. 24 2019 rates? 24 you be prepared to say based on your 25 MR. FAGAN: 25 experience and what you know are the issues Page 120 Page 118 that are going to be raised at a cost of 1 A. We think it's still achievable. In our last 1 2 general rate application, I mean, we were 2 service review, how long do you think it's 3 dealing with 2014 test year, '15 test year 3 going to take to complete that process if 4 and then we were into '16 and '17 with 4 you file in November, for instance? 5 5 regard to all the cost of service studies MR. FAGAN: 6 required to be filed for the purposes of 6 I've mentioned some of the bigger issues, Α. 7 establishing rates going forward, while some 7 one of the biggest issue, I think in the 8 of the issues in this hearing have been 8 Muskrat Falls, forget about the level of 9 complex, I think we're much further along, costs for a moment because I think that will 9 10 our team is much better prepared to deal 10 depend on mitigation provided by the with the compliance filing on a shorter government, but with regard to the 11 11 12 timeline, so I think if we got a Board 12 transmission line from Labrador, how's that order, you know, in October, we'd hope to be 13 treated in the cost of service. When the 13 14 able to get rates in. 14 Labrador Island Link was put forward and the 15 MR. COXWORTHY: 15 Muskrat Falls project was put forward before 16 And if the compliance application, if it has 16 the Board in the hearing a few years ago, it O. to be filed in October, November, will that 17 was justified as a, effectively a generation 17 18 have any impact on when the cost of service 18 project, so the line was being viewed as 19 review process will start? It seems to me part of the generation and so treated as a 19 20 they're two different processes. They're 20 generation project, while the lines also 21 not linked to each other. 21 serving the purpose of providing 22 MR. FAGAN: 22 transmission for exports, so one of the 23 Α Two different processes, other than the same 23 debates would be is it a transmission asset people doing a number of -24 24 or is it a generation asset, or is it MR. COXWORTHY: 25 25 somewhere in between. And the impact of

August 7, 2018 NL Hydro 2017 GRA Page 121 Page 123 your choice can impact customers materially, from the perspective of "has anything 1 1 2 whether it's Newfoundland Power versus the 2 changed". The last time there was a cost of 3 Island Industrials, so I think that's 3 service methodology hearing, it also looked 4 probably one of the biggest issues in the 4 at the allocation methodology for 5 cost of service methodology hearing. The 5 distribution costs, okay, but there will be 6 mitigation provided by the province, I don't 6 really no reason to look at distribution 7 think we'll have, I don't know the timeline 7 costs again. So, I mean, for the purposes 8 for the government making an announcement, 8 of the cost of service methodology hearing, 9 okay? So for purposes of the cost of 9 I think we'd look and say for Hydro rural, service hearing, we would have to analyze 10 10 that would just be a single cost item versus the costs, ignoring mitigation and assume a revenue item. So while the debate over 11 11 12 mitigation is dealt with after as an offset 12 how the rural deficit may be an issue, how 13 for costs because you want to go through the that's allocated could be an issue again in 13 14 proper cost allocation process first, okay. 14 the cost of service methodology hearing, we 15 So mitigation, while it would be nice to 15 won't get into debates about how you do know the plan, very useful I think to know distribution costs allocation, which would 16 16 the plan, it isn't necessary for devaluation save time. So I think we're dealing with a 17 17 limited number of issues, so I think it 18 of the allocation of the costs, but then, so 18 I think that's the biggest issue. There was probably could be dealt with fairly quickly. 19 19 other matters in the report, in the cost of There's not a lot of media – 20 20 servicing, that have carried forward from 21 21 MR. COXWORTHY: previous proceedings, like the Corner Brook 22 22 O. And to come back to my original question of frequency convertor which may be off the how long you expect it to be, and I realize 23 23 24 table. The pilot agreement with Corner 24 you're the eternal optimist, Mr. Fagan, but, 25 Brook Pulp & Paper, I think that could be 25 look, I'll suggest to you based on what our Page 124 Page 122 1 dealt with as part of the rate design review 1 past experience has been, it's not likely 2 for Island Industrial Customers effectively, 2 that the cost of service issues would be 3 but the non-firm rate would reflect under 3 resolved with a bow on them until mid 2019. 4 interconnection with the North American 4 even if things move very well and 5 5 grid, so there's a number of small issues, expeditiously. Is that fair? 6 but I think the treatment of the 6 MR. FAGAN: 7 transmission line would be the biggest 7 I was hoping by May, but, yeah. 8 8 issue. MR. COXWORTHY: 9 9 O. And that's if you keep to your filings by 10 MR. COXWORTHY: 10 November, 2018? 11 So I think you're suggesting, as you see it, 11 MR. FAGAN: there's some issues that perhaps could be 12 12 Yeah, we'll try and do our part, but, yes, the hearing processes take time, and some of amenable to, for instance, the settlement 13 13 14 agreement that's an appropriate process in a 14 this is complex and will definitely require 15 cost of service agreement, but others you 15 expert evidence and scenario analysis to get 16 foresee could be sufficiently contentious or 16 a good understanding of the customer impacts 17 different points of view need to be brought 17 of each issue. So it's not simple. 18 to bear, that we would need to have a 18

hearing and evidence called on? MR. FAGAN:

19

20

21 I don't think it's going to take as long as A. 22 the last time the Board had a hearing on 23 cost of service methodology, because a lot

24 of the fundamentals with regard to cost of 25 service are – you're just reviewing them

MR. COXWORTHY:

19 No, I didn't think it was and you've O. 20 confirmed and enlightened me in that regard, 21 thank you. Mr. Fagan, you're the last Hydro 22 witness – at least, you may be, anyway, so 23 I'm going to ask this question.

24 MR. FAGAN:

If I knew there was someone else coming on,

25

Augus	st 7, 2018		NL Hydro 2017 GRA
	Page 125		Page 127
1	I probably would have punted a few of those	1	that you hope to file that relatively
2	earlier ones.	2	quickly, is that correct?
3	MR. COXWORTHY:	3	MR. FAGAN:
4	Q. And you may still try and do that with this	4	A. Yes, I know as of yesterday, I saw another
5	question, but the interim agreements, I'll	5	draft of it being circulated, so I think
6	call them, that are being negotiated now	6	it's certainly – I would be hopeful within a
7	with respect to Hydro paying to presumably a	7	couple of weeks, I hope.
8	Nalcor entity, the LIL, LTA costs, and when	8	GREENE, Q.C.:
9	I say "interim", I say these are agreements	9	Q. And one of the outcomes of that agreement
10	that Hydro believes are necessary to bridge	10	will be a sharing of benefits between Nalcor
1	,		
11	the period that will be covered by the	11	and Hydro with respect to the purchase of
12	existing Muskrat Falls purchase power	12	energy and the storage of energy for later
13	agreement and the transmission funding	13	export, is that correct?
14	agreement, they only kick in in terms of	14	MR. FAGAN:
15	recovery of the LIL and LTA costs once	15	A. So Hydro currently can't sell power off the
16	Muskrat Falls project is up and running, but	16	island, as such, but, yes, this will be
17	as Hydro sees it there's a period at least	17	Nalcor Energy purchasing energy, effectively
18	to be bridged starting from LIL in-service	18	storing it in Hydro's reservoirs and when
19	that isn't covered by those agreements and	19	the prices are at a more opportune time for
20	needs to be covered by, I'll call them,	20	selling them, it would be sold and the
21	interim agreements or bridging agreements?	21	savings would be kept in some form of a
22	MR. FAGAN:	22	deferral account, which the Board would
23	A. That's correct.	23	determine what the value of Nalcor Energy's
24	MR. COXWORTHY:	24	contribution would be and what share would
25	Q. Do you have any information as to when those	25	go to Nalcor Energy Marketing, and the
	Page 126		
1	rage 120		Page 128
1		1	=
1	bridging agreements will be filed with the Board?	1 2	remainder would go to Hydro's customers.
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Page 129 Page 131 MR. FAGAN: government myself on that, so I'm unsure if 1 1 2 2 we've been officially told, but we're Now the hurriedness with regard to filing is 3 assuming that's what will be used for rate 3 so we can go out and take advantage of the 4 opportunity to get the benefits for 4 mitigation. customers. It's not with respect to using 5 5 GREENE, Q.C.: 6 the savings for impacting rates coming out 6 Again why the schedule for filing in 2018? O. 7 7 of this general rate application. MR. FAGAN: 8 GREENE, Q.C.: 8 A. Well, I think we recognize it takes time for 9 9 The deferral account would be for post 2019. regulatory process, so you want – I'm not 10 is that what I understood from your answer? 10 sure if that's '18. I'm assuming the plan was to have it in late '18, because I 11 MR. FAGAN: 11 12 Well, a deferral account would be proposed 12 figured – I think we believe it to be a 13 to be established upon approval of us 13 fairly extensive regulatory process around proceeding with the ponding agreement, and that, so we didn't want to be waiting too 14 14 it would accumulate the savings, but the 15 15 late before we file applications with the disposition of whatever those savings would Board. Given the regulatory schedule before 16 16 the Board, we want to provide it to the be would be subject to a future order of the 17 17 Board so the Board can set its own schedule 18 Board. 18 19 for dealing with the application and not 19 GREENE, Q.C.: trying to rush things through. 20 Okay, so you don't anticipate any impacts 20 21 for 2018 to 2019 rates? 21 GREENE, Q.C.: 22 22 MR. FAGAN: At this time does Hydro have any forecast of the potential savings from export revenues 23 23 A. No. 24 that would be available? 24 GREENE, Q.C.: 25 Similarly with respect to the second 25 MR. FAGAN: Page 130 Page 132 1 application that I wanted to ask you about, 1 A. With respect to the long-term plan? 2 and it had to do with the optimization of 2 GREENE, Q.C.: 3 export revenues? 3 Yes. O. 4 MR. FAGAN: 4 MR. FAGAN: 5 5 Yes, that's a longer-term plan. I wouldn't I think there's been forecasts done for the A. Α 6 anticipate that until later this year, later 6 value of exports. There's been forecasts 7 in the fall, but that's a plan for post 7 done by Nalcor in the past. However, 8 Muskrat effectively, the implementation. 8 markets keep changing over time. I haven't 9 GREENE, Q.C.: 9 seen anything recent on what the numbers 10 And I believe in your evidence you testified 10 would be. Q. 11 that the government have indicated that 11 GREENE, O.C.: export revenues will be used with respect to 12 12 And again nothing anticipated for '18 or '19? rate smoothing post Muskrat. Did I 13 13 14 understand that correctly? 14 MR. FAGAN: 15 15 MR. FAGAN: No, because this longer-term agreement would 16 They've made those statements in the media. 16 be really about the operation post Muskrat 17 Falls implementation, full commissioning. 17 GREENE. O.C.: 18 Q. But Hydro has no confirmation directly from 18 GREENE, Q.C.: 19 government with respect to the use of export 19 Okay. I wanted to move now to the O. 20 revenues, is that correct? 20 uncertainty surrounding the off-island 21 21 purchases for 2018 and 2019, and the impact (12:00 p.m.)22 MR. FAGAN: 22 that that could have on customers. I'd like 23 A. I know there's no legislative requirement 23 first to refer to page 24 of your for it to be used to go back to the benefit supplemental evidence, July 20th evidence, 24 24 of customers. I'm not dealing directly with and here we see in lines 15 to 18 that the 25 25

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1	forecast savings you've incorporated into	1	anticipate getting the full amount earlier
2	the revenue requirement for establishing	2	in the month, but it won't be officially
3	customer rates can vary significantly, and	3	commissioned until later in October?
4	you've already given evidence to that	4	MR. FAGAN:
5	effect, is that correct, Mr. Fagan?	5	A. Well, the production plan that was provided
6	MR. FAGAN:	6	for preparation of the evidence reflected an
7	A. Well, the changes – the assumption is, you	7	October 1st. There was correspondence that
8	know, dependent on the timing of the	8	came from Nalcor power supply indicating
9	Labrador Island Link. So if that's further	9	that they were aggressively working towards
10	delayed, we think the number can change	10	October 1st, so that's what the numbers
11	materially.	11	reflect. That's what was provided to me, so
12	GREENE, Q.C.:	12	that's what we've used.
13	Q. Right, and I wanted to review each of the	13	GREEENE, Q.C.:
14	factors with you. With respect to the first	14	Q. So the numbers that we already looked at
15	one, the availability of the LIL, with	15	earlier this morning, we don't need to go
16	respect to that risk factor there's been a	16	back to them, with Mr. Coxworthy, that
17	significant amount of evidence already.	17	included the full amount of recapture from
18	There's been a little bit of confusion about	18	October 1st?
19	exactly when the LIL will be available and	19	MR. FAGAN:
	•	20	
20 21	the amount of recapture energy that will be	21	ý
	available this fall. Fortunately, Mr.	21	October 1st, yeah, in-service assumption.
22	Coxworthy did review that area with you and asked for certain of the information be	23	GREENE, Q.C.:
23			Q. And we've already seen that if the LIL is
24	filed that I had planned to, but if the LIL,	24	not available, it will obviously reduce the
25	first from Hydro's perspective – we can go	25	amount of savings that would be available.
.	Page 134		Page 136
	if you'd like to Mr. Leblanc's evidence back	1	From a risk perspective, Hydro is protected
2	in July. He had indicated that the software	2	because of the energy supply cost variance
3	that they're waiting on would not be	3	account, is that correct?
4	available until the end of September, and	4	MR. FAGAN:
5	that it would take a period of time for	5	A. That's correct, so when I say "forecast
6	testing and wouldn't be available until	6	risk", it was more from a customer
7	later in September, and he did while he was	7	perspective than a Hydro perspective.
8	still giving evidence confirm that the	8	GREENE, Q.C.:
9	earliest would be October 18th. Do you	9	Q. And I think with Mr. O'Brien you went
10	recall that evidence? I can take you to it	10	through the potential impact that if the LIL
11	if you prefer.	11	is not available in 2018, we could see as
12	MR. FAGAN:	12	much of a swing of 5 to 6 percent of
13	A. I trust your –	13	increasing rates in '19 required to recover
14	GREENE, Q.C.:	14	the lost savings?
15	Q. It's in the transcript, July 18th, page 117.	15	MR. FAGAN:
16	MR. FAGAN:	16	A. Well, I think that the math that I went
17	A. Sure.	17	through with Mr. O'Brien was talking about
18	GREENE, Q.C.:	18	if the rate increase was delayed until July
19	Q. And I just wanted – when you talk about	19	1st, when we talked about the 5 to 6 percent.
20	October 1st being available, the full	20	It depends. We had two different
21	capacity of a LIL for recapture, is there a	21	conversations.
22	confusion in the sense that it will be	22	GREENE, Q.C.:
23	available from October 1st for testing	23	Q. And I was going to come to that, but what I
24	purposes and will not be available until	24	want to talk to you about is the significant
25	October 18th for the full amount, or do you	25	amount of uncertainty there is for

Page 137 Page 139 MR. FAGAN: ratepayers as to what exactly the rate 1 1 2 increase is that they are looking at for 2 I haven't had any recent update provided to A. 2018 and for 2019. Would you agree that the 3 3 4 level of uncertainty is higher in this rate 4 GREENE, O.C.: 5 5 case than previous ones? Okay, but in assessing the risk arising from Q. 6 MR. FAGAN: 6 an increase in the price of No.6 fuel or a 7 Certainly. 7 decrease, have you done any analysis to A. determine the range of risk associated with 8 GREENE, Q.C.: 8 9 the change in the price of fuel? 9 So the swings that customers – as of today, 10 they don't really know if they're looking at 10 MR. FAGAN: a 1.2 percent increase or it could be much 11 11 No, but in the context that's provided here A. 12 more, and we're going to go through a couple 12 is if LIL is delayed and the cost of fuel 13 of the scenarios to see the potential, so 13 was higher, then the impacts could be more that is correct, is it, this time there's than what we talked about, because then 14 14 much more significant uncertainty? you've got increased Holyrood fuel relative 15 15 to the \$85.55. So it's more of a conceptual 16 MR. FAGAN: 16 17 presentation. We haven't done any Yes, the 1.2 – I mean, you're sitting with 17 40 million dollar risk there, and 40 million 18 18 mathematical analysis on that. 19 dollars risk, if you go to a retail 19 GREENE, Q.C.: 20 customer, which Newfoundland Power is about And with respect to the loss of savings if 20 Q. 21 90 percent of it, then – so that's about 37 21 the LIL is delayed, you would have the 22 million dollars, which 700 million is the 22 offset of no cost having to be paid for the revenue requirement, so you're talking about use of the LIL, so you would have to factor 23 23 24 a 5 percent swing type thing. 24 that in as well. This morning there was 25 GREENE, Q.C.: 25 some discussion with you with respect to the Page 138 Page 140 Q. 1 So that is a significant risk factor. The 1 operating and maintenance costs that were 2 second one that I would like to talk about 2 included in the forecast for the use of the 3 is listed there as number 3, the cost of 3 LIL, and you referred to a Christensen 4 No.6 fuel. In presenting this evidence you 4 Report, which is not on the record. Could I 5 5 assumed what price for No.6 fuel? have an undertaking to file the report that you referred to that contains the benchmarks 6 MR. FAGAN: 6 7 7 \$85.55 per barrel Canadian. for O & M costs? 8 GREENE, Q.C.: 8 (12:10 p.m.) 9 The settlement agreement reached provides 9 MR. FAGAN: O. 10 that the most recent forecast of No.6 fuel 10 A. Sure. oil is going to be used in establishing 11 GREENE, O.C.: 11 12 rates for the compliance application, is Okay. The other two factors that are listed 12 that correct? there as impacting the risk that customers 13 13 14 MR. FAGAN: 14 face, not Hydro, but customers, is the 15 amount of recapture energy available, and 15 A. That's correct. 16 GREENE, O.C.: 16 how would you describe that risk in 17 comparison to the other two we just talked 17 So the next available forecast will be the Q. 18 end of September that you file in October? 18 about? 19 MR. FAGAN: 19 MR. FAGAN: 20 That's correct. 20 I think that's materially less. Well, it's Α. Α 21 21 materially – LIL, the timing of LIL is the GREENE, Q.C.: 22 Q. Okay. Do you have any indication at this 22 key, okay. I don't think - for purposes of 2018, I don't think we will have a large time, and I know it's only August, but where 23 23 fuel price would be, higher or lower than impact of new data centres coming into play 24 24 25 \$85,00? 25 with our current regulatory processes on the

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1	go in dealing with data centres that will –	1	everything proceeding as you've assumed and
2	so I think for 2018, I don't think you're	2	everything being approved as you have
3	going to have a big impact on that for 2018.	3	proposed.
4	GREENE, Q.C.:	4	MR. FAGAN:
5	Q. And the last risk factor –	5	A. I don't know if I'd quite present it that
6	MR. FAGAN:	6	way though because we presented the rate
7	A. And one last thing, Tecora, the information	7	impact reflecting the Settlement Agreement.
8	on Tecora as well. So, my most recent	8	GREENE, Q.C.:
9	information with respect to Tecora is that	9	Q. Yes.
10	they went out to the market I think, and	10	MR. FAGAN:
11	closed, I think the end of June. So, we	11	A. And then, we updated the application at the
12	inquired I think around July 23rd about the	12	request of the Board to reflect the numbers
13	status of where they are, and they indicated	13	that were provided in the Settlement
14	that they would be going to market again and		Agreement.
15	closing the end of September with regard to	15	GREENE, Q.C.:
16	investment. So, we don't have additional	16	Q. Yes.
17	information to indicate that Tecora's load	17	MR. FAGAN:
18	is going to be there. So, I've got no more	18	A. So, from that perspective, Hydro didn't
19	certainty that Tecora would be impacting	19	actually apply for the expected supply
20	recapture in the—in '19 than I would have	20	scenario, but certainly it's reflecting the
21	had before. Sorry.	21	Settlement Agreement for the expected supply
22	GREENE, Q.C.:	22	scenario. The—from a –
23	Q. And the last risk factor which is the	23	GREENE, Q.C.:
24	availability of purchases from other	24	Q. And that's what Hydro is looking for now,
25	jurisdictions other than the recapture, how	25	D 144
1	Page 142	1	Page 144 isn't it, in your—when you filed your
$\begin{bmatrix} 1 \\ 2 \end{bmatrix}$	would you assess that with—in comparison to the other three?	1 2	revised proposals?
$\frac{2}{3}$	MR. FAGAN:	$\frac{2}{3}$	MR. FAGAN:
4	A. I think that one could be material with	4	A. That's the accepted approach, but I did
5	respect to the availability to flow through	5	mention earlier that I think what we would
6	Quebec if you were coming over—to come down	l .	want to do is, if the Board ruled that this
7	over the LIL. If that creates a—if there's	7	was an acceptable approach, using the
8	an issue there, that could have impacts on	8	expected supply scenario, that we would want
	your numbers.	9	to revisit the savings from off-island
10	GREENE, Q.C.:	10	purchases for the compliance filing to avoid
11	Q. So, we've just talked about four factors	11	this potential impact if the savings didn't
12	that could significantly impact the price	12	arrive.
13	that customers are going to pay, certainly	13	GREENE, Q.C.:
14	in 2019. What has Hydro done to assess the	14	Q. And actually, that's what I wanted to talk
15	level of risk and the magnitude of the	15	to you about, is from Hydro's perspective
16	swings in the rates that there could be?	16	what is the appropriate regulatory approach
17	MR. FAGAN:	17	and the regulatory process to be able to
18	A. (No audible response).	18	manage this risk for customers? And we'll
19	GREENE, Q.C.:	19	come to talking to you about your suggestion
20	Q. Because right now there you are—your	20	that we leave it to the Compliance
21	application says that you're looking for you	21	Application.
22	are—your application says that you're	22	MR. FAGAN:
23	looking for 1.2 percent increase as of	23	A. Yeah, well I think we should be keeping the
24	January 1, '29 (sic.), but it's dependant on	24	Board informed on the status of off-island
25	• • • •	25	

Page 148 purchases on an ongoing basis, I mean certainly monthly or something so they're—so everybody is aware of how this is progressing. GREENE, Q.C.: Co. Okay. MR. FAGAN: A. And by the time we have the Compliance filling, hopefully we'll have much better information. GREENE, Q.C.: Co. Okay. MR. FAGAN: A. And by the time we have the Compliance filling, hopefully we'll have much better information. GREENE, Q.C.: Co. Okay. MR. FAGAN: A. With respect to if 18 doesn't arise, and you'd want to assess whether 19 was for reasonable. GREENE, Q.C.: Co. Okay. MR. FAGAN: A. With respect to if 18 doesn't arise, and you'd want to assess whether 19 was for reasonable. GREENE, Q.C.: Co. Okay. MR. FAGAN: Co. Okay. Co. So, if vou don't get those savings from off- island purchases, your costs are not really disapparing on the fixed side. Co. Okay. Corective the level of information for Co. Okay.	1	st 7, 2018		NL Hydro 2017 GRA
2 certainly monthly or something so they're—so everybody is aware of how this is of everybody is aware of how this is everybody is aware of how this is of everybody in have been around a say, okay? But now, all of a sudden, you're moving to a new test year with materially high is every moving to a new test year with materially high its when a lot of a sudden, you're moving to a new test year with materially high its when a lot of the sales are. So, tha aware of each provided in a sudden, you're moving to a new test year with materially high their when a lot of the sales are. So, that is a one cent per kilowath tour, say, okay? But now, all of a sudden, you're moving to a new test year with materially high their when a lot of a sudden, you're of a su	1	Page 145		Page 147
3	1 1	1	1	test year, and you had—I think the average
4 progressing. 5 GREENE, Q.C.: 6 Q. Okay. 7 MR. FAGAN: 8 A. And by the time we have the Compliance filing, hopefully we'll have much better in formation. 10 information. 11 GREENE, Q.C.: 12 Q. Okay. 13 MR. FAGAN: 14 A. With respect to if 18 doesn't arise, and you'd want to assess whether 19 was reasonable. 15 you'd want to assess whether 19 was reasonable. 16 GREENE, Q.C.: 17 GREENE, Q.C.: 18 Q. Okay. 19 MR. FAGAN: 19 MR. FAGAN: 10 Customers and for Hydro of course for proceeding. In terms of the amount, the potential swing in rates that we're looking at a firom the 1.2, we know it could be an additional 5.5 to 6 percent if there's no. 19 GREENE, Q.C.: 21 Customers and for Hydro of course for proceeding. In terms of the amount, the with Mr. O'Brien. 21 That wouldn't etch the 1.2 percent in stone. 22 GREENIT, Q.C.: 23 Q. No, and that's whatfrom a customer perspective, the level of information for 24 proceeding. In terms of the amount, the with Mr. O'Brien. 25 GREENE, Q.C.: 26 Q. Yes. 27 MR. FAGAN: 28 A. And then, your variable ones are coming back. So, you've got—it is a challenging one from a customer perspective and a rate forecasting perspective. 29 GREENE, Q.C.: 20 Yes. 21 GREENE, Q.C.: 21 Customers and for Hydro of course for proceeding. In terms of the amount, the action of the full year for January 1 as you just mentioned. You went through that with Mr. Green. 21 Customers and for Hydro of course for proceeding. In terms of the amount, the action of the full year for January 1 as you just mentioned. You went through that with Mr. Green. 29 Customers and for Hydro of course for proceeding. In terms of the amount, the action of the full year for January 1 as you just mentioned. You went through that with Mr. Green. 21 Customers and for Hydro of course for proceeding. In terms of the amount, the action of the full year for January 1 as you just mentioned. You went through that with Mr. Green. 23 Green. 24 Customers and for Hydro of course for proceeding. In terms of the amount, the action of the full year	2		2	fuel cost say was about—in rates it might
5 GREENE, Q.C.: 6 Q. Okay. 7 MR. FAGAN: 8 A. And by the time we have the Compliance filing, hopefully we'll have much better information. 10 information. 11 GREENE, Q.C.: 12 Q. Okay. 13 MR. FAGAN: 14 A. With respect to if 18 doesn't arise, and you'd want to assess whether 19 was 15 reasonable. 16 reasonable. 17 GREENE, Q.C.: 18 Q. Okay. 19 MR. FAGAN: 19 MR. FAGAN: 20 A. I think it's too early to say yet, right? 21 That wouldn't etch the 1.2 percent in stone. 22 GREENE, Q.C.: 23 Q. No, and that's what—from a customer perspective, the level of information for 2 projected for January 1 as you just mentioned. You went through that with Mr. O'Brien. 11 MR. FAGAN: 12 A. Right. 13 GREENE, Q.C.: 14 Q. So, if the rates, final rates, are actually implemented later, that percentage recovery would also be higher? Is that correct? 17 MR. FAGAN: 18 A. Depending on how far delayed. If it moved much beyond the winter, it would—can be materially pligher because that's when a lot of the costs are changing because a lot of the costs are	3	everybody is aware of how this is	3	have been around 2.5 cents a kilowatt hour,
6 Q. Okay. 7 MR. FAGAN: 8 A. And by the time we have the Compliance filing, hopefully we'll have much better information. 10 information. 11 GREENE, Q.C.: 12 Q. Okay. 13 MR. FAGAN: 14 A. With respect to if 18 doesn't arise, and you'd want to assess whether 19 was 15 reasonable. 16 reasonable. 17 GREENE, Q.C.: 18 Q. Okay. 19 MR. FAGAN: 10 GREENE, Q.C.: 11 GREENE, Q.C.: 11 GREENE, Q.C.: 12 Q. Yes. 13 MR. FAGAN: 14 A. With respect to if 18 doesn't arise, and you'd want to assess whether 19 was 15 reasonable. 16 reasonable. 17 GREENE, Q.C.: 18 Q. Okay. 19 MR. FAGAN: 20 A. I think it's too early to say yet, right? 21 That wouldn't etch the 1.2 percent in stone. 22 GREENE, Q.C.: 23 Q. No, and that's whatfrom a customer perspective, the level of information for 24 perspective, the level of information for 25 perspective, the level of information for 25 mode and ditional 5.5 to 6 percent if there's no savings for 2018. And the 1.2 percent a fat from the 1.2, we know it could be an additional 5.5 to 6 percent if there's no savings for 2018. And the 1.2 percent in stone. 10 Faga 148 11 MR. FAGAN: 22 GREENE, Q.C.: 23 Q. Ves. 24 Ves. 25 Page 148 26 Q. Ves. 27 GREENE, Q.C.: 28 Q. Yes. 29 War. FAGAN: 20 A. I think it's too early to say yet, right? 21 That wouldn't etch the 1.2 percent in stone. 22 GREENE, Q.C.: 23 Q. No, and that's whatfrom a customer perspective, the level of information for 25 perspective, the level of information for 25 proceeding. In terms of the amount, the potential swing in rates that we're looking at from the 1.2, we know it could be an additional 5.5 to 6 percent if there's no savings for 2018. And then, your variable ones are coming back. So, you've got—it is a challenging one from a customer perspective and a rate forecasting perspective. 24 Q. So, if wou don't get those savings from off-island purchases, your costs are not really disappearing on the fixed side. 36 GREENE, Q.C.: 37 Q. Yes. 38 Q. Ves. 38 Q. Ves. 39 Ves. 30 A. I think it's too early to say yet, right? 40 Q. No, and that's what a	4	progressing.	4	say, okay? But now, all of a sudden, you're
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8 A. And by the time we have the Compliance 9 filing, hopefully we'll have much better 10 information. 11 GREENE, Q.C.: 12 Q. Okay. 13 MR. FAGAN: 14 A. With respect to if 18 doesn't arise, and 15 you'd want to assess whether 19 was 16 reasonable. 17 GREENE, Q.C.: 18 Q. Okay. 19 MR. FAGAN: 20 A. I think it's too early to say yet, right? 21 That wouldn't etch the 1.2 percent in stone. 22 GREENE, Q.C.: 23 Q. No, and that's what-from a customer 24 perspective, the level of information for 25 Page 146 1 customers and for Hydro of course for perspective, the level of information for 24 proceeding. In terms of the amount, the additional 5.5 to 6 percent if there's no additional 5.5 to 6 percent if there's no savings for 2018. And the 1.2 percent projected for January 1 was also based on the rates for the full year for January 1 as you just mentioned. You went through that with Mr. O'Brien. 11 MR. FAGAN: 12 A. Right. 13 GREENE, Q.C.: 14 Q. So, if the rates, final rates, are actually implemented later, that percentage recovery would also be higher? Is that correct? 16 MR. FAGAN: 17 MR. FAGAN: 18 A. Depending on how far delayed. If it moved much beyond the winter, it would—can be materially higher because that's when a lot of the costs are fixed versus variable. 18 GREENE, Q.C.: 19 GREENE, Q.C.: 19 MR. FAGAN: 20 A. I think it's too early to say yet, right? 21 That wouldn't etch the 1.2 percent in sone. 22 GREENE, Q.C.: 23 Q. No, and that's what-from a customer 24 perspective, the level of information for 25 Page 146 26 customers and for Hydro of course for proceeding. In terms of the amount, the language one from a customer perspective and a rate for ecasting perspective. 24 GREENE, Q.C.: 25 Page 146 26 Customers and for Hydro of course for proceeding. In terms of the amount, the language one from a customer perspective and a rate for ecasting perspective. 26 GREENE, Q.C.: 27 Q. Yes. 28 Q. Yes. 29 Q. Yes. 30 A. And then, your variable ones are coming back. So, you've got—it is a challenging one from a customer perspectiv	6	Q. Okay.	6	less. I think this evidence indicates might
9	7	MR. FAGAN:	7	be in the neighbourhood of 1.2. So, that's
10	8	A. And by the time we have the Compliance	8	a one cent per kilowatt hour swing. So, all
11 GREENE, Q.C.: 12 Q. Okay. 13 MR. FAGAN: 14 A. With respect to if 18 doesn't arise, and 15 you'd want to assess whether 19 was 16 reasonable. 16 GREENE, Q.C.: 17 GREENE, Q.C.: 18 Q. Okay. 19 MR. FAGAN: 20 A. I think it's too early to say yet, right? 21 That wouldn't etch the 1.2 percent in stone. 22 GREENE, Q.C.: 22 GREENE, Q.C.: 22 GREENE, Q.C.: 22 GREENE, Q.C.: 23 Q. No, and that's whatfrom a customer 24 perspective, the level of information for 25 Page 146 1 customers and for Hydro of course for 2 proceeding. In terms of the amount, the 3 potential swing in rates that we're looking 4 at from the 1.2, we know it could be an 5 additional 5.5 to 6 percent if there's no 6 savings for 2018. And the 1.2 percent 7 projected for January 1 was also based on 8 the rates for the full year for January 1 as you just mentioned. You went through that 10 with Mr. O'Brien. 11 MR. FAGAN: 11 MR. FAGAN: 12 A. Right 3 GREENE, Q.C.: 4 Q. So, if the rates, final rates, are actually 15 implemented later, that percentage recovery 16 much beyond the winter, it wouldcan be materially higher because that's when a lot of the sales are. So, the annual costs not 22 changing because a lot of the costs are 22 fixed. We reduced Holyrood fuel, so with 23 43 43 44 45 45 45 45 4	9	filing, hopefully we'll have much better	9	of a sudden, you get a high portion of your
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13 MR. FAGÁN:	11	GREENE, Q.C.:	11	GREENE, Q.C.:
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15	13	MR. FAGAN:	13	MR. FAGAN:
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Page 149 Page 151 MR. FAGAN: 1 1 rates versus the 1.2. So, we really hadn't 2 2 had time to sit down and come up with a A. No, I never said I anticipated it in October. I said I—in order to have rates 3 3 range of options of things. So, but after 4 for January 1, I thought that's probably 4 we filed, I was thinking along the lines of-5 around the timeline that you would need it. 5 well, obviously, on the last day in 6 GREENE, O.C.: 6 preparing the evidence, was saving, well, 7 Okay. And we won't hazard a guess as to 7 you know, people need to understand that Q. when the date for the Compliance Filing – 8 there's a lot of uncertainty around this 1.2 8 9 9 percent. That's actually why we put the MR. FAGAN: 10 A. Yes, I wasn't trying to put pressure on the 10 rate stability rider there as an option Board with regard to an end-of-September because of the risk associated with it, that 11 11 12 order. 12 well, if the savings did occur, then that 13 GREENE, Q.C.: 13 would be great, but if they didn't, you have that rider in place. So, you didn't have 14 O. So, in looking at the potential for the 14 impact on customers, did Hydro review this future recovery of costs to deal with 15 15 alternatives or options on how to manage the customers because you had the stability 16 16 17 this? You're protected in the sense that rider that could—those dollars could apply 17 you have the deferral account. So, Hydro is against it. So, it wasn't--the stability 18 18 not at financial risk, but from a customer rider wasn't strictly associated, and I 19 19 perspective, how do you believe these think it indicates it there, associated with 20 20 material risks should be taken into account 21 21 trying to climb rates from Muskrat Falls. 22 22 It has that benefit, but it's also presented and managed from regulatory process as a risk mitigation for customers associate 23 perspective? 23 24 MR. FAGAN: 24 with the forecast risk of off-island 25 25 Page 152 Page 150 Well, from -1 A. 1 purchases. 2 GREENE, Q.C.: 2 GREENE, Q.C.: 3 3 Your option so far is, well, we'll updated I guess one of the difficulties with the 4 it all in the Compliance Application, but 4 rider is given the degree of uncertainty, 5 there could be significant changes. It 5 it's very difficult for—to determine what the appropriate amount of a rider would be 6 could be a totally different outcome based 6 7 7 on your Compliance Filing if some of these when there's so many very high-risk factors. 8 risk factors do materialize? 8 Would you agree with that? 9 9 MR. FAGAN: MR. FAGAN: 10 Well, from a timing perspective, the 10 I agree. A. A. Settlement Agreement was achieved on one GREENE, Q.C.: 11 11 Friday. We got a new production plan that Okav. 12 12 same week and we filed evidence the MR. FAGAN: 13 13 14 following Friday. So, with regard to—as the 14 And that actually gets right back to this A. 15 numbers were being calculated, we were 15 GRA from the start with regards to what are 16 effectively coming up with the rates and the 16 our supply costs going to be in the test year for rates? I think it's the same issue proposals reflect a Settlement Agreement. 17 17 18 GREENE, Q.C.: 18 we've been dealing with since we started preparation of our evidence. 19 O. Yes. 19 20 MR. FAGAN: 20 GREENE, Q.C.: 21 21 We really didn't have time to sit down and Q. Yes. So, from a timing perspective, and A. 22 do much scenario analysis along the lines of 22 come the end of September you will have an what options would be to deal with the 23 23 updated fuel price, is that correct? 24 customer or the risk of variability in the 24 MR. FAGAN:

25

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1	A. Yes.	1	A. Oh, certainly.
2	GREENE, Q.C.:	2	GREENE, Q.C.:
3	Q. Come the end of September, you should have		Q. Okay. Now, you also mentioned as another
4	some better idea as to whether the LIL will	4	possible mitigation measure a quarterly
5	actually make October 1, is that correct?	5	true-up. I took that to mean more for 2019
6	MR. FAGAN:	6	that once the rates are set, you would—
7	A. Could you just repeat that?	7	you're still—uncertainty with respect
8	GREENE, Q.C.:	8	particularly the off-island purchases and
9	Q. By the end of September when you have the	9	the potential savings. Is that correct? Do
10	updated fuel price –	10	you see that more as a mechanism once the
11	MR. FAGAN:	11	rates are set?
12	A. Oh, yes. Oh, yes, yeah. Yeah, I just	12	MR. FAGAN:
13	misheard your -	13	A. Yes.
14	GREENE, Q.C.:	14	GREENE, Q.C.:
15	Q. Presumably, we'll be in a better position to	15	Q. Okay.
16	know about the in-service date of the LIL?	16	MR. FAGAN:
17	MR. FAGAN:	17	A. Although, you know, it's kind of a—hadn't
18	A. Oh, one would hope so, yes.	18	really sat down and analyzed it, but I mean,
19	GREENE, Q.C.:	19	it's—when you're into a period when you're
20	Q. We may have some more information with	20	purchasing, effectively purchasing off a
21	respect to the availability of recapture and	21	market and depending on a lot of external
22	purchases from other island—from other	22	factors, no. In this case, I think that may
23	jurisdictions. Would it be feasible for	23	not be required if when we get our update in
24	Hydro to file an update prior to the Board's	24	the fall of '18, that things are in pretty
25		25	
,	Page 154		Page 156
1	Order in the Compliance Application so all	1	good shape with regard to LIL, and so, we're
2	the parties could see the assessment as of	2	more comfortable with the numbers, but I
3	that point with respect to the forecast	3	think at that—if we're not at that point,
4	savings and the impact of number 6 fuel?	4	we—you might want to be considering how do
5	MR. FAGAN:	5	we deal with it? If things are not good for
6	A. So, it incorporates our fuel price	6	the remainder of '18, I think then you want
7	projection update with those other items. I	7	to look at '19. I think it's probably at
8	think that would be a good idea. GREENE, Q.C.:	8 9	this stage, premature to look at anything with respect to '19 until we've got better
10	Q. And that would be feasible in terms of a	10	information on where '18 is.
11	timing perspective, but how early would that	11	GREENE, Q.C.:
12	be possible?	12	Q. And do you foresee any difficulty in Hydro
13	MR. FAGAN:	13	reporting on a monthly basis in 2019 with
14	A. Well, I think the requirement is to file	14	respect to purchases and potential savings
15	within ten days on the fuel price protection	15	on a monthly basis?
16	of receiving the forecast, ten working days,	16	MR. FAGAN:
17	something like that. But I'm—we'd certainly		A. No.
18	have a better—we should have much better	18	GREENE, Q.C.:
19	information for 2018 by then. So, I think	19	Q. At this time is Hydro considering reviewing
20	that's certainly practical.	20	any other options to look at the unfolding
21	GREENE, Q.C.:	21	situation in 2018 and '19 about the
22	Q. Okay. So, that would be possible for Hydro	22	potential savings and if they don't
23	to do in—by mid October?	23	materialize, other than your filing of the
24	MR. FAGAN:	24	Compliance Application where you would
25		25	compliance rapplication made you would
1 -2		ı	

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	Page 157		Page 159
1	update?	1	MR. OXFORD:
2	MR. FAGAN:	2	Q. No questions.
3	A. None that I've thought of yet.	3	CHAIR:
4	GREENE, Q.C.:	4	Q. And I have no questions.
5	Q. Okay. Moving to another topic, as you are	5	MR. FAGAN:
6	aware Newfoundland Power has filed a rate	6	A. Okay.
7	case, and they are asking the Board to	7	CHAIR:
8	approve an increase in their return on	8	Q. Thank you, Mr. Fagan. Okay, so, we've got
9	equity of 100 bases points to from 8½	9	to figure out where we are now.
10	percent to 9½ percent. If the Board makes	10	MS. GLYNN:
11	that determination prior to Hydro's rates	11	
1		12	
12	becoming final for 2019, has Hydro		outstanding issues that I could identify.
13	determined what impact that would have on	13	CHAIR:
14	its revenue requirement if there is that	14	Q. Okay.
15	increase in the ROE which flows through to	15	MS. GLYNN:
16	Newfoundland Hydro?	16	Q. One is the public presentation dates. We
17	MR. FAGAN:	17	have at least two presenters that we have
18	A. So, Newfoundland Power's request is for	18	been contacted by. I think one may sit as a
19	rates to be implemented in April '19.	19	panel, and Ms. Blundon, the Board secretary,
20	GREENE, Q.C.:	20	is attempting to schedule those for next
21	Q. Yes.	21	Thursday, August 16th. And we will confirm
22	MR. FAGAN:	22	that with the parties as soon as we have
23	A. I think based on '19 and '20 test year. So,	23	confirmation from the public presenters. We
24	a one percent return, would be slightly more	24	do have some outstanding issues that Hydro
25		25	
	Page 158		Page 160
1	than four million dollars revenue	1	is currently working on with the Labrador
2	requirement I think for Hydro.	2	Interconnected Group and with Iron Ore
3	GREENE, Q.C.:	3	Company. I think that's as much as I can
4	Q. Which would be included in your Compliance	4	say on that at this point, that there is
5	Application if the Order is before your	5	still ongoing work happening and that we can
6	Compliance Application?	6	address those issues hopefully once they are
7	MR. FAGAN:	7	settled appropriately with the parties or if
8	A. Yeah, I think that would be fair. I mean,	8	not, whether further steps are required from
9	it might be tight. You know, the timelines	9	the Board and the Panel. The last
1	Ç Ç	10	
10	are pretty tight on all this, but yeah. But		outstanding issue is the filing of some
11	certainly, if the Order was out, that's what	11	further information, and whether possibly
,	1.4	10	
12	we would use.	12	witnesses may need to be recalled, and I
13	GREENE, Q.C.:	13	would ask counsel for Hydro if they have
13 14	GREENE, Q.C.: Q. Okay. Thank you, Mr. Fagan. Those are all	13 14	would ask counsel for Hydro if they have anything to add on that particular issue?
13 14 15	GREENE, Q.C.: Q. Okay. Thank you, Mr. Fagan. Those are all of my questions.	13 14 15	would ask counsel for Hydro if they have anything to add on that particular issue? MR. YOUNG:
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	et 7, 2018	NL Hydro 2017 GRA
1	Page 161	Page 163
1	them make that decision. And we might	1 Hearing greatly.
2	consider in fact we've had some preliminary	2 MS. MASSIE:
3	discussions as to whether or notto the	3 Q. I appreciate that. Thank you.
4	extent that these aren't self-explanatory.	4 CHAIR:
5	Some sort of explanation, a viva voce or a	5 Q. Thank you so much. Okay, well, I guess
6	written document might be useful. Timing is	6 we're adjourned at the call of the Chair,
7	a little bit up in the air. You know, it's	7 unless anyone else has anything else to add.
8	a file that's been worked on right now. I	8 No? Thank you so much.
9	attended a meeting yesterday afternoon. I	9 Upon conclusion at 12:31 p.m.
10	would love to be able to guarantee a filing	10
111	date by next week, but I'm afraid I can't	11
12	give that guarantee. It's a target. It	12
13	might be optimistic, but that is what we're	13
14	aiming towards.	14
15	CHAIR:	15
16	Q. And there are some clearly from yesterday	16
17	and today, but outstanding undertakings to	17
18	be filed as well.	18
19	MR. YOUNG:	19
20		20
20	Q. There are indeed. CHAIR:	21
22		21 22
$\begin{vmatrix} 22 \\ 23 \end{vmatrix}$	Q. Yes. MR. YOUNG:	23
$\begin{vmatrix} 23 \\ 24 \end{vmatrix}$		23 24
25	Q. And you know, some of the one that have been	25
23	P. 1/2	
1	Page 162	Page 164
	outstanding for a little while, and of	CEDTIEICATE
		CERTIFICATE
2	course new ones just as a few minutes ago.	CERTIFICATE
3	CHAIR:	
3 4	CHAIR: Q. Sure.	I, Judy Moss, hereby certify that the foregoing is a
3 4 5	CHAIR: Q. Sure. MR. YOUNG:	
3 4 5 6	CHAIR: Q. Sure. MR. YOUNG: Q. So, yes, indeed.	I, Judy Moss, hereby certify that the foregoing is a true and correct transcript in the matter of Newfoundland and Labrador Hydro 2017 General Rate
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