November 10, 2015 With	u-rage NL nyuro GRA
Page 1	Page 3
1 (9:08 a.m.)	got my chartered accounting designation in
2 CHAIRMAN:	2 1999, worked with Deloitte and I've been at
3 Q. So do we have any preliminary matters?	3 Hydro for the last four years in a couple of
4 MS. GLYNN:	4 different positions. I was manager of rates
5 Q. No, Mr. Chair.	for a year and also manager of investment
6 CHAIRMAN:	6 analysis and financial planning for a year as
7 Q. All right. So I guess we're over to Hydro.	well. Previous to that, I've worked in other
8 MR. CASS:	8 companies such as Newfoundland Power, Vector
9 Q. Yes, Mr. Chair. We have the Finance witnesses	9 Aerospace, Fortis, XWave, and my current role
ready to be sworn. For the record, they are	is, as I said, the general manager of finance
Scott Pelley, Carla Russell and Carol Ann	11 for Hydro.
12 Lutz.	12 MR. CASS:
13 CHAIRMAN:	13 Q. All right. And Ms. Lutz, the same for you
14 Q. Okay. Let me get my here we are. Okay,	please, just your position and your work
15 Mr. Pelley, I guess I'll start with you.	15 experience.
16 MR. SCOTT PELLEY, AFFIRMED	16 MS. LUTZ:
17 MS. CARLA RUSSELL, AFFIRMED	17 A. Sure. I'm the divisional controller for
18 MS. CAROL ANN LUTZ, AFFIRMED	18 Hydro. I have a Bachelor of Commerce and a
19 CHAIRMAN:	19 certified management accounting designation
20 Q. Your panel is sworn, sir.	and an MBA. I spent a significant portion of
21 EXAMINATION-IN-CHIEF BY MR. FREDERICK CASS	21 my career working in the private sector. I
22 MR. CASS:	joined Nalcor Energy in 2007 and joined in the
23 Q. Thank you. Mr. Pelley, could you please just	financial reporting group in the corporate
confirm your position for the record and give	office. I was the corporate controller for
a summary of your work experience?	Nalcor from 2011 until 2014 and in the summer
Page 2	Page 4
1 MR. PELLEY:	of 2014, I moved over as controller of Hydro.
2 A. Sure. I'm Scott Pelley. I'm the corporate	2 MR. CASS:
3 treasurer with Nalcor Energy, as well as	3 Q. Thank you.
4 Newfoundland and Labrador Hydro. So in my	4 MR. PELLEY:
5 role I'm responsible for a couple of areas for	5 A. I believe, Fred, I think I only answered half
6 all our subsidiaries, including Newfoundland	6 your question. I left out the, I guess,
7 and Labrador Hydro. I guess one of the main	5 background and work experience piece. I'm
8 areas would be financing, the design and	8 also a chartered accountant, have a B.Sc
9 execution of financing strategies for Nalcor	9 (honours) from Memorial and an MBA from
and its subsidiaries. The other area would be	Memorial with a concentration in finance.
financial risk management for the company, as	11 I've been with Nalcor for about five years in
well as cash management and general banking,	several different roles, and prior to that, I
and relationship management with some of our	worked in public accounting in the areas of
14 key finance stakeholders, such as banks,	audit insurance, as well as corporate finance
rating agencies and our shareholder. Anything	and business valuations.
16 else?	16 MR. CASS:
17 MR. CASS:	17 Q. Okay. Thank you. Ms. Russell, what area of
18 Q. No, that's fine, thank you. Ms. Russell, the	evidence is this panel responsible for?
same, please, could you just confirm your	19 MS. RUSSELL:
20 position and give a summary of your work	20 A. We'll be responsible for Section 3 of the
21 experience?	21 finance evidence.
22 MS. RUSSELL:	22 MR. CASS:
23 A. Sure. I'm the general manager of finance for	23 Q. Okay, thank you, and do you adopt the written
24 Hydro and responsible for the finance,	evidence in that area?
regulatory and supply chain areas in Hydro. I	25 MS. RUSSELL:

No	vember 16, 2015 Mult	i-Pa	Page ''' NL Hydro GRA
	Page 5	5	Page 7
1	A. Yes.	1	hours a barrel began to change materially in
2	MR. CASS:	2	2 2009 and if we pull up Table 2.21 on page 2.75
3	Q. Okay. Now with respect to Hydro's proposed	3	of our evidence, it'll show the magnitude of
4	new supply deferral mechanisms, what do you	4	the impact this change has had since Hydro's
5	say, Ms. Russell, about the comments that have	5	5 last GRA. So if you look at the last line
6	been made that they transfer risk and take	6	6 there, Hydro's financial loss.
7	away incentive to manage costs?	7	Finally, with respect to the isolated
8	MS. RUSSELL:	8	systems deferral, I would like to reference
9	A. First I would disagree that these accounts	9	9 the chart 3.9 on page 3.47, the one we
10	take away Hydro's incentive to manage these	10	o previously looked at, and this chart shows the
11	costs. While Hydro always strives to provide	11	amount of volatility that can exist in the
12	least cost service to customers, there are	12	price of diesel, over which Hydro has no
13	some items that are beyond management's	13	control, which was most apparent in 2008. And
14	control, regardless of how good the forecast	14	this increased volatility is the driver behind
15	may or may not be. So these three deferral	15	5 Hydro's request for this deferral mechanism.
16	accounts, in Hydro's opinion, are examples of	16	6 MR. CASS:
17	such costs. For example, the isolated systems	17	7 Q. Okay. Do you have a forecast of what the
18	deferral account, which shares with customers	18	8 balances will be for 2015?
19	large changes in the price of diesel fuel,	19	9 MS. RUSSELL:
20	includes a plus or minus \$500,000 dead band	20	20 A. Yes. These are included in Appendix A of an
21	which accrues to Hydro before any amounts are	21	Undertaking 55 that was provided and basically
22	paid for by customers. So this means that in	22	the amounts total about 12.7 million.
23	one account in this one account has a one	23	23 MR. CASS:
24	million dollar incentive to manage these	24	Q. Okay. And how will these proposed deferral
25	costs. Further, if you look to page 347 on	25	· · · · · · · · · · · · · · · · · · ·
	Page 6	5	Page 8
1	Hydro's evidence, which Jenny, I don't know if		1 MS. RUSSELL:
2	you can bring that up for a second? You'll	2	
3	see that the price of diesel fuel spiked from	3	
4	65 cents a litre to 110 cents a litre in the	4	
5	mid 2008 due to market factors, which would	5	•
6	have been beyond management's control.	6	
7	It is Hydro's position that these	7	•
8	deferrals, through the proposed dead bands,	8	
9	provide management the incentive to	9	
10	efficiently manage costs that are within its	10	
11	control and share with customers a portion of	11	
12	an increase or a decrease in the cost of	12	
13	providing service.	13	
1	MR. CASS:		4 MR. CASS:
15	Q. Why is Hydro proposing these accounts at this	15	
16	time?	16	
	MS. RUSSELL:		7 MS. RUSSELL:
18	A. So there are two reasons. First, many of the	18	
19	sources of energy supply are new since Hydro's	19	
20	last GRA. This includes wind generation,	20	-
21	Nalcor Exploits and the Holyrood CT. To the	21	•
22	extent that production varies from these	22	
1	A 11 ' 11 ' 11 ' 11 ' 11 ' 11 ' 11 ' 11	122	an adjustment of five infinite defiate for 2013

23

24

25

to reflect lower actual capital additions when

compared to the 2015 test year. However, this

rate base adjustment is appropriate for the

sources, they can materially impact Hydro's

Holyrood conversion factor, the 630 kilowatt

financial results and with respect to the

23

24

Multi-Page TM November 16, 2015 Page 9 Page 11 2015 cost deferral only and not for the A. Yes. There were a number of RFIs where we 1 purpose of determining revenue requirement for 2 2 responded that the allocation -- the 2016. These assets are already in service, description of which particular line of 3 3 like the Holyrood CT, or expected to be in Nalcor, which line of business was included in 4 4 service in 2015 and therefore will be used and the admin fee wasn't relevant. We certainly 5 5 6 useful in the provision of service to just didn't provide that information not to be 6 7 customers for all of 2016. As such, it is not transparent, just we just didn't see the 7 importance of the difference between just appropriate that Hydro should be given the 8 8 opportunity to earn a return on these assets Hydro and the other Nalcor lines. So, all of 10 in 2016 and necessary for Hydro to have the 10 the Nalcor lines that are included are 100 opportunity to earn a just and reasonable percent owned by Nalcor. So, if the Board 11 11 return in 2016. would like us to provide that information, we 12 12 certainly can do so. 13 (9:15 a.m.) 13 14 MR. CASS: 14 MR. CASS: 15 Q. All right, thank you. Now, Ms. Lutz, just a Q. Okay. Another area he addressed was about 15 16 few questions for you following up on Mr. 16 Hydro providing information on the common Rolph's examination-in-chief that I think was expenses it charges Nalcor and other entities 17 17 on October 19th. Now first, Mr. Rolph in the Nalcor group. Do you have a comment on 18 18 mentioned two potential issues with respect to his testimony there? 19 19 cost for common services, one that related to 20 MS. LUTZ: 20 payroll taxes and the other relating to the A. Yes. In that particular section, I believe he 21 21 allocation of common expenses. Can you was referencing a particular RFI where he had 22 22 asked for information on which expenses Hydro comment on what Mr. Rolph said in those areas? 23 23 had paid and which ones, whether they belong 24 to Nalcor or not. The particular RFI was PUB-A. Yes. With regard to the payroll tax, we had 25 Page 10 Page 12 explained in RFI NP-NLH-313 what the nature of NLH-411 and that was expenses related to cell 1 1 the payroll tax is and essentially what it is, phones and auto fees and things like that. 2 2 3 all the payroll tax that is in the common The reason we couldn't provide that 3 4

service business unit that is part of the 4 5 admin fee allocation relates to Hydro employees and therefore it was deducted from 6 7 the allocation of the common expenses that 8 would be shared across the lines of business 9 of Nalcor. I think there was a little bit of confusion about that, so I'd just like to 10 11 clarify. The other point was he had indicated that all the costs might not be fully 12 burdened. So the way I had interpreted his 13 common was that to say that in terms of the 14 human resource department, for instance, we 15 had not factored in human resources share of 16 the IS department's expenses, for instance. 17 I believe he is correct on that particular 18 19 point. 20 MR. CASS:

Q. Okay. He also spoke about clarification regarding which of Nalcor's other lines of

expenses. Do you have a comment on that?

businesses were allocated an amount for common

information, in order to get the info back to 2007 would have meant that we would have to 5 review all the invoices since that time in all 6 7 those categories and we would have had to analyze and provide that information and we 8 9 couldn't do that in the timeframe that we had. All the expenses that were noted on that 10 11

RFI and the one that that one actually referenced, which was PUB-NLH-155 and 156, was -- they're all Hydro's expenses only, so they weren't any expenses related to Nalcor or anything else. The intercompany transaction costing guidelines note that any payments between entities are settled within 30 days.

18 MR. CASS:

12

13

14

15

16

17

19 Q. Okay. Thank you. And he also recommended that time be coded in 15-minute increments 20 21 rather than 30 minutes. What would be your 22 comment on that? 23 MS. LUTZ: 24 A. Our timesheet system codes time in 30-minute

25 increments and basically, the nature of the

21

22

23

24

25 MS. LUTZ:

Page 13 work that we do, being more project based, we 1 2 don't really see any benefits in moving to a 2 15-minute increment. However, if the Board debt guarantee fee? 3 3 would like us to do that, we could review 4 MR. PELLEY: 4 this, but it would require us to make a 5 5 6 modification to our system. But if that's 6 7 something important, we could look at it. 7 8 MR. CASS: 8 Q. Okay. And Mr. Pelley, just a few questions 9 10 for you about the debt guarantee fee, please. 10 First, how does Hydro's debt guarantee from 11 11 the Province compare to the situation of other 12 12 Canadian Crown owned utilities? 13 13 14 MR. PELLEY: 14 A. I think if you take a step back and look at 15 15 16 what the guarantee is meant to achieve, you'll

Page 14

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

you know, amongst the most creditworthy of counter parties. So, you know, in Hydro's case, that means we can -- armed with a provincial guarantee, we have the benefit of being able to access the credit markets both in good times and in bad times.

see that Hydro is probably not unique amongst

other Crown owned corporations, and I think to

context, we look back, take a step back and

governments. Obviously amongst all the types

governments can raise revenues through taxes

and other means, they tend to be viewed as,

look at how the credit markets view

of potential debt issuers out there, because

understand that, just to give a bit of

17

18

19

20

21

22

23

24

25

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25 MR. CASS:

And the only other, I think, utility that I'm aware of that borrows directly with a guarantee, and that guarantee is included in rates, is the case of Hydro Quebec. But if you look at other Crown corporations across the country, such as those in Ontario, BC Hydro, Manitoba Hydro, instead of getting a guarantee from their province, they borrow directly from the province. So at the end of the day, when you look past it all, in either case you're getting the benefit of the strong creditworthiness of the government. So even though Hydro is only one of two Crown utilities that I'm aware of that borrow directly through a guarantee, again when you look at what it achieves at the end of the day, which is access to the credit markets, it's not unique.

Page 15 Q. Okay. And what is the basis for Hydro's request that the Board approve recovery of the

A. I guess, the -- and that's been discussed at this hearing I think on a number of occasions and I think there's two issues here. One is the fact that legislation has changed with respect to the debt guarantee fee and instead of it being a legislative obligation, for lack of a better word, we've been directed by our shareholders to continue to pay a guarantee fee. So we don't -- we certainly don't view that direction that we received from our shareholder as binding on the Board. The 16 Board has a decision to make with respect to whether or not the debt guarantee fee should 17 be recovered in rates, but our rationale for 18 including it is twofold. I guess one, it 19 represents a component of Hydro's cost of 20 service and going back to the answer I just 21 gave, we rely on that guarantee fee for 22 accessing the credit markets, so we view it as 23 being very much a part of -- or very much an 24 expense incurred in connection with our 25

mandate to provide safe, reliable and least cost power, and secondly, we think that we've

gone through great lengths to ensure that the amount is still reasonable.

So we're asking the Board to consider those factors and looking back as well at past precedent. Hydro has always been able to recover the debt guarantee fee in rates and if we go back to even 2002, 2003 in P.U. -- I think it was P.U. 7, and I could read directly, "the Board acknowledges the fundamental importance of the provincial guarantee to Hydro's financial status. The Board recognizes the need to maintain the provincial guarantee until such a time as Hydro is in a position to achieve or maintain a sound credit rating in the financial markets of the world on a stand-alone basis."

And then again, it was in 2004 in P.U. 14, "the Board accepts that the Government guarantee plays a key role in supporting Hydro's ability to access needed capital at reasonable rates." And in our view, nothing has really changed with respect to our circumstances since then, so we still rely on

Page 16

Page 17 Page 19 And I guess one thing I would say is that that guarantee for access to the credit 1 1 Hydro is not unique in the fact that it is a 2 markets. 2 Crown owned utility with a government directed 3 And then secondly, I think we've gone 3 through great lengths to ensure that the fee ROE that also has deferral accounts. I'm not 4 4 is still reasonable. We've done a number of sure if it's been mentioned in this context or 5 5 6 market studies and those have all been placed not, but I am aware that BC Hydro, for 6 7 on the record as well. So, really we're just instance, has a directed ROE which is much 7 -- again, to recap, you know, we don't view higher than Hydro's. They have, I think, 8 8 three key deferral accounts that I'm aware of. the Order in Council that we received as being 9 10 binding on the Board. The Board still has a 10 Now two of those accounts were directed by decision to make, but I think the government as part of the ROE, but I believe 11 11 circumstances that caused the Board to approve it's their non-heritage deferral account, 12 12 their board awarded them after that ROE had 13 the fee in the past are still relevant. 13 14 MR. CASS: been directed. So there is -- you know, so 14 there is precedent for that out there in other Q. Okay. Thank you, Mr. Pelley. 15 15 16 MR. PELLEY: 16 jurisdictions. A. So that would be my view on that. But, you know, and as I said before, I 17 17 guess in a more broad sense, supply mechanism 18 MR. CASS: 18 deferrals are common in other utilities across Q. And then just one final question in another 19 area. What is your comment on whether the new Canada. I think it was in our response to 20 20 deferral mechanisms proposed by Hydro are PUB-388, we had outlined some of those. 21 21 affected by Hydro's return on equity now being 22 22 They're common in other jurisdictions across set by government directive? Do you see any the country. So there's other utilities out 23 23 relationship between the return being set by there that have accounts similar to what Hydro 24 24 is proposing and I'm making you jump all government directive and the proposed new 25 25 Page 18 Page 20 deferral mechanisms? around here, Jenny, I'm sorry, but if you look 1 1 at chart 3.4 then on our pre-filed evidence, a 2 MR. PELLEY: 2 A. Well, I think if you look at it, and I believe lot of those same utilities that have these 3 3 we've answered this in an RFI. I'm not sure types of deferral accounts have much higher 4 4 5 if it's -- just one second now, I'm just 5 ROEs than Hydro currently has. So you know, what this tells me, is looking at both the getting her to bring up a reference, if I 6 6 could. Yeah, if you could bring up PUB-098, direct comparison to what's going on in 7 7 Jenny? Actually, 097 first, sorry. British Columbia with BC Hydro and the 8 8 9 So based on our response here to PUB-097, 9 industry as a whole across Canada, as well as we definitely think or it's our view that cost the other utility in this province, being 10 10 deferral and recovery mechanisms definitely Newfoundland Power, the types of deferral 11 11 affect what I call the residual risks that a accounts that we're proposing are common and 12 12 utility faces after those costs are consistent with Hydro's level of return. 13 13 stabilizing. Generally speaking, those are --14 14 MR. CASS: those mechanisms are definitely part of 15 15 Q. Okay, thank you. That completes the establishing what a fair return is for any examination-in-chief, Mr. Chair. Thank you. 16 16 regulated utility and I think the Board still 17 17 CHAIRMAN: -- you know, our position is that the Board Q. So, Mr. O'Brien, I believe we're over to you, 18 18 19 still has to, I guess, look at the fact that 19 our return has been directed and as well as 20 CROSS-EXAMINATION BY MR. LIAM O'BRIEN 20 21 the fact that now on top of that, we're 21 MR. O'BRIEN:

22

23

24

25

Q. Thank you, Mr. Chair. Good morning, folks. If I could -- I thank you for the background

information. I wrote down some of it. I

don't think I got all of it, so I might ask

those things fit together.

22

23

24

25

proposing these recovery mechanisms, but I

believe your -- I guess your original question

is, I guess, in my opinion, how do I think

November 16, 2015	Multi-Pa	ge TM	NL Hydro GRA
P	Page 21	_	Page 23
you a little bit more, just from each of you.		there wa	s a general manager of finance which
2 I wonder if we could bring up PUB-NLH-138			oles underneath that. Like you might
3 Attachment 1, page five? I just get a sense	3		ral manager corporate services.
4 here of I think this is Finance. Okay,		MR. O'BRIEN:	
5 here we go. Just get a sense of where	5		the left-hand side there?
6 everybody lies on that. Ms. Russell, your		MS. RUSSELL:	
7 position is general manager of finance.	7	A. That's a	n older job description, yeah.
8 That's you right in the middle of the second		MR. O'BRIEN:	J
9 line? Is that right?	9	Q. Okay, al	l right.
10 MS. RUSSELL:	10 1	MS. RUSSELL:	6
11 A. Yes.	11		change occurred after that.
12 MR. O'BRIEN:		MR. O'BRIEN:	8
13 Q. Okay. And how long have you been in that			change, okay. And you right now
position?	14		rectly to the VP of Finance and CFO.
15 MS. RUSSELL:	15		ill the case now since the recent
16 A. Since January 2014.	16	restructu	
17 MR. O'BRIEN:		(9:30 a.m.)	
18 Q. January 2014, okay. And what was you		MS. RUSSELL:	
position prior to that?	19		w I report to the president.
20 MS. RUSSELL:		MR. O'BRIEN:	Troport to the president.
21 A. I was in the manager of rates and regulatory	_		o you report to Mr. MacIsaac directly
for one year prior to that.	22	now, do	•
23 MR. O'BRIEN:		MS. RUSSELL:	you.
24 Q. Okay. And the manager of rates, that's right		A. I do, yes	
25 below?		MR. O'BRIEN:	•
	Page 22	THE STALL OF	Page 24
1 MS. RUSSELL:	age 22	O Okay	And prior to, I guess, the recent
2 A. Yeah.		-	ring, just give me an idea as to what
3 MR. O'BRIEN:	$\begin{vmatrix} 2 \\ 3 \end{vmatrix}$		orting relationship was with the VP of
4 Q. That's the 520-24 position, is it?	4	-	Was that a regular did you have
5 MS. RUSSELL:	5		neetings, that kind of thing? How did
6 A. Correct.	6	that worl	9
7 MR. O'BRIEN:		MS. RUSSELL:	ν.
8 Q. Okay. And that's Mr. Fagan's position now			had regular meetings. We have a
9 MS. RUSSELL:	. 0		neeting every Monday morning and then
10 A. Correct.	10	•	any particular issues or anything
11 MR. O'BRIEN:	11		ongoing, he's always available for
12 Q. And who was in the position of general mana			ending on what's going on.
finance prior to you?	~	MR. O'BRIEN:	maning on white a going on.
14 MS. RUSSELL:	14		and I wonder if we could pull up PUB-
15 A. That's a new position.	15	-	Revision 5? So these are this is
16 MR. O'BRIEN:	16		us PUB-228 we looked at on a number of
17 Q. That's a new position, okay. And the reason			s. If we can look at the attachment,
ask that, I had a look at I believe you	18		e are the hours that are charged in
report directly to the VP of Finance and the	19		or leadership team positions into
20 CFO and I didn't see under his job description			The VP of Finance and chief financial
21 a list of I saw a list of positions that	$\begin{vmatrix} 20 \\ 21 \end{vmatrix}$		here, if we look across, we see 2011,
were boarded in, but I didn't see yours.	22		rs, 2012 48, 2013 60.5. I'm just
23 MS. RUSSELL:	23		get a flavour as to sort of how much
24 A I think the massen for that is because at the	23		t the VD of Finance would have

24

25

oversight the VP of Finance would have

provided to you in your role as, I guess -- or

A. I think the reason for that is because at the

time that RFI was probably originally filed,

24

Page 25 Page 27 to the manager of finance, I guess, in that regulatory group and then the supply chain 1 2 role. 2 function as well. 3 MS. RUSSELL: 3 MR. O'BRIEN: A. So as I said, he is always available, so I can Q. Okay. So the regulatory applications, they see the time charged there. While I can't all go through you? 5 5 speak for how Mr. Sturge codes his time, I 6 MS. RUSSELL: 6 know that when I look at that, I know I've A. Yes, Mr. Fagan, like they go through Mr. Fagan 7 first and then the majority of them would come 8 spent more time than that with him. So I'm 8 not sure, you know, could be the same instance 9 to me. 10 as the other people as to how time coding for 10 MR. O'BRIEN: things that are sort of safety and related Q. Okay, then they come through you. Okay. And 11 11 that span across all different business units. prior to the recent restructuring, did you 12 12 have any sort of dotted line reporting 13 MR. O'BRIEN: 13 requirements to the VP of Hydro? How did that 14 Q. Okay. So starting then in your new position 14 in January of 2014, there's hours there of 300 work? 15 15 16 hours. What level of oversight did Mr. Sturge 16 MS. RUSSELL: provide to you, I guess, going forward in 17 17 A. In my current role, I do have a dual reporting January? Was it -- do you think it was more relationship to Mr. Henderson and it is in my 18 18 than what was provided to the previous manager 19 19 job description. 20 MR. O'BRIEN: of finance? 20 Q. Okay. And I don't know if we have your job 21 MS. RUSSELL: 21 description on file. I wonder if you could 22 A. And which year are you referring to now? 22 undertake to provide a copy of that? 23 23 MR. O'BRIEN: 24 MS. RUSSELL: Q. 2014 when you started in your new position. A. Yeah, no problem. 25 MS. RUSSELL: Page 26 Page 28 A. 2014, I think there was -- 2014 when I started 1 MS. GLYNN: 1 in that position, there were a lot of the --Q. Noted on the record. 2 the GRA was ongoing. There were a lot of 3 3 MR. O'BRIEN: applications, regulatory applications that Q. And I guess starting in January with your new 4 position, of 2014, did you provide any 5 would have taken up a lot of his time in that 5 services to other lines of business for Nalcor year. 6 6 7 MR. O'BRIEN: 7 or was it just Hydro? Q. Okay. And you're involved in the regulatory 8 MS. RUSSELL: 8 applications, I guess, as manager of A. Just Hydro. 9 regulatory as well? 10 MR. O'BRIEN: 10 11 MS. RUSSELL: 11 Q. Just Hydro, okay. And you're a member of the Hydro leadership team? A. Yes. 12 12 13 MR. O'BRIEN: 13 MS. RUSSELL: Q. In your position. Just give me an idea of --14 14 A. I am. can you expand on exactly what your role 15 MR. O'BRIEN: 15 involves on a day-to-day basis, I guess? Q. Okay. And we've heard some mention of regular 16 16 17 MS. RUSSELL: monthly meetings of the leadership team. 17 A. So I'm in charge of the regulatory department 18 MS. RUSSELL: 18 and the finance department and the supply A. Yes. 19 19 chain department. So those are my -- the 20 20 MR. O'BRIEN: groups that report up to me. And so, you Q. You take part in those meetings, do you? 21 know, all the financial reporting, quarterly 22 22 MS. RUSSELL: reporting that goes on for Hydro, the A. Yes. 23 23 regulatory applications that would be -- all 24 24 MR. O'BRIEN: 25 the work would be done in the rates and 25 Q. Okay. And do you attend any Nalcor leadership

November 16, 2015	Multi-Page TM	NL Hydro GRA
	Page 29	Page 31
1 meetings?	1 Q. It's since been chang	_
2 MS. RUSSELL:		restructuring that it's
3 A. No.	3 been changed to a Hy	_
4 MR. O'BRIEN:	4 MS. RUSSELL:	1
5 Q. No, okay. Now in terms of your direct it		
6 we could go back to the PUB-138, just to get		
7 an idea of your direct reports? You have		
8 is this an up-to-date sort of structure or is	8 MS. RUSSELL:	
9 there changes now in terms of who directly		timing. It could have
reports into you?		might have been the
11 MS. RUSSELL:	beginning, late '14 or	
12 A. No, I think that's an up-to-date structure,	12 MR. O'BRIEN:	
except for the manager of regulatory	13 Q. Okay. And so that's	since this -
14 engineering.	14 MS. RUSSELL:	
15 MR. O'BRIEN:	15 A. Correct, since this.	
16 Q. Okay.	16 MR. O'BRIEN:	
17 MS. RUSSELL:	17 Q this organizational of	chart was provided.
18 A. That position is down underneath on thi	_	•
chart, it's down underneath Kevin, the man		
of rates, Fagan.	20 MR. O'BRIEN:	
21 MR. O'BRIEN:	21 Q. And Mr. Pelley, are y	you on this particular -
22 Q. Okay, and the manager of I'm just trying		•
23 find it.	23 A. Let me see.	
24 MS. RUSSELL:	24 MR. O'BRIEN:	
25 A. It's 520-33.	25 Q. You're corporate trea	asurer? Is that right?
	Page 30	Page 32
1 MR. O'BRIEN:	1 MR. PELLEY:	
2 Q. Okay, all right.	2 A. That's right. So tha	at would just for
3 MS. RUSSELL:	3 reference, that's -	3
4 A. Three down underneath. That person, that	's 4 MR. O'BRIEN:	
5 another position that reports directly to me.	5 Q. You're over here on	the right-hand side?
6 So there's five.	6 MR. PELLEY:	-
7 MR. O'BRIEN:	7 A. 441-02.	
8 Q. Okay. So that person is moved up?	8 MR. O'BRIEN:	
9 MS. RUSSELL:	9 Q. Right, okay, I can see	e you there.
10 A. Correct.	10 MR. PELLEY:	
11 MR. O'BRIEN:	11 A. I would say that it ap	pears to be I'm missing
12 Q. To the line with the four direct reports,	12 I don't know if t	here's more to this
13 okay.	graphic or is this even	rything, Jenny? Because
14 MS. RUSSELL:	14 I actually have then	re's two positions that
15 A. Um-hm.	report into me. One i	s shown there as manager
16 MR. O'BRIEN:	of treasury operation	s.
17 Q. And the manager of supply chain manager	ment, 17 MR. O'BRIEN:	
that's a Nalcor position?	18 Q. Right.	
19 MS. RUSSELL:	19 MR. PELLEY:	
20 A. No, it's a Hydro position.	20 A. 432-01. But there'd	l also be an assistant
21 MR. O'BRIEN:	21 treasurer.	
22 Q. Okay.	22 MR. O'BRIEN:	
23 MS. RUSSELL:	23 Q. Assistant treasurer as	
24 A. It's since been changed to a Hydro position		position?
25 MR. O'BRIEN:	25 MR. PELLEY:	
		Page 20 Page 32

140Vember 10, 2015	ini-i age initityuto GRA
Page	Page 35
1 A. That is a Nalcor position.	1 Q. That's divisional controller, electrical
2 MR. O'BRIEN:	2 utilities?
3 Q. Nalcor.	3 MS. LUTZ:
4 MR. PELLEY:	4 A. Yes.
5 A. As is the manager of treasury operations.	5 MR. O'BRIEN:
6 MR. O'BRIEN:	6 Q. And how long have you been in that particular
7 Q. Right, okay. And Mr. Pelley, you're a Nalcor	7 role?
8 employee?	8 MS. LUTZ:
9 MR. PELLEY:	9 A. Since July of 2014.
10 A. That's correct.	10 MR. O'BRIEN:
11 MR. O'BRIEN:	11 Q. 2014, okay. And just give me an overview as
12 Q. And how long have you been in your present	to what your role entails?
position?	13 MS. LUTZ:
14 MR. PELLEY:	14 A. Essentially it's financial reporting,
15 A. Presently two years approximately.	forecasting, budgeting, GRA support.
16 MR. O'BRIEN:	16 MR. O'BRIEN:
17 Q. Two years.	17 Q. And what and are you responsible for
18 MR. PELLEY:	overseeing intercompany transactions?
19 A. Since 2013.	19 MS. LUTZ:
20 MR. O'BRIEN:	20 A. Yes.
21 Q. Okay. And this may be a repeat, but your	21 MR. O'BRIEN:
22 prior position?	22 Q. Is that part of your role as well? How does
23 MR. PELLEY:	that work?
24 A. Prior to that, I was the assistant treasurer.	24 MS. LUTZ:
25 MR. O'BRIEN:	25 A. As part of the part of my role, yes, for
Page	34 Page 36
Page 1 O. Okav.	
Page 1 Q. Okay. 2 MR. PELLEY:	1 Hydro.
1 Q. Okay. 2 MR. PELLEY:	1 Hydro. 2 MR. O'BRIEN:
 Q. Okay. MR. PELLEY: A. For approximately two years. 	 1 Hydro. 2 MR. O'BRIEN: 3 Q. And is it just for Hydro? Is there a separate
 Q. Okay. MR. PELLEY: A. For approximately two years. MR. O'BRIEN: 	 1 Hydro. 2 MR. O'BRIEN: 3 Q. And is it just for Hydro? Is there a separate 4 Nalcor piece of that role?
 Q. Okay. MR. PELLEY: A. For approximately two years. MR. O'BRIEN: Q. All right. 	 1 Hydro. 2 MR. O'BRIEN: 3 Q. And is it just for Hydro? Is there a separate 4 Nalcor piece of that role? 5 MS. LUTZ:
 Q. Okay. MR. PELLEY: A. For approximately two years. MR. O'BRIEN: Q. All right. MR. PELLEY: 	 Hydro. MR. O'BRIEN: Q. And is it just for Hydro? Is there a separate Nalcor piece of that role? MS. LUTZ: A. There would be a Nalcor piece of it.
 Q. Okay. MR. PELLEY: A. For approximately two years. MR. O'BRIEN: Q. All right. MR. PELLEY: A. And prior to that, I was the manager I was 	 Hydro. MR. O'BRIEN: Q. And is it just for Hydro? Is there a separate Nalcor piece of that role? MS. LUTZ: A. There would be a Nalcor piece of it. MR. O'BRIEN:
 Q. Okay. MR. PELLEY: A. For approximately two years. MR. O'BRIEN: Q. All right. MR. PELLEY: A. And prior to that, I was the manager I was in the position that's shown here as manager 	 Hydro. MR. O'BRIEN: Q. And is it just for Hydro? Is there a separate Nalcor piece of that role? MS. LUTZ: A. There would be a Nalcor piece of it. MR. O'BRIEN: Q. Okay. And who's involved with it from an
 Q. Okay. MR. PELLEY: A. For approximately two years. MR. O'BRIEN: Q. All right. MR. PELLEY: A. And prior to that, I was the manager I was in the position that's shown here as manager of treasury operations. 	 Hydro. MR. O'BRIEN: Q. And is it just for Hydro? Is there a separate Nalcor piece of that role? MS. LUTZ: A. There would be a Nalcor piece of it. MR. O'BRIEN: Q. Okay. And who's involved with it from an Nalcor side of things?
 Q. Okay. MR. PELLEY: A. For approximately two years. MR. O'BRIEN: Q. All right. MR. PELLEY: A. And prior to that, I was the manager I was in the position that's shown here as manager of treasury operations. MR. O'BRIEN: 	 Hydro. MR. O'BRIEN: Q. And is it just for Hydro? Is there a separate Nalcor piece of that role? MS. LUTZ: A. There would be a Nalcor piece of it. MR. O'BRIEN: Q. Okay. And who's involved with it from an Nalcor side of things? MS. LUTZ:
 Q. Okay. MR. PELLEY: A. For approximately two years. MR. O'BRIEN: Q. All right. MR. PELLEY: A. And prior to that, I was the manager I was in the position that's shown here as manager of treasury operations. MR. O'BRIEN: Q. Right, okay. And I think I got a good flavour 	 Hydro. MR. O'BRIEN: Q. And is it just for Hydro? Is there a separate Nalcor piece of that role? MS. LUTZ: A. There would be a Nalcor piece of it. MR. O'BRIEN: Q. Okay. And who's involved with it from an Nalcor side of things? MS. LUTZ:
 Q. Okay. MR. PELLEY: A. For approximately two years. MR. O'BRIEN: Q. All right. MR. PELLEY: A. And prior to that, I was the manager I was in the position that's shown here as manager of treasury operations. MR. O'BRIEN: Q. Right, okay. And I think I got a good flavour for your background and your responsibilities. 	 Hydro. MR. O'BRIEN: Q. And is it just for Hydro? Is there a separate Nalcor piece of that role? MS. LUTZ: A. There would be a Nalcor piece of it. MR. O'BRIEN: Q. Okay. And who's involved with it from an Nalcor side of things? MS. LUTZ: A. I think there's a lady named Jennifer Warren. MR. O'BRIEN:
 Q. Okay. MR. PELLEY: A. For approximately two years. MR. O'BRIEN: Q. All right. MR. PELLEY: A. And prior to that, I was the manager I was in the position that's shown here as manager of treasury operations. MR. O'BRIEN: Q. Right, okay. And I think I got a good flavour for your background and your responsibilities. 	 Hydro. MR. O'BRIEN: Q. And is it just for Hydro? Is there a separate Nalcor piece of that role? MS. LUTZ: A. There would be a Nalcor piece of it. MR. O'BRIEN: Q. Okay. And who's involved with it from an Nalcor side of things? MS. LUTZ: A. I think there's a lady named Jennifer Warren. MR. O'BRIEN:
 Q. Okay. MR. PELLEY: A. For approximately two years. MR. O'BRIEN: Q. All right. MR. PELLEY: A. And prior to that, I was the manager I was in the position that's shown here as manager of treasury operations. MR. O'BRIEN: Q. Right, okay. And I think I got a good flavour for your background and your responsibilities. Now, Ms. Lutz, are you on this particular chart as well? 	 Hydro. MR. O'BRIEN: Q. And is it just for Hydro? Is there a separate Nalcor piece of that role? MS. LUTZ: A. There would be a Nalcor piece of it. MR. O'BRIEN: Q. Okay. And who's involved with it from an Nalcor side of things? MS. LUTZ: A. I think there's a lady named Jennifer Warren. MR. O'BRIEN: Q. Okay. And do you know what her position is? MS. LUTZ:
 Q. Okay. MR. PELLEY: A. For approximately two years. MR. O'BRIEN: Q. All right. MR. PELLEY: A. And prior to that, I was the manager I was in the position that's shown here as manager of treasury operations. MR. O'BRIEN: Q. Right, okay. And I think I got a good flavour for your background and your responsibilities. Now, Ms. Lutz, are you on this particular chart as well? MS. LUTZ: 	 Hydro. MR. O'BRIEN: Q. And is it just for Hydro? Is there a separate Nalcor piece of that role? MS. LUTZ: A. There would be a Nalcor piece of it. MR. O'BRIEN: Q. Okay. And who's involved with it from an Nalcor side of things? MS. LUTZ: A. I think there's a lady named Jennifer Warren. MR. O'BRIEN: Q. Okay. And do you know what her position is?
 Q. Okay. MR. PELLEY: A. For approximately two years. MR. O'BRIEN: Q. All right. MR. PELLEY: A. And prior to that, I was the manager I was in the position that's shown here as manager of treasury operations. MR. O'BRIEN: Q. Right, okay. And I think I got a good flavour for your background and your responsibilities. Now, Ms. Lutz, are you on this particular chart as well? MS. LUTZ: A. Yes, on page five. 	 Hydro. MR. O'BRIEN: Q. And is it just for Hydro? Is there a separate Nalcor piece of that role? MS. LUTZ: A. There would be a Nalcor piece of it. MR. O'BRIEN: Q. Okay. And who's involved with it from an Nalcor side of things? MS. LUTZ: A. I think there's a lady named Jennifer Warren. MR. O'BRIEN: Q. Okay. And do you know what her position is? MS. LUTZ: A. Assistant corporate controller. MR. O'BRIEN:
 Q. Okay. MR. PELLEY: A. For approximately two years. MR. O'BRIEN: Q. All right. MR. PELLEY: A. And prior to that, I was the manager I was in the position that's shown here as manager of treasury operations. MR. O'BRIEN: Q. Right, okay. And I think I got a good flavour for your background and your responsibilities. Now, Ms. Lutz, are you on this particular chart as well? MS. LUTZ: A. Yes, on page five. MR. O'BRIEN: 	1 Hydro. 2 MR. O'BRIEN: 3 Q. And is it just for Hydro? Is there a separate 4 Nalcor piece of that role? 5 MS. LUTZ: 6 A. There would be a Nalcor piece of it. 7 MR. O'BRIEN: 8 Q. Okay. And who's involved with it from an 9 Nalcor side of things? 10 MS. LUTZ: 11 A. I think there's a lady named Jennifer Warren. 12 MR. O'BRIEN: 13 Q. Okay. And do you know what her position is? 14 MS. LUTZ: 15 A. Assistant corporate controller. 16 MR. O'BRIEN: 17 Q. Okay. And do you have regular contact with
1 Q. Okay. 2 MR. PELLEY: 3 A. For approximately two years. 4 MR. O'BRIEN: 5 Q. All right. 6 MR. PELLEY: 7 A. And prior to that, I was the manager I was 8 in the position that's shown here as manager 9 of treasury operations. 10 MR. O'BRIEN: 11 Q. Right, okay. And I think I got a good flavour 12 for your background and your responsibilities. 13 Now, Ms. Lutz, are you on this particular 14 chart as well? 15 MS. LUTZ: 16 A. Yes, on page five. 17 MR. O'BRIEN: 18 Q. Page five, all right.	1 Hydro. 2 MR. O'BRIEN: 3 Q. And is it just for Hydro? Is there a separate 4 Nalcor piece of that role? 5 MS. LUTZ: 6 A. There would be a Nalcor piece of it. 7 MR. O'BRIEN: 8 Q. Okay. And who's involved with it from an 9 Nalcor side of things? 10 MS. LUTZ: 11 A. I think there's a lady named Jennifer Warren. 12 MR. O'BRIEN: 13 Q. Okay. And do you know what her position is? 14 MS. LUTZ: 15 A. Assistant corporate controller. 16 MR. O'BRIEN: 17 Q. Okay. And do you have regular contact with 18 her, in terms of performing that aspect of
1 Q. Okay. 2 MR. PELLEY: 3 A. For approximately two years. 4 MR. O'BRIEN: 5 Q. All right. 6 MR. PELLEY: 7 A. And prior to that, I was the manager I was 8 in the position that's shown here as manager 9 of treasury operations. 10 MR. O'BRIEN: 11 Q. Right, okay. And I think I got a good flavour 12 for your background and your responsibilities. 13 Now, Ms. Lutz, are you on this particular 14 chart as well? 15 MS. LUTZ: 16 A. Yes, on page five. 17 MR. O'BRIEN: 18 Q. Page five, all right. 19 MS. LUTZ:	1 Hydro. 2 MR. O'BRIEN: 3 Q. And is it just for Hydro? Is there a separate 4 Nalcor piece of that role? 5 MS. LUTZ: 6 A. There would be a Nalcor piece of it. 7 MR. O'BRIEN: 8 Q. Okay. And who's involved with it from an 9 Nalcor side of things? 10 MS. LUTZ: 11 A. I think there's a lady named Jennifer Warren. 12 MR. O'BRIEN: 13 Q. Okay. And do you know what her position is? 14 MS. LUTZ: 15 A. Assistant corporate controller. 16 MR. O'BRIEN: 17 Q. Okay. And do you have regular contact with 18 her, in terms of performing that aspect of 19 your role? How does that work?
1 Q. Okay. 2 MR. PELLEY: 3 A. For approximately two years. 4 MR. O'BRIEN: 5 Q. All right. 6 MR. PELLEY: 7 A. And prior to that, I was the manager I was 8 in the position that's shown here as manager 9 of treasury operations. 10 MR. O'BRIEN: 11 Q. Right, okay. And I think I got a good flavour 12 for your background and your responsibilities. 13 Now, Ms. Lutz, are you on this particular 14 chart as well? 15 MS. LUTZ: 16 A. Yes, on page five. 17 MR. O'BRIEN: 18 Q. Page five, all right. 19 MS. LUTZ: 20 A. Yes, 101 -	1 Hydro. 2 MR. O'BRIEN: 3 Q. And is it just for Hydro? Is there a separate 4 Nalcor piece of that role? 5 MS. LUTZ: 6 A. There would be a Nalcor piece of it. 7 MR. O'BRIEN: 8 Q. Okay. And who's involved with it from an 9 Nalcor side of things? 10 MS. LUTZ: 11 A. I think there's a lady named Jennifer Warren. 12 MR. O'BRIEN: 13 Q. Okay. And do you know what her position is? 14 MS. LUTZ: 15 A. Assistant corporate controller. 16 MR. O'BRIEN: 17 Q. Okay. And do you have regular contact with 18 her, in terms of performing that aspect of 19 your role? How does that work? 20 MS. LUTZ:
1 Q. Okay. 2 MR. PELLEY: 3 A. For approximately two years. 4 MR. O'BRIEN: 5 Q. All right. 6 MR. PELLEY: 7 A. And prior to that, I was the manager I was 8 in the position that's shown here as manager 9 of treasury operations. 10 MR. O'BRIEN: 11 Q. Right, okay. And I think I got a good flavour 12 for your background and your responsibilities. 13 Now, Ms. Lutz, are you on this particular 14 chart as well? 15 MS. LUTZ: 16 A. Yes, on page five. 17 MR. O'BRIEN: 18 Q. Page five, all right. 19 MS. LUTZ: 20 A. Yes, 101 - 21 MR. O'BRIEN:	1 Hydro. 2 MR. O'BRIEN: 3 Q. And is it just for Hydro? Is there a separate 4 Nalcor piece of that role? 5 MS. LUTZ: 6 A. There would be a Nalcor piece of it. 7 MR. O'BRIEN: 8 Q. Okay. And who's involved with it from an 9 Nalcor side of things? 10 MS. LUTZ: 11 A. I think there's a lady named Jennifer Warren. 12 MR. O'BRIEN: 13 Q. Okay. And do you know what her position is? 14 MS. LUTZ: 15 A. Assistant corporate controller. 16 MR. O'BRIEN: 17 Q. Okay. And do you have regular contact with 18 her, in terms of performing that aspect of 19 your role? How does that work? 20 MS. LUTZ: 21 A. If I have questions or if there's an update to
1 Q. Okay. 2 MR. PELLEY: 3 A. For approximately two years. 4 MR. O'BRIEN: 5 Q. All right. 6 MR. PELLEY: 7 A. And prior to that, I was the manager I was 8 in the position that's shown here as manager 9 of treasury operations. 10 MR. O'BRIEN: 11 Q. Right, okay. And I think I got a good flavour 12 for your background and your responsibilities. 13 Now, Ms. Lutz, are you on this particular 14 chart as well? 15 MS. LUTZ: 16 A. Yes, on page five. 17 MR. O'BRIEN: 18 Q. Page five, all right. 19 MS. LUTZ: 20 A. Yes, 101 - 21 MR. O'BRIEN: 22 Q. 101-11?	1 Hydro. 2 MR. O'BRIEN: 3 Q. And is it just for Hydro? Is there a separate 4 Nalcor piece of that role? 5 MS. LUTZ: 6 A. There would be a Nalcor piece of it. 7 MR. O'BRIEN: 8 Q. Okay. And who's involved with it from an 9 Nalcor side of things? 10 MS. LUTZ: 11 A. I think there's a lady named Jennifer Warren. 12 MR. O'BRIEN: 13 Q. Okay. And do you know what her position is? 14 MS. LUTZ: 15 A. Assistant corporate controller. 16 MR. O'BRIEN: 17 Q. Okay. And do you have regular contact with 18 her, in terms of performing that aspect of 19 your role? How does that work? 20 MS. LUTZ: 21 A. If I have questions or if there's an update to 22 a process, I would work with Jennifer, yes.
1 Q. Okay. 2 MR. PELLEY: 3 A. For approximately two years. 4 MR. O'BRIEN: 5 Q. All right. 6 MR. PELLEY: 7 A. And prior to that, I was the manager I was 8 in the position that's shown here as manager 9 of treasury operations. 10 MR. O'BRIEN: 11 Q. Right, okay. And I think I got a good flavour 12 for your background and your responsibilities. 13 Now, Ms. Lutz, are you on this particular 14 chart as well? 15 MS. LUTZ: 16 A. Yes, on page five. 17 MR. O'BRIEN: 18 Q. Page five, all right. 19 MS. LUTZ: 20 A. Yes, 101 - 21 MR. O'BRIEN: 22 Q. 101-11? 23 MS. LUTZ:	1 Hydro. 2 MR. O'BRIEN: 3 Q. And is it just for Hydro? Is there a separate 4 Nalcor piece of that role? 5 MS. LUTZ: 6 A. There would be a Nalcor piece of it. 7 MR. O'BRIEN: 8 Q. Okay. And who's involved with it from an 9 Nalcor side of things? 10 MS. LUTZ: 11 A. I think there's a lady named Jennifer Warren. 12 MR. O'BRIEN: 13 Q. Okay. And do you know what her position is? 14 MS. LUTZ: 15 A. Assistant corporate controller. 16 MR. O'BRIEN: 17 Q. Okay. And do you have regular contact with 18 her, in terms of performing that aspect of 19 your role? How does that work? 20 MS. LUTZ: 21 A. If I have questions or if there's an update to 22 a process, I would work with Jennifer, yes. 23 MR. O'BRIEN:
1 Q. Okay. 2 MR. PELLEY: 3 A. For approximately two years. 4 MR. O'BRIEN: 5 Q. All right. 6 MR. PELLEY: 7 A. And prior to that, I was the manager I was 8 in the position that's shown here as manager 9 of treasury operations. 10 MR. O'BRIEN: 11 Q. Right, okay. And I think I got a good flavour 12 for your background and your responsibilities. 13 Now, Ms. Lutz, are you on this particular 14 chart as well? 15 MS. LUTZ: 16 A. Yes, on page five. 17 MR. O'BRIEN: 18 Q. Page five, all right. 19 MS. LUTZ: 20 A. Yes, 101 - 21 MR. O'BRIEN: 22 Q. 101-11?	1 Hydro. 2 MR. O'BRIEN: 3 Q. And is it just for Hydro? Is there a separate 4 Nalcor piece of that role? 5 MS. LUTZ: 6 A. There would be a Nalcor piece of it. 7 MR. O'BRIEN: 8 Q. Okay. And who's involved with it from an 9 Nalcor side of things? 10 MS. LUTZ: 11 A. I think there's a lady named Jennifer Warren. 12 MR. O'BRIEN: 13 Q. Okay. And do you know what her position is? 14 MS. LUTZ: 15 A. Assistant corporate controller. 16 MR. O'BRIEN: 17 Q. Okay. And do you have regular contact with 18 her, in terms of performing that aspect of 19 your role? How does that work? 20 MS. LUTZ: 21 A. If I have questions or if there's an update to 22 a process, I would work with Jennifer, yes.

November 16, 2015	Multi-Page	NL Hydro GRA
	Page 37	Page 39
anything like that? Did you have any role in	1	separate meetings. Like if there was a
2 that?	2	particular issue, for example, budgets or
3 MS. LUTZ:	3	forecasting, we would just hold separate
4 A. I participated in it, yes.	4	meetings outside of that for the group that
5 MR. O'BRIEN:	5	would be required to be there. Lots of times,
6 Q. You did, okay. And how long have you been	6	you know, I would go up and speak with Mr.
7 doing that particular piece? Has that been	7	Henderson about finance issues, and as well
8 part of a previous role that you were involved	8	the budgeting and forecasting are separate.
9 in?	_	O'BRIEN:
10 MS. LUTZ:		Q. Okay. And they wouldn't necessarily be
11 A. Yes. When I worked in the corporate office as	11	regular on a regular schedule, would they?
12 a corporate controller and prior to that, I	12	That would be sort of an ad-hoc basis?
was involved in the intercompany transactions.		RUSSELL:
14 MR. O'BRIEN:		A. They would be whenever they were needed. We
15 Q. Okay. And your previous role then as	15	do do quarterly forecasting. There are
16 corporate controller, was that with Hydro?	16	certain and the budget process as well,
17 MS. LUTZ:	17	once we start the budget process, there are
18 A. No, it was Nalcor.	18	set meetings to get together with managers on
19 MR. O'BRIEN:	19	costs.
20 Q. Nalcor, okay. And how long were you in that		. O'BRIEN:
21 role?		Q. So before you get to the budget sort of
22 MS. LUTZ:	22	process, I understand that starts sort of
23 A. From 2011 to 2014 when I moved over to Hydro		midyear I take it, is it?
24 MR. O'BRIEN:		RUSSELL:
25 Q. Okay. Right before you moved to Hydro?		A. Yes.
	Page 38	Page 40
1 MS. LUTZ: 2 A. Yes.		. O'BRIEN:
		Q. Before you get to that, you have early
3 MR. O'BRIEN:	3	quarterly meetings, I guess, first quarter,
4 Q. Okay. And what sort of direct reports do yo		that kind of thing?
5 have, Ms. Lutz?		. RUSSELL:
6 MS. LUTZ:		A. For just in general, like to talk about the
7 A. I have two direct reports. One is the manage		results.
8 of regulatory finance, who you met last wee		O'BRIEN:
9 Mr. Michael Conway.		Q. Okay.
10 MR. O'BRIEN:		. RUSSELL:
11 Q. Okay.		A. And every month we do every month we also
12 MS. LUTZ:	12	go out to all the operations groups to get the
13 A. Another is the manager of accounting,		variance analysis from actuals to budget.
14 financial reporting and budgeting.		O'BRIEN:
15 (9:45 a.m.)		Q. Okay. And that's every month?
16 MR. O'BRIEN:		. RUSSELL:
17 Q. Okay. And I just want to ask you, Ms.		A. Every month.
Russell, just in terms of the Hydro leadersh	_	O'BRIEN:
team, I just want to get some background w		Q. Okay. When you say various groups, those are
respect to how that works. So we have mon	•	the different divisions?
21 meetings you talked about. Are there separa		. RUSSELL:
finance meetings that you have, separate from		A. Whatever, yes. We would pull together the
23 the Hydro sort of leadership meetings?	23	variances and then we would go out to the
24 MS. RUSSELL:	24	different it could be, you know, like it
25 A. We would have so, yeah, there would 1	be 25	could be Holyrood, could be Bay d'Espoir. We

 $\boldsymbol{Multi\text{-}Page}^{\text{TM}}$ November 16, 2015 Page 41 Page 43 would go right across to get them to provide A. No. 1 2 the variance analysis. 2 MR. O'BRIEN: 3 MR. O'BRIEN: o. No? 3 Q. And how detailed are those variance analysis? 4 MS. RUSSELL: Do they get down into the minutia or are they 5 A. No. sort of high level? 6 MR. O'BRIEN: 7 MS. RUSSELL: Q. And would you agree with me that it's 7 important as a regulated entity for Hydro to 8 A. I think it depends on what the -- how big the 8 ensure that its interests were protected variance is. 10 MR. O'BRIEN: 10 within that organization? 11 MS. RUSSELL: 11 Q. Okay. 12 MS. RUSSELL: A. Yes. 12 A. It would depend on the magnitude of the 13 MR. O'BRIEN: 14 variance. 14 Q. Okay. And do you know if there's any -- were you aware of or informed of any guidelines or 15 MR. O'BRIEN: 15 Q. And what do you mean by that? 16 rules to follow with respect to any -- if 16 there ever arose a situation where there's a 17 MS. RUSSELL: 17 18 A. Well, if it was -- I think if there were 18 conflict between interests of Hydro and one of 19 certain variances that were larger, then we 19 the other lines of business? would have more backup. It really depends on 20 20 MS. RUSSELL: what the variance is and what the item is. A. Am I aware of any conflict? 21 21 22 MR. O'BRIEN: 22 MR. O'BRIEN: Q. And you would look for that backup yourself? Q. Yeah, or were you advised of how to deal with 23 23 Is that how that would work? it if it arises? 24 25 MS. RUSSELL: 25 MS. RUSSELL: Page 44 Page 42 A. Yes, and Carol Ann would as well, Ms. Lutz A. I don't think there -- I think -- I mean, I've 1 1 would as well. 2 never experienced a conflict that wasn't 2 resolved between the parties involved. 3 MR. O'BRIEN: 3 Q. All right. And if we backtrack, I guess, 4 MR. O'BRIEN: talking about the Hydro leadership meetings Q. Okay. 5 and we talked a lot throughout this hearing 6 MS. RUSSELL: 6 7 about the matrix organization structure and I A. And you know, I think from the perspective of 7 8 presume you'll all agree that when it comes to working in Hydro, you're always looking out 8 Hydro, for the purposes of this hearing for Hydro's interests and you work with any 9 9 anyway, Mr. Henderson was the single point of parties on items if there is any disagreement, 10 10 but as I've said, I've -- any disagreements or 11 accountability? Is that right? 11 12 MS. RUSSELL: if there ever have been any, have always been 12 A. Yes. 13 able to have been worked out. 13 14 MR. O'BRIEN: 14 MR. O'BRIEN: Q. Okay. And in terms of the matrix organization Q. Did Mr. Martin attend Hydro leadership 15 15 itself and the Hydro meetings, were there meetings? 16 16 regular discussions at those meetings as to 17 17 MS. RUSSELL: how Hydro is to ensure that its interests are A. No. 18 18 protected with inside of this matrix 19 19 MR. O'BRIEN: organization? Was that ever a topic? Q. And what Nalcor employees or positions 20 20 attended, to your recollection? 21 MS. RUSSELL: 21

22 MS. RUSSELL:

25 MR. O'BRIEN:

23

24

A. You mean people who are Nalcor as in like

their home base is Nalcor?

A. No. At the Hydro leadership meetings?

22

24

23 MR. O'BRIEN:

25 MS. RUSSELL:

o. Yes.

November 16, 2015	Multi-Page TM	NL Hydro GRA
Pa	ige 45	Page 47
1 Q. Yeah, as their home base, yeah.	1 MR. O'BRIEN:	
2 MS. RUSSELL:	2 Q. Okay. So during	each budget process in the
3 A. The manager of HR would be a Nalcor. The	e grevious year, ther	re's a number of hours that
4 safety, there's a manager of safety. I'm	4 are submitted by e	ach department?
5 trying to recall. It's sort of like you don't	5 MS. RUSSELL:	
6 really know who's Hydro. When you go to the	ese 6 A. Correct	
7 meetings -	7 MR. O'BRIEN:	
8 MR. O'BRIEN:	8 Q. And is that the san	ne for say executive level?
9 Q. Sure.	9 Do they submit ho	ours -
10 MS. RUSSELL:	10 MS. RUSSELL:	
11 A like I don't know who's Nalcor and who's	11 A. Yes.	
Hydro, like when everybody is there, they're	12 MR. O'BRIEN:	
all representing Hydro in the meeting. So,	· · · · · · · · · · · · · · · · · · ·	hat's going to be submitted
everybody is representing I'd have to go		? Is that how that works?
back to see, you know, what actual home bas		
they are.	16 A. Yes, all the hours	would be compiled.
17 MR. O'BRIEN:	17 MR. O'BRIEN:	
18 Q. And what VPs were present at those meetings		get a regular, I guess, on a
19 MS. RUSSELL:		n, you get a or is it a
20 A. So Mr. Henderson, Mr. Humphries and I belie		get an idea as to any
21 Ms. Dalley is also there.	variances on that?	
22 MR. O'BRIEN:	22 MS. RUSSELL:	month and statements and so
23 Q. Okay. 24 MS. RUSSELL:	_	month end statements and so
24 MS. RUSSELL: 25 A. She would be a Nalcor VP.	24 all the variances at 25 MR. O'BRIEN:	te done monuny.
	age 46	Page 48
1 MR. O'BRIEN:	_	art from I wonder if we
2 Q. Okay. And in terms of say project execution,		gain, Ms. Gray, the 228,
3 there was Mr. Gardiner.	· · · · · · · · · · · · · · · · · · ·	014, I presume, when you
4 MS. RUSSELL: 5 A. Mr. Gardiner was there.		es early on in that year.
5 A. Mr. Gardiner was there. 6 MR. O'BRIEN:	5 number of variance 6 Is that correct?	es earry on in that year.
7 Q. Okay. I wonder if we could we looked at	7 MS. RUSSELL:	
the hours on that PUB-228 earlier. Is that	8 A. In 2014?	
9 something that the hours charged in, is	9 MR. O'BRIEN:	
that something the finance department tracks?		etually on hudget?
How does that work?	11 MS. RUSSELL:	radily on budget.
12 MS. RUSSELL:	12 A. I believe -	
13 A. So the role that, I guess, the finance	13 MS. LUTZ:	
department would have in that is that we would		her.
15 in the budgeting process, there would be a	15 MS. RUSSELL:	
certain amount of hours that are budgeted that		
would go through the budget process and be	_	
approved for Hydro for charging in. So	18 Q. It was higher, was	it?
finance's role would be to every month the	19 MS. LUTZ:	
variances get compiled and if there was a	20 A. Than what was in	the 2014.
variance in that area, it would be identified	21 MR. O'BRIEN:	
and it would go back out to the operations or	22 Q. And when you do	get those variances, you get
the area that the variance occurred for an	23 explanations from	say the VPs in these
explanation and that's how you would track if	positions or the lea	adership team members as to
25 things were over what were -	25 the reasons for it?	
		Dage 45 Dage 48

November 16, 2015 M	Iulti-Page ML Hydro GRA
Page	e 49 Page 51
1 MS. RUSSELL:	1 MS. RUSSELL:
2 A. Yes.	2 A. But ultimately, I guess, the first control
3 MR. O'BRIEN:	would be the supervisor that would be
4 Q. Okay. Do you revise the budget for the rest	4 approving those timesheets.
of the year then based on those variances or	5 MR. O'BRIEN:
6 how does that work?	6 Q. So from the finance department perspective,
7 MS. RUSSELL:	7 really the only way you can track it is on
8 A. We don't revise budget. We would revise we	8 those variances, but it's whoever is charging
9 may revise the forecast.	9 it in really is the first is the one that
10 MR. O'BRIEN:	would have to answer for those variances and
11 Q. The forecast, yeah, okay.	provide that information to you?
12 MS. RUSSELL:	12 MS. RUSSELL:
13 A. Depending, yeah.	13 A. Yes.
14 MR. O'BRIEN:	14 MR. O'BRIEN:
15 Q. You'd agree with me, I guess, when we're	15 Q. Okay. Can you tell me the forecast here for
talking about the hours here, that it's	16 2015 and 2016, who who puts together those
important that these are reflective of what	forecasts for each year for your budget for
hours are being charged in? Is that important	those figures? Is that something that just
from an accounting perspective?	gets submitted by the individuals themselves
20 MS. RUSSELL:	20 to finance?
21 A. Yes.	21 MS. RUSSELL:
22 MR. O'BRIEN:	22 A. This Rev 5?
23 Q. Okay. And what is it that the finance	23 MR. O'BRIEN:
department does to ensure that they are	24 Q. Yeah.
25 reflective of the hours charged?	25 MS. RUSSELL:
Page	e 50 Page 52
1 MS. RUSSELL:	1 A. So I believe and Ms. Lutz may be able to
2 A. Again, with respect to I've sort of already	step in here. So this is a forecast that I
3 explained how we would identify like variances	
4 because we would be looking at what was	4 the numbers that are reflective in the test
5 approved in the budget because that's what	5 year.
6 would have been an approved amount for Hydro	
7 you know, going through its budgeting process,	•
8 and then if there were any variances through	8 MS. RUSSELL:
9 the year, that's when that's sort of the	9 A. You're wondering how they get -
role we would pick up on.	10 MR. O'BRIEN:
11 MR. O'BRIEN:	Q. Yeah, in those figures there, we see those
12 Q. Okay.	figures are higher in 2015 and 2016 than some
13 MS. RUSSELL:	of them before. Like if you look at president
14 A. With respect to people charging their time	and chief executive officer, 2013 is 137 and
15 correctly, I mean, ultimately that's that	it goes up to 560 and then it continues on in
would be on the supervisor to make sure	the forecast at 560 and 560. Is it the
17 whoever is doing the timesheet.	individual themselves that prepare those
18 MR. O'BRIEN:	18 forecasts or is that something the finance
19 Q. Okay.	19 department does?
20 MS. RUSSELL:	20 MS. RUSSELL: 21 A. So I think Ms. Lutz can probably best answer
A. We would pick up through we would see it in variance analysis if there were more hours	A. So I think Ms. Lutz can probably best answer that question for you.
23 charged or less hours charged.	22 that question for you. 23 MR. O'BRIEN:
24 MR. O'BRIEN:	24 Q. Okay, sure.
24 MR. O BRIEN: 25 Q. Right.	25 MS. LUTZ:
23 Q. Rigitt.	2J IVIO. LUIZ.

November 16, 2015 Page 53 Page 55 A. So with regards to the 2014 forecast, it was best information that we have as a proxy for 1 reflective of the actuals up to November. 2 2 say if we were doing a budget, unless someone knew specifically that their level of activity 3 MR. O'BRIEN: 3 Q. Of the actuals, right. would not be representative in an upcoming 4 year, for which we would do an adjustment. 5 MS. LUTZ: 5 A. And with an estimate for the last number of 6 MR. O'BRIEN: O. Okay. That makes sense. Just in terms of pay periods. 7 7 each of you, I'll ask each of you separately, 8 MR. O'BRIEN: 8 I guess, just in terms of your involvement in Q. Okay. 9 10 MS. LUTZ: 10 the rate case, I guess. Your panel has adopted Section 3, I guess, of the case, but I A. That's where the original '14 came from. '15 11 11 was also presented to be -- as you can see, want to know from each of you what sort of 12 12 it's very similar. And '16 was -- at the time involvement you had. So Ms. Lutz, what was 13 13 your involvement with -- let's say the 2013 that we filed '16, we hadn't done our 14 14 rate case filing first off, did you have any budget process, so that was the information 15 15 16 that we had at that time. 16 involvement in that? 17 MS. LUTZ: 17 MR. O'BRIEN: A. Yes, I did. As I mentioned, I was in 18 Q. Okay. So that's just a reflective of what was 18 for 2015 because you didn't have a budget for corporate at the time and I participated in 19 19 the compilation of the intercompany policies 2016? 20 20 and the guidelines and the actual FTE numbers 21 MS. LUTZ: 21 22 A. We hadn't had 2016, but the forecast that's 22 in conjunction with HR. there for 2015 is not the 2015 number that's 23 23 MR. O'BRIEN: in the 2015 test year. Q. Okay. And Ms. Russell? 24 25 MR. O'BRIEN: 25 MS. RUSSELL: Page 54 Page 56 Q. No, I understand that. A. For the 2013? 2 MS. LUTZ: 2 MR. O'BRIEN: Q. 2013 filing. A. Okay. 3 4 MR. O'BRIEN: 4 MS. RUSSELL: Q. I'm just wondering in terms of the forecast A. Yes. I would have been involved in the itself that's in there, those numbers, who preparation of that. 6 6 prepared those forecast numbers for '15 and 7 7 MR. O'BRIEN: 8 '16? Was it the individuals themselves or was Q. Okay. And what would your involvement have 9 that prepared by finance in the context of the been at that time? You were in a different 9 GRA or how did that work? position. 10 10 11 MS. LUTZ: 11 MS. RUSSELL: A. It would have been -- so, individuals would A. At that time I would have been manager of 12 12 have done their 2014 through their timesheet rates and regulatory at that time. 13 13 and then those numbers carried forward into 14 14 MR. O'BRIEN: 15 '15 and '16 was prepared by Human Resources Q. Okay. and I think they indicated when they were here 16 MS. RUSSELL: 16 that they compiled that information. 17 17 A. So we filed in July, so I think I would have been there probably about six months earlier 18 MR. O'BRIEN: 18 19 Q. Okay. And does Human Resources do that on a 19 that I would have started in the beginning of regular basis? Like for the earlier figures, 20 that year. 20 is it Human Resources that compiles that and 21 21 (10:00 a.m.)

22 MR. O'BRIEN:

regulatory.

23

24

25

Q. Okay. You started in January of 2013 as

manager of rates and regulation -- or

A. So essentially the way we do the budgeting for

intercompany transactions, we would use the

gives it to finance?

22

24

25

23 MS. LUTZ:

November 16, 2015	Multi-P	age NL Hydro GRA
1	Page 57	Page 59
1 MS. RUSSELL:	1	and the CEO.
2 A. Um-hm.	2	MR. O'BRIEN:
3 MR. O'BRIEN:	3	Q. Okay.
4 Q. And so your role, who would have been y	eah, 4	MS. RUSSELL:
okay. So you would have been involved w	vith 5	A. Before anything was filed.
6 the regulatory aspect of that, so Section 2 of	6	MR. PELLEY:
7 that GRA at that time, would you?	7	A. For my part, I was not involved in any final
8 MS. RUSSELL:	8	7.3
9 A. Section 4.	9	MR. O'BRIEN:
10 MR. O'BRIEN:	10	Q. No, okay. And do you know if the VP of
11 Q. Section 4, sorry.	11	Finance would have been involved with the
12 MS. RUSSELL:	12	final approval at that time?
13 A. Yes.	13	MS. RUSSELL:
14 MR. O'BRIEN:	14	A. Yes.
15 Q. With the rates, okay. And Mr. Pelley, wha	at 15	MR. O'BRIEN:
was your involvement, if any?	16	
17 MR. PELLEY:	17	
18 A. Personally, I would have been directly	18	_
involved with the actual preparation of som	ne 19	
of the evidence in Section 3.	1	MS. RUSSELL:
21 MR. O'BRIEN:	21	A. The 2013 one?
22 Q. Okay.	22	MR. O'BRIEN:
23 MR. PELLEY:	23	Q. 2013 one.
24 A. As well as some of the folks that were or	. 24	MS. RUSSELL:
one of the individuals that reports to me, the	25	A. It's hard to recall going back, but I know
1	Page 58	Page 60
1 manager of treasury operations, would have	-	
been involved with preparation of some of v		
3 I'm calling the finance schedules that are	3	
4 attached to Section 3, as well as some of the	4	
5 modelling that went behind that.		MR. O'BRIEN:
6 MR. O'BRIEN:	6	Q. And were there any discussions with any levels
7 Q. Okay, all right. And would you -	7	of government that you were aware of in terms
8 MR. PELLEY:	8	of that initial rate filing?
9 A. And of course, subsequent to that, we	9	MS. RUSSELL:
participated in answering RFIs on those	10	A. Not that I'm aware - not that I was involved
relevant sections.	11	in or aware of.
12 MR. O'BRIEN:	12	MR. O'BRIEN:
13 Q. And would you have overseen what your di	irect 13	Q. And neither one of you would have been
report would have been involved with prepa	ring 14	involved in any of those?
for those finance schedules?	15	MR. PELLEY:
16 MR. PELLEY:	16	A. There's no discussions that I was aware of.
17 A. Yes.	17	MR. O'BRIEN:
18 MR. O'BRIEN:	18	
19 Q. Yes, okay. And who gave the final approv	/al 19	
for the 2013 rate case? Were you either	20	
one of you involved in any discussions when		e
22 was finally approved and filed?	22	
23 MS. RUSSELL:	23	2
24 A. Well, final approval would go up through lil		
25 it would go through CFO, the VP of Hydro	0 25	MS. RUSSELL:

Multi-Page TM November 16, 2015 NL Hydro GRA Page 61 Page 63 A. Yes, so there's an RFI that talks about, I Q. And when was that first - when did you first 1 2 guess, some of - NP-NLH-369, that talks about 2 become aware of that? some of the delays, but the reason that - one 3 3 MS. RUSSELL: of the reasons that we refiled was because it A. I can't remember the exact time. Probably 4 would have been somewhere in the second 5 had been so long in the process and there had 5 been some changes in the operating costs for quarter, probably closer to May when we were 6 6 Hydro. The CT being one of the bigger items, looking at the numbers. 7 7 8 we needed to amend the financial information 8 MR. O'BRIEN: in order to provide rates that would provide a Q. And when you were tracking, and you mentioned 9 10 fair and reasonable return based on some of 10 earlier you tracked monthly any variances and these financial changes. that sort of thing, when you were tracking 11 11 12 MR. O'BRIEN: 12 monthly variances -Q. When you say the CT was a big item, how did 13 MS. RUSSELL: 13 that affect the operating cost? A. Yes. 14 14 15 MS. RUSSELL: 15 MR. O'BRIEN: A. Well, there is a fuel component of the new CT, Q. Did that - was that raising concern in 16 and the fuel efficiency factor was another January, February, and March, how did you 17 17 18 item. 18 track them? 19 MR. O'BRIEN: 19 MS. RUSSELL: Q. The CT wasn't operating at that point in 2014, A. Well, some of the items that were going to be 20 20 causing the change we think that were going to 21 was it? 21 22 MS. RUSSELL: 22 happen, like the CT back then would not have A. No, but when we amended, we did a 2015 test 23 been in service, but it would have been a 23 24 year. factor. 25 MR. O'BRIEN: 25 MR. O'BRIEN: Page 64 Page 62 Q. Were you seeing any other changes in terms -Q. 2015 test year. 2 MS. RUSSELL: 2 MS. RUSSELL: A. And it was anticipated being in service at the A. The fuel efficiency factor would have been 3 another driver of that as well. end of 2014. 4 4 5 MR. O'BRIEN: 5 MR. O'BRIEN: Q. Okay. Were you involved with any discussions Q. You say the fuel efficiency factor, is that -6 6 7 with the VP of Finance or the VP of Hydro 7 MS. RUSSELL: 8 about the need for a new rate case? A. The Holyrood conversion. 9 MS. RUSSELL: 9 MR. O'BRIEN: Q. The Holyrood conversion factor? 10 A. Yes. 11 MR. O'BRIEN: 11 MS. RUSSELL: Q. Or need for amendment, I should say? 12 12 A. Uh-hm. 13 MS. RUSSELL: 13 MR. O'BRIEN: A. Yes. Q. Is that tracked monthly? 14 14 15 MR. O'BRIEN: 15 MS. RUSSELL: Q. And I got the understanding that, and, I A. It is tracked monthly, yes. 16 guess, based on what you're saying here this 17 17 MR. O'BRIEN: morning, early on or maybe mid of 2014, there Q. Now what role did each of you play in the 18 18 was more information showing the forecast amended filing? Was your role the same, did 19 19 might be off for 2014 and 2015, is that fair? you have any different sort of roles that you 20 20 played, can you take me through that? Ms. 21 MS. RUSSELL: 21 Lutz, what was your role in the amended A. Because of the length of time, yes, that had 22 22

23

25

24 MS. LUTZ:

filing, was it any different?

A. It was different. In addition to responding

changes to the forecast cost.

23

24

25 MR. O'BRIEN:

gone on, the length of time, yes, and some

Multi-Page TM November 16, 2015 NL Hydro GRA Page 65 Page 67 to questions on the inter-company process, I A. It may have been in October, end of October. 1 2 also participated in compilation of some of 2 MR. O'BRIEN: the sections of the evidence and review of Q. Okay. Was there any discussions in June or 3 Section 3 as it was being compiled. earlier than that about the need for an 4 4 amended filing? 5 MR. O'BRIEN: 5 Q. And what sections of the evidence did you 6 MS. RUSSELL: 6 participate in compiling? A. There may have been a discussion about the 7 need to amend. I think, the need to amend. 8 MS. LUTZ: 8 9 MR. O'BRIEN: A. Section 2.4. 10 MR. O'BRIEN: Q. And do you know what levels of government those discussions would have been held at? Q. Okay. Just that section? 11 11 12 MS. LUTZ: 12 MS. RUSSELL: A. And the inter-company section. A. It probably would have been informing the Department of Natural Resources that we were 14 MR. O'BRIEN: 14 amending, to inform them that we would be Q. The inter-company section, okay. 15 15 16 MS. LUTZ: 16 amending. A. Section 3. 17 MR. O'BRIEN: 17 18 MR. O'BRIEN: 18 Q. Okay, and were you involved in any such Q. And you answered, I guess, subsequent RFIs, 19 discussions? you took part in that as well, did you, for 20 20 MS. RUSSELL: those sections? A. I can't recall if directly - I was involved in 21 21 22 MS. LUTZ: 22 afterwards presenting the change, explaining the change in the amended application. A. The inter-company RFIs, yes. 23 24 MR. O'BRIEN: 24 MR. O'BRIEN: 25 Q. Inter-company RFIs. Q. Okay, and that would have been once the Page 66 Page 68 amended application was complete? 1 MS. LUTZ: 1 A. Both times, actually. 2 MS. RUSSELL: A. It would have been prior to, just prior to. 3 MR. O'BRIEN: Q. And Ms. Russell, what was your role with the 4 MR. O'BRIEN: 5 amended filing? You were in a new position Q. To filing? this time around? 6 MS. RUSSELL: 6 7 MS. RUSSELL: A. Right, probably, like, the week before. A. Right. So Section 3, the finance section, I 8 MR. O'BRIEN: 8 would have been - I would have reviewed the 9 Q. And who was involved in those discussions? finance section of that. 10 10 MS. RUSSELL: 11 MR. O'BRIEN: 11 A. In those -Q. Can you tell me just to backtrack a little 12 12 MR. O'BRIEN: bit, in terms of sort or mid 2014 when the 13 Q. That was a presentation, was it? decision was made to go with an amended 14 14 MS. RUSSELL: filing, were there any discussions with A. It was just a presentation, I think. 15 government at that stage about that need for 16 MR. O'BRIEN: 16 an amended filing that you have any 17 17 Q. Of the planned filing, okay. That's a yes, recollection of? are you nodding yes? 18 18 19 MS. RUSSELL: 19 MS. RUSSELL: A. There was an update. Like, once we amended, A. Yes. 20 20 we gave an update to the - we provided them 21 21 MR. O'BRIEN:

22

23

24

25

Q. And I presume, and I'm going to backtrack a

bit in terms of years here, but I presume

neither one of you were involved with

discussions with government over the

Q. So that was in November, was it?

with an update of the amended filing.

22

24

23 MR. O'BRIEN:

25 MS. RUSSELL:

140 vehiber 10, 2013	i-i age NL flyufu GRA
Page 69	Page 71
guaranteed return on equity, is that a fair	1 Order in Council provides for that, is that
2 assumption?	2 right?
3 MR. PELLEY:	3 MS. RUSSELL:
4 A. For my part, it is, yes.	4 A. Yes.
5 MR. O'BRIEN:	5 MR. O'BRIEN:
6 Q. Okay, all right, and since the Order in	6 Q. Okay. If Newfoundland Power - the Order in
7 Council that provided that guarantee, have any	7 Council suggests that Hydro would get the same
8 of you been involved with discussions on that	8 sort of return on equity as Newfoundland
9 particular topic with government?	9 Power, is that correct?
10 MR. PELLEY:	10 MS. RUSSELL:
11 A. I've never participated in any discussions	11 A. Yes.
with government on the issue of a directed	12 MR. O'BRIEN:
13 ROE, no.	13 Q. And I wonder if I could get your thoughts on
14 MS. RUSSELL:	if Newfoundland Power's return of equity
15 A. No.	changes, say, after the Board's order in this
16 MR. O'BRIEN:	particular hearing, what's Hydro's position on
17 Q. And Mr. Pelley, maybe what I'll do is talk to	whether or not Hydro's ROE should change as
you about this. You've given some evidence, I	well through some sort of adjustment
guess, on the - I presume that's your area,	19 mechanism?
20 the return on equity, you've got some	20 MS. RUSSELL:
background in that?	21 A. So Hydro's position would be that the ROEs
22 MR. PELLEY:	22 usually change during a GRA, so it would be
23 A. Yes.	Hydro's position, and there is an RFI on this,
24 MR. O'BRIEN:	that it would be changed in the next GRA.
25 Q. Okay, and I want to get a flavour as to	25 MR. O'BRIEN:
D 70	
Page 70	Page 72
whether or not - I got the impression from the	Page 72 1 Q. So if the ROE for Newfoundland Power goes
	_
whether or not - I got the impression from the	1 Q. So if the ROE for Newfoundland Power goes
whether or not - I got the impression from the evidence filed that Hydro takes the position	1 Q. So if the ROE for Newfoundland Power goes 2 down, Hydro's ROE would stay at 8.8 if it's
whether or not - I got the impression from the evidence filed that Hydro takes the position that the return on equity should be a part of	1 Q. So if the ROE for Newfoundland Power goes 2 down, Hydro's ROE would stay at 8.8 if it's 3 awarded at 8.8?
whether or not - I got the impression from the evidence filed that Hydro takes the position that the return on equity should be a part of the 2014 revenue requirement as well as 2015,	1 Q. So if the ROE for Newfoundland Power goes 2 down, Hydro's ROE would stay at 8.8 if it's 3 awarded at 8.8? 4 MS. RUSSELL:
whether or not - I got the impression from the evidence filed that Hydro takes the position that the return on equity should be a part of the 2014 revenue requirement as well as 2015, is that fair?	1 Q. So if the ROE for Newfoundland Power goes 2 down, Hydro's ROE would stay at 8.8 if it's 3 awarded at 8.8? 4 MS. RUSSELL: 5 A. Hydro's ROE would be addressed at its next
whether or not - I got the impression from the evidence filed that Hydro takes the position that the return on equity should be a part of the 2014 revenue requirement as well as 2015, is that fair? MR. PELLEY:	1 Q. So if the ROE for Newfoundland Power goes 2 down, Hydro's ROE would stay at 8.8 if it's 3 awarded at 8.8? 4 MS. RUSSELL: 5 A. Hydro's ROE would be addressed at its next 6 GRA.
whether or not - I got the impression from the evidence filed that Hydro takes the position that the return on equity should be a part of the 2014 revenue requirement as well as 2015, is that fair? MR. PELLEY: A. I don't know if that's a better question for	1 Q. So if the ROE for Newfoundland Power goes 2 down, Hydro's ROE would stay at 8.8 if it's 3 awarded at 8.8? 4 MS. RUSSELL: 5 A. Hydro's ROE would be addressed at its next 6 GRA. 7 MR. O'BRIEN:
whether or not - I got the impression from the evidence filed that Hydro takes the position that the return on equity should be a part of the 2014 revenue requirement as well as 2015, is that fair? MR. PELLEY: A. I don't know if that's a better question for you. MR. O'BRIEN: Q. Okay.	1 Q. So if the ROE for Newfoundland Power goes 2 down, Hydro's ROE would stay at 8.8 if it's 3 awarded at 8.8? 4 MS. RUSSELL: 5 A. Hydro's ROE would be addressed at its next 6 GRA. 7 MR. O'BRIEN: 8 Q. At the next GRA, so it wouldn't be until 2017 9 for 2018? 10 MS. RUSSELL:
whether or not - I got the impression from the evidence filed that Hydro takes the position that the return on equity should be a part of the 2014 revenue requirement as well as 2015, is that fair? MR. PELLEY: A. I don't know if that's a better question for you. MR. O'BRIEN: Q. Okay. MS. RUSSELL:	1 Q. So if the ROE for Newfoundland Power goes 2 down, Hydro's ROE would stay at 8.8 if it's 3 awarded at 8.8? 4 MS. RUSSELL: 5 A. Hydro's ROE would be addressed at its next 6 GRA. 7 MR. O'BRIEN: 8 Q. At the next GRA, so it wouldn't be until 2017 9 for 2018? 10 MS. RUSSELL: 11 A. Correct.
whether or not - I got the impression from the evidence filed that Hydro takes the position that the return on equity should be a part of the 2014 revenue requirement as well as 2015, is that fair? MR. PELLEY: A. I don't know if that's a better question for you. MR. O'BRIEN: Q. Okay. MS. RUSSELL: A. Sorry, could you repeat the question?	1 Q. So if the ROE for Newfoundland Power goes 2 down, Hydro's ROE would stay at 8.8 if it's 3 awarded at 8.8? 4 MS. RUSSELL: 5 A. Hydro's ROE would be addressed at its next 6 GRA. 7 MR. O'BRIEN: 8 Q. At the next GRA, so it wouldn't be until 2017 9 for 2018? 10 MS. RUSSELL: 11 A. Correct. 12 MR. O'BRIEN:
whether or not - I got the impression from the evidence filed that Hydro takes the position that the return on equity should be a part of the 2014 revenue requirement as well as 2015, is that fair? MR. PELLEY: A. I don't know if that's a better question for you. MR. O'BRIEN: Q. Okay. MS. RUSSELL: A. Sorry, could you repeat the question? MR. O'BRIEN:	1 Q. So if the ROE for Newfoundland Power goes 2 down, Hydro's ROE would stay at 8.8 if it's 3 awarded at 8.8? 4 MS. RUSSELL: 5 A. Hydro's ROE would be addressed at its next 6 GRA. 7 MR. O'BRIEN: 8 Q. At the next GRA, so it wouldn't be until 2017 9 for 2018? 10 MS. RUSSELL: 11 A. Correct. 12 MR. O'BRIEN: 13 Q. Unless there's one prior to that.
whether or not - I got the impression from the evidence filed that Hydro takes the position that the return on equity should be a part of the 2014 revenue requirement as well as 2015, is that fair? MR. PELLEY: A. I don't know if that's a better question for you. MR. O'BRIEN: Q. Okay. MR. RUSSELL: A. Sorry, could you repeat the question? MR. O'BRIEN: MR. O'BRIEN: Q. Sorry, I think it's fair to assume from the	1 Q. So if the ROE for Newfoundland Power goes 2 down, Hydro's ROE would stay at 8.8 if it's 3 awarded at 8.8? 4 MS. RUSSELL: 5 A. Hydro's ROE would be addressed at its next 6 GRA. 7 MR. O'BRIEN: 8 Q. At the next GRA, so it wouldn't be until 2017 9 for 2018? 10 MS. RUSSELL: 11 A. Correct. 12 MR. O'BRIEN: 13 Q. Unless there's one prior to that. 14 MS. RUSSELL:
whether or not - I got the impression from the evidence filed that Hydro takes the position that the return on equity should be a part of the 2014 revenue requirement as well as 2015, is that fair? MR. PELLEY: A. I don't know if that's a better question for you. MR. O'BRIEN: Q. Okay. MS. RUSSELL: A. Sorry, could you repeat the question? MR. O'BRIEN: A. Sorry, think it's fair to assume from the evidence that Hydro takes the position that	1 Q. So if the ROE for Newfoundland Power goes 2 down, Hydro's ROE would stay at 8.8 if it's 3 awarded at 8.8? 4 MS. RUSSELL: 5 A. Hydro's ROE would be addressed at its next 6 GRA. 7 MR. O'BRIEN: 8 Q. At the next GRA, so it wouldn't be until 2017 9 for 2018? 10 MS. RUSSELL: 11 A. Correct. 12 MR. O'BRIEN: 13 Q. Unless there's one prior to that. 14 MS. RUSSELL: 15 A. Correct.
whether or not - I got the impression from the evidence filed that Hydro takes the position that the return on equity should be a part of the 2014 revenue requirement as well as 2015, is that fair? MR. PELLEY: A. I don't know if that's a better question for you. MR. O'BRIEN: Q. Okay. MR. RUSSELL: A. Sorry, could you repeat the question? MR. O'BRIEN: Q. Sorry, I think it's fair to assume from the evidence that Hydro takes the position that the return on equity should be part of the	1 Q. So if the ROE for Newfoundland Power goes 2 down, Hydro's ROE would stay at 8.8 if it's 3 awarded at 8.8? 4 MS. RUSSELL: 5 A. Hydro's ROE would be addressed at its next 6 GRA. 7 MR. O'BRIEN: 8 Q. At the next GRA, so it wouldn't be until 2017 9 for 2018? 10 MS. RUSSELL: 11 A. Correct. 12 MR. O'BRIEN: 13 Q. Unless there's one prior to that. 14 MS. RUSSELL: 15 A. Correct. 16 (10:15 a.m.)
whether or not - I got the impression from the evidence filed that Hydro takes the position that the return on equity should be a part of the 2014 revenue requirement as well as 2015, is that fair? MR. PELLEY: A. I don't know if that's a better question for you. MR. O'BRIEN: Q. Okay. MR. RUSSELL: A. Sorry, could you repeat the question? MR. O'BRIEN: Q. Sorry, I think it's fair to assume from the evidence that Hydro takes the position that the return on equity should be part of the 2014 revenue deficiency as well as the 2015?	1 Q. So if the ROE for Newfoundland Power goes 2 down, Hydro's ROE would stay at 8.8 if it's 3 awarded at 8.8? 4 MS. RUSSELL: 5 A. Hydro's ROE would be addressed at its next 6 GRA. 7 MR. O'BRIEN: 8 Q. At the next GRA, so it wouldn't be until 2017 9 for 2018? 10 MS. RUSSELL: 11 A. Correct. 12 MR. O'BRIEN: 13 Q. Unless there's one prior to that. 14 MS. RUSSELL: 15 A. Correct. 16 (10:15 a.m.) 17 MR. O'BRIEN:
whether or not - I got the impression from the evidence filed that Hydro takes the position that the return on equity should be a part of the 2014 revenue requirement as well as 2015, is that fair? MR. PELLEY: A. I don't know if that's a better question for you. MR. O'BRIEN: Q. Okay. MR. RUSSELL: A. Sorry, could you repeat the question? MR. O'BRIEN: Q. Sorry, I think it's fair to assume from the evidence that Hydro takes the position that the return on equity should be part of the 2014 revenue deficiency as well as the 2015? MS. RUSSELL:	1 Q. So if the ROE for Newfoundland Power goes 2 down, Hydro's ROE would stay at 8.8 if it's 3 awarded at 8.8? 4 MS. RUSSELL: 5 A. Hydro's ROE would be addressed at its next 6 GRA. 7 MR. O'BRIEN: 8 Q. At the next GRA, so it wouldn't be until 2017 9 for 2018? 10 MS. RUSSELL: 11 A. Correct. 12 MR. O'BRIEN: 13 Q. Unless there's one prior to that. 14 MS. RUSSELL: 15 A. Correct. 16 (10:15 a.m.) 17 MR. O'BRIEN: 18 Q. Why do you take the position that it's
whether or not - I got the impression from the evidence filed that Hydro takes the position that the return on equity should be a part of the 2014 revenue requirement as well as 2015, is that fair? MR. PELLEY: A. I don't know if that's a better question for you. MR. O'BRIEN: Q. Okay. MR. O'BRIEN: A. Sorry, could you repeat the question? MR. O'BRIEN: Q. Sorry, I think it's fair to assume from the evidence that Hydro takes the position that the return on equity should be part of the 2014 revenue deficiency as well as the 2015? MS. RUSSELL: A. Yes.	1 Q. So if the ROE for Newfoundland Power goes 2 down, Hydro's ROE would stay at 8.8 if it's 3 awarded at 8.8? 4 MS. RUSSELL: 5 A. Hydro's ROE would be addressed at its next 6 GRA. 7 MR. O'BRIEN: 8 Q. At the next GRA, so it wouldn't be until 2017 9 for 2018? 10 MS. RUSSELL: 11 A. Correct. 12 MR. O'BRIEN: 13 Q. Unless there's one prior to that. 14 MS. RUSSELL: 15 A. Correct. 16 (10:15 a.m.) 17 MR. O'BRIEN: 18 Q. Why do you take the position that it's 19 necessary for another GRA to change the return
whether or not - I got the impression from the evidence filed that Hydro takes the position that the return on equity should be a part of the 2014 revenue requirement as well as 2015, is that fair? MR. PELLEY: A. I don't know if that's a better question for you. MR. O'BRIEN: Q. Okay. MR. O'BRIEN: A. Sorry, could you repeat the question? MR. O'BRIEN: Q. Sorry, I think it's fair to assume from the evidence that Hydro takes the position that the return on equity should be part of the 2014 revenue deficiency as well as the 2015? MR. RUSSELL: A. Yes. MR. O'BRIEN:	1 Q. So if the ROE for Newfoundland Power goes 2 down, Hydro's ROE would stay at 8.8 if it's 3 awarded at 8.8? 4 MS. RUSSELL: 5 A. Hydro's ROE would be addressed at its next 6 GRA. 7 MR. O'BRIEN: 8 Q. At the next GRA, so it wouldn't be until 2017 9 for 2018? 10 MS. RUSSELL: 11 A. Correct. 12 MR. O'BRIEN: 13 Q. Unless there's one prior to that. 14 MS. RUSSELL: 15 A. Correct. 16 (10:15 a.m.) 17 MR. O'BRIEN: 18 Q. Why do you take the position that it's 19 necessary for another GRA to change the return 20 on equity? Is there any reason for that?
whether or not - I got the impression from the evidence filed that Hydro takes the position that the return on equity should be a part of the 2014 revenue requirement as well as 2015, is that fair? MR. PELLEY: A. I don't know if that's a better question for you. MR. O'BRIEN: Q. Okay. MR. RUSSELL: A. Sorry, could you repeat the question? MR. O'BRIEN: Q. Sorry, I think it's fair to assume from the evidence that Hydro takes the position that the return on equity should be part of the 2014 revenue deficiency as well as the 2015? MS. RUSSELL: A. Yes. MR. O'BRIEN: Q. That's correct?	1 Q. So if the ROE for Newfoundland Power goes 2 down, Hydro's ROE would stay at 8.8 if it's 3 awarded at 8.8? 4 MS. RUSSELL: 5 A. Hydro's ROE would be addressed at its next 6 GRA. 7 MR. O'BRIEN: 8 Q. At the next GRA, so it wouldn't be until 2017 9 for 2018? 10 MS. RUSSELL: 11 A. Correct. 12 MR. O'BRIEN: 13 Q. Unless there's one prior to that. 14 MS. RUSSELL: 15 A. Correct. 16 (10:15 a.m.) 17 MR. O'BRIEN: 18 Q. Why do you take the position that it's 19 necessary for another GRA to change the return 20 on equity? Is there any reason for that? 21 MS. RUSSELL:
whether or not - I got the impression from the evidence filed that Hydro takes the position that the return on equity should be a part of the 2014 revenue requirement as well as 2015, is that fair? MR. PELLEY: A. I don't know if that's a better question for you. MR. O'BRIEN: Q. Okay. MR. O'BRIEN: A. Sorry, could you repeat the question? MR. O'BRIEN: Q. Sorry, I think it's fair to assume from the evidence that Hydro takes the position that the return on equity should be part of the 2014 revenue deficiency as well as the 2015? MS. RUSSELL: A. Yes. MR. O'BRIEN: Q. That's correct? MS. RUSSELL:	1 Q. So if the ROE for Newfoundland Power goes 2 down, Hydro's ROE would stay at 8.8 if it's 3 awarded at 8.8? 4 MS. RUSSELL: 5 A. Hydro's ROE would be addressed at its next 6 GRA. 7 MR. O'BRIEN: 8 Q. At the next GRA, so it wouldn't be until 2017 9 for 2018? 10 MS. RUSSELL: 11 A. Correct. 12 MR. O'BRIEN: 13 Q. Unless there's one prior to that. 14 MS. RUSSELL: 15 A. Correct. 16 (10:15 a.m.) 17 MR. O'BRIEN: 18 Q. Why do you take the position that it's 19 necessary for another GRA to change the return 20 on equity? Is there any reason for that? 21 MS. RUSSELL: 22 A. I think it's because typically ROE is changed
whether or not - I got the impression from the evidence filed that Hydro takes the position that the return on equity should be a part of the 2014 revenue requirement as well as 2015, is that fair? MR. PELLEY: A. I don't know if that's a better question for you. MR. O'BRIEN: Q. Okay. MR. O'BRIEN: A. Sorry, could you repeat the question? MR. O'BRIEN: Q. Sorry, I think it's fair to assume from the evidence that Hydro takes the position that the return on equity should be part of the 2014 revenue deficiency as well as the 2015? MS. RUSSELL: A. Yes. MR. O'BRIEN: Q. That's correct? MS. RUSSELL: A. Yes.	1 Q. So if the ROE for Newfoundland Power goes 2 down, Hydro's ROE would stay at 8.8 if it's 3 awarded at 8.8? 4 MS. RUSSELL: 5 A. Hydro's ROE would be addressed at its next 6 GRA. 7 MR. O'BRIEN: 8 Q. At the next GRA, so it wouldn't be until 2017 9 for 2018? 10 MS. RUSSELL: 11 A. Correct. 12 MR. O'BRIEN: 13 Q. Unless there's one prior to that. 14 MS. RUSSELL: 15 A. Correct. 16 (10:15 a.m.) 17 MR. O'BRIEN: 18 Q. Why do you take the position that it's 19 necessary for another GRA to change the return 20 on equity? Is there any reason for that? 21 MS. RUSSELL: 22 A. I think it's because typically ROE is changed 23 during a GRA proceeding, so Hydro just feels
whether or not - I got the impression from the evidence filed that Hydro takes the position that the return on equity should be a part of the 2014 revenue requirement as well as 2015, is that fair? MR. PELLEY: A. I don't know if that's a better question for you. MR. O'BRIEN: Q. Okay. MR. O'BRIEN: A. Sorry, could you repeat the question? MR. O'BRIEN: Q. Sorry, I think it's fair to assume from the evidence that Hydro takes the position that the return on equity should be part of the 2014 revenue deficiency as well as the 2015? MS. RUSSELL: A. Yes. MR. O'BRIEN: Q. That's correct? MS. RUSSELL:	1 Q. So if the ROE for Newfoundland Power goes 2 down, Hydro's ROE would stay at 8.8 if it's 3 awarded at 8.8? 4 MS. RUSSELL: 5 A. Hydro's ROE would be addressed at its next 6 GRA. 7 MR. O'BRIEN: 8 Q. At the next GRA, so it wouldn't be until 2017 9 for 2018? 10 MS. RUSSELL: 11 A. Correct. 12 MR. O'BRIEN: 13 Q. Unless there's one prior to that. 14 MS. RUSSELL: 15 A. Correct. 16 (10:15 a.m.) 17 MR. O'BRIEN: 18 Q. Why do you take the position that it's 19 necessary for another GRA to change the return 20 on equity? Is there any reason for that? 21 MS. RUSSELL: 22 A. I think it's because typically ROE is changed

November 16, 2015	Multi-Page TM NL Hydro G
	Page 73 Page
1 MR. O'BRIEN:	1 had before. I understood Hydro felt it was an
2 Q. And I take it, do you take any - well, I	
ask you, do you feel the Board has	that Hydro pay that fee to government?
4 jurisdiction to make an order for a	4 MR. CASS:
5 adjustment mechanism on that ROE?	5 Q. Pardon me, Mr. Chair, I think this question is
6 MS. RUSSELL:	6 confusing. Two subjects; one is Hydro's
7 A. Well, I guess, yes, the Board can - if t	
8 Board wanted to do some kind of a mec	
between, that would be up to the Boa	
discretion.	10 MR. O'BRIEN:
11 MR. O'BRIEN:	11 Q. That's fine. Maybe I'll ask Mr. Pelley what
12 Q. Okay. Mr. Pelley, I'd like to ask you a	· · · · · · · · · · · · · · · · · · ·
the debt guarantee fee. You had mention	
14 your direct just about some of the - y	· · ·
provided us with some evidence on that	
is an annual fee paid to government in r	_
for the guarantee of Hydro's debt obligation	
18 That's correct?	pay it, we comply with it as we would with any
19 MR. PELLEY:	other shareholder directive.
20 A. Correct.	20 MR. O'BRIEN:
21 MR. O'BRIEN:	Q. When you say Hydro was directed by its
Q. And I think what you said, and I think	
fair what you said in your direct, was t	
24 Hydro takes the position that the Board	
25 bound by the Order in Council that sug	
	Page 74 Page
that Hydro should pay that fee, is that ri	
2 MR. PELLEY:	2 MR. O'BRIEN:
3 A. I think what I meant was the Board is	
4 bound by that in terms of flowing t	•
5 guarantee fee through the rates.	5 not Hydro is obligated to pay that fee?
6 MR. O'BRIEN:	6 MR. PELLEY:
7 Q. Yeah, and what do you mean by that in	
8 not bound to flow it through the rates?	8 MR. O'BRIEN:
9 MR. PELLEY:	9 Q. Were you, Ms. Russell, at any point?
10 A. The Board has - what I meant was, I thi	
Board still has jurisdiction, for lack of	
better word, over the decision whether o	
the fee that we pay the government	
14 recovered in our rates.	time as Corporate Treasurer, I've had
15 MR. O'BRIEN:	discussions with our legal counsel over the
Q. And is that something - that's not some	
really that we've heard to date. We've a	
some questions as to whether or not Hyo	
they were obligated to pay that fee	Q. Okay, and I'm not going to ask you in terms of

20

21

22

23

25

24 MR. PELLEY:

the rate filings?

your legal counsel's opinion, but I wonder if

decision to include that debt guarantee fee in

A. I think largely it would have been my

anyone is able to tell me sort of who made the

Q. But that position that you've taken there

doesn't seem to square with the responses I

government by way of the OIC.

20

22

24

25

21 MR. PELLEY:

23 MR. O'BRIEN:

A. Sure, yeah.

TIOTOTIO	per 16, 2015 Muli	1-P	'age " NL Hydro GRA
	Page 77		Page 79
1 p	proposal.	1	Q. Sure, I appreciate that.
2 MR. O	'BRIEN:	2	2 MR. PELLEY:
3 Q. Y	Your proposal?	3	A. It may take me a moment.
4 MR. PI		4	MR. O'BRIEN:
5 A. Y	Yes.	5	Q. That's okay.
6 MR. O	'BRIEN:	6	6 MR. PELLEY:
7 Q. A	And -	7	A. PUB-NLH-058, Jenny. No, I got that one wrong.
8 MR. PI	ELLEY:	8	
9 A. (Obviously then, you know, reviewed and aligned	9	
1	with both Mr. Henderson and the CFO.	10	
11 MR. O	'BRIEN:	11	we just talked about.
12 Q. (Okay, and you never had any discussion with	12	2 MR. O'BRIEN:
	Mr. Henderson or the CFO over whether or not	13	Q. Okay, so your decision making was on the basis
14 t	his was an Hydro obligation, did you?	14	
15 MR. PI	·	15	
16 A. I	No, I did not.	16	6 MR. PELLEY:
17 MR. O		17	A. That's correct.
18 O. C	Okay, and we talked about earlier -	18	3 MR. O'BRIEN:
19 MR. PI	•	19	
20 A. I	But I would, sorry, just to add that in that	20	•
1	context, I did have discussions with internal	21	valid Order in Council?
1	counsel because I viewed that as part of	22	2 MR. PELLEY:
I	outting the argument together for inclusion of	23	A. Now there was - you had made reference to the
1 -	the debt guarantee fee and rates.	24	-
25 MR. O	_	25	•
	Page 78		Page 80
1 Q. A	And if there's - I guess, in terms of the	1	
1	obligation, we've talked about with other	$\frac{1}{2}$	•
	witnesses the fact that the legislation had		3 MR. O'BRIEN:
1	been changed and there seems to be a gap in	4	
1	the legislation now over whether in that there		5 MR. PELLEY:
1	may not be an obligation under the legislation	6	
	for Hydro to pay that fee. I wonder was there	7	
1	any discussion over any sort of gap in that	8	
1	egislation before Hydro decided to put this	9	
	n their -	10	
11 MR. PI	ELLEY:	11	MR. O'BRIEN:
12 A. I	I didn't participate in - actually, no, that's	12	Q. No, and I understand that, and I will ask you
13 r	not true. That's the nature of what I	13	•
1	discussed with legal counsel in putting the	14	about that.
15 a	argument together.	15	MR. PELLEY:
16 MR. O	'BRIEN:	16	A. But what I would say is I did not participate
17 Q. (Okay.	17	in any lengthy discussions over the validity
18 MR. PI	ELLEY:	18	of the Order.
19 A. V	Was how does the - specifically, how does the	19	MR. O'BRIEN:
20 c	change in legislation impact how we deal with	20	Q. Okay, so I'm wondering -
21 t	his on a go forward basis, and I think our	21	MR. PELLEY:
	position in that is largely captured in - I'm	22	
23 j	ust going to get the reference to the RFI, if	23	counsel's assessment.
24 y	you don't mind.	24	MR. O'BRIEN:
25 MR. O	'BRIEN:	25	Q. Sure. So there wasn't any discussion that you

November 16, 2015	Multi-Page	NL Hydro GRA
P	age 81	Page 83
can tell us about how Hydro would have square	ared 1	Quebec pays? How did that compare?
2 its interest versus, say, Nalcor's interest,	<u> </u>	PELLEY:
and government's interest, in coming to this	<u> </u>	Well, Hydro Quebec also pays actually a 50
decision that it should be paid?	4	basis point fee to its shareholder, and this
5 MR. PELLEY:	5	goes back some time, but I did review the -
6 A. I'm hesitant to say no because I'm not really		there was a decision by the Regie in 2002, and
7 sure what you're driving at with the question	<u> </u>	if it's something that the Board wanted us to
8 of interest of Hydro, interest of government,	8	provide in an undertaking, we could, or
9 interest of Nalcor.	9	Newfoundland Power. They actually followed a
10 MR. O'BRIEN:	10	similar approach in that they had, I believe,
11 Q. Well, it's a direction made from government		Merrill Lynch, I guess, look at their 50 basis
12 Nalcor.	12	point fee in the context of the market, and it
13 MR. PELLEY:	13	was deemed to be reasonable by the Regie. So
		their fee is comparable to ours. Although we
14 A. To Hydro.	14	
15 MR. O'BRIEN:	15	have a range of 25 to 50 basis points, theirs
16 Q. Sorry, to Hydro, right.	16	is strictly 50 on all outstanding debt.
17 MR. PELLEY:		O'BRIEN:
18 A. Uh-hm.	I	For short term and long term?
19 MR. O'BRIEN:		PELLEY:
20 Q. And in terms of it being - if it's not a valid		Short term, long term, regardless, yeah.
21 direction, was there any discussion how do w		O'BRIEN:
balance Hydro's interest here with the	I	And what year was that?
shareholder's interest?		PELLEY:
24 MR. PELLEY:	24 A.	2002.
25 A. And I think what you're talking about is -	25 MR. 0	O'BRIEN:
P	age 82	Page 84
when I hear you say "validity", I just mean is	_	Okay.
2 it valid from a legal perspective, and I would		-
3 ultimately defer that to our legal counsel.	<u> </u>	The order actually was D2002-95.
4 MR. O'BRIEN:)'BRIEN:
5 Q. Well, let's talk about the reasonableness of	5 0.	Actually, I wouldn't mind if you have it, if
6 it and that was the next part that you had	6	you're offering to provide it, we can get an
7 mentioned.	7	undertaking to provide a copy of that.
8 MR. PELLEY:	8 MR. C	
9 A. Yes, sure.		Yes, that can be done, Mr. Chair.
10 MR. O'BRIEN:	10 MS. G	
11 Q. And I heard you gave some direct evidence		Noted on the record.
that, and you've touched on some of the	11 Q. 12 MR. C	
questions, I think, that I had.		Thank you.
14 MR. PELLEY:	13 Q. 14 MR. P	
15 A. Yeah.		
		You get the final say on that, do you? Okay, I'll remember that.
16 MR. O'BRIEN:	16	
17 Q. You did look at other Crown utilities?	17 MR. C	
18 MR. PELLEY:	<u> </u>	Have you reviewed the Grant Thornton Report on
19 A. Uh-hm.	19	the issue of reasonableness?
20 MR. O'BRIEN:	20 MR. P	
21 Q. You mentioned Hydro Quebec was one?		Absolutely.
22 MR. PELLEY:	22 MR. C	
23 A. Yes.	<u> </u>	Okay, and it appears that with respect to, I
24 MR. O'BRIEN:	24	guess, the short term Hydro's fee is 25 basis
25 Q. And did you have a look at the fee that Hydr	o 25	points, is that right?

No	vember 16, 2015 Mult	i-P	Page NL Hydro GRA
	Page 85		Page 87
1	MR. PELLEY:	1	1 MR. PELLEY:
2	A. Yes.	2	2 A. Please don't ask me to speak to that one.
3	MR. O'BRIEN:	3	3 MR. O'BRIEN:
4	Q. And Grant Thornton doesn't appear to take	4	4 Q. No, that's for later.
5	issue with that, but does take issue with some	5	5 MR. PELLEY:
6	concerns about methodology and cost savings.	6	6 A. This is the one, yes.
7	Do you have any concerns over what Grant	7	7 MR. O'BRIEN:
8	Thornton has stated in its report on cost	8	8 Q. Yes, that's the one.
9	savings and a sharing of cost savings between	9	9 MR. PELLEY:
10	Hydro and government?	10	10 A. Actually, line 7, yes.
11	MR. PELLEY:	11	11 MR. O'BRIEN:
12	A. I do. I guess, there's a couple of things	12	12 Q. So in this report it says, "Scotiabank did not
13	there - because that's the first time I've	13	apportion the benefit of the cost savings
14	seen that type of proposal, I guess, in the	14	between". So Scotiabank - before we get to
15	context of something like this, like, a debt -	15	that, Scotiabank is who assisted Hydro with
16	a government guarantee, and a couple of	16	the review, is that right?
17	concerns with that proposal from my	17	17 MR. PELLEY:
18	perspective. One is it's inconsistent with	18	18 A. Yes, Scotia Capital.
19	the limited regulatory precedent we have in	19	19 MR. O'BRIEN:
20	Canada, which is the Quebec example I just	20	20 Q. Scotia Capital, okay. Line 7, "Scotiabank did
21	gave. They're allowed to recover the full	21	11
22	market value of their guarantee. I guess, the	22	1
23	second piece of it, I question from my	23	
24	perspective, is the case law that they	24	e
25	referenced was largely around transfer pricing	25	guarantee back to the guarantor in the form of
	Page 86		Page 88
1	which is largely concerned with taxation,	1	a guarantee fee eliminates the incentive for
2	ensuring that the corporations are not using	2	obtaining the guarantee. The average
3	guarantees to shift taxable income around	3	differences between the yield on short term
4	jurisdictions. The limited look I had, there	4	debt issued by the province, and that issued
5	didn't seem to be any connection to that being	5	by the three Canadian utilities, range from" -
6	used as precedent in regulatory cases. I	6	6 this is the long term, 31.7 and 33. No, this
7	think the other part of it is in terms of the	7	is short term, "to BPS. The 25 basis points
8	sharing, they argued that - I think their	8	guarantee fee paid by Hydro for short term
9	argument was, and maybe we can bring it up,	9	9 debt implies a cost savings split of 79/21 to
10	the Grant Thornton Report.	10	10 76/24 for the province over Hydro
11	MR. O'BRIEN:	11	respectively". So there's a suggestion in the
12	Q. Yes, Grant Thornton Report, page 20, I think	12	next line - sorry, there's a suggestion there
13	is what it's on. Page 20, go to line 7 to 12,	13	that it should be, I guess, an equal cost
14	I think it talks about the short term.	14	savings between government and Hydro for it to
15	MR. PELLEY:	15	be an incentive for Hydro to obtain the
16	A. Yeah. I think perhaps while you're scrolling,	16	guarantee, and what position would you take on
17	I'll use the dead space. I think the -	17	17 that?
18	MR. O'BRIEN:	18	18 MR. PELLEY:
19	Q. June 4th report of Grant Thornton. It's the	19	6
20	Grant Thornton Report.	20	•
21	MR. PELLEY:	21	
22	A. Grant Thornton Report as directed to the	22	
23	Board.	23	•
24	MR. O'BRIEN:	24	
25	Q. Oh, this is the Brad Rolph one you've got.	25	secondly, there's the issue of, and I put it

No	vember 16, 2015 Multi	i-P	age TM NL Hydro GRA
	Page 89		Page 91
1	out there for consideration, of whether or not	1	
2	the principles that this is based on, which is	2	an offset on cost savings?
3	tax case law, are even relevant for a	3	MR. PELLEY:
4	regulatory proceeding, but, I guess, the third	4	A. Not directly, no, I would agree with you.
5	part of it that I perhaps more fundamentally	5	MR. O'BRIEN:
6	disagree with is that having the entire cost	6	Q. There's nothing in there to say that?
7	savings equal the guarantee removes the	7	MR. PELLEY:
8	incentive, and maybe to elaborate on that, I	8	A. No. I am looking for one more reference,
9	need to pull up - to make a point, I need to	9	though, that I wanted to - before we leave
10	pull up - just bear with me one second again.	10	this. Just one moment.
11	Actually, PUB-NLH-059, because I think that	11	MR. O'BRIEN:
12	has one of Scotia's several reports attached	12	Q. Sure.
13	to it that I can refer to.	13	MR. PELLEY:
14	(10:30 a.m.)	14	A. If I go back to page 4 of the report, and I
15	MR. O'BRIEN:	15	want to look at the second bullet point, and
16	Q. Okay.	16	specifically the companies Scotia chose to use
17	MR. PELLEY:	17	as comparative companies.
18	A. And we may have to rotate that, I guess, and	18	MR. O'BRIEN:
19	if I could go to page 6, and basically what	19	Q. Uh-hm.
20	this bullet point says, and I'll read it out	20	MR. PELLEY:
21	for the record, "There are two additional	21	A. You'll note that Scotia chose Hydro One,
22	features of a guarantee that are very", and	22	Enbridge Gas, and Enbridge Pipeline, as those
23	ignore the typo that's there, "that are very	23	companies are regulated utilities with ratings
24	difficult to value; namely, that during	24	that would be somewhat similar to Newfoundland
25	periods of stress in the credit markets, a	25	Hydro's rating without a provincial guarantee.
	Page 90		Page 92
1	guarantee from a government entity provides	1	MR. O'BRIEN:
2	for unrestricted market access, and that a	2	
3	guarantee allows for more flexibility as to	3	MR. PELLEY:
4	maturity". This ties in with a point that, I	4	A. So by saying somewhat similar, we don't know
5	think, I made in one of my responses in	5	
6	direct, and this is one of the very - this is	6	
7	the crux of the benefit of a government	7	
8	guarantee, and Scotia is acknowledging.	8	
9	They're saying that they're making an	9	
10	assessment of value putting it at between 25	10	
11	and 50 basis points based on market, but	11	
12	they're not factoring in these two		MR. O'BRIEN:
13	considerations and capturing the value. So	13	
14	one could argue from that, that 25 to 50 basis	14	•
15	points is probably a conservative valuation of		MR. PELLEY:
16	what the fee is worth, if that makes sense.	16	
17	MR. O'BRIEN:	17	MR. O'BRIEN:
18	Q. And is that what Scotia Capital is saying	18	
19	there, because of that, it's a conservative?	19	
20	MR. PELLEY:	20	· · · · · · · · · · · · · · · · · · ·
21	A. Not directly, no, but I'm taking the extra	21	
22	step and making an inference.	22	-
1	MR. O'BRIEN:	23	
24	Q. And is there anything in the Scotia Capital	24	
25	Report that suggests that these particular	25	MR. PELLEY:

November 16, 2015	Multi	-Page NL Hydro (jΚΑ
	Page 93	Pag	ge 95
1 A. Yes, that's correct in this cont	text, yes.	periods of time where the spreads could be 70	
2 MR. O'BRIEN:	-	or 80 basis points. So you're trying to	
3 Q. Okay, in that context, and	that's not	3 capture a concept that's fluctuating in time	
4 something - this separation is		with a single number. There's always going to	
5 Scotiabank looked at in term	s of different	5 be some discrepancy.	
6 basis points between the shor	t term and the	6 MR. O'BRIEN:	
7 long term?		7 Q. And again they raise a concern of apportioning	3
8 MR. PELLEY:		8 the benefits of the guarantee would lower	
9 A. I'm not sure I follow your que	estion because I	9 these ranges further, which would bring into	
would have thought they did.		question the 50 basis points. So if you had a	
11 MR. O'BRIEN:		50/50 split on the cost savings, you'd	
12 Q. Sorry, not Scotiabank, the Hy	ydro Quebec case	actually bring it down further.	
didn't look at a difference bet	ween those two?	13 MR. PELLEY:	
14 MR. PELLEY:		14 A. Yeah.	
15 A. No.		15 MR. O'BRIEN:	
16 MR. O'BRIEN:		Q. Is that fair what they're saying?	
17 Q. It was all one. So here in 13	3 to 15, "By	17 MR. PELLEY:	
comparison, the average diff	erence on long	A. I would agree with that, and that all presumes	
term debt yields range from 3	5.6 basis points	that apportioning the benefit is -	
to 47.8 basis points, already	below the 50	20 MR. O'BRIEN:	
basis points paid by Hydro".	Does that give	21 Q. Is the appropriate way to go?	
22 Hydro a concern that the fee r	nay be too high?	22 MR. PELLEY:	
23 MR. PELLEY:		23 A. Is the appropriate way to deal with it.	
24 A. Absolutely not.		24 MR. O'BRIEN:	
25 MR. O'BRIEN:		25 Q. Okay, but again you don't accept that concept	?
	Page 94	Pag	ge 96
1 Q. The 50 basis points, and why	is that?	1 MR. PELLEY:	
2 MR. PELLEY:		2 A. No, it wouldn't be my position, no, and I	
3 A. Because, for instance, one thi	ing I recognize	would add that, I mean, this approach, as we	
4 is the basis point spreads the	nat they're	4 said before, is a generally accepted approach	
5 quoting here are based on lo	ooking at the	5 to valuing, and I believe Grant Thornton	
6 market over a certain period o	of time. That's	6 acknowledged that taking the market base	
7 not to say that if we expanded	d that window,	7 approach to value the guarantee they agreed	
8 that there's not times that thos	se spreads are	8 with. The point of departure is on whether or	
9 probably 70 or 80 basis points	s or 100. If you	9 not you apportion - you take that value and	
look at it over a long cross-see	ction of time,	apportion it between the guarantor and the one	;
such that, you know - like, all		receiving the guarantee.	
to do is say - you're trying t	o look at a	12 MR. O'BRIEN:	
period of time and say what		13 Q. Assume the Board accepted Grant Thornton'	's
Okay, you know, they're quot	ing here 35.6 to	opinion here and that the debt guarantee fee	
15 47.8, and all they're saying fi	rom that is in	for the long term should be between the 35 and	d
their view, based on that,	50 is not	47 basis points with a 50/50 cost savings,	
17 unreasonable, but from my pe	osition, I'm not	would Hydro be able to calculate what that fee	e
concerned that 50 is too high	for the reason I	should be?	
just gave. These spreads fluct	uate over time.	19 MR. PELLEY:	
There will be times when act	ually your long	20 A. I believe they would, yes.	
21 term, let's say, your greater th	han ten year	21 MR. O'BRIEN:	
spread to your question, may	be less than 50	22 Q. With those parameters?	
basis points, in which case the	e fee - I don't	23 MR. PELLEY:	
24 want to describe it this way, l	out you could	24 A. Yeah.	
say "too high", but then there	would be other	25 MR. O'BRIEN:	
-	<u> </u>	•	

140 vehiber 10, 2015	I-I age	NL Hydro GKA
Page 97		Page 99
1 Q. Would you be able to do that for us as an	1	be considered over the long term. Because the
2 undertaking?	2	province has unconditionally guaranteed
3 MR. PELLEY:	3	Hydro's existing long term debt, there's a
4 A. As an undertaking, yeah. I'm sorry, I	4	direct linkage between Hydro's
5 remember I - I may be signing us up for	5	creditworthiness, which is influenced by
6 something they don't want me to.	6	Hydro's ability to achieve financial targets
7 MR. CASS:	7	consistent with an investment-grade utility
8 Q. That's fine, Mr. Chair.	8	and the credit rating of the province. To the
9 MR. PELLEY:	9	extent that credit rating agencies continue to
10 A. That's fine, yes.	10	view Hydro to be self-supporting, then the
11 MS. GLYNN:	11	province's credit rating is not likely to be
12 Q. Noted on the record.	12	affected. A poor financial position for Hydro
13 MR. PELLEY:	13	over the long term could adversely impact the
14 A. What I would add to what you just said, again	14	province's credit rating, and thereby increase
quoting the 35.6 to 47.8 basis points, if we	15	the borrowing cost of the province, and hence
look at the market today, I guarantee you	16	Hydro's own borrowing costs". I want to deal
those numbers are going to be different. They	17	with sort of that concept. There's a couple
		of concepts in there I want to deal with. I
18 may be 36 to 48, it may be 50 to 60. 19 MR. O'BRIEN:	18 19	guess, the first one would be self-supporting,
		the concept of self-supporting. Is Hydro at
20 Q. But that's not in the rate case today? 21 MR. PELLEY:	20 21	this stage self-supporting?
22 A. That's correct, yes.		R. PELLEY:
23 MR. O'BRIEN:		A. I'd add the caveat that I'm not a cost capital
Q. These are the figures that we'll be looking	24	expert, so what I'm offering is observations
25 at, is that right?	25	and opinions based on my experience. That
	1	
Page 98		Page 100
1 MR. PELLEY:	1	definition of self-supporting is in the
1 MR. PELLEY: 2 A. They would not be -	l .	definition of self-supporting is in the context of how credit rating agencies would
1 MR. PELLEY: 2 A. They would not be - 3 MR. O'BRIEN:	1	definition of self-supporting is in the context of how credit rating agencies would view self-supporting, meaning that there's
 1 MR. PELLEY: 2 A. They would not be - 3 MR. O'BRIEN: 4 Q. The debt guarantee fee that's included in the 	1 2	definition of self-supporting is in the context of how credit rating agencies would view self-supporting, meaning that there's very little risk that the entity that's
 1 MR. PELLEY: 2 A. They would not be - 3 MR. O'BRIEN: 4 Q. The debt guarantee fee that's included in the 5 rate case is based on these figures? 	1 2 3	definition of self-supporting is in the context of how credit rating agencies would view self-supporting, meaning that there's very little risk that the entity that's guaranteed can't service the debt. That's
 1 MR. PELLEY: 2 A. They would not be - 3 MR. O'BRIEN: 4 Q. The debt guarantee fee that's included in the 5 rate case is based on these figures? 6 MR. PELLEY: 	1 2 3 4	definition of self-supporting is in the context of how credit rating agencies would view self-supporting, meaning that there's very little risk that the entity that's guaranteed can't service the debt. That's essentially what that means, so that's a
 1 MR. PELLEY: 2 A. They would not be - 3 MR. O'BRIEN: 4 Q. The debt guarantee fee that's included in the 5 rate case is based on these figures? 	1 2 3 4 5	definition of self-supporting is in the context of how credit rating agencies would view self-supporting, meaning that there's very little risk that the entity that's guaranteed can't service the debt. That's essentially what that means, so that's a credit - you know, in the context of what I
 1 MR. PELLEY: 2 A. They would not be - 3 MR. O'BRIEN: 4 Q. The debt guarantee fee that's included in the 5 rate case is based on these figures? 6 MR. PELLEY: 	1 2 3 4 5 6	definition of self-supporting is in the context of how credit rating agencies would view self-supporting, meaning that there's very little risk that the entity that's guaranteed can't service the debt. That's essentially what that means, so that's a credit - you know, in the context of what I know and from experience dealing with credit
 1 MR. PELLEY: 2 A. They would not be - 3 MR. O'BRIEN: 4 Q. The debt guarantee fee that's included in the 5 rate case is based on these figures? 6 MR. PELLEY: 7 A. Yeah, I agree. 8 MR. O'BRIEN: 9 Q. Okay. 	1 2 3 4 5 6 7	definition of self-supporting is in the context of how credit rating agencies would view self-supporting, meaning that there's very little risk that the entity that's guaranteed can't service the debt. That's essentially what that means, so that's a credit - you know, in the context of what I know and from experience dealing with credit rating agencies, even at a capital structure
 1 MR. PELLEY: 2 A. They would not be - 3 MR. O'BRIEN: 4 Q. The debt guarantee fee that's included in the 5 rate case is based on these figures? 6 MR. PELLEY: 7 A. Yeah, I agree. 8 MR. O'BRIEN: 	1 2 3 4 5 6 7 8	definition of self-supporting is in the context of how credit rating agencies would view self-supporting, meaning that there's very little risk that the entity that's guaranteed can't service the debt. That's essentially what that means, so that's a credit - you know, in the context of what I know and from experience dealing with credit rating agencies, even at a capital structure of between 70 to 75 percent debt, that's
 MR. PELLEY: A. They would not be - MR. O'BRIEN: Q. The debt guarantee fee that's included in the rate case is based on these figures? MR. PELLEY: A. Yeah, I agree. MR. O'BRIEN: Q. Okay. MR. PELLEY: A. They're not based directly on, they're 	1 2 3 4 5 6 7 8	definition of self-supporting is in the context of how credit rating agencies would view self-supporting, meaning that there's very little risk that the entity that's guaranteed can't service the debt. That's essentially what that means, so that's a credit - you know, in the context of what I know and from experience dealing with credit rating agencies, even at a capital structure of between 70 to 75 percent debt, that's generally not consistent with the notion of a
 MR. PELLEY: A. They would not be - MR. O'BRIEN: Q. The debt guarantee fee that's included in the rate case is based on these figures? MR. PELLEY: A. Yeah, I agree. MR. O'BRIEN: Q. Okay. MR. PELLEY: 	1 2 3 4 5 6 7 8 9	definition of self-supporting is in the context of how credit rating agencies would view self-supporting, meaning that there's very little risk that the entity that's guaranteed can't service the debt. That's essentially what that means, so that's a credit - you know, in the context of what I know and from experience dealing with credit rating agencies, even at a capital structure of between 70 to 75 percent debt, that's
 MR. PELLEY: A. They would not be - MR. O'BRIEN: Q. The debt guarantee fee that's included in the rate case is based on these figures? MR. PELLEY: A. Yeah, I agree. MR. O'BRIEN: Q. Okay. MR. PELLEY: A. They're not based directly on, they're supportive of the 50 basis points. MR. O'BRIEN: 	1 2 3 4 5 6 7 8 9 10 11	definition of self-supporting is in the context of how credit rating agencies would view self-supporting, meaning that there's very little risk that the entity that's guaranteed can't service the debt. That's essentially what that means, so that's a credit - you know, in the context of what I know and from experience dealing with credit rating agencies, even at a capital structure of between 70 to 75 percent debt, that's generally not consistent with the notion of a
 MR. PELLEY: A. They would not be - MR. O'BRIEN: Q. The debt guarantee fee that's included in the rate case is based on these figures? MR. PELLEY: A. Yeah, I agree. MR. O'BRIEN: Q. Okay. MR. PELLEY: A. They're not based directly on, they're supportive of the 50 basis points. 	1 2 3 4 5 6 7 8 9 10 11 12 13 MR	definition of self-supporting is in the context of how credit rating agencies would view self-supporting, meaning that there's very little risk that the entity that's guaranteed can't service the debt. That's essentially what that means, so that's a credit - you know, in the context of what I know and from experience dealing with credit rating agencies, even at a capital structure of between 70 to 75 percent debt, that's generally not consistent with the notion of a self-supporting entity.
 MR. PELLEY: A. They would not be - MR. O'BRIEN: Q. The debt guarantee fee that's included in the rate case is based on these figures? MR. PELLEY: A. Yeah, I agree. MR. O'BRIEN: Q. Okay. MR. PELLEY: A. They're not based directly on, they're supportive of the 50 basis points. MR. O'BRIEN: 	1 2 3 4 5 6 7 8 9 10 11 12 13 MR	definition of self-supporting is in the context of how credit rating agencies would view self-supporting, meaning that there's very little risk that the entity that's guaranteed can't service the debt. That's essentially what that means, so that's a credit - you know, in the context of what I know and from experience dealing with credit rating agencies, even at a capital structure of between 70 to 75 percent debt, that's generally not consistent with the notion of a self-supporting entity.
1 MR. PELLEY: 2 A. They would not be - 3 MR. O'BRIEN: 4 Q. The debt guarantee fee that's included in the 5 rate case is based on these figures? 6 MR. PELLEY: 7 A. Yeah, I agree. 8 MR. O'BRIEN: 9 Q. Okay. 10 MR. PELLEY: 11 A. They're not based directly on, they're 12 supportive of the 50 basis points. 13 MR. O'BRIEN: 14 Q. Supportive of that, okay. If I could turn to	1 2 3 4 5 6 7 8 9 10 11 12 13 MR 14 6 15	definition of self-supporting is in the context of how credit rating agencies would view self-supporting, meaning that there's very little risk that the entity that's guaranteed can't service the debt. That's essentially what that means, so that's a credit - you know, in the context of what I know and from experience dealing with credit rating agencies, even at a capital structure of between 70 to 75 percent debt, that's generally not consistent with the notion of a self-supporting entity. 8. O'BRIEN: Q. What kind of return would Hydro need to have
 MR. PELLEY: A. They would not be - MR. O'BRIEN: Q. The debt guarantee fee that's included in the rate case is based on these figures? MR. PELLEY: A. Yeah, I agree. MR. O'BRIEN: Q. Okay. MR. PELLEY: A. They're not based directly on, they're supportive of the 50 basis points. MR. O'BRIEN: Q. Supportive of that, okay. If I could turn to another topic, financial integrity. I wonder 	1 2 3 4 5 6 7 8 9 10 11 12 13 MR 14 0 15 16 MR	definition of self-supporting is in the context of how credit rating agencies would view self-supporting, meaning that there's very little risk that the entity that's guaranteed can't service the debt. That's essentially what that means, so that's a credit - you know, in the context of what I know and from experience dealing with credit rating agencies, even at a capital structure of between 70 to 75 percent debt, that's generally not consistent with the notion of a self-supporting entity. 3. O'BRIEN: Q. What kind of return would Hydro need to have to maintain self-supporting?
 MR. PELLEY: A. They would not be - MR. O'BRIEN: Q. The debt guarantee fee that's included in the rate case is based on these figures? MR. PELLEY: A. Yeah, I agree. MR. O'BRIEN: Q. Okay. MR. PELLEY: A. They're not based directly on, they're supportive of the 50 basis points. MR. O'BRIEN: Q. Supportive of that, okay. If I could turn to another topic, financial integrity. I wonder if we could bring up TIR, the third interim 	1 2 3 4 5 6 7 8 9 10 11 12 13 MR 14 0 15 16 MR	definition of self-supporting is in the context of how credit rating agencies would view self-supporting, meaning that there's very little risk that the entity that's guaranteed can't service the debt. That's essentially what that means, so that's a credit - you know, in the context of what I know and from experience dealing with credit rating agencies, even at a capital structure of between 70 to 75 percent debt, that's generally not consistent with the notion of a self-supporting entity. 2. O'BRIEN: Q. What kind of return would Hydro need to have to maintain self-supporting?
1 MR. PELLEY: 2 A. They would not be - 3 MR. O'BRIEN: 4 Q. The debt guarantee fee that's included in the 5 rate case is based on these figures? 6 MR. PELLEY: 7 A. Yeah, I agree. 8 MR. O'BRIEN: 9 Q. Okay. 10 MR. PELLEY: 11 A. They're not based directly on, they're 12 supportive of the 50 basis points. 13 MR. O'BRIEN: 14 Q. Supportive of that, okay. If I could turn to 15 another topic, financial integrity. I wonder 16 if we could bring up TIR, the third interim 17 rates application, TIR-CA-NLH-001. I believe	1 2 3 4 5 6 7 8 9 10 11 12 13 MR 14 0 15 16 MR 17	definition of self-supporting is in the context of how credit rating agencies would view self-supporting, meaning that there's very little risk that the entity that's guaranteed can't service the debt. That's essentially what that means, so that's a credit - you know, in the context of what I know and from experience dealing with credit rating agencies, even at a capital structure of between 70 to 75 percent debt, that's generally not consistent with the notion of a self-supporting entity. 2. O'BRIEN: Q. What kind of return would Hydro need to have to maintain self-supporting? 2. PELLEY: A. Again self-supporting in this context is in a
1 MR. PELLEY: 2 A. They would not be - 3 MR. O'BRIEN: 4 Q. The debt guarantee fee that's included in the 5 rate case is based on these figures? 6 MR. PELLEY: 7 A. Yeah, I agree. 8 MR. O'BRIEN: 9 Q. Okay. 10 MR. PELLEY: 11 A. They're not based directly on, they're 12 supportive of the 50 basis points. 13 MR. O'BRIEN: 14 Q. Supportive of that, okay. If I could turn to 15 another topic, financial integrity. I wonder 16 if we could bring up TIR, the third interim 17 rates application, TIR-CA-NLH-001. I believe 18 that's the right one, page 6, and maybe I'll	1 2 3 4 5 6 7 8 9 10 11 12 13 MR 14 0 15 16 MR 17 18	definition of self-supporting is in the context of how credit rating agencies would view self-supporting, meaning that there's very little risk that the entity that's guaranteed can't service the debt. That's essentially what that means, so that's a credit - you know, in the context of what I know and from experience dealing with credit rating agencies, even at a capital structure of between 70 to 75 percent debt, that's generally not consistent with the notion of a self-supporting entity. 2. O'BRIEN: Q. What kind of return would Hydro need to have to maintain self-supporting? 2. PELLEY: A. Again self-supporting in this context is in a rating agency in terms of how the rating
1 MR. PELLEY: 2 A. They would not be - 3 MR. O'BRIEN: 4 Q. The debt guarantee fee that's included in the 5 rate case is based on these figures? 6 MR. PELLEY: 7 A. Yeah, I agree. 8 MR. O'BRIEN: 9 Q. Okay. 10 MR. PELLEY: 11 A. They're not based directly on, they're 12 supportive of the 50 basis points. 13 MR. O'BRIEN: 14 Q. Supportive of that, okay. If I could turn to 15 another topic, financial integrity. I wonder 16 if we could bring up TIR, the third interim 17 rates application, TIR-CA-NLH-001. I believe 18 that's the right one, page 6, and maybe I'll 19 start with line 9 here. Can we scroll down	1 2 3 4 5 6 7 8 9 10 11 12 13 MR 14 6 15 16 MR 17 4 18 19	definition of self-supporting is in the context of how credit rating agencies would view self-supporting, meaning that there's very little risk that the entity that's guaranteed can't service the debt. That's essentially what that means, so that's a credit - you know, in the context of what I know and from experience dealing with credit rating agencies, even at a capital structure of between 70 to 75 percent debt, that's generally not consistent with the notion of a self-supporting entity. 2. O'BRIEN: Q. What kind of return would Hydro need to have to maintain self-supporting? 2. PELLEY: A. Again self-supporting in this context is in a rating agency in terms of how the rating agencies view things, and ultimately that will
1 MR. PELLEY: 2 A. They would not be - 3 MR. O'BRIEN: 4 Q. The debt guarantee fee that's included in the 5 rate case is based on these figures? 6 MR. PELLEY: 7 A. Yeah, I agree. 8 MR. O'BRIEN: 9 Q. Okay. 10 MR. PELLEY: 11 A. They're not based directly on, they're 12 supportive of the 50 basis points. 13 MR. O'BRIEN: 14 Q. Supportive of that, okay. If I could turn to 15 another topic, financial integrity. I wonder 16 if we could bring up TIR, the third interim 17 rates application, TIR-CA-NLH-001. I believe 18 that's the right one, page 6, and maybe I'll 19 start with line 9 here. Can we scroll down 20 just a little bit there, Ms. Gray. Thank you.	1 2 3 4 5 6 7 8 9 10 11 12 13 MR 14 0 15 16 MR 17	definition of self-supporting is in the context of how credit rating agencies would view self-supporting, meaning that there's very little risk that the entity that's guaranteed can't service the debt. That's essentially what that means, so that's a credit - you know, in the context of what I know and from experience dealing with credit rating agencies, even at a capital structure of between 70 to 75 percent debt, that's generally not consistent with the notion of a self-supporting entity. 2. O'BRIEN: Q. What kind of return would Hydro need to have to maintain self-supporting? 2. PELLEY: A. Again self-supporting in this context is in a rating agency in terms of how the rating agencies view things, and ultimately that will be one of many things they would consider in
1 MR. PELLEY: 2 A. They would not be - 3 MR. O'BRIEN: 4 Q. The debt guarantee fee that's included in the 5 rate case is based on these figures? 6 MR. PELLEY: 7 A. Yeah, I agree. 8 MR. O'BRIEN: 9 Q. Okay. 10 MR. PELLEY: 11 A. They're not based directly on, they're 12 supportive of the 50 basis points. 13 MR. O'BRIEN: 14 Q. Supportive of that, okay. If I could turn to 15 another topic, financial integrity. I wonder 16 if we could bring up TIR, the third interim 17 rates application, TIR-CA-NLH-001. I believe 18 that's the right one, page 6, and maybe I'll 19 start with line 9 here. Can we scroll down 20 just a little bit there, Ms. Gray. Thank you. 21 The impact of a continued denial of the Board"	1 2 3 4 5 6 7 8 9 10 11 12 13 MR 14 6 15 16 MR 17 4 18 19 20 21 22	definition of self-supporting is in the context of how credit rating agencies would view self-supporting, meaning that there's very little risk that the entity that's guaranteed can't service the debt. That's essentially what that means, so that's a credit - you know, in the context of what I know and from experience dealing with credit rating agencies, even at a capital structure of between 70 to 75 percent debt, that's generally not consistent with the notion of a self-supporting entity. 8. O'BRIEN: 9. What kind of return would Hydro need to have to maintain self-supporting? 8. PELLEY: A. Again self-supporting in this context is in a rating agency in terms of how the rating agencies view things, and ultimately that will be one of many things they would consider in giving an overall rating to Hydro, so I don't
1 MR. PELLEY: 2 A. They would not be - 3 MR. O'BRIEN: 4 Q. The debt guarantee fee that's included in the 5 rate case is based on these figures? 6 MR. PELLEY: 7 A. Yeah, I agree. 8 MR. O'BRIEN: 9 Q. Okay. 10 MR. PELLEY: 11 A. They're not based directly on, they're 12 supportive of the 50 basis points. 13 MR. O'BRIEN: 14 Q. Supportive of that, okay. If I could turn to 15 another topic, financial integrity. I wonder 16 if we could bring up TIR, the third interim 17 rates application, TIR-CA-NLH-001. I believe 18 that's the right one, page 6, and maybe I'll 19 start with line 9 here. Can we scroll down 20 just a little bit there, Ms. Gray. Thank you. 21 The impact of a continued denial of the Board" 22 - so this is in the context of the third	1 2 3 4 5 6 7 8 9 10 11 12 13 MR 14 0 15 16 MR 17 4 18 19 20 21 22 23 MR	definition of self-supporting is in the context of how credit rating agencies would view self-supporting, meaning that there's very little risk that the entity that's guaranteed can't service the debt. That's essentially what that means, so that's a credit - you know, in the context of what I know and from experience dealing with credit rating agencies, even at a capital structure of between 70 to 75 percent debt, that's generally not consistent with the notion of a self-supporting entity. 2. O'BRIEN: Q. What kind of return would Hydro need to have to maintain self-supporting? 2. PELLEY: A. Again self-supporting in this context is in a rating agency in terms of how the rating agencies view things, and ultimately that will be one of many things they would consider in giving an overall rating to Hydro, so I don't know what level of return would be necessary.
1 MR. PELLEY: 2 A. They would not be - 3 MR. O'BRIEN: 4 Q. The debt guarantee fee that's included in the 5 rate case is based on these figures? 6 MR. PELLEY: 7 A. Yeah, I agree. 8 MR. O'BRIEN: 9 Q. Okay. 10 MR. PELLEY: 11 A. They're not based directly on, they're 12 supportive of the 50 basis points. 13 MR. O'BRIEN: 14 Q. Supportive of that, okay. If I could turn to 15 another topic, financial integrity. I wonder 16 if we could bring up TIR, the third interim 17 rates application, TIR-CA-NLH-001. I believe 18 that's the right one, page 6, and maybe I'll 19 start with line 9 here. Can we scroll down 20 just a little bit there, Ms. Gray. Thank you. 21 The impact of a continued denial of the Board" 22 - so this is in the context of the third 23 interim rates application. "The impact of a	1 2 3 4 5 6 7 8 9 10 11 12 13 MR 14 0 15 16 MR 17 4 18 19 20 21 22 23 MR	definition of self-supporting is in the context of how credit rating agencies would view self-supporting, meaning that there's very little risk that the entity that's guaranteed can't service the debt. That's essentially what that means, so that's a credit - you know, in the context of what I know and from experience dealing with credit rating agencies, even at a capital structure of between 70 to 75 percent debt, that's generally not consistent with the notion of a self-supporting entity. 8. O'BRIEN: Q. What kind of return would Hydro need to have to maintain self-supporting? 8. PELLEY: A. Again self-supporting in this context is in a rating agency in terms of how the rating agencies view things, and ultimately that will be one of many things they would consider in giving an overall rating to Hydro, so I don't know what level of return would be necessary. 8. O'BRIEN:

Page 101 Page 103 province's debt rating is directly linked to 1 1 MR. PELLEY: 2 Hydro's creditworthiness? It appears from A. Again, ultimately - conceptually, in terms of order of magnitude right now, I would agree what's being said. 3 3 4 MR. PELLEY: with your statement, but ultimately that would 4 A. Undoubtedly there is a relationship between be again a call made by the rating agencies. 5 5 the two concepts, and I'll have to admit that One thing that you have to realize there in 6 6 7 at the outer end it's somewhat theoretical, that situation is the guarantor ultimately is 7 but there definitely would be a point where Government of Canada, not the Province of 8 8 Hydro - I mean, if Hydro were to default, for Newfoundland. 10 instance, there's potential that could impact 10 MR. O'BRIEN: on the province's credit rating. Right now 11 Q. So that's not apples to apples, is that what 11 Hydro's, I think, net outstanding debt still you're saying? 12 12 comprises somewhere between 10/12 percent of 13 MR. PELLEY: 13 the province's outstanding A. Yes, that's correct. 14 Directionally speaking, again the rating 15 15 MR. O'BRIEN: 16 agencies have the final view on how these Q. Given Hydro's debt ratings are a flow through things are determined, but thinking of the ratings of government, whether or not 17 17 directionally, if that number were to increase Hydro receives, I guess, or earns an 8.8 18 18 percent return on equity, would it really to, say, 20 or 25 percent of the province's 19 19 likely affect government's credit rating? outstanding debt, then there's no doubt that 20 20 that would cause rating agencies to take a 21 MR. PELLEY: 21 closer look at the impact of Hydro on the 22 22 A. I think you have to look at this over - in the province's creditworthiness, I think, is short term? 23 23 really what in my view it's trying to say. 24 MR. O'BRIEN: 24 25 MR. O'BRIEN: Q. Yeah. Page 102 Page 104

25

Q. What's the likelihood of Hydro's debt reaching 1 2 20/25 percent of the province's outstanding debt? 3 4 MR. PELLEY: A. I wouldn't want to speculate on what the likelihood of that is. 6 7 MR. O'BRIEN: Q. I mean, what kind of losses would Hydro have 8 9 to experience for the province's credit rating to suffer? 10 11 MR. PELLEY: A. Again that would ultimately be within the 12 purview of rating agencies. 13 14 (10:45 a.m.) 15 MR. O'BRIEN: O. You're aware of the recent announcements at 17 Nalcor that the Muskrat Falls Project has an overrun of in the range of 650 million dollars 18 19 at this point? 20 MR. PELLEY: 21 A. Yes. 22 MR. O'BRIEN: Q. Would that be something that would more likely 23

1 MR. PELLEY: A. Again we're speaking - I think we have to speak theoretically, because as I've said a 3 number of times, ultimately the rating 4 5 agencies are going to be the ones that issue the opinion on this and financial metrics are 6 7 one thing they look at. They look at business, they look at business risk, they 8 look at a whole suite of factors, but, you 9 know, conceptually over the long - in the 10 11 short run, yes, you can float losses and probably still not impair the creditworthiness 12 of your guarantor, but over the long run as 13 you continue to sustain losses, you erode your 14 equity base that we've built up and you start 15 to approach 100 percent debt financed entity, 16 while still growing at the same time, then I 17 agree there is a possibility - I'm not putting 18 19 a number on what that possibility is, there is a possibility that you could have an impact on 20 your guarantor's credit rating, absolutely. I 21 think there's been experts that have testified 22 on Hydro's behalf and on the behalf of other 23 parties in previous hearings that have put 24

that opinion out there, that while it's

than Hydro's?

24

25

have an effect on government's credit rating

Page 105 Page 107 difficult to put exact numbers around it, yes, Q. And what particular department produces them? 1 2 there is some point out there where Hydro, 2 MS. LUTZ: having received the guarantee from its parent, 3 A. Which particular department of Nalcor? 3 could ultimately impair the creditworthiness 4 MR. O'BRIEN: 4 of the parent. Q. In Nalcor, yes, where would it come from? 5 6 MR. O'BRIEN: 6 MS. LUTZ: Q. Has the province's credit rating changed in A. The Comptroller's corporate office. 7 the last number of years? 8 8 MR. O'BRIEN: 9 MR. PELLEY: Q. Comptroller's. A. I'd have to undertake to - I want to say, no, 10 MR. PELLEY: 10 but I'd have to undertake to answer that for A. Comptroller's department. 11 11 12 you in the affirmative. 12 MR. O'BRIEN: 13 MR. O'BRIEN: Q. So prior to your move, Ms. Lutz, into Hydro, would you have been part of producing those 14 Q. Okay, can you do that for me, say, from 2007 14 onwards? guidelines? 15 15 16 MR. PELLEY: 16 MS. LUTZ: A. Yeah. Anecdotally, I think it's improved, but, A. Yes, I would have. 17 17 yes, I will have to get you the exact -18 18 MR. O'BRIEN: 19 MS. GLYNN: Q. And when does that - when do the guidelines get prepared? They're an annual document that O. Noted on the record. 20 20 gets prepared. When does that start? 21 MR. O'BRIEN: 21 22 Q. All right, let's move to another topic. We 22 MS. LUTZ: talked earlier a little about this, but I want 23 23 A. Typically, the budget process would start the guidelines, we try to issue them around to get some more detail on the budget process 24 24 and how that works. I wonder if we could June. It might be July. The budget is 25 25 Page 106 Page 108 reference Undertaking 4, the budget usually compiled during that summer and the 1 1 guidelines, and bring those up. Maybe the 2 review meetings are in September, and they 2 2013 one is the first page, I guess, we can proceed up through October and for 3 3 stick on that page for now. The Finance finalization in November. 4 4 5 Department produces these guidelines, do they, 5 MS. RUSSELL: is that correct? A. And there is an RFI, NP-NLH-374 that shows 6 6 7 MS. LUTZ: 7 that -A. These particular guidelines would come from 8 MR. O'BRIEN: 8 the corporate office. Q. That outlines the timeline? 10 MR. O'BRIEN: 10 MS. RUSSELL: 11 Q. The corporate office, okay. A. Correct. 12 MS. LUTZ: 12 MR. O'BRIEN: 13 A. And then once we get the schedule as 13 Q. And I believe there's schedules in these established by the corporate office in terms particular guidelines as well, is that right? 14 14 of when budget review meetings will be, we 15 MS. LUTZ: 15 will take that information and then backtrack A. That's right. 16 17 MR. O'BRIEN: 17 into our own schedules so we can meet that Q. Some guidelines in some of them. Some of the timeline. 18 18 19 MR. O'BRIEN: 19 time tables are listed in there. So it starts in and around June, and for Hydro's purposes, Q. Okay, so it comes from - when you say 20 20 corporate office, Nalcor produces the is there a separate person or a separate group 21 21 that deals with putting together the budget or guidelines, is that right? 22 22 is there different groups within Hydro that 23 MS. LUTZ: 23 puts together the budget? A. Correct. 24 24 25 MS. LUTZ: 25 MR. O'BRIEN:

November 10, 2015	Tulu-rage NL Hydro GRA
Page	109 Page 111
1 A. So the budget would be prepared in the	be involved with those three groups. Would
2 regions. So out in the TRO area, Hydro Gen,	you have any discussions with Mr. Henderson
and the support departments. We have a system	after he receives all of the other?
4 that people use to enter their information so	4 MS. RUSSELL:
5 that we have it in one consolidated place.	5 A. Yes, we do. We facilitate, like, the
6 Once everyone is finished entering their	6 consolidation of all of those groups and
7 numbers, then the corporate - the Hydro	7 providing the variance analysis to Mr.
8 finance area will then start to review the	8 Henderson over previous year previous budget,
9 numbers and do some compiling of the	9 and we would also facilitate meetings with
information.	those individuals to discuss the budgets
11 MR. O'BRIEN:	during the process with Mr. Henderson.
12 Q. Okay, and -	12 MR. O'BRIEN:
13 MS. LUTZ:	13 Q. In Mr. Martin's testimony, he indicated that
14 A. Schedule meetings and so on.	the real drivers of the budget were the asset
15 MR. O'BRIEN:	15 management program, and I think, human
16 Q. And there's separate processes for the	resources plan. Is that fair, is that
operating budget and the capital budget, is	17 something that you see as well?
18 that right? 19 MS. LUTZ:	18 MS. RUSSELL: 19 A. The drivers would be, yes, the asset
	, , , , , , , , , , , , , , , , , , ,
	20 management, the aging assets, and - 21 MR. O'BRIEN:
21 MR. O'BRIEN:	
Q. Okay, and in terms of final approval, once it	Q. And how about human resources plan? He mentioned that as well.
goes through - say, for 2014, Ms. Russell, you	
24 would have been involved, I take it, in	24 MS. RUSSELL:
approving each one of those budgets at some	25 A. The plan or -
Page	
point, is that right?	1 MR. O'BRIEN:
2 MS. RUSSELL:	2 Q. Yes.
3 A. The total budgets?	3 MS. RUSSELL:
4 MR. O'BRIEN:	4 A. I'm not sure what you mean by plan. Do you
5 Q. For Hydro?	5 mean the -
6 MS. RUSSELL:	6 MR. O'BRIEN:
7 A. For Hydro, I would - I own a budget for my	7 Q. Well, I guess, maybe it's not a set plan,
8 three groups. I would approve - ultimately	8 maybe it's salaries and that kind of thing are
9 have approval on the budget before it's	9 the other key -
submitted from my three groups, and then it	10 MS. RUSSELL:
11 would go up to Henderson, who would have th	-
ultimate approval on the total budget for	increases in the revenue requirement over
	_
13 Hydro.	13 2007, that would be fair.
14 MR. O'BRIEN:	13 2007, that would be fair. 14 MR. O'BRIEN:
14 MR. O'BRIEN: 15 Q. Okay, and in terms of the number of groups	 13 2007, that would be fair. 14 MR. O'BRIEN: 15 Q. Let's just talk about the operating budget
 14 MR. O'BRIEN: 15 Q. Okay, and in terms of the number of groups 16 then that would be submitted to Mr. Henderson 	13 2007, that would be fair. 14 MR. O'BRIEN: 15 Q. Let's just talk about the operating budget 16 first. If we could look at Undertaking 4
 14 MR. O'BRIEN: 15 Q. Okay, and in terms of the number of groups 16 then that would be submitted to Mr. Henderson 17 how many groups are there, can you give me a 	13 2007, that would be fair. 14 MR. O'BRIEN: 15 Q. Let's just talk about the operating budget 16 first. If we could look at Undertaking 4 17 here. Under the highlights on the first page,
14 MR. O'BRIEN: 15 Q. Okay, and in terms of the number of groups 16 then that would be submitted to Mr. Henderson	13 2007, that would be fair. 14 MR. O'BRIEN: 15 Q. Let's just talk about the operating budget 16 first. If we could look at Undertaking 4 17 here. Under the highlights on the first page, 18 the first bullet there, 2013 O & M budgets
14 MR. O'BRIEN: 15 Q. Okay, and in terms of the number of groups 16 then that would be submitted to Mr. Henderson 17 how many groups are there, can you give me a	13 2007, that would be fair. 14 MR. O'BRIEN: 15 Q. Let's just talk about the operating budget 16 first. If we could look at Undertaking 4 17 here. Under the highlights on the first page, 18 the first bullet there, 2013 O & M budgets 19 will be completed using clarity, and based on
14 MR. O'BRIEN: 15 Q. Okay, and in terms of the number of groups 16 then that would be submitted to Mr. Henderson 17 how many groups are there, can you give me a 18 ball park?	13 2007, that would be fair. 14 MR. O'BRIEN: 15 Q. Let's just talk about the operating budget 16 first. If we could look at Undertaking 4 17 here. Under the highlights on the first page, 18 the first bullet there, 2013 O & M budgets
14 MR. O'BRIEN: 15 Q. Okay, and in terms of the number of groups 16 then that would be submitted to Mr. Henderson 17 how many groups are there, can you give me a 18 ball park? 19 MS. LUTZ:	13 2007, that would be fair. 14 MR. O'BRIEN: 15 Q. Let's just talk about the operating budget 16 first. If we could look at Undertaking 4 17 here. Under the highlights on the first page, 18 the first bullet there, 2013 O & M budgets 19 will be completed using clarity, and based on
14 MR. O'BRIEN: 15 Q. Okay, and in terms of the number of groups 16 then that would be submitted to Mr. Henderson 17 how many groups are there, can you give me a 18 ball park? 19 MS. LUTZ: 20 A. I'd say eight or nine.	13 2007, that would be fair. 14 MR. O'BRIEN: 15 Q. Let's just talk about the operating budget 16 first. If we could look at Undertaking 4 17 here. Under the highlights on the first page, 18 the first bullet there, 2013 O & M budgets 19 will be completed using clarity, and based on 20 escalation from 2012. In terms of that
14 MR. O'BRIEN: 15 Q. Okay, and in terms of the number of groups 16 then that would be submitted to Mr. Henderson 17 how many groups are there, can you give me a 18 ball park? 19 MS. LUTZ: 20 A. I'd say eight or nine. 21 MS. RUSSELL:	13 2007, that would be fair. 14 MR. O'BRIEN: 15 Q. Let's just talk about the operating budget 16 first. If we could look at Undertaking 4 17 here. Under the highlights on the first page, 18 the first bullet there, 2013 O & M budgets 19 will be completed using clarity, and based on 20 escalation from 2012. In terms of that 21 paragraph, I take it that the budget process 22 starts with looking at the previous year and 23 then escalations on top of that, is that the
14 MR. O'BRIEN: 15 Q. Okay, and in terms of the number of groups 16 then that would be submitted to Mr. Henderson 17 how many groups are there, can you give me a 18 ball park? 19 MS. LUTZ: 20 A. I'd say eight or nine. 21 MS. RUSSELL: 22 A. Eight or nine, yeah, there's a few.	13 2007, that would be fair. 14 MR. O'BRIEN: 15 Q. Let's just talk about the operating budget 16 first. If we could look at Undertaking 4 17 here. Under the highlights on the first page, 18 the first bullet there, 2013 O & M budgets 19 will be completed using clarity, and based on 20 escalation from 2012. In terms of that 21 paragraph, I take it that the budget process 22 starts with looking at the previous year and
14 MR. O'BRIEN: 15 Q. Okay, and in terms of the number of groups 16 then that would be submitted to Mr. Henderson 17 how many groups are there, can you give me a 18 ball park? 19 MS. LUTZ: 20 A. I'd say eight or nine. 21 MS. RUSSELL: 22 A. Eight or nine, yeah, there's a few. 23 MR. O'BRIEN:	13 2007, that would be fair. 14 MR. O'BRIEN: 15 Q. Let's just talk about the operating budget 16 first. If we could look at Undertaking 4 17 here. Under the highlights on the first page, 18 the first bullet there, 2013 O & M budgets 19 will be completed using clarity, and based on 20 escalation from 2012. In terms of that 21 paragraph, I take it that the budget process 22 starts with looking at the previous year and 23 then escalations on top of that, is that the 24 initial thought process for O & M?

November 16, 2015	Multi-P	age TM	NL Hydro GRA
	Page 113		Page 115
1 A. So essentially what happens when we	e start the	and ben	efits, I guess, aren't included in that
budget cycle, we could either have -	we make 2		ent, is that right?
3 the templates available for all the diff	erent 3	MS. LUTZ:	-
4 regions. We could start with zeros in		A. That wo	ould be correct.
5 we could take the previous year and	seed it 5	MR. O'BRIEN	
6 with some information, and that info	ormation 6	Q. And wh	y is that?
7 will be escalated by a particular facto	r. 7	MS. LUTZ:	•
8 MR. O'BRIEN:	8	A. The sal	ary information is basically calculated
9 Q. Okay, and we look down and this p	articular 9		human resources group based on the
budget plan, I guess, you would have			hed pay scales, and for the permanent
with 2012 figures, is that right?	11		mplement, and also the salaries for
12 MS. LUTZ:	12		apporary staff, and divisions are
13 A. Yes.	13	•	I to confirm the level of temporary
14 MR. O'BRIEN:	14	_	at they need in the upcoming year and
15 Q. And who chooses the escalation factor			terms of the review process, we would
16 budget?	16		all the changes in salary. So we
17 MS. LUTZ:	17		isolate the increases due to step
18 A. The factor would be in accordance v			es, economic increase, and so on, and
19 corporate assumptions.	19		reases that would be due to FTE
20 MR. O'BRIEN:	20	addition	
21 Q. Okay.		MR. O'BRIEN	
22 MS. LUTZ:	21 22	Q. Okay.	
23 A. So it's based on inflation rates from		Q. Okay. MS. LUTZ:	
24 Conference Board of Canada.	24		ooth temporary and permanent.
25 MR. O'BRIEN:		MR. O'BRIEN	
	Page 114	THE O DIED!	Page 116
1 O All right and Mr Martin indicated t	•	O And wh	E
1 Q. All right, and Mr. Martin indicated t 2 well. I think that there's evidence to			at steps are - during that process, I when you isolate increases from FTEs
		•	· · · · · · · · · · · · · · · · · · ·
3 extent that Hydro strives to keep v			reases from salary step increases, are
4 inflation with their O & M budget,			ny discussions about how to manage
5 right?	5		osts at that stage?
6 MS. LUTZ:	_	MS. LUTZ:	
7 A. So essentially in the undertaking her			ly one of the things would be you would
8 describes the process and it indicates			analyze and justify why the new
9 anything over and above the 2.2 in		•	s were requested and required.
particular case will be subject to rev		MR. O'BRIEN	
specific review.	11		at role does the Finance Department play
12 MR. O'BRIEN:	12		Do you have a say in whether or not
Q. And how does that work, the review i			les are required?
14 MS. LUTZ:		MS. LUTZ:	
15 A. So essentially we have meetings with			ilitate the presentation of the
different regions and people are expe	ected to 16	informa	tion for decision making.
come with explanations of anything	that is	MR. O'BRIEN	
over that 2.2 percent. So it could be t	ravel 18	Q. Okay, v	who makes the decision ultimately?
or it could be conferences or whatev	er the 19	MS. LUTZ:	
20 case may be, and they have to come	e in and 20	A. Ultimat	ely, it was Mr. Henderson.
0.1		A CONDIENT	

21 MR. O'BRIEN:

24 CHAIRMAN:

Mr. Chair.

Q. Yes, sir.

22

23

25

Q. Okay. Perhaps we can take our break there,

present their case as to why it's over the

resources panel that indicate that salaries

Q. And we heard some evidence from the human

21

22

24

25

2.2.

23 MR. O'BRIEN:

November 16, 2015	Aulti-Page NL Hydro GR
Page	117 Page 11
1 MR. O'BRIEN:	items that are considered to be new yearly
2 Q. I'm just reminded of the time.	2 costs, such as professional services,
3 (10:59 a.m.)	operating projects, and temporary salaries.
4 (RECESS)	4 The process is also designed to expedite the
5 (11:36 a.m.)	5 review process with a focus on mostly new
6 CHAIRMAN:	6 budgetary items". Is this a new process in
7 Q. You're on, sir.	7 2013 from what was followed in 2012?
8 MR. O'BRIEN:	8 MS. LUTZ:
9 Q. Thank you, Mr. Chair. I have to apologize, I	9 A. I believe it is.
do have to go back to the debt guarantee fee	10 MR. O'BRIEN:
for one quick moment. I just want to clarify	Q. Okay, and can you give me just the flavour as
an undertaking, and I think we had asked for	to what the difference were in 2012 versus the
an undertaking with respect to the calculation	new approach?
of the 50 basis points and the 50/50 split on	14 MS. LUTZ:
that. I wonder could we get one for the short	15 A. I'm just going from my memory now, but what I
term debt as well, the 25 basis points	think the difference was, at the time we would
assuming there is a 50/50 split of the	come in and review every single account, but
savings. Could you do that for us?	with this new approach, we focus on anything
19 MR. PELLEY:	that exceeded that inflation level.
20 A. Sure.	20 MR. O'BRIEN:
21 MS. GLYNN:	21 Q. And it says, "The process is designed to
22 Q. Noted on the record.	reduce business unit owners input". What's
23 MR. O'BRIEN:	intended to be dealt with there? Is it that
24 Q. Okay.	the business owners just produce the budget
25 MR. PELLEY:	and it gets determined as to whether or not
Page	118 Page 12
1 A. I'm sorry, just to clarify, we'll base that on	it's reasonable at an upper level, or is there
2 the 2015 test year?	2 any sort of discussion within the business
3 MR. O'BRIEN:	owners, in each of those units, as to when
4 Q. That's right.	4 we're going forward with a budget, what's a
5 MR. PELLEY:	5 reasonable budget from a cost perspective?
6 A. Okay.	6 MS. LUTZ:
7 MR. O'BRIEN:	7 A. Every business unit owner are responsible for
8 Q. Now we were talking about budget and the	8 their budget, so I think - it doesn't say that
9 budget guidelines, I think, when we left.	9 there, but I think the intent is, like, cell
We're on the 2013 budget guidelines. I wonder	
if we could turn to the 2013 budget O & M	number of cell phones, so we wouldn't spend a
guidance sheet. I think it's a number of	lot of time talking about that unless there
pages in. It was added to the undertaking.	was a huge increase in the number of cell
Here we go, okay. This guidance sheet, this	phones.
would be - would have been provided with the	
budget guidelines, is that right?	16 Q. Okay.
17 MS. LUTZ:	17 MS. LUTZ:
18 A. Yes, I believe so.	18 A. As I mentioned, everyone is responsible for
19 MR. O'BRIEN:	their budget numbers that they're presenting
Q. As part of the document. In that opening	and do have an opportunity to discuss it and
paragraph there, "Revised budget process,	21 present it to their direct manager and up
putting the emphasis on change in budget from	
one year to the next has been developed. The	23 up to the CEO.
new approach is designed to reduce business	24 MR. O'BRIEN:
25 unit owners input with a concentration on	25 Q. And so would there be discussions prior to

Page 121 Page 123 going to Mr. Henderson, say, with respect to 1 1 MR. O'BRIEN: 2 how many - if you're going to add FTEs, how Q. So, say, in your position many we need, what's reasonable, that sort of 3 MS. RUSSELL: 3 thing, is that part of your discussion prior A. And justification. 4 to going to Mr. Henderson? 5 5 MR. O'BRIEN: Q. In your position, would you look at that 6 MS. LUTZ: A. That would take place - let's say, if it was before you bring it, or do you just come up 7 7 human resources department, the human 8 8 with the figures and then go to Mr. Henderson resources, they would determine how many - if and say this is what we need? 9 10 they had FTEs, they would determine the 10 MS. RUSSELL: requirement, and then that would go up through A. For my groups, which would be regulatory, 11 11 12 Mr. Roberts, and Mr. McDonald at the time. 12 finance, and supply chain, I would go through 13 MR. O'BRIEN: what I thought based on work plans and level 13 Q. So human resources would make the of resources, workloads, what was required. 14 14 determination for each business unit, or would Then I would discuss it with the VP Finance, 15 15 16 it be a discussion -CFO, and then it would be - once had his 16 17 MS. LUTZ: approval, then I would go forward and it would 17 go to Mr. Henderson for approval, and then A. No, just for their own. 18 19 MR. O'BRIEN: 19 ultimately it goes to Mr. Martin, who has the O. For their own? ultimate approval on the FTE. 20 20 21 MR. O'BRIEN: 21 MS. LUTZ: 22 A. Yes. 22 Q. So in terms of the overall accountability on the O & M budget, that falls with Mr. 23 23 MR. O'BRIEN: Henderson, does it? 24 Q. Okay, and how about each business unit, would 24 they make the determination for their unit? 25 25 MS. RUSSELL: Page 124 Page 122 A. Yes. Ultimately, it is approved by Mr. 1 MS. LUTZ: 1 A. Yes, they would identify the requirement in 2 Martin, though, afterwards. 2 3 their business unit, and then they would 3 MR. O'BRIEN: submit it up through their own department and o. Okav. 4 5 then ultimately up through Mr. Henderson, and 5 MS. RUSSELL: then up through the CEO. A. He does the final approval. 6 6 7 MR. O'BRIEN: 7 MR. O'BRIEN: Q. Okay, and what level of sort of analysis would Q. But for the purposes of the rate case, you are 8 8 you go through prior to getting to Mr. able to talk about the O & M budget, you've 9 9 sponsored these figures in Section 3? Henderson? Would each unit decide how many 10 10 11 FTEs are needed on an annual basis or is it 11 MS. RUSSELL: A. The finance -12 just whether we need more? 12 13 MS. LUTZ: 13 MR. O'BRIEN: Q. Finance, yeah. 14 A. I wouldn't be able to say what process human 14 resources used, but you can probably jump in 15 MS. RUSSELL: 15 for finance, for instance. A. For the -16 17 MS. RUSSELL: 17 MR. O'BRIEN: Q. For the revenue requirements and what's built 18 18 A. Sure, I can only speak, I guess, to in the finance role the 2014 and 2015, I guess, as to into that, you can speak to that? 19 19 20 MS. RUSSELL: how - everybody would provide, would come with 20 21 each different division, for example, for 21 A. Yes, we can speak to that, to the changes, and 22 mine, if I had FTEs, you would have to explain 22 a lot of the explanations, I think, are provided in Section 2.4 of the evidence. 23 the number of FTEs, if you had any increases 23

24 MR. O'BRIEN:

25

Q. We're looking at that first paragraph in the

or decreases, your change in your FTEs for the

24

25

budget.

Page 125 Page 127 guidance in terms of mostly new budgetary previous year, and escalate by 2.2, and you're 1 1 2 items. I take it that includes costs that 2 expected to come and explain any difference will no longer be needed as well, is that over 2.2. 3 3 right, you're able to speak to that? You make 4 MR. O'BRIEN: 4 a determination on whether or not you can save 5 5 Q. Okay. costs as well? 6 6 MS. LUTZ: A. All professional services are built from zero, 7 MS. RUSSELL: 8 A. Correct. If you were increasing, for example, 8 and then it's all by the each. you know, an FTE, there may be some associated 9 MR. O'BRIEN: 9 10 reduction in overtime, or a reduction in 10 Q. Okay, that's it? temporary salaries to offset the permanent 11 11 MS. LUTZ: 12 employee. 12 A. Yes. 13 MR. O'BRIEN: 13 MR. O'BRIEN: 14 Q. Okay. 14 Q. So it just starts from zero and you fill it in? 15 MS. RUSSELL: 15 A. Or it could be due to increases in work plans, 16 MS. LUTZ: 16 depending on the circumstance. A. Right. 17 17 18 MR. O'BRIEN: 18 MR. O'BRIEN: Q. Okay, and the salaries then, why are they 19 O. Okay, and if we look at items 1 to 3, the budget is broken down into three components. excluded from the base budget? 20 20 So we have salaries, base budget, and 21 21 MS. LUTZ: 22 professional services. Just have a look at 22 A. Salaries are compiled the Human Resources the base budget itself, where does the base Department in accordance with the established 23 23 budget come from? Is that just generated by pay scales. 24 24 computer each year, is that what you -25 MR. O'BRIEN: 25 Page 126 Page 128 Q. So there's not an intent to try to manage 1 MS. LUTZ: 1 A. So there's a certain number of accounts in 2 salaries within the CPI? 2 everyone's business unit. This particular 3 3 MS. LUTZ: item indicates that it's not a salary account, A. There's an intent in managing salaries to the 4 4 5 it's not professional services, or any 5 extent that whether you're adding people or not, but once the person has been hired and operating projects, which it could contain 6 6 7 consulting or SEM, or anything like that, but 7 we've already established what the salary it's everything other than those accounts increases are, as the human resources panel 8 8 essentially. already explained, we calculate the salary 9 9 10 MR. O'BRIEN: estimates based on those numbers. 10 11 (11:45 a.m.) 11 Q. Okay, and that's the 2.2 percent you talked about for inflation index. The professional 12 12 MR. O'BRIEN: services and operating projects, those are all 13 13 Q. I wonder if we can turn to the 2014 zero based. This relates to the shared instructions. I never saw a guidance form in 14 14 services, is it, is that how that works? 15 2014. Would there have been a similar 15 guidance form to that 2013 in 2014? 16 MS. LUTZ: 16 17 A. I'm not sure I'm following exactly what you 17 MS. LUTZ: A. Similar to this -18 mean. 18 19 MR. O'BRIEN: 19 MR. O'BRIEN: Q. Maybe you can explain to me what zero base o. Yes. 20 20 means with respect to the professional 21 21 MS. LUTZ: services and operating projects? 22 A. The one that came late, you mean? 23 MS. LUTZ: 23 MR. O'BRIEN: 24 A. It means in relation to the base budget, we 24 Q. The one we looked at before, the 2013 budget O

25

& M guidance. I didn't see one in 2014.

25

would take the information that was there from

Page 129 1 MS. LUTZ: 2 A. I think the information is actually contained 3 within this memo. 4 MR. O'BRIEN: 5 Q. In Appendix "B"? 6 MS. LUTZ: 7 A. Yeah. 8 MR. O'BRIEN: 9 Q. Perhaps we can scroll to Appendix "B". This 10 would be capturing the O & M budget 11 requirements or are there more? 12 MS. LUTZ: 13 A. I believe this is the - 14 MR. O'BRIEN: 15 Q. That's the document, okay. So in terms of 1 A. So when we have our meetings for reviewing the 2 various budgets, there's a budget template 2 various budgets, there's a budget template 3 that's done, and anything that's over and 4 above has to be outlined to explain why it's 5 over a certain level. 6 MR. O'BRIEN: 7 Q. And that's in your presentation to Mr. 8 Henderson? 9 MS. LUTZ: 10 A. There's a series - as I mentioned, there's a 11 series of reviews. Let's say, Human Resources 12 Department came in to review their budget with 13 Mr. Henderson, and then there might be 14 MR. O'BRIEN: 15 Q. That's the document, okay. So in terms of 15 MR. O'BRIEN:
1 MS. LUTZ: 2 A. I think the information is actually contained 3 within this memo. 4 MR. O'BRIEN: 5 Q. In Appendix "B"? 6 MS. LUTZ: 7 A. Yeah. 8 MR. O'BRIEN: 9 Q. Perhaps we can scroll to Appendix "B". This 10 would be capturing the O & M budget 11 requirements or are there more? 12 MS. LUTZ: 13 A. I believe this is the - 14 MR. O'BRIEN: 15 Q. That's the document, okay. So in terms of 1 A. So when we have our meetings for reviewing the 2 various budgets, there's a budget template 2 various budgets, there's a budget template 2 various budgets, there's a budget template 3 that's done, and anything that's over and 4 above has to be outlined to explain why it's 5 over a certain level. 6 MR. O'BRIEN: 7 Q. And that's in your presentation to Mr. 8 Henderson? 9 MS. LUTZ: 10 A. There's a series - as I mentioned, there's a 11 series of reviews. Let's say, Human Resources 12 Department came in to review their budget with 13 Mr. Henderson, and then there might be 14 Finance, and so on. 15 MR. O'BRIEN:
3 that's done, and anything that's over and 4 MR. O'BRIEN: 5 Q. In Appendix "B"? 6 MS. LUTZ: 7 A. Yeah. 8 MR. O'BRIEN: 9 Q. Perhaps we can scroll to Appendix "B". This 10 would be capturing the O & M budget 11 requirements or are there more? 12 MS. LUTZ: 13 A. I believe this is the - 14 MR. O'BRIEN: 15 Q. That's the document, okay. So in terms of 3 that's done, and anything that's over and 4 above has to be outlined to explain why it's 5 over a certain level. 6 MR. O'BRIEN: 7 Q. And that's in your presentation to Mr. 8 Henderson? 9 MS. LUTZ: 10 A. There's a series - as I mentioned, there's a 11 series of reviews. Let's say, Human Resources 12 Department came in to review their budget with 13 Mr. Henderson, and then there might be 14 Finance, and so on. 15 MR. O'BRIEN:
4 MR. O'BRIEN: 5 Q. In Appendix "B"? 6 MS. LUTZ: 7 A. Yeah. 8 MR. O'BRIEN: 9 Q. Perhaps we can scroll to Appendix "B". This 10 would be capturing the O & M budget 11 requirements or are there more? 12 MS. LUTZ: 13 A. I believe this is the - 14 MR. O'BRIEN: 15 Q. That's the document, okay. So in terms of 4 above has to be outlined to explain why it's 5 over a certain level. 6 MR. O'BRIEN: 7 Q. And that's in your presentation to Mr. 8 Henderson? 9 MS. LUTZ: 10 A. There's a series - as I mentioned, there's a 11 series of reviews. Let's say, Human Resources 12 Department came in to review their budget with 13 Mr. Henderson, and then there might be 14 Finance, and so on. 15 MR. O'BRIEN:
5 Q. In Appendix "B"? 6 MS. LUTZ: 7 A. Yeah. 8 MR. O'BRIEN: 9 Q. Perhaps we can scroll to Appendix "B". This 10 would be capturing the O & M budget 11 requirements or are there more? 12 MS. LUTZ: 13 A. I believe this is the - 14 MR. O'BRIEN: 15 Q. That's the document, okay. So in terms of 15 Over a certain level. 6 MR. O'BRIEN: 7 Q. And that's in your presentation to Mr. 8 Henderson? 9 MS. LUTZ: 10 A. There's a series - as I mentioned, there's a 11 series of reviews. Let's say, Human Resources 12 Department came in to review their budget with 13 Mr. Henderson, and then there might be 14 Finance, and so on. 15 MR. O'BRIEN:
5 Q. In Appendix "B"? 6 MS. LUTZ: 7 A. Yeah. 8 MR. O'BRIEN: 9 Q. Perhaps we can scroll to Appendix "B". This 10 would be capturing the O & M budget 11 requirements or are there more? 12 MS. LUTZ: 13 A. I believe this is the - 14 MR. O'BRIEN: 15 Q. That's the document, okay. So in terms of 15 Over a certain level. 6 MR. O'BRIEN: 7 Q. And that's in your presentation to Mr. 8 Henderson? 9 MS. LUTZ: 10 A. There's a series - as I mentioned, there's a 11 series of reviews. Let's say, Human Resources 12 Department came in to review their budget with 13 Mr. Henderson, and then there might be 14 Finance, and so on. 15 MR. O'BRIEN:
6 MS. LUTZ: 7 A. Yeah. 8 MR. O'BRIEN: 9 Q. Perhaps we can scroll to Appendix "B". This 10 would be capturing the O & M budget 11 requirements or are there more? 12 MS. LUTZ: 13 A. I believe this is the - 14 MR. O'BRIEN: 15 Q. That's the document, okay. So in terms of 16 MR. O'BRIEN: 7 Q. And that's in your presentation to Mr. 8 Henderson? 9 MS. LUTZ: 10 A. There's a series - as I mentioned, there's a 11 series of reviews. Let's say, Human Resources 12 Department came in to review their budget with 13 Mr. Henderson, and then there might be 14 Finance, and so on. 15 MR. O'BRIEN:
8 MR. O'BRIEN: 9 Q. Perhaps we can scroll to Appendix "B". This 10 would be capturing the O & M budget 11 requirements or are there more? 12 MS. LUTZ: 13 A. I believe this is the - 14 MR. O'BRIEN: 15 Q. That's the document, okay. So in terms of 18 Henderson? 9 MS. LUTZ: 10 A. There's a series - as I mentioned, there's a 11 series of reviews. Let's say, Human Resources 12 Department came in to review their budget with 13 Mr. Henderson, and then there might be 14 Finance, and so on. 15 MR. O'BRIEN:
9 Q. Perhaps we can scroll to Appendix "B". This 10 would be capturing the O & M budget 11 requirements or are there more? 12 MS. LUTZ: 13 A. I believe this is the - 14 MR. O'BRIEN: 15 Q. That's the document, okay. So in terms of 9 MS. LUTZ: 10 A. There's a series - as I mentioned, there's a 11 series of reviews. Let's say, Human Resources 12 Department came in to review their budget with 13 Mr. Henderson, and then there might be 14 Finance, and so on. 15 MR. O'BRIEN:
would be capturing the O & M budget requirements or are there more? MS. LUTZ: Department came in to review their budget with MR. O'BRIEN: Mould be capturing the O & M budget Series of reviews. Let's say, Human Resources Department came in to review their budget with Mr. Henderson, and then there might be Finance, and so on. Mr. O'BRIEN: MR. O'BRIEN:
would be capturing the O & M budget requirements or are there more? MS. LUTZ: Department came in to review their budget with MR. O'BRIEN: Mould be capturing the O & M budget Series of reviews. Let's say, Human Resources Department came in to review their budget with Mr. Henderson, and then there might be Finance, and so on. Mr. O'BRIEN: MR. O'BRIEN:
11 requirements or are there more? 12 MS. LUTZ: 13 A. I believe this is the - 14 MR. O'BRIEN: 15 Q. That's the document, okay. So in terms of 11 series of reviews. Let's say, Human Resources 12 Department came in to review their budget with 13 Mr. Henderson, and then there might be 14 Finance, and so on. 15 MR. O'BRIEN:
12 MS. LUTZ: 13 A. I believe this is the - 14 MR. O'BRIEN: 15 Q. That's the document, okay. So in terms of 12 Department came in to review their budget with 13 Mr. Henderson, and then there might be 14 Finance, and so on. 15 MR. O'BRIEN:
13 A. I believe this is the - 14 MR. O'BRIEN: 15 Q. That's the document, okay. So in terms of 11 Mr. Henderson, and then there might be 12 Finance, and so on. 13 Mr. Henderson, and then there might be 13 Mr. Henderson, and then there might be 14 Finance, and so on. 15 MR. O'BRIEN:
14 MR. O'BRIEN: 15 Q. That's the document, okay. So in terms of 14 Finance, and so on. 15 MR. O'BRIEN:
15 Q. That's the document, okay. So in terms of 15 MR. O'BRIEN:
· ·
16 2014, still looking at a 2.2 percent 16 Q. Okay.
inflationary index. Mr. Roberts and Mr. 17 MS. LUTZ:
McDonald talked about a salary matrix. Is 18 A. So within those, and any operations people as
that what you get in terms of HR to put into 19 well, so they would bring in their budget
your budget, they produce some sort of salary 20 submission for presentation to Mr. Henderson,
compensation matrix? 21 and that information should be contained
22 MS. LUTZ: 22 within there, and then when it ultimately gets
23 A. They actually calculate the salaries by 23 consolidated for presentation up through as
person. 24 part of the Nalcor consolidated submission,
25 MR. O'BRIEN: 25 and also for presentation to the CEO for
Page 130 Page 1
1 Q. By person? 1 review, there would be a more summarized
2 MS. LUTZ: 2 version, but it would highlight any of the
3 A. In accordance with the salary matrix. 3 increases over and above that 2.2, or whatever
4 MR. O'BRIEN: 4 the number happens to be.
5 Q. Okay, and once you get those calculations, is 5 MR. O'BRIEN:
there any room for the business unit owners to 6 Q. Once you have your budget established, I
7 look at the salary budget and suggest changes 7 guess, the overall budget for Hydro, going
8 in the budget? 8 forward then, who's responsible for managing
9 MS. LUTZ: 9 the budget? Is it each business unit owner
10 A. They can certainly look at it, and if they 10 for their own budget?
don't understand why salaries is the way it 11 MS. LUTZ:
is, they can certainly ask the question of 12 A. They are responsible for ensuring that they
human resources. 13 stay within their budget. However, if there
14 MR. O'BRIEN: 14 are variances, they provide variance analysis
15 Q. Does that happen at all? 15 and so on, and Mr. Henderson would be involved
16 MS. LUTZ: 16 in any overs or unders.
17 A. I believe it does. 17 MR. O'BRIEN:
18 MR. O'BRIEN: 18 Q. And is there any measures that you would use
19 Q. Okay. When we talk about in each of these 19 to track that apart from the variance
budgets when there's going to be costs over 20 analysis?
the inflation of 2.2 percent, that support for 21 MS. LUTZ:
costs should be available. Is that support in 22 A. We have a operating cost metric that we
general, how does that work to provide the 23 measure.
24 support? 24 MR. O'BRIEN:
25 MS. LUTZ: 25 Q. Okay, and that's what I wanted to - how does

November 16, 2015	Multi-Page ***	NL Hydro GRA
	Page 133	Page 135
1 that work?	1 m	eetings and how Hydro is progressing?
2 MS. LUTZ:	2 MS. LU	
3 A. So it's a certain amount and there's a targ	et 3 A. W	hich matrix?
4 number, and an opportunity, and a thresh		BRIEN:
5 number.		he operation cost matrix you're talking
6 MR. O'BRIEN:		oout, how each -
7 Q. Just explain to me how that works?	7 MS. LU	•
8 MS. LUTZ:		he target?
9 A. Okay. So if you - I believe it's 2 percent,		
can't remember the number. Subject to c		es, the target.
but I think it's 1 percent over or 2 percen		_
over, and 1/2 percent under for opportunit		
13 MR. O'BRIEN:	13 MR. O'H	
14 Q. 1/2 percent under for opportunity?		is, okay. Are there any other measures
15 MS. LUTZ:		at Hydro uses to track its operation O & M
16 A. I'd have to check. I don't recall right -		adget throughout the year?
17 MR. O'BRIEN:	17 MS. LU	
18 Q. Can you check for me, just to find out the		t that particular meeting?
parameters, I guess, of that cost matrix, an		-
is that something that's looked at on a		r at any meeting?
21 monthly basis?	20 Q. O 21 MS. LU	•
22 MS. LUTZ:		t the leadership meeting, we have net income,
23 A. Yes, it is.		perating expenditures, as I mentioned, and
24 MR. O'BRIEN:	_	so cash from operations.
25 Q. And it's within each unit or is it somethin		
2.5 Q. And it's within each unit of is it sometim		
	Page 134	Page 136
looked at by the Finance Department as		ash from operations?
2 whole?	2 MS. LU	
3 MS. LUTZ:	3 A. A	s well, we do some reporting on capital
4 A. It's for consolidated Hydro.	4 m	etrics.
5 MR. O'BRIEN:	5 MR. O'I	
6 Q. For consolidated Hydro?	6 Q. W	hat capital metrics do you report on?
7 MS. LUTZ:	7 MS. LU	
8 A. Yes.		e would participate in the compilation of the
9 MR. O'BRIEN:		osts that are on the capital projects. There
10 Q. Okay.	10 ar	e four measures; schedule, quality, safety,
11 MS. GLYNN:	11 ar	nd cost, and we participate in the cost
12 Q. I just want to note the undertaking on the	ne 12 pi	ece.
13 record.	13 MR. O'I	
14 MR. O'BRIEN:		kay, schedule, quality, safety and cost?
15 Q. Thank you. Now in terms of the month	•	
guess, review and monthly meetings with	· ·	es.
are you part of those meetings, Ms. Lutz?		
18 MS. LUTZ:	18 A. I o	don't know if I could add -
19 A. The Hydro leadership team?	19 MR. O'I	BRIEN:
20 MR. O'BRIEN:	20 Q. St	ire.
21 Q. Yes.	21 MR. PEI	LLEY:
22 MS. LUTZ:		sst to give you a perspective if I'm a
23 A. Yes.	23 bu	usiness unit owner, I own two business units,
24 MR. O'BRIEN:		tually, Nalcor Treasury, and Newfoundland
25 Q. And do you discuss that matrix at thos	se 25 ar	d Labrador Hydro Treasury, and from my

Multi-Page TM November 16, 2015 NL Hydro GRA Page 137 Page 139 perspective, one of the key things or one of 1 1 MR. PELLEY: 2 the key deliverables that I have as part of my A. We all have those. performance contract is ensuring that my O & M 3 3 MS. RUSSELL: expenses stay within a certain band. So just A. Yeah, they're all the same. 4 to give you some flavour of how that works 5 5 MR. PELLEY: down at that level, I'd have to undertake to A. Just to clarify, that's common across 6 tell you what exactly the plus and minus was. everyone's performance contract would be 7 7 performance at the corporate level, and then 8 MR. O'BRIEN: 8 as individuals we all have our own business Q. Okay. 10 MR. PELLEY: 10 units, which is another step towards meeting completion of the performance contract. 11 A. Much like Carol Ann said, they exist at the 11 corporate level, they exist at the business 12 12 MS. RUSSELL: unit level as well. A. And all those have been filed under the 13 14 MR. O'BRIEN: 14 Undertaking 3B. O. At the business unit level as well. 15 MR. O'BRIEN: 15 16 MR. PELLEY: Q. Okay. Does Hydro look at controllable costs as a way of tracking operation costs A. So on a monthly basis, I'll be looking at my 17 17 throughout the year? Is that one of the key budget as to where I am against those targets 18 18 that are in my performance contract. So performance indicators or targets that it 19 19 there's a direct link between performance pay looks at? 20 20 and control over your budget. 21 21 MS. LUTZ: 22 MR. O'BRIEN: A. Could you say that again? Q. So you'd have a threshold and opportunity as 23 MR. O'BRIEN: 23 well in your -Q. Controllable costs, maybe we can bring up 24 Information 5, and I'll show you what I'm 25 MS. LUTZ: 25 Page 138 Page 140 A. That's right, the exact same nomenclature down talking about. It's a list of key performance 1 1 2 at that level, target, threshold, and indicators. It's an appendix to the December 2 opportunity. 31st, 2014 quarterly report of Hydro, and 3 3 there's some key performance indicators in the 4 MR. O'BRIEN: 4 Q. And Ms. Russell, would you have the same in category there on the left hand side. If we 5 5 scroll down under financial, one of the key your unit? 6 6 7 MS. RUSSELL: 7 performance indicators is controllable unit A. Correct. cost. Is that something that's tracked by 8 Hydro as a way of managing operating and 9 MR. O'BRIEN: 9 maintenance costs? Q. And do you have any further - as manager, 10 10 11 general manager, do you have any different 11 MS. LUTZ: targets that you look at from a finance A. To the extent that we'd be measuring the 12 12 13 perspective? 13 numerator in that particular case. 14 MS. RUSSELL: 14 MR. O'BRIEN: A. Financial performance in my contract is the Q. Just explain that to me? 15 net income, it would be the same types of -16 16 MS. LUTZ: 17 and operating expenses. 17 A. Well, a controllable cost would correspond to the O & M numbers that we just discussed. 18 MR. O'BRIEN: 18 Q. So net income and operating expenses, and 19 MR. O'BRIEN: 19 Q. Right. 20 20

21 MS. RUSSELL:

23

24

25

you'd have thresholds and - target, threshold,

opportunity for each of those? 21

22 MS. RUSSELL:

23 A. Correct.

24 MR. O'BRIEN:

Q. Okay.

Page 137 - Page 140

A. In Undertaking 6, Hydro did do a comparison of what Mr. Martin had talked about, the KPIs

that are measured within Hydro, the leadership

team, and the difference and the comparison to

November 16, 2015	Multi-Page [™]	NL Hydro GRA
Pag	ge 141	Page 143
what's reported in the PUB report.	1 seriously, and there's	9
2 MR. O'BRIEN:	2 about them in the cor	
3 Q. Sure.	3 (12:00 p.m.)	
4 MS. RUSSELL:	4 MR. O'BRIEN:	
5 A. So if you go to Undertaking 6, you can see -		ssion about changing any
6 it'll compare for you the finance ones and it	6 targets or to set a targ	
7 shows where they are at different places may	_	-
8 throughout the PUB reporting. They may not b		
9 exactly in that appendix, but it gives the -	9 A. Well, the targets are a	already set, so if they
10 MR. O'BRIEN:		rgets were already set
11 Q. Okay.	to the budgets.	<i>8</i> ,
12 MS. RUSSELL:	12 MR. O'BRIEN:	
13 A. As Carol Ann said, to maintain operating cos		
is there, and that's the comparator.	14 MS. RUSSELL:	
15 MR. O'BRIEN:	15 A. So if you are over, t	hen you were over the
Q. So in terms of if we go back to Information 5		l a recovery plan to come
then, is there an annual target set for	•	Mr. Henderson will always
controllable unit costs? If you scroll up,	ask for if somebody	
19 you'll see there's - if you go across, you see	recovery - what the	
each of the years, 2009 and 2013 variance fro	-	in in place for the item
21 averages, and 2014, is there a target set each	21 that may be over, if the	-
year for that indicator?	22 MR. O'BRIEN:	
23 MS. RUSSELL:		vork, say, on a monthly -
24 A. The only targets are the ones that Mr. Martin		erly, monthly, or each
has previously spoken to and the operating		ask about the recovery
Pag	ge 142	Page 144
ones are the targets that are set within	1 plan, or he asks about	•
2 Hydro.	2 MS. RUSSELL:	, and roos very prairie
3 MR. O'BRIEN:	3 A. Well, for 2015, on the	he quarterly forecast.
4 Q. If you scroll back down and just have a look		forecasting because the
5 at the - if we go across, this controllable O		adget was approved, and
6 & M over energy delivery, it's measured, I		nere are meetings with
guess, in dollars per megawatt hour. If you	_	he departments, and if
8 go across for the years, it seems relatively	=	y upward adjustments or
9 stable until you get out to 2014, it jumps	,	st, they would have to be
from \$15.53 to \$18.09. Is that something that	_	nderson before they could
in your Hydro leadership meetings raised a	actually make that ch	•
12 concern?	12 MR. O'BRIEN:	8
13 MS. RUSSELL:	Q. And is there a discus	sion about how to - if
14 A. Well, that would have been a function of O &		like you say, recovery
piece that we do track, and that does get	plan, what steps can b	
discussion at the Hydro leadership team, so,	16 MS. RUSSELL:	
17 yes.	17 A. Yes, there is, yeah.	
18 MR. O'BRIEN:	18 MR. O'BRIEN:	
19 Q. All right. Was that a concern, do you have a		ngs get discussed in that
recollection of it being raised as a concern	20 regard?	- •
at any point in those meetings?	21 MS. RUSSELL:	
22 MS. RUSSELL:	22 A. It depends on what th	e item is that's causing
23 A. Definitely, like, variances off budget that	_	t's causing the overage.
are higher than budget are obviously always		nd on what line item it
something that are discussed and taken	25 was.	
-	1	

November 16, 2015	Multi-Page [™] NL Hydro GRA
Pa	ge 145 Page 14'
1 MR. O'BRIEN:	1 MS. LUTZ:
2 Q. Okay, if it was salaries were higher, benefits	2 A. All the while making sure that they understand
were higher, is that ever discussed as a - is	what the impact of that would be.
4 there a way to recover from that?	4 MR. O'BRIEN:
5 MS. RUSSELL:	5 Q. Sure.
6 A. I think the salaries and benefits one, as	6 MS. RUSSELL:
7 Carol Ann had indicated, those ones are part	7 A. To the work plans that Hydro has set out for -
of the budget. Those ones are - they don't	so you'd have to look at that too.
9 vary much from the budget because they're s	et. 9 MR. O'BRIEN:
10 MR. O'BRIEN:	10 Q. So when you do that, do you have discussions
11 Q. For the year.	concerning reliability and that kind of thing
12 MS. RUSSELL:	as to whether or not -
13 A. You know what those ones are.	13 MS. RUSSELL:
14 MR. O'BRIEN:	14 A. That would be with the Ops. That would be
15 Q. So it's the other aspects of the operating and	amongst Mr. Henderson's operations group.
maintenance that would be more likely to be	e 16 MR. O'BRIEN:
subject to recovery plan discussions?	17 Q. I've asked this question of a few witnesses,
18 MS. RUSSELL:	and I understood from Mr. Henderson and from
19 A. Yes.	Mr. McDonald that Hydro doesn't have any
20 MR. O'BRIEN:	specific measures built into operations to
Q. Okay.	keep costs down, productivity measures. Are
22 MS. LUTZ:	you aware of any that you can tell us about?
23 A. Can I add -	23 MS. RUSSELL:
24 MR. O'BRIEN:	24 A. There are some RFIs, I believe, that have been
25 Q. Sure.	answered on that. I'd have to just -
Pa	ge 146 Page 14
1 MS. LUTZ:	1 MR. O'BRIEN:
2 A. To the extent that the increase in salaries,	2 Q. There was one I was going to refer to and that
for instance, was due to new people there ma	
4 be a delay in hiring or so on.	4 384. I don't know if that's possibly one.
5 MR. O'BRIEN:	5 Scroll through there and have a look.
6 Q. Okay, and if there's temporary employees, th	
7 same sort of thing?	7 A. That would be -
8 MS. LUTZ:	8 MR. O'BRIEN:
9 A. That is possible.	9 Q. That would be one, yeah, okay.
10 MR. O'BRIEN:	10 MS. RUSSELL:
11 Q. Yeah.	11 A. That would be one, yeah.
12 MS. RUSSELL:	12 MR. O'BRIEN:
13 A. The only thing you could impact at that point	
wouldn't be the dollars associated with	look there, if you want to have a look for
someone's salary who's currently, you know	•
employed. It could be - if there are future	few questions on this one, seeing you got them
hire that have not been hired, or a temp, or	17 handy.
potentially overtime, but that would depend of	
work plans too.	
20 MR. O'BRIEN:	
Q. So obviously you wouldn't reduce someone	
salary necessarily just to do that, but if	22 Q. Okay.

A. PUB-NLH-301, they would be capital type. On maintenance and capital work, FTEs, I think

23 MS. RUSSELL:

24

25

23

24

25

there were plans in place to hire someone, you

could delay those plans or you could shorten a

temporary position or something like that?

November 16, 2015 Multi	i-Page TM NL Hydro GRA
Page 149	Page 151
there are some - PUB-NLH-409, NP-NLH-394, and	1 A. Well, I think here they're indicating that the
2 NP-NLH-395, and I believe the operations panel	2 overtime was reduced, but it wasn't put in as
3 would have discussed as well.	an allowance as such, but it was part of the
4 MR. O'BRIEN:	4 base number that was presented.
5 Q. Okay. Let's have a look at this one, I guess,	5 MR. O'BRIEN:
6 that we have up here. Can we go back to 384	6 Q. And that's part of the 2015 budget. Who put
7 there, Ms. Gray. Thank you. I wanted to ask	7 that together? When this GRA was done, do you
8 you about the answer here. The question	8 recall any discussions that as part of the
9 further to the response to request for	9 productivity allowance here, we're going to
information, CA-NLH-328, "Please confirm that	reduce overtime from 2014 to 2015, do you
Hydro has not included a specific allowance	recall any discussions on that?
for productivity in its 2015 test year	12 MS. LUTZ:
operating expenses". So dealing with	13 A. I don't recall it being referred to as
operating expenses specifically, and the first	productivity allowance as such.
paragraph there, the answer, "Hydro's	15 MR. O'BRIEN:
16 budgeting methodology incorporates	16 Q. Okay.
productivity improvements into its base	17 MS. LUTZ:
budgets, not as a specific allowance to be	18 A. However, I do recall that, as you know, we had
shown separately. Both methods have the same	added a number of positions in 2015.
20 end results". So when you're referring to	20 MR. O'BRIEN:
base budgets here, how is it that Hydro would	21 Q. Uh-hm.
incorporate it into the base budget, and I	22 MS. LUTZ:
understood base budget not to include salaries	23 A. And accordingly, we said we had to look at the
or benefits? Is that fair?	overtime levels as well, so we challenged the
25 MS. RUSSELL:	operations and in some cases they came forth
Page 150	Page 152
1 A. Just one second. Is there any - can you	1 with reductions in overtime as well, so I
2 scroll down to that for a second. So your	2 can't recall if all of them did or if we made
3 question was the base budget.	3 an adjustment.
4 MR. O'BRIEN:	4 MR. O'BRIEN:
5 Q. The base budget, is that just a generic term	5 Q. Okay, and that was prior to the rate case
6 or are you referring to the base budget	6 being filed?
7 exclusive of salaries and benefits? We talked	7 MS. LUTZ:
8 about the budgeting process before, we saw	8 A. Yes.
9 three categories, and one was the base budget.	9 MR. O'BRIEN:
10 MS. RUSSELL:	Q. And are you able to tell me - perhaps we could
11 A. I think the base budget piece is without the	go to NP-307, Attachment 1, page 9. I just
salaries and benefits piece. Carol Ann can -	want to get a flavour for the cost there.
13 MS. LUTZ:	13 MS. GRAY:
14 A. Well, perhaps here, I think, that was just a	14 Q. Revision 1?
generic term here in terms of this RFI.	15 MR. O'BRIEN:
16 MR. O'BRIEN:	Q. Revision 1, yes, thank you. So if we can blow
17 Q. I just wanted it clarified because you talk	this up a little bit, overtime there is on

19

20

21

22

23

24

25 MS. LUTZ:

18 about overtime here in the next paragraph.

19 MS. LUTZ:

A. Right. 20

21 MR. O'BRIEN:

22 Q. And I would have put that into the salaries 23

piece, but - would you put that into the

24 salaries piece or is that part of the -

25 MS. LUTZ:

line 5. So if we go across that line from

on, we see up to about 2012 overtime is down

under 10 million, but in 2012, it goes from

is related to the - just a ball park, related

to the outages?

to 12.2. The actuals for 2014 are up around

16. Are you able to tell me how much of that

2007

November 16, 2015	Iulti-Page™ NL Hydro GRA
Page	153 Page 155
1 A. I think there's an RFI for that.	1 MR. O'BRIEN:
2 MR. O'BRIEN:	2 Q. Okay. I'm just trying to get a flavour, I
3 Q. Okay, your test year for 2014 was at 12	guess, in terms of challenging the regions to
4 million. If we scroll over a little bit	4 reduce overtime and challenging the business
5 further, Ms. Gray, it's about a 4.4 million	5 owners to reduce overtime, whether or not
6 difference.	6 there was an anomaly in 2014 that overtime was
7 MS. LUTZ:	7 high and that it really wouldn't have been a
8 A. I think it's part of the prudence review.	8 challenge to reduce it back to 10 million by
9 There was -	9 2015. Can you give me any comment on that?
10 MR. O'BRIEN:	10 MS. RUSSELL:
11 Q. Okay, it's part of that. I understood some of	11 A. So I think we found the RFI.
that to be part of that the increased I	12 MR. O'BRIEN:
guess the plan to have maintenance,	13 Q. Okay.
preventative maintenance done to catch up with	14 MS. RUSSELL:
the six-year plan. Is that right?	15 A. I'm not sure if this is the RFI, NP-NLH-386,
16 MS. LUTZ:	that indicates the amount of overtime.
17 A. That's not necessarily outage related though.	17 MS. LUTZ:
18 MR. O'BRIEN:	18 A. For the outage.
19 Q. Okay. But is that the part that you feel is	19 MS. RUSSELL:
dealt with in the increase? Is it largely due	20 A. For the outage.
21 to that?	21 MR. O'BRIEN:
22 MS. LUTZ:	22 Q. Okay. So you got .2 million in overtime in
23 A. I'd have to check.	the January outage of 2013 and .3 million in
24 MR. O'BRIEN:	overtime associated with the '14 and '15 test
25 Q. Okay. Perhaps I'll ask you to check on that,	25 years.
Page	154 Page 156
the difference between maybe I'll ask you	1 MS. LUTZ:
2 to check the difference between the test year	2 A. That's specifically outage related.
3 2014 and the actual of 2014. It may be on the	3 MR. O'BRIEN:
4 record, but just to confirm. The test year	4 Q. That is specifically outage related?
5 2014 of 12 million, that would have been based	5 MS. LUTZ:
on five months actual, seven months?	6 A. Right.
7 MS. LUTZ:	7 MR. O'BRIEN:
8 A. That's correct.	8 Q. What's the reason for such an increase in the
9 MR. O'BRIEN:	9 overtime to 16 million in 2014?
10 Q. Seven months forecast. Would you have know	vn 10 MS. LUTZ:
that there was additional overtime required in	11 A. I would have to I couldn't I would have
that particular year due to the outages or any	to get that information for you.
other reasons, more than expected?	13 MR. O'BRIEN:
14 MS. LUTZ:	14 Q. Could you undertake to provide that?
15 A. The numbers that resulted in that 12 million	15 MS. LUTZ:
came from the forecast from the regions as	16 A. Yes.
17 well.	17 MR. O'BRIEN:
18 MR. O'BRIEN:	18 Q. Because we do see a significant difference
19 Q. Okay, all right.	19 from 2013 to 2014.
20 MS. LUTZ:	20 MS. GLYNN:
21 A. So I wouldn't have visibility into what their	21 Q. Mr. O'Brien, we'll note that undertaking on
forecast what their requirements were, but	the record.
the process would have required them to give	23 MR. O'BRIEN:
us their best forecast of what their costs	24 Q. Thank you.
25 would have been.	25 MS. GLYNN:

Multi-Page TM November 16, 2015 NL Hydro GRA Page 157 Page 159 Q. Could we confirm the prior undertaking of the 1 MS. RUSSELL: 1 2 difference between the 2014 test year and A. And that would be something that they would, actuals? I don't know if that was actually you know, have to speak to as well if there 3 3 was any build ins of things where there were accepted. 4 4 5 MR. O'BRIEN: 5 offsets to costs. Q. Was that accepted? 6 MR. O'BRIEN: Q. So we'd have to speak to each unit owner to 7 MR. CASS: determine if they built in any productivity Q. Yes, Mr. Chair. 8 improvements into their budgeting methodology? 9 MR. O'BRIEN: Q. Okay, thank you. 10 MS. RUSSELL: 10 A. Yes. I think Mr. Henderson did speak about 11 MS. GLYNN: 11 Q. Thank you. 12 that in his testimony. 12 13 MR. O'BRIEN: 13 MR. O'BRIEN: Q. And are there any guidelines that -- is there 14 Q. And apart from the -- maybe we can go back to 14 NP-NLH-384 just to make sure we've covered off anything in the guidelines that tell you how 15 15 16 what other efficiencies may have been built in 16 to build in productivity improvements in the from a budgetary perspective. Sorry, Ms. annual budgetary process? 17 17 Gray, NP-NLH-384. I just wanted to be clear 18 18 MS. LUTZ: that we've covered off what efficiencies would 19 A. I don't think specifically. I think it's part have been built into a budget. Maybe we can of managing their costs and their budgets. 20 20 scroll down through there. Is there any other 21 21 MR. O'BRIEN: 22 that you can tell us about, apart from the 22 Q. I wonder if we could turn -- before I get into the operating costs, I did want to talk about 23 overtime? 23 the revenue, 2014 revenue deficiency. Can we 24 (12:15 p.m.) 24 bring up Table 3.1? It's page 3.7 of the rate 25 MS. LUTZ: 25 Page 160 Page 158 A. No, I wouldn't be able to speak to what case application. I'm sorry, Table -- I think 1 1 2 productivity enhancements like that are in the 2 it's -- yeah, there we go. divisions. I wouldn't. 3 3 So that's the calculation of the 2014 revenue deficiency. Is that correct? 4 MR. O'BRIEN: 4 Q. But in terms of the budgetary aspect of it, 5 MS. RUSSELL: 5 can you speak to that? A. Yes. 6 6 7 MS. LUTZ: 7 MR. O'BRIEN: A. In? Q. And can someone tell me who prepared that 8 8 particular table? 9 MR. O'BRIEN: 9 10 MS. RUSSELL: Q. Was there anything built into the budget 10 process? The beginning of this answer is 11 11 A. So there was a lot of people that gave input "Hydro's budgeting methodology incorporates into that, both between the finance and the 12 12 productivity improvements." Is it just the 13 13 regulatory groups, but I guess it would have overtime that's the productivity improvement been done under my direction, but I didn't 14 14 15 built into the budgeting process? actually prepare the table, but it was done 15 between the finance and regulatory folks. 16 MS. LUTZ: 16 17 A. Well, that would have come from the budget 17 MR. O'BRIEN: that was presented from operations. So when Q. Okay. So it would have been overseen by you, 18 18 19 they say the budgeting process, it doesn't 19 I take it? mean as determined by finance. It means when 20 20 MS. RUSSELL:

21

22

23

24 MR. O'BRIEN:

Q. And when this particular filing, I guess, and
Page 157 - Page 160

A. Well, Mr. Fagan, I think, oversaw like a lot

of the details, but this was all part of the

calculation for the revenue deficiency.

can, in terms of controlling costs.

21

22

23

25

24 MR. O'BRIEN:

Q. Okay.

you're presenting your information, you should

build in all productivity allowances that you

November 16, 2015 Page 161 Page 163 this calculation was done, this was included reasonable opportunity to test the proposals 1 1 2 as part of the initial filing, not a separate 2 of Hydro in that application. Is that fair to application? Is that right? sav? 3 3 4 MS. RUSSELL: 4 MS. RUSSELL: A. I believe so, yeah. A. At what date would you be referencing? 5 5 6 MR. O'BRIEN: 6 MR. O'BRIEN: Q. Okay. And I understand Hydro was asked to Q. When the application was filed, the end of prepare a separate application later in November, the Board issued an order before the 8 8 November of 2014 to address the revenue end of the year, but indicated in the order 9 9 10 deficiency requirement. Is that right? 10 that there wasn't a reasonable time to test the proposals of Hydro in that application. 11 MS. RUSSELL: 11 A. Um-hm. Yes. 12 Is that fair? 12 13 MR. O'BRIEN: 13 MS. RUSSELL: Q. Okay. And would you have been part of the 14 14 A. Yes, I believe it was filed in November, so it preparation of that application, Ms. Russell? would have been -- they would have been tested 15 15 16 MS. RUSSELL: 16 through the RFI process after the amended A. I would have reviewed that after it was application was filed. 17 17 18 MR. O'BRIEN: 18 prepared. Q. And there was no -- and at that point in time, 19 MR. O'BRIEN: Hydro had no interim order for interim rates? Q. And I take it from the application, there was 20 20 no -- the application was for approval to 21 21 MS. RUSSELL: transfer an amount of 44.9, so that's separate 22 22 A. No. from the supply costs revenue deficiency, an 23 23 MR. O'BRIEN: amount of 45.9 from the RSP hydraulic Q. What was Hydro's main concern about this 24 application? Was it the recovery of the rate variation. Is that correct? 25 25 Page 162 Page 164 of return? Was that the focus for 2014? 1 MS. RUSSELL: A. Yes. 2 MS. RUSSELL: 2 A. It was the -- the main part was for Hydro to 3 MR. O'BRIEN: 3 be able to earn a reasonable return for 2014. Q. Okay. And it was never intended to be 4 5 specifically put in for rates, to be recovered 5 MR. O'BRIEN: through rates? Q. Because we see going across on the return of 6 7 MS. RUSSELL: 7 equity, there's the increase from 2007 - 2014 is 22.5 million. That makes up about half of A. No, that was what Hydro proposed was through 8 8 the revenue deficiency. Is that fair? the RSP. 9 10 MR. O'BRIEN: 10 MS. RUSSELL: 11 Q. And the Board hasn't approved -- at this point A. Which line are you looking at? in time, the Board has merely set up a 12 12 MR. O'BRIEN: deferral account to deal with this amount and 13 13 Q. Sorry, the lines aren't numbered, but if you there's been no approval of any amount? go down, return on equity. 14 14 15 MS. RUSSELL: 15 MS. RUSSELL: A. Return on equity, yes. A. No. 16 17 MR. O'BRIEN: 17 MR. O'BRIEN: Q. Apart from setting the figure. Q. So under existing rates, the return is 18 19 MS. RUSSELL: calculated at eight and then 2014 test year, 19 30.5 and the difference was 22.5 million. A. Correct. 20 21 MR. O'BRIEN: 21 MS. RUSSELL:

A. Yes.

23 MR. O'BRIEN:

24

25

Q. So that's roughly half of what the revenue

deficiency was at the time.

22

23

24

25

Q. Okay. I wonder whether or not you would agree

-- and we can go to the Order if we have to,

time, in the end of November, there was no

but it appears the Board noted that at the

No	ovember 16, 2015 Mul	ti-P	Page [™] NL Hydro GRA
	Page 165	5	Page 16
1	MS. RUSSELL:		that it's still subject to the testing of the
2	A. Yes.	2	2 costs for 2014 as to whether they're
3	MR. O'BRIEN:	3	3 reasonable or not?
4	Q. And these costs again were based on a five-	4	4 MS. RUSSELL:
5		5	5 A. Yes.
6	understood from Mr. Conway's testimony in the	6	6 MR. O'BRIEN:
7	prudence review that the actual figures that	7	7 Q. And the fact that certain costs get incurred
8	Hydro relied on to calculate the revenue	8	8 doesn't necessarily mean they're reasonable?
9	deficiency would have been available in around	9	9 MS. RUSSELL:
10	June of that year. Is that fair?	10	10 A. Correct.
11	MS. RUSSELL:	11	11 MR. O'BRIEN:
12	A. Yes.	12	12 Q. Or that they're forecasted to incur doesn't
13	MR. O'BRIEN:	13	necessarily mean they're reasonable?
14	Q. And can you advise us as to why they weren't	14	14 MS. RUSSELL:
15	updated in November?	15	15 A. Correct, and I think as you indicated, our
16	MS. RUSSELL:	16	actuals were higher than this.
17	A. So it has to do with and Mr. Henderson	17	17 MR. O'BRIEN:
18	spoke to this the timing when we would have	18	18 Q. In some areas, yeah. And it's ultimately
19	put forward this. It does take you have to	19	19 Hydro's burden to establish the reasonableness
20	lock down the numbers at a certain point in	20	of this request and the costs that are asked
21	time. So that was the month that we that	21	21 for here?
22	the numbers were ready to lock down and then	22	22 MS. RUSSELL:
23	once you because once you have the numbers,	23	23 A. Correct.
24	that's one part of it. You have to update the	24	24 MR. O'BRIEN:
25	whole we had to do the amended application	25	25 Q. The recovery.
	Page 166	5	Page 16
1	and on each section we speak to the variances		1 MS. RUSSELL:
2		Ι.	2 A. And we're not adjusting.
3	be written and so it took a lot of time to get		3 MR. O'BRIEN:
4	through all that and that's why we had to	4	4 Q. When Hydro filed the November, late November
5		5	5 application for the revenue deficiency, were
6			6 there concerns at that time that an amount had
	MR. O'BRIEN:	7	7 to be booked for that year, from an accounting
8	Q. And would you have known by the time you filed		8 perspective?
9		9	9 MS. RUSSELL:
10			10 A. Yes, there were concerns because we were
1	MS. RUSSELL:	11	
12	A. We would have had more actual we would have	12	
13			13 MR, O'BRIEN:
14		14	14 Q. Just explain to me what the concern is in that
	MR. O'BRIEN:		regard.
16	Q. And is it Hydro's position and I'm asking		16 MS. RUSSELL:
17	this because Mr. Fagan said he'd ask that it		17 A. So our year end is December 31st and we were
18	•	18	•
19			not had this, obviously you can back off the
20	_	20	
	MS. RUSSELL:	21	
22	A. No.	22	
	MR. O'BRIEN:		23 MR. O'BRIEN:
24	Q. No. And you would agree with me, I guess,	24	
25		25	

Multi-Page TM November 16, 2015 NL Hydro GRA Page 169 Page 171 it's possible that the Board doesn't order Q. In a deferral account, okay. 1 2 that total 45.9 to go into that deferral 2 MS. RUSSELL: account for recovery for Hydro? Is that A. Yes. 3 3 4 right? 4 MR. O'BRIEN: 5 MS. RUSSELL: 5 Q. So what would happen with that? Does the A. Correct. It would be up to the Board, when we balance then become impaired from an 6 6 get our Board -- our order at the end of this accounting perspective? What happens? 7 7 8 GRA. 8 MS. RUSSELL: 9 MR. O'BRIEN: A. Once you get an order? Q. And you'd agree with me that certain portions 10 MR. O'BRIEN: 10 of that amount have been disputed, certain o. Yes. 11 11 capital expenditures included in there and 12 12 MS. RUSSELL: prudence issues, that kind of thing? A. Well, once you get an order, you know what 13 that amount is then and you would record it 14 MS. RUSSELL: 14 A. Well, the items that would be dealt with based on whatever the order says. It depends 15 15 16 through prudence would all form part of the 16 on what the order would say. final order as well. 17 MR. O'BRIEN: 17 18 MR. O'BRIEN: Q. Do you have to -19 Q. Right, okay. And there'll be -- if there are 19 MS. RUSSELL: issues with control -- with the O&M costs that 20 20 A. As to how to recover as well. are included in here, that could have an 21 21 MR. O'BRIEN: 22 effect on how much the Board ultimately orders Q. Do you have to adjust your books for 2014? to be included into that deferral account? 23 23 MS. RUSSELL: 24 MS. RUSSELL: 24 A. I don't -- we would have to look into that more specifically, but as to whether or not 25 A. As I've indicated, yes, the Board will make a 25 Page 170 Page 172 -- will have an order at the end of the day you'd go back or just take the -- incur 1 1 2 which will speak to this deferral as well as 2 whatever the difference might be in the the rates for 2016. current year. I believe it would be a current 3 3 year and Carol Ann can jump in if she -4 MR. O'BRIEN: 4 Q. Okay. And what would happen if there is a 5 MS. LUTZ: 5 significant amount of the 45.9 that the Board A. Yes, we'd recognize the difference in 2016. 6 7 ordered or disallowed or didn't include in 7 MR. O'BRIEN: Q. You'd recognize that -8 that? What would happen with respect to -from an accounting perspective for Hydro, what 9 9 MS. RUSSELL: impact would that have? A. In the year that you get the order. 10 11 MS. RUSSELL: 11 MR. O'BRIEN: A. Well, we would have to record that in the year Q. Okay. So you would still have on your 2014 12 12 statements a 45.9 deferral account? that we would get the order. 13 13 14 MR. O'BRIEN: 14 MS. RUSSELL: Q. So if we have -- if we go into 2016 to get the A. Yes. 15 order, you'd have to record that in 2016? 16 MR. O'BRIEN: 16 17 MS. RUSSELL: 17 Q. You wouldn't adjust those? A. I believe, yes. 18 MS. LUTZ: 18 19 MR. O'BRIEN: A. Could you say that again? Q. And what would happen to the amount that is --20 20 MR. O'BRIEN: I presume there's 45.9 million that's recorded 21 21 Q. You would still have on your statements for

22

24

23 MS. LUTZ:

25 MR. O'BRIEN:

2014 a 45.9 deferral account asset?

A. For 2014 we would.

22

24

23 MS. RUSSELL:

25 MR. O'BRIEN:

on Hydro's books for 2014. Is that right?

A. In a deferral account on the balance sheet.

November 16, 2015	Multi-Page TM	NL Hydro GRA
Page	e 173	Page 175
1 Q. Yes.	1 MR. O	'BRIEN:
2 MS. LUTZ:	2 Q. T	The cost deferral amended application and
3 A. But in 2016, we would have to recognize the	3 r	related evidence for 2015.
4 results of the Board order.	4 MS. GI	LYNN:
5 MR. O'BRIEN:	5 Q. A	And that does form part of the GRA record.
6 Q. Okay. And would that have any impact on	6 MR. O	
7 Hydro, apart from losing the balance?	7 0. 3	Yes, yeah.
8 MS. LUTZ:	8 MS. GI	•
9 A. Yes, our net income would be affected.	9 O. I	t doesn't need to be entered. It's already
10 MR. O'BRIEN:		part of the GRA.
11 Q. Okay.	11 MR. O	
12 MS. RUSSELL:		Oh, it doesn't? It's already part. Okay,
13 A. Any amounts differing from the amount that w		good.
proposed would impact net income for 2015.	14 MS. GI	
15 MR. O'BRIEN:		We won't enter it as an exhibit, because it's
16 Q. Would that have an effect on Hydro's ability	_	ılready -
to earn a reasonable rate of return in any	17 MR. O	•
future test like in 2016 or anything like		No, that's fine, yeah. I just couldn't see it
19 that?		on the website on Friday.
20 (12:30 p.m.)	20 MS. GI	•
21 MS. RUSSELL:		Absolutely.
22 A. Well, for that particular year, it would	22 MR. O	•
23 impact that year's. It would impact that		So I wasn't sure.
24 year's return.	24 MS. GI	
25 MR. O'BRIEN:		We fixed that.
	2 174	Page 176
1 Q. Okay. And I wonder if I can ask you about the		
2 2015 cost deferral application. Hydro filed,		If we could turn to the evidence portion of
3 I guess, a similar application in 2015	_	hat document? I'm sorry, Ms. Gray, I'm not
following an order on interim rates in July of		sure what page it is, but we're in the
this year. And that application was amended		application there now. Page 16 of the
6 last week? Is that right?		evidence. There you go. Okay. I just want
7 MS. RUSSELL:		o look at the first paragraph there.
8 A. Yes.	8	So this application was filed after
9 MR. O'BRIEN:		nterim rates were received by Hydro earlier
10 Q. Okay. And in terms of that particular		n the year. Is that right?
application, was there an accounting concern -	11 MS. RU	-
12 - the amended, I guess, was there an		Correct.
accounting concern similar to the 2014 year	13 MR. O	
that it had to be booked by the end of the		And the application indicates here, the
15 year or you'd take a loss?	_	evidence indicates "approval of all of Hydro's
16 MS. RUSSELL:		proposals in the 2015 cost deferral
17 A. Correct.	1 -	application would result in a forecast net
18 MR. O'BRIEN:		ncome of 29.7 million in 2015. This net
19 Q. I wonder if we could turn to I think, well		ncome for 2015 would provide a forecast
it's a new document. It's not on the record.		return on rate base of 6.62 percent, which is
21 I think we've provided it, the evidence		at the bottom of the proposed range of return
what's the copy here?		on rate base of 6.2 percent to 7.02 percent in
23 MS. GLYNN:		he 2015 test year. As shown in Table 7,
24 Q. So this is the application that was filed on		approval of a recovery percentage below 100
25 Thursday?		percent would not provide Undre with the

25

percent would not provide Hydro with the

25

Thursday?

Page 177 opportunity to earn a reasonable return on 1 rate base in 2015." And maybe we can scroll 2 up to Table 7? Here it is. Okay. 3 So you presented a number of scenarios 4 5

here about approval of the proposals in this application and I will talk about the proposals a little later, but why is it that Hydro determined it was necessary to receive

100 percent recovery by the end of the year 9

10 here?

6 7

8

11 MS. RUSSELL:

12 A. The basis of this was based on the return on 13 rate base that would occur from the -- so, the 100 percent would give you 6.62, which is at 14 the bottom of the range, and Hydro felt that 15 16 that was a fair amount to put forward in a proposal. 17

18 MR. O'BRIEN:

19 Q. I guess my question is you've got interim rates and the Board has the jurisdiction then 20 to go ahead later on to -- based on its order, 21 to change those rates. Why is it necessary 22 for Hydro to book that 100 percent here? Is 23 it just a matter of accounting and what shows 24 up on the books? 25

contention in terms of what should be in the 1 2 rate base and O&M figures and that sort of

thing and I wonder why it was necessary for 3

Hydro to have that 100 percent recovery? What 4

is the main concern? 5

6 MS. RUSSELL:

A. So I think, as I said, it goes back to the 6.62 which is at the low end of the rate of 8 return on rate base. Hydro feels that, you 9 10 know, it should earn in that -- within the range and that amount gets you to the bottom 11 end of the range. 12

13 MR. O'BRIEN:

Q. Is Hydro concerned it won't have access to 14 funds or to credit agencies, that kind of 15 16 thing? What is the true concern there? Maybe Mr. Pelley, you can answer that? 17

18 MR. PELLEY:

20

21

22

23

24

25

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

A. Yes, I can chime in. And it goes back to a comment I made earlier, and for the purposes of what I'm about to say, let's assume all the costs were reasonable. Hydro has a mandate to provide safe, reliable, least cost power, but Hydro also has to post some kind of profit. You know, that's an expectation. You can't

Page 178

Page 180

Page 179

1 MS. RUSSELL:

A. It has to do with the timing. Like when the first amended -- well, when the first 3 application for the 2015 cost deferral went 4 5 forward, at that point in time we had anticipated that we would have had a final 6 7 order. So any amounts we would know by the end of the year and we wouldn't be in the 8 9 position where we would be crossing over another year end again. So as this hearing 10 has progressed and we've seen it's been a bit 11 longer than anticipated and an order won't be 12 obviously out before the end of the year, we 13 needed to update this application in order to 14 provide a number that would give Hydro an 15 opportunity to earn a reasonable rate of 16 17 return for 2015.

18 MR. O'BRIEN:

19 Q. Okay. But you're really -- the 100 percent recovery is based on all of your proposals 20 being accepted by the Board. Is that right? 21 22 MS. RUSSELL:

A. Correct. 23

24 MR. O'BRIEN:

Q. And again, for 2015 there are issues in

have a situation where the utility is continuing to lose money on a year-over-year basis, because I think as I said before, eventually you erode your equity base and you get to a point where you're a 100 percent debt-financed entity.

And going back to our earlier discussion on the connection between the credit standing of Hydro and the credit standing of the province, that's what happened in New Brunswick in the late '90s. New Brunswick Power ended up through successive losses and taking a significant write-off, ended up 100 percent debt-financed and as a consequence, as I recall, there was a downgrade to the Province of New Brunswick.

So, you know, to address your question, what's Hydro's concern, and it really is earning a reasonable return, again under -putting aside -- under the presumption that those costs -- I'm answering from the perspective that those costs are all considered reasonable, you know. Part of our job as a management team is to earn within that range. Because if we're below that, if

November 16, 2015	Multi-Page ^{1M}	NL Hydro GRA
Pag	ge 181	Page 183
we're below that range, something has to	1 A. Yes.	
change, and if we're above it, it goes back to	2 MR. O'BRIEN:	
3 rate payers. That's the whole premise of that	3 Q from this GRA by	the end of the year?
4 range. So, you know, it does have	4 MS. RUSSELL:	•
5 implications.	5 A. Yes.	
6 MR. O'BRIEN:	6 MR. O'BRIEN:	
7 Q. Is there an immediate concern that if this	7 Q. We were in the mi	ddle of July. There were
8 doesn't get booked in 2015 that Hydro is goin	ng 8 settlement discussion	ons. Are you suggesting
9 to be in a position that NB Power would be?	9 that at that point	in time, Hydro didn't
10 MR. PELLEY:	10 expect a lengthy he	earing?
11 A. No, I would I have to concede that no, it's	11 MS. RUSSELL:	
not I don't think that that's going it's	12 A. I think Hydro at	the point in time we had
going to push us into that position.		you know, the hope was
14 MR. O'BRIEN:		all that, that maybe there
15 Q. No.		a possible to actually
16 MR. PELLEY:	_	end of the year. That was
17 A. But what I'm talking about is looking at	_	now, that was many months
you have to look at it what I will say is		y this application has
it's a wouldn't you agree that it's a step	we've amended it.	
in that direction? You know, you have a	20 MR. O'BRIEN:	
21 utility that's posting losses or profits that	21 Q. And Hydro underst	tood that there was going to
are not within that reasonable range on a	_	as part of this hearing?
year-over-year basis, it is a step in that	23 Is that right?	
24 direction. But I would agree with your	24 MS. RUSSELL:	
assessment that no, it doesn't create an	25 A. Yes.	
	ge 182	Page 184
1 immediate -	1 MR. O'BRIEN:	1 u go 10-1
2 MR. O'BRIEN:	2 Q. Okay. I'm just tryi	ing to get a flavour -
3 Q. There's no urgency here with respect to that?	3 MS. RUSSELL:	
4 MR. PELLEY:		ngth of time yes, there
5 A. Not with respect to the way I just laid things		aring. I'm not sure if the
6 out, no.		on all the dates had been
7 MR. O'BRIEN:		t the point in time, back
8 Q. No. And in terms of the timing of the	-	what we had anticipated
9 application, the initial application for 2015	_	haps we could get an order
10 cost recovery came right on the heels of the		rear and then as we went
interim rates order. Is that fair?		that that wasn't going to
12 MS. RUSSELL:	_	nended the application.
13 A. The initial cost recovery?	13 MR. O'BRIEN:	or of the second
14 MR. O'BRIEN:		realize that? How long into
15 Q. Yes. Wasn't much longer after?	-	ou when you realized that?
16 MS. RUSSELL:	16 MS. RUSSELL:	
17 A. Subject to check, yes.		xact, and the point in
18 MR. O'BRIEN:		te it and then the amount
19 Q. Okay. Initial one was in July of 2015.	_	into pulling together the
20 MS. RUSSELL:		doesn't happen
21 A. Yes.	21 instantaneously.	
22 MR. O'BRIEN:	22 MR. O'BRIEN:	
A A A A A A A A A A A A A A A A A A A	ZZ WIK. O BRIDIN.	2015 4 4 4 1

24

25

Q. In terms of the 2015, that particular

application, the accounting concern, again I take it would that be passed over into -- the

expect to have an order -

23

24

25 MS. RUSSELL:

Q. At that time, did Hydro understand that -- or

November 16, 2015	Multi-Page ^{IM}	NL Hydro GRA
	Page 185	Page 187
1 2015 loss is passed over into 2016, a	-	of page five, I just want
booked in 2016?		cation. "The adjustment to
3 MS. RUSSELL:		ent to reflect a lower opening
4 A. When the order -	-	se for 2015 test year is
5 MR. O'BRIEN:		e assets were not in service
6 Q. If there's a 2015 loss?	6 at the end of the 2	014. However, this rate
7 MS. RUSSELL:		s appropriate for the 2015
8 A. When you get the final order from the		and not for the purpose of
9 2014 and '15 -	_	ue requirement for 2016." So
10 MR. O'BRIEN:		up a bit, we can see a
11 Q. Both would be booked?		's a rate base adjustment
12 MS. RUSSELL:		llars. That adjustment,
13 A I would anticipate all of those adjust		rgely to the CT or is it
any adjustments would be made in 201		ate base adjustments?
15 MR. O'BRIEN:	15 (12:45 p.m.)	
Q. Okay. So if both 2014 and 2015 result		
the Board's order results in a reduction		t the CT. It is the
the revenue requirement for both, Hydr		e CT, but then it would be
book all of that loss in 2016?	,	hat was not in service at
20 MS. RUSSELL:	20 the end of 2014.	
21 A. I believe, yes.	21 MR. O'BRIEN:	
22 MR. O'BRIEN:		suggestion that Hydro be
23 Q. And would that have an effect on the		n, I guess, the CT for 2016,
for 2016, the ability to earn a return?	_	ljustments, and are there
25 MS. RUSSELL:		as well other assets that
	Page 186	Page 188
1 A. Yes, it would. Any adjustments to	_	t to earn on in 2016?
there's any downward adjustments to	•	10 Carr on in 2010.
been proposed, then that will absolu		the only adjustment is
impact the 2016 return.	-	ts that make up this five
5 MR. PELLEY:	5 million dollar amo	_
6 A. At which point you'd be looking at w		
7 would view as potentially a signific		
8 adverse write-off that impacts net incor	_	
9 single year. And then again, going ba		s of the cost deferral, they
that construct that rating agencies use		e for 2015, so we believe,
look at a utility and whether or not it		es sense to reduce to take
self-supporting, at that point you'll hav		deferral, but they are in
deferrals that are on the balance sheet		ple, is in service now and
three years, some of which end up ge		rity of those other assets
write off and speaks to potential regula	S S	ce by the end of the year.
risks that Hydro faces. As well, at the		o set rates for 2016, that
point, it could be a significant financi	_	n out because those assets
impact. So while we can't say with cer		
it would have an impact on that relatio		
20 between the province, the province	_	asis for doing that? They
21 creditworthiness and Hydro's, can't sa		ded in the rate base for
22 any certainty that it couldn't either.		on a normal regulatory if
22 MD CURRIEN	· · · · · · · · · · · · · · · · · · ·	is at the hasinning of the

24

25

they're not in service at the beginning of the

year, they wouldn't -- they're not included in

the test year, are they?

Q. I wonder if we could -- just on a couple of

the points in this application, if we could

23 MR. O'BRIEN:

24

25

November 16, 2015 Mul	lti-Page [™] NL Hydro GRA
Page 18	
1 MS. RUSSELL:	1 Q. Okay. Hydro doesn't intend to file a 2016
2 A. If they're not in service -	2 test year, I take it?
3 MR. O'BRIEN:	3 MS. RUSSELL:
4 Q. Right.	4 A. No.
5 MS. RUSSELL:	5 MR. O'BRIEN:
6 A. Can you repeat your question? If they're not	6 Q. And do you intend to present any evidence to
7 -	7 say this proposed approach is consistent with
8 MR. O'BRIEN:	8 regulatory practice?
9 Q. If there's an asset like the CT that's not in	9 MS. RUSSELL:
service for 2015 and 2015 is your test year,	10 A. This application?
11 you wouldn't include the full asset in your	11 MR. O'BRIEN:
rate base, would you?	12 Q. Uh-hm.
13 MS. RUSSELL:	13 MS. RUSSELL:
14 A. Correct, it's not it and for 2015 we're saying	14 A. Well we can undertake or I know this -
for that portion of 2015, to remove those.	15 MR. O'BRIEN:
16 MR. O'BRIEN:	16 Q. Oh no, I'm not asking for an undertaking, I'm
17 Q. Right.	just asking whether or not that's an
18 MS. RUSSELL:	18 intention.
19 A. To remove that out of the cost deferral, but	19 MS. RUSSELL:
where rates have not been set, where the order	20 A. If that's a?
is still pending and we're going forward where	21 MR. O'BRIEN:
the rates will be in 2016, these will be in	22 Q. An intention on Hydro's part.
23 service then.	23 MS. RUSSELL:
24 MR. O'BRIEN:	24 A. To provide?
25 Q. What's the basis then for putting them into	25 MR. O'BRIEN:
Page 19	0 Page 192
the rates in 2016 if they're not in the test	1 Q. Expert evidence.
2 year that sets the rates for 2016?	2 MS. RUSSELL:
3 MS. RUSSELL:	3 A. On this?
4 A. They were in the test year for 2015 originally	4 MR. O'BRIEN:
5 and where we're doingand I think this has to	5 Q. Yeah.
do with the length of time and where we're	6 MS. RUSSELL:
7 going over into, that the rates aren't	7 A. So we filed this application and it would be
8 actually going to be in place until 2016, so	8 subject to RFIs and reviews and so if anybody
9 when we're looking back atand you have the	9 had, that's a question, you know, we can
benefit of going back now on 2015, those	10 answer it through the RFI process or -
amounts weren't in service, so it is just	11 MR. O'BRIEN:
those particular assets, so we felt it was an	12 Q. Okay, well what's the process that you
adjustment to 2015, but should be left in as	13 envisioned to happen in this particular
they are in the test year forso we're only	14 application? Do you envision a complete
asking for an adjustment on the cost deferral,	reassessment of 2015 costs or what is it you
not to actually take it out of the test year	16 envision in terms of this application?
17 for setting rates.	17 MS. RUSSELL:
18 MR. O'BRIEN:	A. Well I wouldn't be able to speak to what the
19 Q. Is that normaldo you know if that's normal	19 actual process will be, I guess that would be
20 regulatory process to set a test year like	20 up to the Board.
21 that?	21 MR. O'BRIEN:
22 MS. RUSSELL: 23 A. I would have to check that with Mrwe'll	Q. Okay, because I guess as part of this process we're testing 2015 costs. You don't
have to discuss that with Mr. Fagan.	
25 MR. O'BRIEN:	25 cost recover application is going to involve

November 16, 2015	Multi-Page [™] NL Hydro GRA
Page	Page 195
retesting of 2015 costs, I take it?	1 MS. LUTZ:
2 MS. RUSSELL:	2 A. Right now, because we haven't, we don't have a
3 A. No.	final order on 2015, we are still using the
4 MR. O'BRIEN:	4 2007 cost of service estimates in the RSP.
5 Q. So are you, is it part of Hydro's	5 MR. O'BRIEN:
6 understanding that the costs tested in this	6 Q. Right.
7 particular application will be used then for	7 MS. LUTZ:
8 that further application?	8 A. So unless we do have some kind of an order, as
9 MS. RUSSELL:	9 we've outlined here, the balances that are
10 A. Yes, for this one?	accruing in the RSP are different because the
11 MR. O'BRIEN:	bases are different, it's not the 2015 base,
12 Q. Yes.	so if you do the comparison between what the
13 MS. RUSSELL:	2007 date, the balance in the RSP is based on
14 A. Yes.	the 2007 inputs versus the 2015. You get a
15 MR. O'BRIEN:	different balance and therefore, there is a
Q. Would there be another process above and	different amount of interest that accrues in
beyond this GRA, following the GRA to deal	17 the RSP.
with the 2015 revenue recovery request?	18 MR. O'BRIEN:
19 MS. RUSSELL:	19 Q. So this particular interest accrual relates to
20 A. To deal with their recovery of this?	balances in the RSP, would they normally be
21 MR. O'BRIEN:	dealt with in the confines of the RSP rules,
22 Q. Yeah.	interest?
23 MS. RUSSELL:	23 MS. LUTZ:
24 A. Yes, it could also form part of the Board's	24 A. Yes, that's correct, so it's the normal
25 final order on Hydro's GRA.	interest that accrues in the RSP based on the
Page	Page 196
1 MR. O'BRIEN:	balances that are outstanding and the balances
2 Q. How would it form part of the final order?	that are outstanding are determined in
3 MS. RUSSELL:	3 comparison, the actual results or forecast
4 A. Or it could be a separate order on this	4 results in comparison to the base which right
5 application.	5 now is the 2007 base.
6 MR. O'BRIEN:	6 MR. O'BRIEN:
7 Q. Yeah, if you're envisioning RFIs and that sort	7 Q. And this amount here that's accruing, the 7.6
8 of thing.	8 million, that's not an interest that's
9 MS. RUSSELL:	9 included in any of the calculations for the, I
10 A. Yes, and then we could, you know, depending of	on 10 guess the calculation of interest within the
what happens for the recovery would be dealt	rate base calculation?
with then afterwards.	12 MS. LUTZ:
13 MR. O'BRIEN:	13 A. No, this is within the RSP.
14 Q. I wonder if we could turn to page 6 there?	14 MR. O'BRIEN:
This is sort of the last area I wanted to ask	15 Q. This is separate and apart.
on this application for now. The interest on	16 MS. LUTZ:
the RSP, so it's page 6 and if you scroll	17 A. Yes.
downsorry, scroll up a bit, middle of the	18 MR. O'BRIEN:
19 first paragraph, under the RSP test year.	19 Q. So it's not something in the test year, in
Just explain to me what's being requested here	20 either test year, it's apart from the RSP
in terms of the interest request for the RSP?	21 rules?
22 MS. LUTZ:	22 MS. LUTZ:
23 A. I think I could probably help now.	23 A. No, it's part of the RSP rules.
24 MR. O'BRIEN:	24 MR. O'BRIEN:
25 Q. Okay, thank you.	25 Q. Okay. And that would be dealt with as part of

November 16, 2015	Multi-P	age TM	NL Hydro GRA
	Page 197		Page 199
the RSP rules, no matter what happened year, wouldn't it?	_		nundred and six. I did some of my own lations, but it looks to be about 8.8,
3 MS. LUTZ:	3	s close	e to 9 million dollar difference over that
4 A. So right now ifbecause until we get a	final 4	perio	od, is that fair?
5 order on 2015, we can't establish 2015	as the 5	MS. LUTZ:	
6 cost of service base in the RSP, so right i	now 6	A. 2013	3 you said?
7 we're still using 2007.	7	MR. O'BRI	EN:
8 MR. O'BRIEN:	8	Q. No,	the 2012.
9 Q. No, I understand that, I'm just, in terms	s of 9	MS. LUTZ:	
the RSP itself, though, it has certain rule	es 10	A. Oh,	sorry. Yes.
that will deal with how that interest bala	ince 11	MR. O'BRI	EN:
gets dealt with, is that right?	12	Q. Oka	y. So over that six-year period would you
13 MS. LUTZ:	13	take	it, subject to check, that that's about a
14 A. That's true, but in this particular case he	ere, 14	9 per	cent increase in that period?
unless we deal with this particular fact t	hat 15	MS. LUTZ:	
for 2015 reporting, we have to use the	2007	A. Oka	y, subject to check, yeah.
base unless we get relief in this applicat	ion- 17	MR. O'BRI	EN:
-from this application.	18	Q. Well	if we go to, between 2012 and 2013, so
19 MR. O'BRIEN:	19	we'v	re got 106 million up to 111, so we're into
20 Q. Would you have to amend the RSP rules	s to do 20	the 5	million dollar range, 5.3 million dollar
21 that?	21	rang	e, would it take it, subject to check,
22 MS. LUTZ:	22	that	that's about 5 percent on a year over
23 A. No, because once the 2015 year, which	is the 23	year	basis?
test year, is approved, then the 2007 ba	se 24	MS. LUTZ:	
sorry, the 2015 base will be used in the	RSP. 25	A. Oka	у.
	Page 198		Page 200
1 MR. O'BRIEN:	-	MR. O'BRI	EN:
2 Q. Okay, so that would go back into 2013	5 and 2	Q. Does	s that sound like a reasonable increase in
you'd get a recovery in 2015.	3	a one	e year, given what the increases were
4 MS. LUTZ:	4		, 9 percent over 6 years?
5 A. So essentially if, let's just say we had a	an 5	MS. RUSSI	ELL:
6 order today, we would re-run the RSP as		A. For t	he?
7 had been using 2015 all year, so it's a ti		MR. O'BRI	EN:
8 issue, essentially.	8	Q. 2013	3 to 2013, a 5 percent increase, total
9 MR. O'BRIEN:	9		ating expenses.
10 Q. Okay, I wonder if we could turn to the	total 10	MS. RUSSI	ELL:
operating costs, let's have a look atcar		A. Righ	t, so in our evidence, like Hydro has put
bring up NP-NLH-307, attachment 1, pag		•	ard the operating costs and explained
And Ms. Gray, I'll be looking at Under			ighout the drivers that were driving those
55 as well, as we go through, but let's st	-		ges and the operations' panel has, I
with this one here. So if we can have a			x, explained a lot of the larger
at line 36 here, the total operating costs			inces, like that have been driving those
type. So these are the figures that the	-		M costs.
finance panel has sponsored, I take it, in		MR. O'BRI	
context of this GRA, is that right?	19	Q. But	is this something that the finance group
20 MS. LUTZ:	20		the CFO and yourself would be considering
21 A. That's correct.	21		n annual basis, increases in operating

24

25

expenses?

one of the indicators.

A. Yes, they would be looked at, as we said, it's

23 MS. RUSSELL:

Q. The total operating expenses, going across

line 36, if we look at 2007, the ninety-seven

million and change and going across to 2012,

22 MR. O'BRIEN:

23 24

25

November 16, 2015	Multi-Page TM	NL Hydro GRA
	e 201	Page 203
1 MR. O'BRIEN:	1 when the nu	mbers were compiled.
2 Q. Okay, and would that raise a concern, a 5	2 MR. O'BRIEN:	
3 percent increase on a year over year basis,	3 Q. And were th	ere discussions about how can we be
4 given in the previous 6 years there was a 9	4 more efficie	nt with operating costs?
5 percent increase in total?	5 MS. RUSSELL:	
6 MS. RUSSELL:	6 A. Yes, there w	vere discussions about that. There
7 A. For the test year?	7 were also d	iscussions about the items that
8 MR. O'BRIEN:	8 were driving	the increases, the aging assets
9 Q. No, no, in 2012 to 2013, there's a 5 percent	9 increased an	d increasing some of the workforce
increase and there was a 9 percent increase	10 to deal with	some of those work plans, and
between 2007 and 2012.	11 again operat	ions would have explained what the
12 MS. RUSSELL:	12 drivers were	and in HR as well, the HR panel
13 A. So management would have looked at what t	he 13 for the salar	y piece of that.
drivers were for those, for those cost	14 MR. O'BRIEN:	
increases.	15 Q. Okay, and I	understand that there would have
16 MR. O'BRIEN:	16 been discuss	sions about what's driving it, I'm
17 Q. Okay. And I understand you probably would	't 17 wondering v	whether there was discussions about
have been involved in any discussions back in	the fact that	there's a 13 percent increase
19 2012 on that. If we go from 2013 forward,	19 here that we	're going to be asking to pass on
though, 2013 we have 111 million there. 2013	20 to rate payer	rs, what are we going to do going
to the 2014 test year, that's 126, we've got a	21 forward in o	rder to make sure we're efficient?
22 14.3 million dollar increase there or about 13	22 (1:00 p.m.)	
percent, would you take that subject to check?	23 MS. RUSSELL:	
24 MS. RUSSELL:	24 A. So all those	costs were felt to be reasonable
25 A. Which years again?	25 and prudent	in providing electricity service
Pag	202	Page 204
1 MR. O'BRIEN:		s and that's why they were put
2 Q. From 2013 to the test year, 2014.	2 forward.	
3 MS. RUSSELL:	3 MR. O'BRIEN:	
4 A. Okay.	4 Q. So you felt	that that was a reasonable,
5 MR. O'BRIEN:	· · · · · · · · · · · · · · · · · · ·	reasonable cost to put forward, a
6 Q. So in terms of preparation of the amended GR.		group of costs.
you're looking at a 13 percent increase in	7 MS. RUSSELL:	•
8 total operating costs. Was that something	8 A. Correct.	
9 discussed as being a reasonable increase to	9 MR. O'BRIEN:	
pass on to rate payers?	10 Q. That figure,	13 percent was based on the 2014
11 MS. RUSSELL:	11 test year, bu	t your actuals for 2014 weren't
12 A. It would have been discussed in terms of what	12 at, for total of	operating, were actually higher,
the costs were that were driving the numbers	is that right,	a fair bit higher?
to increase with respect to providing the	14 MS. RUSSELL:	
service to customers.	15 A. Yes.	
16 MR. O'BRIEN:	16 MS. LUTZ:	
17 Q. And do you recall any specific discussions	17 A. Yes.	
about that, about this size of an increase and	18 MS. RUSSELL:	
19 how to deal with it?	19 A. Yes, Ms. Li	atz probably has the details on
20 MS. RUSSELL:	20 that.	
21 A. 2013 to -	21 MR. O'BRIEN:	
22 MR. O'BRIEN:	22 Q. And we actu	ally compared the 2013 to the 2014
23 Q. 2013 to 2014 test year.	23 actuals, the	ere's a 20 million dollar
A MG DUGGELI	24 difference 41	ana 111 to 122 vya'na la alrina at

25

difference there, 111 to 132, we're looking at

now, subject to check, about 18 percent in the

A. 2013 to 2014. There were discussions, yes,

24 MS. RUSSELL:

November 16, 2015	Multi-Page ^{1M}	NL Hydro GRA
Page	205	Page 207
1 difference.	1 MR. O'BRIEN:	
2 MS. LUTZ:	2 Q. Okay, so those appear to n	ne and you can look
3 A. Yes.	down through the figures,	but those appear to
4 MR. O'BRIEN:	4 me to be the main drivers	in the difference
5 Q. Is Hydro satisfied that that's an example of	5 between or the big drivers	s between operating
6 reasonable cost control from 2013 to 2014?	6 expenses from 2013 to 201	14, is that fair?
7 MS. RUSSELL:	7 MS. LUTZ:	
8 A. For the actuals.	8 A. And professional services	as well.
9 MR. O'BRIEN:	9 MR. O'BRIEN:	
10 Q. For the actuals.	10 Q. And professional services	s, okay, we can
11 MS. RUSSELL:	11 through that in there too,	so professional
12 A. So the actuals are higher than the test year.	services, line 20, and that	goes from 5 to 12,
The test year we're not adjusting to the	so those are the three big	pieces of that
actuals and so we're not adjusting the test	14 puzzle. How much of that	is related to outage
15 year back to the actuals.	and repair requirements	due tosorry,
16 MR. O'BRIEN:	bringing up to speed preve	entative maintenance
17 Q. No, I understand that. My question is more	and that sort of thing, how	w much of all of
focussed on cost control and steps towards	that is related to, I guess th	ne 2014 outages,
19 cost control. Is Hydro satisfied that an	directly or indirectly.	
increase in 18 percent from actual 2013 to	20 MS. LUTZ:	
21 actual 2014 is an example of reasonable cost	21 A. So I think I mentioned ear	lier and I would get
control for the total operating cost.	to check on the overtime,	we do have RFIs that
23 MS. RUSSELL:	23 explain those cost categori	les. I believe also
24 A. So I think we provided in the undertaking the	there was some activity rel	lated to maintenance
variance explanations for the actual to the	25 backlog reductions that dr	rove some of those
Page	206	Page 208
test year, so that would explain the reasons	1 costs.	•
that were driving the actual cost up and above	2 MR. O'BRIEN:	
3 for those items.	3 Q. Right, yes. And I think the	hat that's fair,
4 MR. O'BRIEN:	4 there's some RFIs that deal	with that and also
5 Q. So you're satisfied that that is an example of	5 with the professional servi	ces. Would that,
6 reasonable cost control in that period.	6 to you, put 2014 as an ou	tlier in terms of
7 MS. RUSSELL:	7 actuals?	
8 A. That is what the costs were for that period	8 MS. RUSSELL:	
9 and we've provided the variance explanations	9 A. From the actuals' perspect	ive?
for them.	10 MR. O'BRIEN:	
11 MR. O'BRIEN:	11 Q. Yeah.	
12 Q. If we look at the 2013, 2014 test year, the	12 MS. RUSSELL:	
overtime, if we could scroll over, Ms. Gray,	13 A. There were some items in	
to the left of it. So line 5, it looks like	example, the professional	
there's about a 4, 4.4 million dollar increase	lot higher due to the outag	
in overtime in that period, in the actuals.	length of time and the hear	_
And the system equipment maintenance, line 1		_
seems like there's about a 6 million dollar	the professional services	side, as an
increase, is that fair?	19 example.	
20 MS. LUTZ:	20 MR. O'BRIEN:	
21 A. 14 actual you're looking at?	Q. I guess my question is mo	
22 MR. O'BRIEN:	that 2014, which has those	•
23 Q. Yes.	areas as being the big piec	
24 MS. LUTZ:	have those particular areas	
25 A. Yeah.	25 operating expenses increas	se going forward, or

Multi-Page TM November 16, 2015 NL Hydro GRA Page 209 Page 211 would you expect the 2014, the actuals, to be 1 1 MR. O'BRIEN: 2 an outlier. Q. With the O&M, yeah. 3 MS. RUSSELL: 3 MS. RUSSELL: A. So 2015, I think 2015 is the year we're A. So we looked at the reason, and that's part of putting forward for rates. the reason for the amendments, like as we 5 5 talked about the 2013 because the costs were, 6 MR. O'BRIEN: 6 Q. No, I understand, yeah. there were changes within the organization 7 that were creating costs that were higher than 8 MS. RUSSELL: 8 the 2013 test year, which is why, if rates had A. So I think there were certain things probably 9 been set on 2013, they would not have been and again I think the operations' panel would 10 10 have to--or has explained like the variances able to cover the costs that were forecasted 11 11 or nuances that occurred in 2014 for the 12 12 for 2015. costs, but from the perspective of going 13 MR. O'BRIEN: 13 forward, we have put forward the 2015 test 14 14 Q. Okay. year for setting rates and the 2014 is a cost 15 MS. RUSSELL: 15 16 recovery. A. And again, the discussion of those costs, I think has been discussed with Mr. Henderson 17 MR. O'BRIEN: 17 and his operations' panel as to why, what was 18 Q. Well let's look at the 2015, the 2014, if we 18 went from 2014 test year to the 2015 test driving the increases in the O&M. 19 19 year, that was in the last two lines, you're 20 MR. O'BRIEN: 20 126 to 138, so when you put together the rate Q. And your recollections as to what was driving 21 21 case and put together these two test years, 22 22 the increase in O&M had to do with the you saw a 12 million dollar increase, is that Holyrood conversion factor was it or Holyrood 23 23 fair? About a 10 percent increase from 2014 efficiencies? 24 test year to 2015 test year. 25 25 MS. RUSSELL: Page 210 Page 212 A. Well there's different, this is just the O&M 1 MS. RUSSELL: 1 A. Yeah. 2 line here, right. 2 3 MR. O'BRIEN: 3 MR. O'BRIEN: Q. Okay, well what are your recollections as to Q. Was that a concern at the time that this may the concern raised when you were filing for 5 not be reasonable, a 10 percent increase on a 5 year over year basis? 2015? 6 6 7 MS. RUSSELL: 7 MS. RUSSELL: A. Well the costs were reasonable from the A. That was part of it, the Holyrood CT and then 8 perspective of what went into the cost and the there were some workforce adjustments that 9 9 were required, which I believe Mr. Henderson cost of providing--that was the cost of 10 10 providing the level of service to customers. 11 11 discussed as well. 12 MR. O'BRIEN: 12 MR. O'BRIEN: 13 Q. Okay, well I guess my question is is when 13 Q. That would have been at Mr. Henderson's level 14

you're looking at this filing and you've got 14 2014 and 2015, you're looking at a significant 15 increase from 2013 to 2014 and now you're 16 looking at this filing and you're seeing, at 17 least on the test year basis another 10 18 19 percent on a year over year basis that we're asking to pass on to customers, did you look 20 at whether or not there was some productivity 21

22 efficiencies or something we could bill into

23 2015 so it's not such a big increase?

24 MS. RUSSELL:

5 A. So 10 percent with respect to the O&M.

Q. That would have been at Mr. Henderson's level then, would it, in terms of the workforce requirements? Do you recall any discussions as to what that involved?

MS. RUSSELL:

A. I wouldn't be able to specifically, I believe

18 A. I wouldn't be able to specifically, I believe 19 him and his panel would have testified to

20 those -

21 MR. O'BRIEN:

Q. Okay. I wonder if we could go to Undertaking 55, sorry, just before we leave that one, just to get the figure. The operating for the test year 2015, we have 138,179. I believe it's in

November 16, 2015	Multi	-Pa	Page M N	L Hydro GRA
	Page 213			Page 215
1 Undertaking 55	5 as well. If we pull up	1	1 Q. No, I understand that, but I guess I	Mr.
	, this is a recent document we	2		
1	s 2015 forecast and if we	3	3 MS. RUSSELL:	
1	ofpage 1 of attachment 2,	4	4 A. We can undertake to ask him, but he	is the
	e are some recenta recent	5		
1	eived from Hydro, last week,	6		
•	sed on actuals to August, 2015,	7		=
8 is that right?	sea on actuals to Hagast, 2015,		8 MR. O'BRIEN:	
9 MS. RUSSELL:		9		oing the
10 A. Correct.		10		
11 MR. O'BRIEN:		11		
	nd August or month-end July?	12		at 01
13 MS. LUTZ:	nd ragust of month end sury.		3 MS. RUSSELL:	
14 A. Month-end Aug	niet	14		provida
15 MS. RUSSELL:	gust.	15		=
16 A. Month-end Aug	met	16		-
17 MR. O'BRIEN:	gust.	17	•	
	gust, okay. And there's some	18		actuarry
	re, in terms of expenses and	1	9 MR. O'BRIEN:	
_	actual 2015 test year. The	20		
	nses, net operating expenses are	1	1 Ms. RUSSELL:	
	to the test year had in 138.2	22		
	e forecasting 144.2. I wonder	23	•	-
-	an tell me, are you satisfied	1		
•	been managing its operation	24 25	•	
23 that Trydro has		23	it's ultimatery his responsibility to dec	
10.1.0015	Page 214			Page 216
•	test year was at 138, which	1	whether or not an expenditure gets	made.
_	ly higher than the previous		2 MR. O'BRIEN:	
· · · · · · · · · · · · · · · · · · ·	it's going up to 144. What	3		
4 thoughts do you	a have on that?	4	, 2	
5 MS. RUSSELL:		5	•	•
	sted amounts, those amounts	6	, ,	
	the actuals to August and	7	e ,	
T	recast for the last remaining	8	,	-
I .	year and any adjustments to	9	· · · · · · · · · · · · · · · · · · ·	hat regard?
I .	erson would have approved, had	10	0 MS. RUSSELL:	
•	have had to go through, and	11		
I	ations' panel would be the ones	12	2 MR. O'BRIEN:	
	ncreases that were over or the	13	•	
reasons for the i	increases over.	14	1 & 1	ompared to
15 MR. O'BRIEN:		15	3	
· ·	comment on whether or not this	16	6 MS. RUSSELL:	
I .	reasonable cost management	17		
18 for 2015?		18	1	
19 MS. RUSSELL:		19	•	
	the costs that have beenthese	20		
•	that have been approved and	21	E .	•
I .	ave the explanations beside	22	1 5	
_	the reasons for the variances,	23		-
behind.		24		
25 MR. O'BRIEN:		25	or not you are going to be on trac	k. You

Page 217 Page 219 increasing and I know there's an explanation would have to look at the forecast, which we 1 1 2 do quarterly, and again, we do have quarterly 2 on that. Maybe we can scroll down to Note 2, meetings on the forecast where we would roll increase of benefit expense of 1.1 million and 3 3 the actuals and the remaining forecast an increase of .7 million associated with the 4 4 together and have the meetings and then new union agreement. The increase in benefit 5 5 discuss whether or not the managers were on expense of 1.1, what's that related to? 6 6 track for that or if they were over or under 7 MS. RUSSELL: 7 and then they would have to provide--they 8 A. That's related to the, I'll let would have to provide any adjustments if they 9 9 MS. LUTZ: 10 wanted any and they would have to be approved. 10 A. The employee future benefit expense, which comes from our actuary report. 11 MR. O'BRIEN: 11 Q. Let me ask you for 2015 then, what would your 12 MR. O'BRIEN: 12 budget have been based on for 2015, for 13 Q. Okay. If we could go back then to the operating? Would it have been based on the previous page, I take it in terms of the cost 14 14 recovery application for 2015, Hydro is not test year? 15 15 16 MS. RUSSELL: 16 intending to request a change in the revenue requirement to reflect actuals for 2015? A. The test year. 17 17 18 MS. RUSSELL: 18 MR. O'BRIEN: Q. It would have, okay, so you would have had A. No. that as your baseline going forward. 20 20 MR. O'BRIEN: Q. Not for operating. So you're sticking with 21 MS. RUSSELL: 21 22 A. Yes. 22 the 2015 test year. 23 MS. RUSSELL: 23 MR. O'BRIEN: Q. And we know that by August you're forecasting A. Yes. 24 an increase from 138 million to 144, which is 25 25 MR. O'BRIEN: Page 218 Page 220 another, you can take it subject to check, Q. Okay. And Hydro doesn't have a detailed 2016 1 1 almost 9 percent in that area, is that fair? forecast on the record, does it? 2 2 3 MS. RUSSELL: 3 MS. RUSSELL: A. Subject to check. A. The 2016 budget is currently being finalized 4 5 MR. O'BRIEN: 5 and once that is finalized, it will be provided. Q. Okay, so you know that there's an increase in 6 that period. What discussions did you have 7 MR. O'BRIEN: 7 about how are we going to manage those costs? 8 Q. And that budget, is that geared towards the 2015 test year? 9 MS. RUSSELL: 9 10 MS. RUSSELL: A. So there were discussions, like in the 10 meetings that Mr. Henderson had, there would 11 11 A. It will be--it's not finalized it, so I can't have been discussions with any managers for comment on any of the numbers because we are 12 12 the costs that were, why the cost of certain finalyzing it, but it should be done within 13 13 ones were increasing. For example, one is the next couple of weeks, I would think. 14 14 professional services and one of the main 15 15 MR. O'BRIEN: drivers of that is the costs associated with Q. I wonder if we could bring up NP-NLH-20, 16 16 the outage inquiry and the PUB costs, the GRA Revision 1. And I understand, if we could go 17 17 costs, that's just one that I to--sorry, attachment 1, widen it out a little 18 18 19 MR. O'BRIEN: 19 bit so we can see. I understand that 2016 and 2017 figures here in this document are sort of Q. Okay, and we see a difference there of between 20 20 high level figures based on long-term--maybe 9.5 and 11.9. 21 21 we can go back to page 1 there for a second. 22 MS. RUSSELL: 22 Long-term financial planning used at that A. Correct. 23 23

24

25

is that fair?

point, so it's not a detailed level forecast,

Q. All right. We see salaries and benefits

24 MR. O'BRIEN:

November 16, 2015	Multi-Pa	age NL Hydro GRA
	Page 221	Page 223
1 MS. RUSSELL:	1	that we provided.
2 A. Correct.	2	MR. O'BRIEN:
3 MR. O'BRIEN:	3	Q. Got the cross-examination documents here,
4 Q. Okay, and if we go back then to page one	e here, 4	Jenny? Here it is, okay. I just wanted to
5 the expenses, the operating expenses here		
6 2016 at 140.8 and 2017 at 144.0, is it fair		
7 say that that 140.8 is not going to be		
8 accurate, not likely to be accurate?	8	
9 MS. RUSSELL:	9	1
10 A. Just one second. The 140? No, that's i		
11 fair to say.	11	
12 MR. O'BRIEN:	12	·
13 Q. It's not fair to say that?	13	
14 MS. RUSSELL:	14	. I [
15 A. That that number isn't accurate or is		
16 accurate?	16	•
17 MR. O'BRIEN:	17	
18 Q. I guess, maybe I'll rephrase the question.		
19 MS. RUSSELL:	19	_
20 A. This was done awhile ago.	20	
20 A. This was done awhite ago. 21 MR. O'BRIEN:	20 21	· · · · · · · · · · · · · · · · · · ·
22 Q. Yes, so right now you're forecasting 144		
23 the end of 2015, so 2016, if you're going		
		-
based that on 2015, is it forecast to 2015		MS. RUSSELL:
25 the actuals of 2015 that you would com		
	Page 222	Page 224
1 with 2016's?	1	end of November, we can provide that, yes.
2 MS. RUSSELL:	2	MR. O'BRIEN:
3 A. 2016 we will go through, we will go thr	rough 3	Q. Okay, all right, great, thank you. So that
4 the 2015 and we will look at that, the ter	st 4	would be the budget for 2016 or forecast for
5 year, and come up with the operating, the	e O&M 5	2016?
6 number for that.	6	MS. RUSSELL:
7 MR. O'BRIEN:	7	A. No, the budget.
8 Q. Okay. Is it more likely it will look like the	he 8	MR. O'BRIEN:
9 2015 actuals than the 2015 -	9	Q. Budget, okay.
10 MS. RUSSELL:	10	MS. GLYNN:
11 A. No, I would not say that.	11	Q. It's an undertaking noted on the record.
12 MR. O'BRIEN:	12	MR. O'BRIEN:
13 Q. No? Okay. There was a letter, I wonder	if we	Q. All right. I wonder if we could go back to
could pull up, there's a letter we provide	ed 14	Mr. Chair, I'm starting to get into another
15 for an Information.	15	line of questioning here, I wonder if it might
16 MS. GLYNN:	16	be a good idea to stop for today.
17 Q. Information No. 45.	17	CHAIRMAN:
18 MR. O'BRIEN:		Q. Great idea.
19 Q. Okay, thank you. And this is a letter from	om 19	MR. O'BRIEN:
20 Mr. Young to the Board, September 4th l	letter. 20	Q. Great idea, thank you.
I just wanted to get some clarification, m	ore 21	Upon conclusion at 1:24 p.m.
than anything, on that. Is that there? I'm	n	
23 sorry.		
24 MR. HAYES:		
25 Q. It's part of the cross-examination docum	nents	
	1	

Page 225	
1 CERTIFICATE	
2 I, Judy Moss, hereby certify that the foregoing is a true	
3 and correct transcript of a hearing in the matter of	
4 Newfoundland and Labrador Hydro's General Rate	
5 Application heard on the 16th day of November, A.D., 2015	
6 before the Commissioners of the Public Utilities Board,	
7 St. John's, Newfoundland and Labrador and was transcribed	
8 by me to the best of my ability by means of a sound	
9 apparatus.	
10 Dated at St. John's, Newfoundland and Labrador	
11 this 16th day of November, A.D., 2015	
12 Judy Moss	

-\$-**\$15.53** [1] 142:10 **\$18.09** [1] 142:10 **\$500,000** [1] 5:20 -&-**&** [13] 112:18,24 114:4 118:11 123:23 124:9 128:25 129:10 135:15 137:3 140:18 142:6,14 _'-**14** [3] 31:11 53:11 155:24 **15** [6] 53:11 54:7,15 155:24 166:2 185:9 **16** [4] 53:13,14 54:8,15 **'90s**[1] 180:11 ---**-from** [1] 197:18 **.2** [1] 155:22 **.3** [1] 155:23 **.7** [1] 219:4 -0-**097** [1] 18:8 -1-**1** [11] 21:3 125:19 133:11 152:11,14,16 198:12 213:4 220:17,18,22 **1.1** [2] 219:3,6 **1/2** [2] 133:12,14 **10** [7] 152:20,20 155:8 209:24 210:5,18,25 **10/12** [1] 101:13 **100** [11] 11:10 94:9 104:16 176:24 177:9,14 177:23 178:19 179:4 180:5,13 **101** [1] 34:20 **101-11** [1] 34:22 106 [1] 199:19 **10:00** [1] 56:21 **10:15** [1] 72:16 **10:30** [1] 89:14 **10:45** [1] 102:14 **10:59** [1] 117:3 10th [1] 223:7 **11** m 206:17 **11.9** [1] 218:21

110 m 6:4

204:24

111 [3] 199:19 201:20

11:36 [1] 117:5

11:45 [1] 128:11 **12** [6] 86:13 153:3 154:5 154:15 207:12 209:23 **12.2** [1] 152:21 **12.7** [2] 7:22 8:5 **126** [2] 201:21 209:21 **12:00** [1] 143:3 **12:15** [1] 157:24 **12:30** [1] 173:20 **12:45** [1] 187:15 **12th** [1] 223:15 **13** [6] 92:20 93:17 201:22 202:7 203:18 204:10 **132** [1] 204:24 **137** [1] 52:14 **138** [3] 209:21 214:1 217:25 138,179[1] 212:25 **138.2** [1] 213:22 **14** [2] 16:20 206:21 **14.3** [1] 201:22 **140**[1] 221:10 **140.8** [2] 221:6,7 **144** [3] 214:3 217:25 221:22 **144.0** [1] 221:6 **144.2** [1] 213:23 **15** [2] 92:20 93:17 **15-minute** [2] 12:20 13:3 **156** [1] 12:12 **16** [3] 152:22 156:9 176:5 **16th** [2] 225:5,11 **17** [1] 213:22 **18**_[2] 204:25 205:20 **1999** [1] 3:2 19th [1] 9:18 1:00[1] 203:22 **1:24** [1] 224:21 -2-**2** [6] 57:6 133:9,11 213:4 213:4 219:2 **2.2** [10] 114:9,18,22 115:2 126:11 127:1,3 129:16 130:21 132:3 **2.21** [1] 7:2 **2.4** [2] 65:9 124:23 2.75_[1] 7:2 **20** [6] 86:12,13 92:19 101:19 204:23 207:12

20/25 [1] 102:2 **2002** [3] 16:9 83:6,24 **2003** [1] 16:9 2004[1] 16:19 **2007** [15] 3:22 12:5 105:14 112:13 152:18 164:7 195:4,13,14 196:5 197:7,16,24 198:24 201:11 2008 [2] 6:5 7:13

2009 [2] 7:2 141:20 **2011** [3] 3:25 24:21 37:23 **2012** [13] 24:22 112:20 113:11 119:7,12 152:19 152:20 198:25 199:8,18 201:9,11,19 **2013** [41] 24:22 33:19 52:14 55:14 56:1,3,23 58:20 59:21,23 106:3 112:18 118:10.11 119:7 128:16,24 141:20 155:23 156:19 199:6,18 200:8,8 201:9.19.20.20 202:2.21 202:23,25 204:22 205:6 205:20 206:12 207:6 210:16 211:6,9,10 **2014** [90] 3:25 4:1 21:16 21:18 25:15,24 26:1,1 28:5 31:5,7 35:9,11 37:23 48:3,8,10,20 53:1 54:13 60:20 61:20 62:4 62:18,20 66:13 70:4,17 109:23 122:19 128:13.15 128:16.25 129:16 140:3 141:21 142:9 151:10 152:21 153:3 154:3,3,5 155:6 156:9,19 157:2 159:24 160:3 161:9 164:1 164:4.7.19 166:2 167:2 168:22 170:22 171:22

172:12,22,24 174:13

202:2,23,25 204:10,11

204:22 205:6,21 206:12

207:6,18 208:6,22 209:1

185:9,16 187:6,20 201:21

209:12,15,18,19,24 210:15.16 2015 [114] 7:18,25 8:2,4 8:8,13,16,21,22,24 9:1,5 31:11 51:16 52:12 53:19 53:23,23,24 61:23 62:1 62:20 70:4,17 118:2 122:19 144:3 149:12 151:6,10,19 155:9 173:14 174:2,3 175:3 176:16,18 176:19,23 177:2 178:4 178:17,25 181:8 182:9 182:19 184:23 185:1.6 185:16 187:4.7 188:10 188:12,22 189:10,10,14 189:15 190:4,10,13 192:15,23,24 193:1,18 195:3.11.14 197:5.5.16 197:23,25 198:2,3,7 209:4,4,14,18,19,25 210:15,23 211:12 212:6 212:25 213:3,7,20 214:1 214:18 216:7,8,14,15 217:12.13 219:15.17.22 220:9 221:23,24,24,25 222:4,9,9 225:5,11

2016 [44] 8:13,20 9:3,7 9:10,12 51:16 52:12 53:14,20,22 170:3,15,16 172:6 173:3,18 185:1,2 185:14,19,24 186:4 187:9 187:23 188:1,16 189:22 190:1,2,8 191:1 220:1,4 220:19 221:6,23 222:3 223:10,11,18,22 224:4,5 **2016's** [1] 222:1

-4-**4** [6] 57:9.11 91:14 106:1 112:16 206:15

4.4 [2] 153:5 206:15 **432-01** [1] 32:20 **44.9** [1] 161:22 **441-02** [1] 32:7

2017 [3] 72:8 220:20

221:6

2018 [1] 72:9

228 [1] 48:2

22.5 [2] 164:8,20

29.7 [1] 176:18

125:19

3.1 [1] 159:25

3.4 [1] 20:2

3.47 [1] 7:9

3.9 [1] 7:9

3.7 [1] 159:25

30 [2] 12:17,21

30.5 [1] 164:20

300 [1] 25:15

31.7 [1] 88:6

33 [1] 88:6

347 [1] 5:25

35 [1] 96:15

97:15

30-minute [1] 12:24

31st [2] 140:3 168:17

35.6 [3] 93:19 94:14

36 [3] 97:18 198:16,24

384 [2] 148:4 149:6

3B [1] 139:14

25 [7] 83:15 84:24 88:7

90:10,14 101:19 117:16

-3-

58:4 65:4,17 66:8 124:10

3 [9] 4:20 55:11 57:20

45 [1] 222:17 **45.9** [6] 161:24 169:2 170:6,21 172:13,22

47 [1] 96:16 **47.8** [3] 93:20 94:15 97:15

48 [2] 24:22 97:18 **4th** [2] 86:19 222:20

-5-

5 [12] 24:15 51:22 139:25 141:16 152:18 199:20,22 200:8 201:2,9 206:14 207:12 **5.3** [1] 199:20

5.69 [1] 8:8 **50** [15] 83:3,11,15,16 90:11,14 93:20 94:1,16 94:18,22 95:10 97:18 98:12 117:14 **50/50** [4] 95:11 96:16

117:14,17 **520-24** [1] 22:4 **520-33** [1] 29:25 **55** [5] 7:21 198:14 212:23 213:1,2 **560** [3] 52:15,16,16

-6-

6 [9] 89:19 98:18 140:22 141:5 194:14,17 200:4 201:4 206:18 **6.2** [1] 176:22 **6.62** [4] 8:10 176:20 177:14 179:8 **60** [1] 97:18 **60.5** [1] 24:22 **630** [1] 6:25 **65** [1] 6:4 **650** [1] 102:18

-7-**7** [6] 16:10 86:13 87:10 87:20 176:23 177:3 **7.02** [1] 176:22 **7.6** (1) 196:7 **70** [3] 94:9 95:1 100:10 **75** [1] 100:10 76/24[1] 88:10 **79/21** [1] 88:9

-8-

8.8 [4] 72:2,3 103:18 199:2 80 [2] 94:9 95:2 **88.5** [1] 24:22

-9-

9 [9] 98:19 152:11 198:12 199:3,14 200:4 201:4,10 218:2 **9.5** [1] 218:21 9:08_[1] 1:1 **9:15** m 9:13 9:30_[1] 23:17 **9:45** (1) 38:15

-A-

A.D [2] 225:5,11

a.m [11] 1:1 9:13 23:17 38:15 56:21 72:16 89:14 102:14 117:3,5 128:11 **ability** [5] 16:22 99:6 173:16 185:24 225:8 **able** [20] 14:5 16:7 44:13 52:1 76:21 96:17 97:1 100:24 122:14 124:9 125:4 152:10.22 158:1 164:4 166:6 192:18 211:11 212:18 215:6 **above** [6] 114:9 131:4

132:3 181:2 193:16 206:2

absolutely [5] 84:21 93:24 104:21 175:21 186:3 **accept** [1] 95:25

accepted [5] 96:4,13 157:4,6 178:21

accepts [1] 16:20

access [6] 14:5,23 16:22 17:1 90:2 179:14

accessing [1] 15:23 **accordance** [3] 113:18

127:23 130:3 accordingly [1] 151:23

account [14] 5:18,23,23 19:12 119:17 126:4 162:13 166:25 169:3,23 170:24 171:1 172:13,22

accountability [2] 42:11 123:22

accountant [1] 4:8 **accounting** [12] 3:1,19 4:13 38:13 49:19 168:7 170:9 171:7 174:11,13 177:24 184:24

accounts [15] 5:9,16 6:15 7:25 8:4,6,11 19:4 19:9,10,24 20:4,12 126:2 126:8

accrual [1] 195:19 **accrues** [3] 5:21 195:16 195:25

accruing [2] 195:10 196:7

accurate [4] 221:8,8,15 221:16

achieve [3] 13:16 16:16 99:6

achieves [1] 14:22 acknowledged [1] 96:6

acknowledges [1] 16:11 acknowledging [1] 90:8 activity [2] 55:3 207:24

actual [21] 8:23 45:15 55:21 57:19 154:3,6 165:5,7 166:9,12,13 192:19 196:3 205:20,21 205:25 206:2,21 208:13

213:20 223:18

actuals [25] 40:13 53:2,4 152:21 157:3 167:16 204:11,23 205:8,10,12 205:14,15 206:16 208:7 209:1 213:7 214:7 216:17 216:19,24 217:4 219:17 221:25 222:9

actuals' [1] 208:9 actuary [1] 219:11 ad-hoc [1] 39:12

add [7] 77:20 96:3 97:14 99:23 121:2 136:18 145:23

added [2] 118:13 151:19 adding [1] 128:5 addition [1] 64:25 additional [3] 89:21 92:5 154:11 **additions** [2] 8:23 115:20

address [2] 161:9 180:17 addressed [3] 11:15 72:5

adjust [3] 171:22 172:17 185:13

adjusting [3] 168:2 205:13,14

adjustment [13] 8:22 8:25 55:5 71:18 73:5 152:3 187:2,7,11,12 188:3 190:13,15

adjustments [11] 8:15 144:8 185:14 186:1,2 187:14,24,25 212:9 214:9 217:9

admin [2] 10:5 11:5 admit [1] 101:6 adopt [1] 4:23 adopted [1] 55:11 adverse [1] 186:8 adversely [1] 99:13 advise [1] 165:14

advised [1] 43:23 **Aerospace** [1] 3:9

Aerospace [1] 3:9 **affect** [4] 7:25 18:12 61:14 103:20

affected [3] 17:22 99:12 173:9

AFFIRMED [3] 1:16 1:17,18

afterwards [3] 67:22 124:2 194:12

again [32] 14:21 16:19 17:8 48:2 50:2 89:10 92:10 95:7,25 97:14 100:17 101:15 102:12 103:2,5 104:2 139:22 165:4 172:19 178:10,25 180:19 184:24 185:1 186:9 201:25 203:11 209:10 211:16 214:7,12 217:2

against [1] 137:18 **agencies** [12] 2:15 99:9 100:2,9,19 101:16,21 102:13 103:5 104:5 179:15 186:10

agency [1] 100:18 **aging** [2] 111:20 203:8 **ago** [2] 183:18 221:20

agree [14] 42:8 43:7 49:15 88:19 91:4 95:18 98:7 103:3 104:18 162:22 166:24 169:10 181:19,24

agreed [1] 96:7 agreement [1] 219:5 ahead [2] 60:21 177:21 aligned [1] 77:9

allocated [1] 10:23 **allocation** [4] 9:22 10:5 10:7 11:2 **allowance** [5] 149:11,18 151:3,9,14

allowances [1] 158:22 **allowed** [1] 85:21

allows [1] 90:3 **almost** [1] 218:2 **along** [1] 184:11

always [9] 5:11 16:7 24:11 25:4 44:8,12 95:4 142:24 143:17

amend [4] 61:8 67:8,8 197:20

amended [22] 8:20 60:18 61:23 64:19,22 66:5,14 66:17,20,22 67:5,23 68:1 163:16 165:25 174:5,12 175:2 178:3 183:19 184:12 202:6

amending [2] 67:15,16 amendment [1] 62:12 amendments [1] 211:5 amongst [4] 13:17,22 14:1 147:15

amount [24] 7:11 10:23 16:4 46:16 50:6 133:3 155:16 161:22,24 162:13 162:14 168:6,20 169:11 170:6,20 171:14 173:13 177:16 179:11 184:18 188:5 195:16 196:7

amounts [7] 5:21 7:22 173:13 178:7 190:11 214:6,6

analysis [10] 3:6 40:13 41:2,4 50:22 92:14 111:7 122:8 132:14,20

analyze [2] 12:8 116:8 **Anecdotally** [1] 105:17 **Ann** [8] 1:11,18 42:1 137:11 141:13 145:7 150:12 172:4

announcements [1] 102:16

annual [7] 73:16 107:20 122:11 141:17 159:17 168:11 200:21

anomaly [1] 155:6 **answer** [10] 15:21 51:10 52:21 100:24 105:11 149:8,15 158:11 179:17 192:10

answered [4] 4:5 18:4 65:19 147:25

answering [2] 58:10 180:21

anticipate [2] 185:13 192:24

anticipated [5] 62:3 178:6,12 184:8 223:15

anyway [1] 42:10 **apart** [8] 48:1 132:19 157:14,22 162:18 173:7

apologize [1] 117:9 **apparatus** [1] 225:9

196:15,20

apparent [1] 7:13 **appear** [3] 85:4 207:2,3 **appendix** [5] 7:20 129:5 129:9 140:2 141:9

apples [2] 103:11,11 application [52] 8:21 67:23 68:1 98:17,23 160:1 161:3,8,15,20,21 163:2,7,11,17,25 165:25 168:5 174:2,3,5,11,24 175:2 176:5,8,14,17 177:6 178:4,14 182:9,9 183:18 184:12,20,24 186:25 191:10 192:7,14 192:16,24,25 193:7,8 194:5,16 197:17,18 219:15 225:5

applications [5] 26:4,4 26:9,24 27:4

applied [1] 92:22 **apportion** [4] 87:13,21 96:9,10

apportioning [2] 95:7 95:19

appreciate [1] 79:1 **approach** [9] 83:10 96:3 96:4,7 104:16 118:24 119:13,18 191:7

appropriate [6] 8:25 9:8 72:24 95:21,23 187:7

approval [19] 8:11 58:19 58:24 59:8,12 109:22 110:9,12 123:17,18,20 124:6 161:21 162:14 176:15,24 177:5 223:14 223:17

approve [3] 15:2 17:12 110:8

approved [12] 46:18 50:5,6 58:22 124:1 144:5 144:10 162:11 197:24 214:10,21 217:10

approves [1] 215:18 **approving** [2] 51:4 109:25

area [12] 2:10 4:17,24 11:15 17:20 46:21,23 69:19 109:2,8 194:15 218:2

areas [9] 2:5,8,25 4:13 9:23 167:18 208:23,24 215:24

argue [1] 90:14 argued [1] 86:8 argument [3] 77:23 78:15 86:9 arises [1] 43:24 armed [1] 14:3 arose [1] 43:17 aside [1] 180:20 asks [1] 144:1 aspect [3] 36:18 57:6 158:5

aspects [1] 145:15 assessment [4] 80:8,23 90:10 181:25 **asset** [5] 111:14,19 172:22 189:9,11 **assets** [11] 9:3,9 111:20 187:5,25 188:3,4,14,17 190:12 203:8 **assistant** [4] 32:20,23

33:24 36:15 **assisted** [1] 87:15 **associated** [6] 87:24 125:9 146:14 155:24 218:16 219:4

assume [3] 70:14 96:13 179:21

assuming [1] 117:17 assumption [1] 69:2 assumptions [1] 113:19 attached [2] 58:4 89:12 attachment [6] 21:3 24:17 152:11 198:12 213:4 220:18

attend [2] 28:25 44:15 attended [1] 44:21 audit [1] 4:14

August [7] 213:7,12,14 213:16,18 214:7 217:24

authorize [1] 215:18 **auto** [1] 12:2

available [5] 24:11 25:4 113:3 130:22 165:9

average [2] 88:2 93:18 averages [1] 141:21 awarded [2] 19:13 72:3 aware [13] 14:8,20 19:6 19:9 43:15,21 60:7,10 60:11,16 63:2 102:16 147:22

away [2] 5:7,10 awhile [1] 221:20

-B-

B [2] 129:5,9 **B.Sc** [1] 4:8 **Bachelor** [1] 3:18 **background** [5] 4:7 20:23 34:12 38:19 69:21 **backlog** [1] 207:25

backtrack [4] 42:4 66:12 68:22 106:16 **backup** [2] 41:20.23

backup [2] 41:20,23 **bad** [1] 14:6

balance [9] 81:22 170:24 171:6 173:7 186:13 187:4 195:13,15 197:11

balances [5] 7:18 195:9 195:20 196:1,1

ball [2] 110:18 152:23 **band** [2] 5:20 137:4

bands [1] 6:8

banking [1] 2:12

banks [1] 2:14 **barrel** [1] 7:1

base [46] 8:8,16,25 44:24

45:1,15 96:6 104:15 118:1 125:21,23,23 126:20,24 127:20 149:17 149:21,22,23 150:3,5,6 150:9,11 151:4 176:20 176:22 177:2,13 179:2,9 180:4 187:4,7,11,14 188:21 189:12 195:11 196:4,5,11 197:6,17,24 197:25

based [33] 13:1 18:9 49:5 61:10 62:17 79:10 89:2 90:11 94:5,16 98:5,11 99:25 112:19 113:23 115:9 123:13 126:14 128:10 154:5 165:4 171:15 177:12,21 178:20 195:13,25 204:10 213:7 217:13,14 220:21 221:24

baseline [1] 217:20 bases [1] 195:11 basis [46] 15:1 16:18 26:16 39:12 47:19,20 54:20 78:21 79:13 83:4 83:11,15 84:24 88:7 90:11,14 92:22 93:6,19 93:20,21 94:1,4,9,23 95:2,10 96:16 97:15 98:12 117:14,16 122:11 133:21 137:17 177:12 180:3 181:23 188:20 189:25 199:23 200:21

Bay [1] 40:25 **BC** [3] 14:12 19:6 20:8 **bear** [1] 89:10

201:3 210:6,18,19

become [2] 63:2 171:6

began [1] 7:1 **beginning** [5] 31:

beginning [5] 31:11,11 56:19 158:11 188:23

behalf [2] 104:23,23 **behind** [3] 7:14 58:5 214:24

belong [1] 11:24 **below** [6] 8:9 21:25 93:20 176:24 180:25 181:1

benefit [10] 14:4,17 87:13,21 90:7 95:19 190:10 219:3,5,10

benefits [10] 13:2 95:8 112:11 115:1 145:2,6 149:24 150:7,12 218:25

beside [1] 214:22 **best** [4] 52:21 55:1 154:24 225:8

better [3] 15:11 70:7 74:12

between [34] 11:8 12:17 17:24 43:18 44:3 73:9 85:9 87:14,22 88:3,14 90:10 93:6,13 96:10,15 99:4 100:10 101:5,13 137:20 154:1,2 157:2 160:12,16 180:8 186:20 195:12 199:18 201:11 207:5,5 218:20

beyond [3] 5:13 6:6 193:17

big [6] 41:8 61:13 207:5 207:13 208:23 210:23

bigger [1] 61:7 **bill** [1] 210:22

binding [2] 15:15 17:10 **bit** [13] 10:9 13:19 21:1 66:13 68:23 98:20 152:17 153:4 178:11 187:10 194:18 204:13 220:19

blow [1] 152:16 board [47] 11:11 13:3 15:2,15,16 16:5,11,14 16:20 17:10,10,12 18:17 18:18 19:13 73:3,7,8,24 74:3,10,11 83:7 86:23 96:13 98:21,24 113:24 162:11,12,24 163:8 169:1 169:6,7,22,25 170:6 173:4 177:20 178:21

223:14 225:6 **Board's** [5] 71:15 73:9 75:8 185:17 193:24

192:20 222:20 223:6.7

boarded [1] 22:22

bond [1] 92:8

book [2] 177:23 185:19 **booked** [5] 168:7 174:14

181:8 185:2,11 **books** [3] 170:22 171:22 177:25

borrow[2] 14:14,20 borrowing [2] 99:15,16

borrows [1] 14:8 **bottom** [5] 8:9 176:21 177:15 179:11 187:1

bound [3] 73:25 74:4,8

BPS [1] 88:7

Brad [1] 86:25 **break** [1] 116:22

bring [15] 6:2 18:6,7 21:2 86:9 95:9,12 98:16 106:2 123:7 131:19 139:24 159:25 198:12 220:16

bringing [1] 207:16 **British** [1] 20:8

broad [1] 19:18 **broken** [1] 125:20

Brunswick [3] 180:11 180:11,16

budget [98] 39:16,17,21 40:13 46:17 47:2 48:10 49:4,8 50:5 51:17 53:15 53:19 55:2 105:24 106:1 106:15 107:23,25 108:22 108:24 109:1,17,17 110:7 110:9,12 111:8,14 112:15 112:21 113:2,10,16 114:4 118:8,9,10,11,16,21,22 119:24 120:4,5,8,19 122:25 123:23 124:9 125:20,21,23,24 126:24 127:20 128:24 129:10.20 130:7,8 131:2,12,19 132:6,7,9,10,13 135:16 137:18,21 142:23,24 144:5,5 145:8,9 149:22

149:23 150:3,5,6,9,11 151:6 157:20 158:10,17 217:13 220:4,8 223:13 223:18,25 224:4,7,9

budgetary [5] 119:6 125:1 157:17 158:5 159:17

budgeted [1] 46:16 **budgeting** [13] 35:15 38:14 39:8 46:15 50:7 54:24 149:16 150:8 158:12,15,19 159:9 223:12

budgets [12] 39:2 109:25 110:3 111:10 112:18 130:20 131:2 143:11,13 149:18,21 159:20

build [3] 158:22 159:4 159:16

built [9] 104:15 124:18 127:7 147:20 157:16,20 158:10,15 159:8

bullet [3] 89:20 91:15 112:18

burden [1] 167:19 burdened [1] 10:13 business [26] 4:15 10:4 10:8 11:4 25:12 28:6 43:19 104:8,8 118:24 119:22,24 120:2,7 121:15 121:24 122:3 126:3 130:6 132:9 136:23,23 137:12 137:15 139:9 155:4

businesses [1] 10:23

-C-

CA-NLH-328 [1] 149:10

calculate [4] 96:17 128:9 129:23 165:8

calculated [2] 115:8 164:19

calculation [6] 117:13 160:3,23 161:1 196:10 196:11

calculations [3] 130:5 196:9 199:2

Canada [5] 19:20 20:9 85:20 103:8 113:24

Canadian [2] 13:13 88:5 capital [17] 8:23 16:22 87:18,20 90:18,24 99:23 100:9 109:17 136:3,6,9 148:20,24,25 169:12 187:19

capture [1] 95:3 **captured** [1] 78:22 **capturing** [2] 90:13 129:10

career [1] 3:21 **Carla** [2] 1:11,17 **Carol** [8] 1:11,18 42:1 137:11 141:13 145:7

150:12 172:4 **carried** [1] 54:14

case [26] 14:3,10,17 23:15 55:10,11,15 58:20 59:17 62:8 80:2 85:24 89:3 93:12 94:23 97:20 98:5 114:10,20,21 124:8 140:13 152:5 160:1 197:14 209:22

cases [2] 86:6 151:25 **cash** [3] 2:12 135:24 136:1

CASS [26] 1:8,21,22 2:17 3:12 4:2,16,22 5:2 6:14 7:16,23 8:14 9:14 10:20 11:14 12:18 13:8 14:25 17:14,18 20:14 75:4 84:8 97:7 157:7

catch [1] 153:14 categories [3] 12:7 150:9 207:23

category [1] 140:5 **caused** [1] 17:12 **causing** [3] 63:21 144:22 144:23

caveat [1] 99:23 **cell** [5] 12:1 120:9,10,11 120:13

cents [2] 6:4,4 **CEO** [5] 59:1,18 120:23 122:6 131:25

certain [16] 39:16 41:19 46:16 94:6 126:2 131:5 133:3 137:4 143:7 165:20 167:7 169:10,11 197:10 209:9 218:13

certainly [7] 11:5,13 15:13 76:13 116:7 130:10 130:12

certainty [2] 186:18,22 CERTIFICATE [1] 225:1

certified [1] 3:19 certify [1] 225:2 CFO [7] 22:20 23:14

CFO [7] 22:20 23:14 58:25 77:10,13 123:16 200:20

chain [5] 2:25 26:20 27:1 30:17 123:12

Chair [11] 1:5,9 20:16 20:22 75:5 84:9 97:8 116:23 117:9 157:8 224:14

CHAIRMAN [8] 1:2,6 1:13,19 20:17 116:24 117:6 224:17

challenge [1] 155:8 challenged [1] 151:24 challenging [2] 155:3,4 change [18] 7:1,4 23:11 23:13 63:21 67:22,23 71:17,22 72:19 78:20 118:22 122:24 144:11 177:22 181:2 198:25

changed [9] 15:8 16:24 30:24 31:1,3 71:24 72:22 78:4 105:7 **changes** [17] 5:19 29:9 59:17 60:2,3 61:6,11 62:24 64:1 71:15 72:25 115:16 124:21 130:7 144:9 200:14 211:7

changing [1] 143:5 **charge** [1] 26:18 **charged** [7] 24:18 25:5 46:9 49:18,25 50:23,23

charges [1] 11:17 **charging** [3] 46:18 50:14

chart [6] 7:9,10 20:2 29:19 31:17 34:14

51:8

chartered [2] 3:1 4:8 **check** [17] 31:9 133:10 133:16,18 153:23,25 154:2 182:17 190:23 199:13,16,21 201:23 204:25 207:22 218:1,4

chief [2] 24:20 52:14 **chime** [1] 179:19

chooses [1] 113:15 **chose** [3] 91:16,21 92:7

circumstance [1]

circumstances [2] 16:25 17:12

clarification [4] 10:21 187:2 222:21 223:5

clarified [1] 150:17 **clarify** [4] 10:11 117:11 118:1 139:6

clarifying [1] 79:25 **clarity** [1] 112:19

clear [1] 157:18

close [1] 199:3 **closer** [2] 63:6 101:22

coded [1] 12:20

codes [2] 12:24 25:6 **coding** [1] 25:10

Columbia [1] 20:8

coming [2] 81:3 168:18 **comment** [9] 9:23 10:24 11:18 12:22 17:20 155:9 179:20 214:16 220:12

comments [2] 5:5 60:3 Commerce [1] 3:18 Commissioners [1]

225:6

common [11] 9:20,22 10:3,7,14,23 11:16 19:19 19:22 20:12 139:6

companies [6] 3:8 91:16 91:17,23 92:6,9

company [2] 2:11 143:2 **comparable** [1] 83:14 **comparative** [2] 91:17 92:6

comparator [1] 141:14 **comparators** [1] 213:19 **compare** [4] 13:12 83:1 141:6 216:18 **compared** [3] 8:24 204:22 216:14 **comparison** [7] 20:7 93:18 140:22,25 195:12 196:3,4 compensation [1] 129:21 compilation [3] 55:20 65:2 136:8 **compiled** [7] 46:20 47:16 54:17 65:4 108:1 127:22 203:1 **compiles** [1] 54:21 compiling [2] 65:7 109:9 **complement** [1] 115:11 complete [2] 68:1 192:14 **completed** [1] 112:19 **completes** [1] 20:15 **completion** [1] 139:11 comply [1] 75:18 **component** [2] 15:20 61:16 **components** [1] 125:20 **comprises** [1] 101:13 Comptroller's [3] 107:7,9,11 **computer** [1] 125:25 concede [1] 181:11 concentration [2] 4:10 118:25 **concept** [4] 95:3,25 99:17,20 concepts [2] 99:18 101:6 conceptually [2] 103:2 104:10 **concern** [18] 63:16 93:22 95:7 142:12,19,20 163:24 168:14 174:11.13 179:5 179:16 180:18 181:7 184:24 201:2 210:4 212:5 concerned [3] 86:1 94:18 179:14 **concerning** [1] 147:11 **concerns** [5] 85:6,7,17 168:6,10 **conclusion** [1] 224:21 **Conference** [1] 113:24 **conferences** [1] 114:19 **confines** [1] 195:21 confirm [6] 1:24 2:19 115:13 149:10 154:4 157:1 **confirmed** [1] 166:18 **confirms** [1] 223:16 **conflict** [3] 43:18,21 44:2 **confusing** [1] 75:6 confusion [1] 10:10 conjunction [1] 55:22

connection [3] 15:25

consequence [1] 180:14

conservative [3] 90:15

86:5 180:8

90:19 92:11

consider [2] 16:5 100:20 consideration[3] 79:10 80:7 89:1 considerations [1] 90:13 considered [3] 99:1 119:1 180:23 **considering** [1] 200:20 **consistent** [4] 20:13 99:7 100:11 191:7 consolidated [5] 109:5 131:23,24 134:4,6 consolidation [1] 111:6 **construct** [1] 186:10 consulting [1] 126:7 contact [1] 36:17 contain [1] 126:6 **contained** [2] 129:2 131:21 **contention** [1] 179:1 **contested** [1] 223:10 context [15] 13:20 19:5 54:9 76:16 77:21 80:9 83:12 85:15 93:1,3 98:22 100:2,7,17 198:19 **continue** [4] 15:12 99:9 104:14 208:23 **continued** [2] 98:21,24 **continues** [1] 52:15 **continuing** [1] 180:2 **contract** [5] 137:3,19 138:15 139:7,11 control [12] 5:14 6:6.11 7:13 51:2 137:21 169:20 205:6,18,19,22 206:6 controllable [6] 139:16 139:24 140:7,17 141:18 142:5 **controller** [7] 3:17,24 4:1 35:1 36:15 37:12,16 **controlling** [1] 158:23 conversion [4] 6:25 64:8 64:10 211:23 Conway [1] 38:9 Conway's [1] 165:6 copy [3] 27:23 84:7 corporate [21] 2:2 3:23 3:24 4:14 23:3 31:25 36:15 37:11,12,16 55:19 76:14 106:9,11,14,21 107:7 109:7 113:19 137:12 139:8 corporations [3] 13:18 14:11 86:2 correct [44] 10:18 22:6

22:10 30:10 31:15 33:10

72:11,15 73:18,20 79:17

93:1 97:22 103:14 106:6

47:6 48:6 70:21 71:9

106:24 108:11 115:4

125:8 138:8,23 154:8

160:4 161:25 162:20

174:17 176:12 178:23

167:10,15,23 169:6

189:14 195:24 198:21 204:8 213:10 218:23 221:2 225:3 correctly [1] 50:15 **correspond** [1] 140:17 **cost** [68] 5:12 6:12 8:21 9:1,20 15:20 16:2 18:10 61:14 62:24 85:6,8,9 87:13,21,24 88:9,13 89:6 91:2 95:11 96:16 98:24 99:15,23 120:5 132:22 133:19 135:5 136:11,11 136:14 140:8.17 152:12 174:2 175:2 176:16 178:4 179:23 182:10,13 187:8 188:9,12 189:19 190:15 192:25 195:4 197:6 201:14 204:5 205:6.18 205:19,21,22 206:2,6 207:23 209:15 210:9,10 210:10 214:1.17 218:13 219:14 **costing** [1] 12:16 **costs** [70] 5:7,11,17,25 6:10 10:12 18:13 39:19 61:6 99:16 116:5 119:2 125:2,6 130:20,22 136:9 139:16,17,24 140:10 141:13.18 147:21 154:24 158:23 159:5,20,23 161:23 165:4 166:9,19 167:2,7,20 168:24 169:20 179:22 180:21,22 192:15 192:23 193:1,6 198:11 198:16 200:12,17 202:8 202:13 203:4,24 204:6 206:8 208:1,17 209:13 210:8 211:6,8,11,16 214:20,21 218:8,13,16 218:17.18 Council [8] 17:9 69:7 71:1,7 73:25 79:15,20 **counsel** [4] 76:15 77:22 78:14 82:3 **counsel's** [2] 76:20 80:23

counter [1] 14:2 **country** [2] 14:12 19:23 **couple** [7] 2:5 3:3 85:12 85:16 99:17 186:24 220:14 course [2] 58:9 75:16 cover[1] 211:11 covered [2] 157:15,19 **CPI** [1] 128:2 create [1] 181:25 **creating** [1] 211:8

credit [23] 13:21 14:5,23 15:23 16:17 17:1 89:25 99:8.9.11.14 100:2.7.8 101:11 102:9,24 103:20 104:21 105:7 179:15 180:8,9 creditworthiness [8]

14:18 98:25 99:5 101:2 101:23 104:12 105:4 186:21

creditworthy [1] 14:1 cross-examination [3] 20:20 222:25 223:3 cross-section [1] 94:10 **crossing** [1] 178:9 Crown [6] 13:13,18 14:11,19 19:3 82:17

crux [1] 90:7 **CT** [14] 6:21 9:4 61:7,13 61:16,20 63:22 187:13 187:17,18,23 188:13 189:9 212:8 **current** [5] 3:9 27:17 172:3,3 223:13 customers [9] 5:12,18 5:22 6:11 9:7 202:15 204:1 210:11,20

cutoff [1] 166:5 **cycle** [1] 113:2

-D**delivery** [1] 142:6 **Deloitte** [1] 3:2 **d'Espoir** [1] 40:25 D2002-95 [1] 84:3 denial [2] 98:21,24 **Dalley** [1] 45:21 26:18,19,20 46:10,14 date [5] 74:17 163:5 47:4 49:24 51:6 52:19 166:6 195:13 223:8 dated [2] 223:6 225:10 116:11 121:8 122:4 **dates** [1] 184:6 127:23 131:12 134:1 day-to-day [1] 26:16 days [1] 12:17 216:4 dead [3] 5:20 6:8 86:17

deal [13] 43:23 78:20 144:7 95:23 99:16.18 162:13 193:17,20 197:11,15 202:19 203:10 208:4 146:18 **dealing** [2] 100:8 149:13

deals [1] 108:22 **dealt** [7] 119:23 153:20 169:15 194:11 195:21 196:25 197:12 **debt** [34] 13:10,11,23 15:3,9,17 16:8 73:13,17

76:16,22 77:24 80:1 83:16 85:15 88:4,9 92:21 93:19 96:14 98:4 99:3 100:5,10 101:1,12,14,20 102:1,3 103:16 104:16 117:10,16

debt-financed [2] 180:6 180:14

December [2] 140:2

168:17 decide [2] 122:10 215:25 decided [1] 78:9 decision [13] 15:16 17:11 60:21 66:14 74:12 76:22 79:13,24 80:1 81:4 83:6 116:16,18

decrease [1] 6:12 **decreases** [1] 122:24 **deducted** [1] 10:6 **deemed** [1] 83:13 **default** [1] 101:9

defer [1] 82:3 **deferral** [36] 5:4,15,18 7:8,15,24 8:4,6,21 9:1 17:21 18:1,11 19:4,9,12 20:4.11 162:13 166:25 169:2.23 170:2.24 171:1 172:13,22 174:2 175:2 176:16 178:4 187:8 188:9 188:12 189:19 190:15

deferrals [3] 6:8 19:19 186:13

deficiency [10] 70:17 159:24 160:4,23 161:10 161:23 164:9,25 165:9 168:5

definitely [5] 18:10,11 18:15 101:8 142:23 **definition** [1] 100:1

delay [2] 146:4,24 **delays** [1] 61:3 deliverables [1] 137:2

department [21] 10:15 67:14 106:5 107:1,3,11

department's [2] 10:17

departments [2] 109:3

departure [1] 96:8 **depend** [3] 41:13 144:24

depending [4] 24:12 49:13 125:17 194:10

describe [1] 94:24 **describes** [1] 114:8 description [5] 11:3 22:20 23:7 27:19,22

design [1] 2:8 **designation** [2] 3:1,19 **designed** [3] 118:24 119:4,21

detail [1] 105:24 **detailed** [4] 41:4 220:1 220:24 223:11

details [2] 160:22 204:19 determination [3]

121:15,25 125:5 **determine** [3] 121:9,10 159:8

determined [5] 101:17 119:25 158:20 177:8 196.2

determining [3] 8:19 9:2 187:9

developed [1] 118:23 **diesel** [3] 5:19 6:3 7:12 **difference** [21] 11:8 93:13,18 119:12,16 127:2 140:25 153:6 154:1,2

156:18 157:2 164:20 172:2,6 199:3 204:24 205:1 207:4 215:17 218:20

differences [2] 88:3 216:20

different [24] 3:4 4:12 25:12 40:20,24 56:9 64:20,23,25 88:23 92:22 93:5 97:17 108:23 113:3 114:16 122:21 138:11 141:7 195:10,11,15,16 212:1

differing [1] 173:13 **difficult** [3] 89:24 91:1 105:1

direct [14] 20:7 29:5,7 30:12 38:4,7 58:13 73:14 73:23 82:11 90:6 99:4 120:21 137:20

directed [11] 15:11 18:20 19:3,7,10,14 69:12 75:15 75:21,24 86:22

direction [6] 15:14 81:11 81:21 160:14 181:20,24 directionally [2] 101:15 101:18

directive [3] 17:23,25 75:19

directly [16] 14:8,15,21 16:11 22:19 23:14,21 29:9 30:5 57:18 67:21 90:21 91:4 98:11 101:1 207:19

directors [1] 223:14 disagree [2] 5:9 89:6 disagreement [1] 44:10

disagreements [1]

disallowed [1] 170:7 discrepancy [1] 95:5 discretion [2] 73:10 75:9 discuss [7] 111:10 120:20 123:15 134:25 190:24

123:15 134:25 190:24 214:13 217:6 **discussed** [11] 15:5 78:14 140:18 142:25

78:14 140:18 142:25 144:19 145:3 149:3 202:9 202:12 211:17 212:11 **discussion** [15] 67:7

discussion [15] 67:7 77:12 78:8 79:19 80:25 81:21 120:2 121:4,16 142:16 143:1,5 144:13 180:7 211:16

discussions [37] 42:17 58:21 60:6,16 62:6 66:15 67:3,11,19 68:9,25 69:8 69:11 76:3,15 77:21 80:17 111:2 116:4 120:25 145:17 147:10 151:8,11 183:8 201:18 202:17,25 203:3,6,7,16,17 212:15 218:7,10,12

disputed [1] 169:11 division [1] 122:21 divisional [2] 3:17 35:1 divisions [3] 40:20 115:12 158:3

document [7] 107:20 118:20 129:15 174:20 176:3 213:2 220:20

documents [2] 222:25 223:3

doesn't [16] 74:25 85:4 120:8 147:19 158:19 166:19 167:8,12 169:1 175:9,12 181:8,25 184:20 191:1 220:1

dollar [10] 5:24 188:5 199:3,20,20 201:22 204:23 206:15,18 209:23

dollars [6] 8:5,22 102:18 142:7 146:14 187:12

done [15] 17:5 26:25 47:24 53:14 54:13 84:9 131:3 144:4 151:7 153:14 160:14,15 161:1 220:13 221:20

dotted [1] 27:13 doubt [1] 101:20 down [24] 20:24 29:18 29:19 30:4 41:5 72:2 95:12 98:19 113:9 125:20 137:6 138:1 140:6 142:4 147:21 150:2 152:19 157:21 164:14 165:20,22 194:18 207:3 219:2

downgrade [1] 180:15 downward [1] 186:2 driver [2] 7:14 64:4

drivers [8] 111:14,19 200:13 201:14 203:12 207:4,5 218:16

driving [9] 81:7 200:13 200:16 202:13 203:8,16 206:2 211:19,21

drove [1] 207:25 **dual** [1] 27:17 **due** [9] 6:5 115:17,19 125:16 146:3 153:20 154:12 207:15 208:15

during [8] 47:2 71:22 72:23,25 89:24 108:1 111:11 116:1

-E-

early [3] 40:2 48:5 62:18 earn [11] 9:9,11 164:4 173:17 177:1 178:16 179:10 180:24 185:24 187:23 188:1 earning [1] 180:19

earns [1] 103:18 economic [1] 115:18 effect [5] 8:20 102:24

effect [5] 8:20 102:24 169:22 173:16 185:23 efficiencies [4] 157:16

157:19 210:22 211:24 **efficiency** [3] 61:17 64:3 64:6

efficient [2] 203:4,21 **efficiently** [1] 6:10

eight [4] 110:20,22,24 164:19

either [5] 14:16 58:20 113:2 186:22 196:20

elaborate [1] 89:8 **electrical** [1] 35:1 **electricity** [1] 203:25 **element** [1] 80:6

eliminates [1] 88:1 emphasis [1] 118:22 employed [1] 146:16 employee [3] 33:8

125:12 219:10 **employees** [3] 10:6 44:20 146:6

Enbridge [2] 91:22,22 end [31] 14:15,22 47:23 62:4 67:1 101:7 149:20 162:25 163:7,9 168:11 168:11,17 169:7 170:1 174:14 177:9 178:8,10 178:13 179:8,12 183:3 183:16 184:10 186:14 187:6,20 188:15 221:23 224:1

ended [2] 180:12,13 **energy** [4] 2:3 3:22 6:19 142:6

engineering [1] 29:14 enhancements [1] 158:2 ensure [5] 16:3 17:4 42:18 43:9 49:24

ensuring [3] 86:2 132:12 137:3

entails [1] 35:12 enter [2] 109:4 175:15 entered [1] 175:9 entering [1] 109:6 entire [2] 87:24 89:6 entities [2] 11:17 12:17 entity [6] 43:8 90:1 100:4 100:12 104:16 180:6

envision [2] 192:14,16 **envisioned** [1] 192:13 **envisioning** [1] 194:7 **equal** [2] 88:13 89:7

equipment [2] 206:17 215:23

equity [14] 17:22 69:1 69:20 70:3,16 71:8,14 72:20 103:19 104:15 164:7,14,16 180:4

erode [2] 104:14 180:4 escalate [1] 127:1 escalated [1] 113:7 escalation [2] 112:20 113:15

escalations [1] 112:23 essentially [11] 10:2 35:14 54:24 79:9 100:6 113:1 114:7,15 126:9 198:5 8

establish [2] 167:19

197:5

established [6] 106:14 115:10 127:23 128:7 132:6 166:25

establishing [2] 18:16 36:24

estimate [1] 53:6 **estimates** [2] 128:10 195:4

eventually [1] 180:4 **everybody** [4] 21:6 45:12,14 122:20

everyone's [2] 126:3 139:7

evidence [26] 4:18,21,24 6:1 7:3 20:2 57:20 65:3 65:6 69:18 70:2,15 73:15 82:11 114:2,24 124:23 166:2 174:21 175:3 176:2 176:6,15 191:6 192:1 200:11

exact [5] 63:4 105:1,18 138:1 184:17

exactly [4] 26:15 126:17 137:7 141:9

examination-in-chief [3] 1:21 9:17 20:16

example [12] 5:17 39:2 85:20 122:21 125:8 188:13 205:5,21 206:5 208:14,19 218:14

208:14,19 218:14

examples [1] 5:16

exceeded [1] 119:19

except [1] 29:13

excluded [1] 127:20

excluding [1] 8:6

exclusive [1] 150:7

execution [2] 2:9 46:2

executive [2] 47:8 52:14

exhibit [1] 175:15

exist [3] 7:11 137:11,12

exist [3] 7:11 137:11,12 existing [2] 99:3 164:18 expand [1] 26:15

expand [1] 20:13 **expanded** [1] 94:7 **expect** [4] 182:24 183:10

208:21 209:1

expectation [1] 179:25 **expected** [5] 9:4 114:16 127:2 154:13 216:22

expedite [1] 119:4 **expenditure** [2] 216:1 216:23

expenditures [3] 135:23 169:12 215:20

expense [4] 15:25 219:3 219:6.10

expenses [28] 9:22 10:7 10:17,24 11:17,23 12:1 12:10,13,14 137:4 138:17 138:19 149:13,14 198:23 200:9,22 207:6 208:25 213:19,21,21 215:7,10 216:14 221:5,5

experience [7] 1:25 2:21

3:15 4:7 99:25 100:8 102:9

experienced [1] 44:2 **expert** [2] 99:24 192:1 **experts** [1] 104:22

explain [11] 122:22 126:20 127:2 131:4 133:7 140:15 168:14 194:20 206:1 207:23 214:23

explained [7] 10:1 50:3 128:9 200:12,15 203:11 209:11

explaining [1] 67:22 **explanation** [2] 46:24 219:1

explanations [6] 48:23 114:17 124:22 205:25 206:9 214:22

Exploits [1] 6:21 **extent** [6] 6:22 99:9 114:3 128:5 140:12 146:2

extra[1] 90:21

-F-

faces [2] 18:13 186:16 **facilitate** [3] 111:5,9 116:15

fact [10] 15:8 18:19,21 19:2 52:3 78:3 79:24 167:7 197:15 203:18

factor [10] 6:25 61:17 63:24 64:3,6,10 113:7 113:15,18 211:23

factored [1] 10:16 **factoring** [1] 90:12

factors [4] 6:5 16:6 79:10 104:9

Fagan [6] 27:7,7 29:20 160:21 166:17 190:24

Fagan's [1] 22:8

fair [28] 18:16 61:10 62:20 69:1 70:5,14 73:23 95:16 111:16 112:13 149:24 163:2,12 164:9 165:10 177:16 182:11 199:4 204:13 206:19 207:6 208:3 209:24 218:2 220:25 221:6,11,13

falls [2] 102:17 123:23 famous [1] 24:16 features [2] 89:22 91:1 February [2] 63:17

216:8

117:10

fee [41] 10:5 11:5 13:10 15:3,9,13,17,22 16:8 17:4,13 73:13,16 74:1,5 74:13,19 75:3,15,17 76:5 76:16,22 77:24 78:7 80:1 80:9 82:25 83:4,12,14 84:24 88:1,8 90:16 93:22 94:23 96:14.17 98:4

feedback [1] 60:3 **feels** [3] 72:23 75:12 179:9 **fees** [1] 12:2 **felt** [7] 74:18 75:1,17 177:15 190:12 203:24 204:4

few [**5**] 9:16 13:9 110:22 147:17 148:16

figure [3] 162:18 204:10 212:24

figures [15] 51:18 52:11 52:12 54:20 97:24 98:5 113:11 123:8 124:10 165:7 179:2 198:17 207:3 220:20,21

file [4] 27:22 60:21 166:6

filed [19] 8:3 22:25 53:14 56:17 58:22 59:5 60:4 70:2 139:13 152:6 163:7 163:14,17 166:8 168:4 174:2,24 176:8 192:7

filing [18] 55:15 56:3 60:8,18 64:19,23 66:5 66:15,17,22 67:5 68:5 68:17 160:25 161:2 210:14,17 212:5

filings [1] 76:23 **fill** [1] 127:14

final [17] 17:19 58:19,24 59:7,12 60:4 84:15 101:16 109:22 124:6 169:17 178:6 185:8 193:25 194:2 195:3 197:4

finalization [1] 108:4 **finalized** [4] 220:4,5,11 223:25

finally [2] 7:7 58:22 finalyzing [1] 220:13

finance [58] 1:9 2:14,23 2:24 3:10 4:10,14,21 21:4,7 22:13,19 23:1,14 24:4,20,24 25:1,20 26:19 38:8,22 39:7 46:10,13 49:23 51:6,20 52:18 54:9 54:22 58:3,15 59:11,18 62:7 66:8,10 106:4 109:8 116:11 122:16,19 123:12 123:15 124:12,14 131:14 134:1 138:12 141:6 158:20 160:12,16 166:18 198:18 200:19 216:3

finance's [1] 46:19 **financed** [1] 104:16 **financial** [23] 2:11 3:6 3:23 6:24 7:6 8:12 16:13 16:17 24:20 26:22 35:14 38:14 61:8,11 98:15 99:6 99:12 104:6 138:15 140:6 168:12 186:17 220:23

financing [2] 2:8,9 **fine** [5] 2:18 75:11 97:8 97:10 175:18

finished [1] 109:6 first [25] 5:9 6:18 9:18 13:11 18:8 27:8 40:3 51:2,9 55:15 63:1,1 85:13 88:21 99:19 106:3 112:16,17,18 124:25 149:14 176:7 178:3,3 194:19

fit [1] 18:25

five [11] 4:11 8:22 21:3 30:6 34:16,18 154:6 165:4 187:1,12 188:4

fixed [1] 175:25

flavour [8] 24:23 34:11 69:25 119:11 137:5 152:12 155:2 184:2

flexibility [1] 90:3

float[1] 104:11

flow [2] 74:8 103:16 **flowing** [1] 74:4

fluctuate [1] 94:19

fluctuating [1] 95:3

focus [3] 119:5,18 164:1

focussed [1] 205:18 **folks** [3] 20:22 57:24

160:16 **follow** [2] 43:16 93:9

followed [2] 83:9 119:7 **following** [5] 9:16 47:14 126:17 174:4 193:17

forecast [38] 5:14 7:17 7:25 8:2 49:9,11 51:15 52:2,16 53:1,22 54:5,7 62:19,24 144:3,9 154:10 154:16,22,24 165:5 176:17,19 196:3 213:3,6 214:8 216:18 217:1,3,4 220:2,24 221:24 223:11 223:22 224:4

forecasted [3] 167:12 211:11 214:6

forecasting [8] 35:15 39:3,8,15 144:4 213:23 217:24 221:22

forecasts [2] 51:17 52:18 **foregoing** [1] 225:2

form [7] 87:25 128:14 128:16 169:16 175:5 193:24 194:2

forth [1] 151:25 **Fortis** [1] 3:9

forward [22] 8:13 25:17 54:14 78:21 120:4 123:17 132:8 165:19 177:16 178:5 189:21 200:12 201:19 203:21 204:2,5 208:25 209:5,14,14 214:8 217:20

found [1] 155:11 **four** [3] 3:3 30:12 136:10

Fred [1] 4:5 FREDERICK [1] 1:21

Friday [1] 175:19 front [1] 88:20

FTE [4] 55:21 115:19 123:20 125:9

FTEs [8] 116:2 121:2,10 122:11,22,23,24 148:25

fuel [6] 5:19 6:3 61:16 61:17 64:3,6

full [2] 85:21 189:11 fully [1] 10:12 function [2] 27:2 142:14 fundamental [1] 16:12 fundamentally [1] 89:5

fundamentally [1] 89:5 **funds** [1] 179:15

future [3] 146:16 173:18 219:10

-G-

Gap [2] 78:4,8 **Gardiner** [2] 46:3,5 **Gas** [1] 91:22 **geared** [1] 220:8 **Gen** [1] 109:2

general [11] 2:12,23 3:10 21:7 22:12 23:1,3 40:6 130:23 138:11 225:4

generally [3] 18:14 96:4

generated [1] 125:24 generation [1] 6:20 generic [2] 150:5,15 given [5] 9:8 69:18 103:16 200:3 201:4

giving [1] 100:21 GLYNN [18] 1:4 28:1 84:10 97:11 105:19 117:21 134:11 156:20,25 157:11 174:23 175:4,8 175:14,20,24 222:16 224:10

goes [12] 26:23 52:15 72:1 83:5 109:23 123:19 152:20 179:7,19 181:2 184:19 207:12

gone [3] 16:3 17:3 62:23 **good** [6] 5:14 14:6 20:22 34:11 175:13 224:16

government [27] 14:18 16:20 17:23,25 19:3,11 60:7 66:16 67:10 68:25 69:9,12 73:16 74:13,20 75:3 79:14 81:8,11 85:10 85:16 87:23 88:14 90:1 90:7 103:8.17

government's [3] 81:3 102:24 103:20

governments [2] 13:22 13:24

GRA [26] 6:20 7:5 26:3 35:15 54:10 57:7 71:22 71:24 72:6,8,19,23,25 76:17 151:7 169:8 175:5 175:10 183:3 185:8 193:17,17,25 198:19 202:6 218:17

grade [1] 92:10 **Grant** [11] 84:18 85:4,7 86:10,12,19,20,22 92:18 96:5.13

graphic [1] 32:13 **Gray** [9] 48:2 98:20 149:7 152:13 153:5 157:18 176:3 198:13 206:13

great [6] 8:11 16:3 17:4 224:3,18,20

greater [1] 94:21 **group** [9] 3:23 11:18 27:1 39:4 108:21 115:9

147:15 200:19 204:6 **groups** [13] 26:21 40:12 40:19 108:23 110:8,10 110:15,17,24 111:1,6

123:11 160:13

growing [1] 104:17 guarantee [47] 13:10,11 13:16 14:4,9,9,14,21 15:3,9,12,17,22 16:8,13 16:15,21 17:1 69:7 73:13 73:17 74:5 76:16,22 77:24 80:1 85:16,22 87:25 88:1,2,8,16 89:7 89:22 90:1,3,8 91:25 95:8 96:7,11,14 97:16 98:4 105:3 117:10

guaranteed [3] 69:1 99:2 100:5

guarantees [1] 86:3 **guarantor** [5] 87:22,25 96:10 103:7 104:13

guarantor's [1] 104:21 guess [80] 1:7,15 2:7 4:6 15:5.19 18:19.23.24 19:1 19:18 24:1,25 25:1,17 26:9,16 28:4 40:3 42:4 46:13 47:18 49:15 51:2 55:9,10,11 60:20 61:2 62:17 65:19 69:19 73:7 78:1 80:22 83:11 84:24 85:12,14,22 88:13,21 89:4,18 92:5 99:19 103:18 106:3 112:7 113:10 115:1 116:2 122:18,19 132:7 133:19 134:16 142:7 149:5 153:13 155:3 160:13,25 166:24 168:24,25 174:3 174:12 177:19 187:23 192:19,22 196:10 207:18 208:21 210:13 215:1 216:3,4 221:18

guidance [6] 118:12,14 125:1 128:14,16,25

guidelines [19] 12:16 36:25,25 43:15 55:21 106:2,5,8,22 107:15,19 107:24 108:14,18 118:9 118:10,16 159:14,15

-H-

half [3] 4:5 164:8,24 hand [1] 140:5 handy [1] 148:17 hard [1] 59:25 HAYES [1] 222:24 he'd [1] 166:17 health [1] 8:13 hear [1] 82:1 heard [5] 28:16 74:17 82:11 114:24 225:5 hearing [12] 15:6 42:6,9 60:22 71:16 178:10 183:10,22 184:5,15 208:16 225:3

hearings [1] 104:24 heels [1] 182:10 held [1] 67:11

help [1] 194:23

hence [2] 99:15 183:18 Henderson [34] 27:18 39:7 42:10 45:20 77:10 77:13 110:11,16 111:2,8 111:11 116:20 120:22 121:1,5 122:5,10 123:8 123:18,24 131:8,13,20 132:15 143:17 144:10

123.16,24 131.8,13,20 132:15 143:17 144:10 147:18 159:11 165:17 211:17 212:10 214:10 215:2 218:11

Henderson's [3] 147:15 212:13 215:11

hereby [1] 225:2 **hesitant** [1] 81:6

high [6] 41:6 93:22 94:18 94:25 155:7 220:21

higher [16] 19:8 20:4 48:14,16,18 52:12 142:24 145:2,3 167:16 204:12 204:13 205:12 208:15 211:8 214:2

highlight [1] 132:2 **highlights** [1] 112:17

hire [2] 146:17,23 **hired** [2] 128:6 146:17

hiring [1] 146:4 **hold** [1] 39:3

holders [1] 92:8

Holyrood [9] 6:21,25 9:4 40:25 64:8,10 211:23 211:23 212:8

home [3] 44:24 45:1,15

honours [1] 4:9

hope [1] 183:13 **hour** [1] 142:7

hours [16] 7:1 24:18,22 25:15,16 46:8,9,16 47:3 47:9,16 49:16,18,25 50:22.23

HR [**s**] 45:3 55:22 129:19 203:12,12

huge [3] 120:13 168:21

human [17] 10:15,16 54:15,19,21 111:15,22 114:24 115:9 121:8,8,14 122:14 127:22 128:8 130:13 131:11

Humphries [1] 45:20 hundred [1] 199:1 hydraulic [1] 161:24 Hydro [190] 1:7 2:4,7,24 2:25 3:3,11,18 4:1 5:11

2:25 3:3,11,18 4:1 5:11 5:21 6:15 7:12 8:20 9:8 9:10 10:5 11:9,16,23 13:17 14:10,13,13,19

16:7,16 17:21 19:2,6,24 20:5,8 24:20 26:23 27:14 28:7,9,11,12 30:20,24 31:3 32:24 36:1,3 37:16 37:23.25 38:18.23 42:5 42:9,16,18,22 43:8,18 44:8,15 45:6,12,13 46:18 50:6 58:25 61:7 62:7 70:2,15,25 71:7 72:23 73:24 74:1,18 75:1,3,21 75:24 76:5 77:14 78:7,9 81:1,8,14,16 82:21,25 83:3 85:10 87:15.23 88:8 88:10,14,15 91:21 92:8 93:12,21,22 96:17 99:10 99:12,20 100:14,21,25 101:9,9,22 102:8 103:18 105:2 107:13 108:23 109:2,7 110:5,7,13 114:3 132:7 134:4,6,16,19 135:1,15 136:25 139:16 140:3,9,22,24 142:2,11 142:16 147:7,19 149:11 149:21 161:7 162:8 163:2 163:11.20 164:3 165:8 166:18 168:4,20 169:3 170:9 173:7 174:2 176:9 176:25 177:8,15,23 178:15 179:4,9,14,22,24 180:9 181:8 182:23 183:9 183:12,21 185:18 186:16 187:22 188:1 191:1 200:11 205:5.19 213:6 213:25 219:15 220:1 223:7,9,15

Hydro's [68] 5:3,10,16 6:1,7,19,23 7:4,6,15,25 8:4,7,12,16 12:13 13:11 14:2 15:1,20 16:13,22 17:22 19:8 20:13 44:9 71:16,17,21,23 72:2,5 73:17 75:6,12,14,25 81:22 84:24 91:25 98:25 99:3,4,6,16 101:2,12 102:1,25 103:16 104:23 108:20 149:15 158:12 163:24 166:16 167:19 170:22 173:16 176:15 180:18 186:21 191:22 193:5,25 223:11,14 225:4

-I-

idea [7] 24:2 26:14 29:7 47:20 224:16,18,20 **identified** [1] 46:21 **identify** [2] 50:3 122:2 **ignore** [1] 89:23 **immediate** [2] 181:7 182:1 **impact** [19] 6:23 7:4 78:20 98:21,23 99:13 101:10,22 104:20 146:13 147:3 170:10 173:6.14 173:23,23 186:4,18,19 **impacts** [1] 186:8 **impair** [2] 104:12 105:4 **impaired** [1] 171:6 implications [1] 181:5

implies [1] 88:9

importance [3] 8:12 11:8 16:12

important [5] 13:7 43:8 49:17,18 80:7

impression [1] 70:1 **improved** [1] 105:17 improvement [1]

158:14 improvements [4] 149:17 158:13 159:9.16

incentive [7] 5:7,10,24 6:9 88:1,15 89:8

include [6] 76:22 80:1 149:23 170:7 189:11

included [14] 7:20 11:4 11:10 14:9 98:4 115:1 149:11 161:1 169:12,21 169:23 188:21,24 196:9

includes [3] 5:20 6:20 125:2

including [2] 2:6 15:19 **inclusion** [1] 77:23 **income** [11] 8:4 86:3 135:22 138:16,19 168:22 173:9.14 176:18.19 186:8

inconsistent [1] 85:18 **incorporate** [1] 149:22 **incorporates** [2] 149:16 158:12

increase [38] 6:12 99:14 101:18 115:18 120:13 146:2 153:20 156:8 164:7 199:14 200:2,8 201:3,5 201:10,10,22 202:7,9,14 202:18 203:18 205:20 206:15,19 208:25 209:23 209:24 210:5,16,23 211:22 216:13 217:25 218:6 219:3.4.5

increased [4] 7:14 153:12 203:9 208:24

increases [18] 112:12 115:17,18,19 116:2,3,3 122:23 125:16 128:8 132:3 200:3,21 201:15 203:8 211:19 214:13,14

increasing [4] 125:8 203:9 218:14 219:1

increment [1] 13:3 increments [2] 12:20,25 incur [2] 167:12 172:1

incurred [3] 15:25 167:7 168:21

index [2] 126:12 129:17 **indicate** [2] 114:25 223:13

indicated [8] 10:11 54:16 111:13 114:1 145:7 163:9 167:15 169:25

indicates [5] 114:8 126:4 155:16 176:14,15

indicating [1] 151:1 **indicator** [1] 141:22 **indicators** [5] 139:19 140:2,4,7 200:25

indirectly [1] 207:19 **individual** [2] 52:17 215:7

individuals [6] 51:19 54:8,12 57:25 111:10 139:9

industry [1] 20:9 **inference** [1] 90:22 **inflation** [5] 113:23 114:4 119:19 126:12 130:21

inflationary [1] 129:17 **influenced** [1] 99:5

info[1] 12:4

inform [1] 67:15

information [34] 11:6 11:12,16,23 12:4,8 20:24 51:11 53:15 54:17 55:1 61:8 62:19 106:16 109:4 109:10 113:6,6 115:8 116:16 126:25 129:2 131:21 139:25 141:16 149:10 156:12 158:21 166:13 215:14 222:15,17 223:11,22

informed [1] 43:15 **informing** [1] 67:13 initial [6] 60:8 112:24 161:2 182:9,13,19

input [3] 118:25 119:22 160:11

inputs [1] 195:14 inquiry [2] 208:15 218:17

ins [1] 159:4 **inside** [1] 42:19 instance [9] 10:15,17 19:7 25:9 88:24 94:3 101:10 122:16 146:3

instantaneously [1] 184:21

instead [2] 14:13 15:9 **instructions** [1] 128:14 **insurance** [1] 4:14

integrity [1] 98:15 intend [3] 166:19 191:1

intended [2] 119:23 162:4

191:6

intending [1] 219:16 intent [3] 120:9 128:1,4 intention [4] 191:18,22 223:20,21

inter-company [5] 65:1 65:13,15,23,25

intercompany [6] 12:15 35:18 36:25 37:13 54:25 55:20

interest [18] 8:7 81:2,2 81:3,8,8,9,22,23 194:16 194:21 195:16,19,22,25 196:8,10 197:11

interests [4] 42:18 43:9

43:18 44:9

interim [8] 98:16,23 163:20,20 174:4 176:9 177:19 182:11

internal [2] 77:21 80:22 **interpreted** [1] 10:13 investment [1] 3:5

investment-grade [1] 99:7

invoices [1] 12:6 **involve**[1] 192:25 involved [31] 26:8 36:8 36:24 37:8,13 44:3 56:5 57:5,19 58:2,14,21 59:7 59:11 60:10,14,23 62:6 67:18,21 68:9,24 69:8

201:18 212:16 216:6,9 **involvement** [7] 55:9 55:13,14,16 56:8 57:16 110:25

76:3 109:24 111:1 132:15

involves [1] 26:16 **isolate** [2] 115:17 116:2 isolated [2] 5:17 7:7 **issue** [9] 39:2 69:12 84:19 85:5,5 88:25 104:5 107:24 198:8

issued [3] 88:4,4 163:8 **issuers** [1] 13:23 issues [7] 9:19 15:7 24:10 39:7 169:13,20 178:25

it'll [2] 7:3 141:6 item [8] 41:21 61:13,18 126:4 143:20 144:22,23 144:24

items [13] 5:13 8:7 44:10 61:7 63:20 119:1,6 125:2 125:19 169:15 203:7 206:3 208:13

itself [7] 42:16 54:6 79:24 114:13 125:23 197:10 216:24

-J-

January [9] 21:16,18 25:15,18 28:4 56:23 63:17 155:23 216:7 **Jennifer** [2] 36:11,22 **Jenny** [6] 6:1 18:8 20:1 32:13 79:7 223:4 iob [5] 22:20 23:7 27:19 27:21 180:24 **John's** [2] 225:7,10 joined [2] 3:22,22

Judy [2] 225:2,12 **July** [9] 35:9 56:17 60:22 107:25 174:4 182:19 183:7 213:12 223:7

jump [3] 19:25 122:15 172:4

jumps [1] 142:9 **June** [6] 60:19 67:3 86:19 107:25 108:20 165:10 jurisdiction [3] 73:4

74:11 177:20 jurisdictions [3] 19:16 19:22 86:4 justification [1] 123:4 **iustify** [1] 116:8

-K-

keep [3] 114:3 143:6 147:21

keeping [1] 168:24 Kevin [1] 29:19

key [11] 2:14 16:21 19:9 112:9,11 137:1,2 139:18 140:1.4.6

kilowatt [1] 6:25 **kind** [11] 24:5 40:4 73:8 100:14 102:8 112:8 147:11 169:13 179:15,24 195:8

knew [1] 55:3 **known** [2] 154:10 166:8 **KPIs** [1] 140:23

-L-

Labrador [6] 2:4,7 136:25 225:4,7,10 lack [2] 15:10 74:11 lady [1] 36:11

laid [1] 182:5

large [1] 5:19

largely [6] 76:25 78:22 85:25 86:1 153:20 187:13

larger [2] 41:19 200:15 **last** [12] 3:3 6:20 7:5.5 38:8 53:6 105:8 174:6 194:15 209:20 213:6 214:8

late [5] 31:10,11 128:22 168:4 180:11

law [2] 85:24 89:3

leadership [15] 24:19 28:12.17.25 38:18.23 42:5.22 44:15 48:24 134:19 135:22 140:24 142:11,16

least [4] 5:12 16:1 179:23 210:18

leave [2] 91:9 212:23 **left** [5] 4:6 118:9 140:5

190:13 206:14 **left-hand** [1] 23:5

legal [6] 76:15,20 78:14 80:22 82:2,3

legislation [7] 15:8 78:3 78:5,6,9,20 80:6

legislative [1] 15:10 **length** [5] 62:22.23 184:4 190:6 208:16

lengths [2] 16:3 17:4 **lengthy** [2] 80:17 183:10 **less** [3] 50:23 92:7 94:22 **letter** [5] 222:13,14,19

222:20 223:6

level [23] 20:13 25:16 41:6 47:8 55:3 76:4 100:22 115:13 119:19 120:1 122:8 123:13 131:5 137:6.12.13.15 138:2 139:8 210:11 212:13 220:21.24

levels [5] 59:18,18 60:6 67:10 151:24

LIAM [1] 20:20 **lies** [1] 21:6 **likelihood** [2] 102:1,6 **likely** [6] 99:11 102:23 103:20 145:16 221:8 222:8

limited [3] 85:19 86:4 88:23

line [25] 7:5 11:3,4 21:9 27:13 30:12 86:13 87:10 87:20 88:12 92:20.20 98:19 144:24 152:18,18 164:11 198:16,24 206:14 206:17 207:12 212:2 213:22 224:15

lines [8] 10:8,22 11:9,10 28:6 43:19 164:13 209:20

link [1] 137:20 linkage [1] 99:4 linked [1] 101:1

list [3] 22:21,21 140:1

listed [1] 108:19 litre [2] 6:4.4

lock [2] 165:20,22

long-term [2] 220:21,23 **longer** [3] 125:3 178:12

182:15 look [66] 5:25 7:5 8:2 13:7,15,20,21 14:11,16 14:22 18:3,19 20:1 22:18 24:17,21 25:7 41:23 52:13 82:17,25 83:11 86:4 91:15 93:13 94:10 94:12 97:16 101:22 103:22 104:7,7,8,9 112:16 113:9 115:16 123:6 125:19,22 130:7 130:10 138:12 139:16 142:4 147:8 148:5.14.14 149:5 151:23 171:24 176:7 181:18 186:11 198:11,15,24 206:12

looked [10] 7:10 24:16 46:7 93:5 128:24 133:20 134:1 200:24 201:13 211:4

207:2 209:18 210:20

216:18 217:1 222:4,8

looking [27] 16:6 20:6 44:8 50:4 63:7 91:8 94:5 97:24 112:22 124:25 129:16 137:17 148:3 164:11 181:17 186:6 190:9 198:13 202:7 204:24 206:21 210:14,15 210:17 216:5,7,23

looks [3] 139:20 199:2 206:14

lose [2] 80:7 180:2 **losing** [1] 173:7 **loss** [6] 7:6 168:22 174:15 185:1,6,19

losses [5] 102:8 104:11 104:14 180:12 181:21

Lots [1] 39:5 low [1] 179:8

lower [4] 8:6,23 95:8 187:3

Lutz [186] 1:12,18 3:13 3:16 9:15,24 10:25 11:20 12:23 34:13,15,19,23 35:3,8,13,19,24 36:5,10 36:14,20 37:3,10,17,22 38:1,5,6,12 42:1 48:13 48:19 52:1,21,25 53:5 53:10,21 54:2,11,23 55:13,17 64:22,24 65:8 65:12.16.22 66:1 106:7 106:12,23 107:2,6,13,16 107:22 108:15,25 109:13 109:19 110:19 112:25 113:12,17,22 114:6,14 115:3,7,23 116:6,14,19 118:17 119:8,14 120:6 120:17 121:6,17,21 122:1 122:13 126:1,16,23 127:6 127:11,16,21 128:3,17 128:21 129:1,6,12,22 130:2,9,16,25 131:9,17 132:11,21 133:2,8,15,22 134:3,7,17,18,22 135:2 135:7,11,17,21 136:2,7 136:15 137:25 139:21 140:11,16 145:22 146:1 146:8 147:1 150:13.19 150:25 151:12,17,22 152:7,25 153:7,16,22 154:7,14,20 155:17 156:1 156:5,10,15 157:25 158:7 158:16 159:18 172:5,18 172:23 173:2,8 194:22 195:1,7,23 196:12,16,22 197:3.13.22 198:4.20 199:5,9,15,24 204:16,19 205:2 206:20,24 207:7 207:20 213:13 219:9 **Lynch** [1] 83:11

-M-

M [13] 112:18.24 114:4 118:11 123:23 124:9 128:25 129:10 135:15 137:3 140:18 142:6,14

MacIsaac [1] 23:21 **magnitude** [3] 7:3 41:13 103:3

main [6] 2:7 163:24 164:3 179:5 207:4 218:15

maintain [4] 16:14,16 100:15 141:13

maintaining [1] 8:12 **maintenance** [9] 140:10 145:16 148:25 153:13,14 206:17 207:16,24 215:23

majority [3] 27:8 187:18 188:14

makes [5] 55:7 90:16 116:18 164:8 188:11

manage [7] 5:7,10,24 6:10 116:4 128:1 218:8

management [11] 2:11 2:12,13 3:19 6:9 30:17 111:15,20 180:24 201:13 214:17

management's [2] 5:13 6:6

manager [31] 2:23 3:4,5 3:10 21:7,21,24 22:12 23:1,3 25:1,19 26:9 29:13,19,22 30:17 32:15 33:5 34:7,8 38:7,13 45:3 45:4 56:12,24 58:1 120:21 138:10,11

managers [4] 39:18 144:7 217:6 218:12

managing [6] 128:4 132:8 140:9 159:20 213:25 215:9

mandate [2] 16:1 179:22 **Manitoba** [1] 14:13 **March** [1] 63:17 market [10] 6:5 17:6 80:10 83:12 85:22 90:2 90:11 94:6 96:6 97:16

markets [7] 13:21 14:5 14:23 15:23 16:17 17:2 89:25

Martin [6] 44:15 114:1 123:19 124:2 140:23 141:24

Martin's [1] 111:13 materially [2] 6:23 7:1 matrix [10] 42:7,15,19 129:18,21 130:3 133:19 134:25 135:3,5

matter [3] 177:24 197:1 225:3

matters [1] 1:3 **maturity** [1] 90:4

may [25] 5:15,15 33:21 49:9 52:1 63:6 67:1,7 78:6 79:3 89:18 92:7 93:22 94:22 97:5,18,18 114:20 125:9 141:8 143:21 146:3 154:3 157:16 210:4

MBA [2] 3:20 4:9

McDonald [3] 121:12 129:18 147:19

mean [16] 41:16 44:1,23 50:15 74:7 82:1 96:3 101:9 102:8 112:4,5 126:18 128:22 158:20 167:8,13

meaning [1] 100:3 means [8] 5:22 13:25 14:3 100:6 126:21,24 158:20 225:8

meant [4] 12:5 13:16 74:3,10

measure [1] 132:23 measured [2] 140:24 142:6

measures [5] 132:18 135:14 136:10 147:20,21 **measuring** [1] 140:12

mechanism [5] 7:15 19:18 71:19 73:5,8

mechanisms io 5:4 17:21 18:1,11,15,22

meet [1] 106:17 meeting [6] 24:9 45:13 135:18,20,22 139:10

meetings [35] 24:5,8 28:17,21 29:1 38:21,22 38:23 39:1,4,18 40:3 42:5,16,17,22 44:16 45:7 45:18 106:15 108:2 109:14 111:9 114:15 131:1 134:16,17 135:1 142:11,21 144:6 216:5 217:3,5 218:11

megawatt [1] 142:7 member [1] 28:11 members [1] 48:24 memo [1] 129:3 **Memorial** [2] 4:9,10 memory [1] 119:15 mention [1] 28:16 mentioned [12] 9:19 19:5 55:18 63:9 73:13 82:7,21 111:23 120:18 131:10 135:23 207:21 merely [1] 162:12

Merrill [1] 83:11 met [1] 38:8 methodology [4] 85:6 149:16 158:12 159:9

methods [1] 149:19 metric [1] 132:22 metrics [3] 104:6 136:4

136:6 **Michael** [1] 38:9 **mid** [3] 6:5 62:18 66:13 **middle** [3] 21:8 183:7 194:18

midyear [1] 39:23 might [10] 10:12 20:25 23:2 31:10 62:20 107:25 131:13 148:3 172:2 224:15

million [35] 5:24 7:22 8:5 8:22 102:18 152:20 153:4 153:5 154:5,15 155:8,22 155:23 156:9 164:8.20 170:21 176:18 187:12 188:5 196:8 198:25 199:3 199:19.20.20 201:20.22 204:23 206:15,18 209:23 217:25 219:3,4

mind [3] 78:24 84:5 168:24

mine [1] 122:22 minus [2] 5:20 137:7 **minutes** [1] 12:21 minutia [1] 41:5

NL Hydro GRA missing [1] 32:11 **modelling** [1] 58:5 modification [1] 13:6 moment [3] 79:3 91:10 117:11 Monday [1] 24:9

level - Ms

40:17 46:19 47:23 165:5 month-end [5] 213:12 213:12,14,16,18

month [8] 40:11,11,15

money [1] 180:2

monthly [16] 28:17 38:20 47:20,23,24 63:10 63:12 64:14,16 133:21 134:15,16 137:17 143:23 143:24 216:5

months [6] 56:18 154:6 154:6,10 183:17 214:9

morning [3] 20:22 24:9 62:18 Moss [2] 225:2,12

most [2] 7:13 14:1 mostly [2] 119:5 125:1 move [2] 105:22 107:13 **moved** [4] 4:1 30:8 37:23 37:25

moving [1] 13:2

Ms [574] 1:4,17,18 2:18 2:22 3:13,16 4:17,19,25 5:5,8 6:17 7:19 8:1,17 9:15,24 10:25 11:20 12:23 21:6,10,15,20 22:1 22:5,9,14,23 23:6,10,18 23:23 24:7 25:3,21,25 26:11,17 27:6,16,24 28:1 28:8.13.18.22 29:2.11 29:17,24 30:3,9,14,19 30:23 31:4,8,14,18 34:13 34:15,19,23 35:3,8,13 35:19,24 36:5,10,14,20 37:3,10,17,22 38:1,5,6 38:12,17,24 39:13,24 40:5,10,16,21 41:7,12 41:17,25 42:1,12,21,25 43:4,11,20,25 44:6,17 44:22 45:2,10,19,21,24 46:4,12 47:5,10,15,22 48:2,4,7,11,13,15,19 49:1.7.12.20 50:1.13.20 51:1,12,21,25 52:1,8,20 52:21,25 53:5,10,21 54:2 54:11,23 55:13,17,24,25 56:4,11,16 57:1,8,12 58:23 59:4,13,20,24 60:9 60:24,25 61:15,22 62:2 62:9,13,21 63:3,13,19 64:2,7,11,15,21,24 65:8 65:12,16,22 66:1,4,7,19 66:25 67:6,12,20 68:2,6 68:10,14,19 69:14 70:11 70:18.22 71:3.10.20 72:4 72:10,14,21 73:6 76:9 76:10 84:10 97:11 98:20 105:19 106:7,12,23 107:2 107:6,13,16,22 108:5,10 108:15,25 109:13,19,23 110:2,6,19,21,25 111:4 111:18,24 112:3,10,25

113:12,17,22 114:6,14 115:3,7,23 116:6,14,19 117:21 118:17 119:8,14 120:6,17 121:6,17,21 122:1,13,17 123:3,10,25 124:5,11,15,20 125:7,15 126:1,16,23 127:6,11,16 127:21 128:3,17,21 129:1 129:6,12,22 130:2,9,16 130:25 131:9,17 132:11 132:21 133:2,8,15,22 134:3,7,11,17,18,22 135:2,7,11,17,21 136:2 136:7,15 137:25 138:5,7 138:14,22 139:3,12,21 140:11,16,21 141:4,12 141:23 142:13,22 143:8 143:14 144:2,16,21 145:5 145:12,18,22 146:1,8,12 147:1,6,13,23 148:6,10 148:18,23 149:7,25 150:10,13,19,25 151:12 151:17,22 152:7,13,25 153:5,7,16,22 154:7,14 154:20 155:10.14.17.19 156:1,5,10,15,20,25 157:11,17,25 158:7,16 159:1,10,18 160:5,10,20 161:4,11,15,16 162:1,7 162:15,19 163:4,13,21 164:2,10,15,21 165:1,11 165:16 166:11,21 167:4 167:9,14,22 168:1,9,16 169:5,14,24 170:11,17 170:23 171:2,8,12,19,23 172:5,9,14,18,23 173:2 173:8,12,21 174:7,16,23 175:4,8,14,20,24 176:3 176:11 177:11 178:1,22 179:6 182:12,16,20,25 183:4,11,24 184:3,16 185:3,7,12,20,25 187:16 188:2,8 189:1,5,13,18 190:3,22 191:3,9,13,19 191:23 192:2,6,17 193:2 193:9,13,19,23 194:3,9 194:22 195:1,7,23 196:12 196:16,22 197:3,13,22 198:4,13,20 199:5,9,15 199:24 200:5,10,23 201:6 201:12,24 202:3,11,20 202:24 203:5,23 204:7 204:14,16,18,19 205:2,7 205:11,23 206:7,13,20 206:24 207:7,20 208:8 208:12 209:3,8 210:1,7 210:24 211:3,15,25 212:7 212:17 213:9,13,15 214:5 214:19 215:3,13,21 216:4 216:10,16 217:16,21 218:3,9,22 219:7,9,18 219:23 220:3,10 221:1,9 221:14.19 222:2.10.16 223:24 224:6,10 **Muskrat** [1] 102:17

-N-

Nalcor [43] 2:3,9 3:22 3:25 4:11 6:21 10:9 11:4 11:9,10,11,17,18,25 12:14 24:19 28:6,25 30:18 32:23 33:1,3,7 36:4,6,9 37:18,20 44:20 44:23,24 45:3,11,25 76:1 81:9,12 102:17 106:21 107:3,5 131:24 136:24 Nalcor's [2] 10:22 81:2 named [1] 36:11 namely [1] 89:24 Natural [1] 67:14 nature [3] 10:1 12:25 78:13

NB [1] 181:9 **necessarily** [5] 39:10 146:22 153:17 167:8,13

necessary [6] 9:10 72:19 100:22 177:8,22 179:3

need [15] 16:14 62:8,12 66:16 67:4,8,8 89:9,9 100:14 115:14 121:3 122:12 123:9 175:9

needed [6] 16:22 39:14 61:8 122:11 125:3 178:14

needs [1] 98:25

neither [2] 60:13 68:24 **net** [11] 8:4 101:12 135:22 138:16,19 173:9,14 176:17,18 186:8 213:21

never [5] 44:2 69:11 77:12 128:14 162:4

new [26] 5:4 6:19 17:20 17:25 22:15,17 25:14,24 28:4 61:16 62:8 66:5 116:8 118:24 119:1,5,6 119:13,18 125:1 146:3 174:20 180:10,11,16 219:5

Newfoundland [17] 2:4 2:6 3:8 20:11 71:6,8,14 72:1 79:8 83:9 91:24 103:9 136:24 223:9 225:4 225:7,10

next [9] 71:24 72:5,8 82:6 88:12 92:20 118:23 150:18 220:14

nine [3] 110:20,22,24 ninety-seven [1] 198:24

NLH-228 [1] 24:15 NLH-254 [1] 79:8

NLH-411 [1] 12:1

nomenclature [1] 138:1 non-heritage [1] 19:12 normal [4] 188:22

190:19,19 195:24 **normally** [1] 195:20

note [5] 12:16 91:21 134:12 156:21 219:2

noted [8] 12:10 28:2 84:11 97:12 105:20 117:22 162:24 224:11

nothing [2] 16:23 91:6 **noticed** [1] 216:13 **notion** [1] 100:11

November [14] 53:2 66:24 108:4 161:9 162:25 163:8,14 165:15 168:4,4 223:15 224:1 225:5,11 **now** [40] 5:3 9:15,18 17:22 18:5,21 19:10 22:8 23:13,15,19,22 25:22 29:5,9 34:13 64:18 78:5 79:23 88:19 101:11 103:3 106:4 118:8 119:15 134:15 176:5 188:13 190:10 194:16,23 195:2 196:5 197:4,6 204:25 210:16 213:23 214:3 221:22

NP-307 [1] 152:11 NP-NLH [1] 148:3 NP-NLH-20 [1] 220:16 NP-NLH-307 [1] 198:12

NP-NLH-313 [1] 10:1 NP-NLH-369 [1] 61:2 NP-NLH-374 [1] 108:6 NP-NLH-384 [2] 157:15,18

NP-NLH-386 [1] 155:15

NP-NLH-394 [1] 149:1 **NP-NLH-395** [1] 149:2

nuances [1] 209:12

number [29] 11:1 15:6 17:5 24:16 47:3 48:5 53:6,23 95:4 101:18 104:4,19 105:8 110:15 118:12 120:11,13 122:23 126:2 132:4 133:4,5,10 151:4,19 177:4 178:15 221:15 222:6

numbered [1] 164:13 **numbers** [23] 52:4 54:6 54:7,14 55:21 63:7 97:17 105:1 109:7,9 120:10,19 128:10 140:18 154:15 165:20,22,23 202:13 203:1 215:15,16 220:12

numerator [1] 140:13

O [13] 112:18,24 114:4

118:11 123:23 124:9

-O-

128:24 129:10 135:15 137:3 140:18 142:5,14 **O&M** [9] 169:20 179:2 200:17 210:25 211:2,19 211:22 212:1 222:5 **O'Brien** [626] 20:18,20 20:21 21:12,17,23 22:3 22:7,11,16 23:4,8,12,20 23:25 24:13 25:13,23 26:7,13 27:3,10,20 28:3

20:21:71:1,16:23:4,8,12,20 23:25:24:13:25:13,23 26:7,13:27:3,10,20:28:3 28:10,15,20,24:29:4,15 29:21:30:1,7,11,16,21 30:25:31:6,12,16,20,24 32:4,8,17,22:33:2,6,11 33:16,20,25:34:4,10,17 34:21,25:35:5,10,16,21 36:2,7,12,16,23:37:5,14 37:19,24:38:3,10,16:39:9 39:20:40:1,8,14,18:41:3 41:10,15,22:42:3,14,23 43:2,6,13,22:44:4,14,19 44:25 45:8,17,22 46:1,6 47:1,7,12,17,25 48:9,17 48:21 49:3,10,14,22 50:11,18,24 51:5,14,23 52:6,10,23 53:3,8,17,25 54:4,18 55:6,23 56:2,7 56:14,22 57:3,10,14,21 58:6.12.18 59:2.9.15.22 60:5,12,17 61:12,19,25 62:5,11,15,25 63:8,15 63:25 64:5,9,13,17 65:5 65:10,14,18,24 66:3,11 66:23 67:2.9.17.24 68:4 68:8,12,16,21 69:5,16 69:24 70:9,13,20,24 71:5 71:12,25 72:7,12,17 73:1 73:11,21 74:6,15,23 75:10,20 76:2,8,18 77:2 77:6,11,17,25 78:16,25 79:4,12,18 80:3,11,19 80:24 81:10,15,19 82:4 82:10,16,20,24 83:17,21 83:25 84:4,12,17,22 85:3 86:11,18,24 87:3,7,11 87:19 89:15 90:17.23 91:5,11,18 92:1,12,17 93:2,11,16,25 95:6,15 95:20,24 96:12,21,25 97:19,23 98:3,8,13 100:13,23 101:25 102:7 102:15,22 103:10,15,24 105:6,13,21 106:10,19 106:25 107:4,8,12,18 108:8,12,17 109:11,15 109:21 110:4,14,23 111:12,21 112:1,6,14 113:8,14,20,25 114:12 114:23 115:5,21,25 116:10,17,21 117:1,8,23 118:3,7,19 119:10,20 120:15,24 121:13,19,23 122:7 123:1,5,21 124:3 124:7,13,17,24 125:13 125:18 126:10.19 127:4 127:9,13,18,25 128:12 128:19,23 129:4,8,14,25 130:4,14,18 131:6,15 132:5,17,24 133:6,13,17 133:24 134:5,9,14,20,24 135:4,9,13,19,25 136:5 136:13,19 137:8,14,22 138:4,9,18,24 139:15,23 140:14,19 141:2,10,15 142:3,18 143:4,12,22 144:12,18 145:1,10,14 145:20,24 146:5,10,20 147:4,9,16 148:1,8,12 148:21 149:4 150:4,16 150:21 151:5,15,20 152:4 152:9,15 153:2,10,18,24 154:9,18 155:1,12,21 156:3,7,13,17,21,23 157:5,9,13 158:4,9,24 159:6,13,21 160:7,17,24 161:6,13,19 162:3,10,17 162:21 163:6,18,23 164:5 164:12,17,23 165:3,13 166:7,15,23 167:6,11,17 167:24 168:3,13,23 169:9 169:18 170:4,14,19,25 171:4,10,17,21 172:7,11 172:16,20,25 173:5,10 173:15,25 174:9,18 175:1

175:6,11,17,22 176:1,13 177:18 178:18,24 179:13 181:6,14 182:2,7,14,18 182:22 183:2,6,20 184:1 184:13,22 185:5,10,15 185:22 186:23 187:21 188:6,19 189:3,8,16,24 190:18,25 191:5,11,15 191:21,25 192:4,11,21 193:4,11,15,21 194:1,6 194:13,24 195:5,18 196:6 196:14,18,24 197:8,19 198:1.9.22 199:7.11.17 200:1,7,18 201:1,8,16 202:1,5,16,22 203:2,14 204:3,9,21 205:4,9,16 206:4,11,22 207:1,9 208:2,10,20 209:6,17 210:3,12 211:1,13,20 212:3,12,21 213:11,17 214:15,25 215:8,19 216:2 216:12 217:11,18,23 218:5,19,24 219:12,20 219:25 220:7,15 221:3 221:12,17,21 222:7,12 222:18 223:2 224:2,8,12 224:19

obligated [2] 74:19 76:5 **obligation** [9] 15:10 75:2,2,7,12 77:14 78:2,6 215:11

obligations [1] 73:17 observations [1] 99:24 obtain [1] 88:15 obtaining [1] 88:2 obviously [7] 13:22 77:9

obviously [7] 13:22 77: 142:24 146:21 168:19 178:13 204:5

occasions [2] 15:6 24:17 occur [3] 177:13 216:23 223:15

occurred [3] 23:11 46:23 209:12

October [4] 9:18 67:1,1 108:3

off [8] 55:15 62:20 142:23 157:15,19 166:9 168:19 186:15

offering [2] 84:6 99:24 **office** [7] 3:24 37:11 106:9,11,14,21 107:7

officer [2] 24:21 52:14 offset [2] 91:2 125:11

offsets [1] 159:5

OIC [1] 74:20 **older** [1] 23:7

once [18] 39:17 59:19 66:20 67:25 106:13 109:6 109:22 123:16 128:6 130:5 132:6 165:23,23 171:9,13 197:23 220:5

one [96] 2:7 5:23,23,23 7:9 9:20 12:11,11 14:19 15:7,19 17:19 18:5 19:1 21:22 32:15 38:7 43:18 51:9 57:25 58:21 59:21 59:23 60:13 61:3,7 68:24 72:13 75:6 79:7 80:6 82:21 85:18 86:25 87:2 87:6,8 88:22 89:10,12 90:5,6,14 91:8,10,21

93:17 94:3 96:10 98:18 99:19 100:20 103:6 104:7 106:3 109:5,25 112:11 116:7 117:11.15 118:23 128:22,24,25 137:1,1 139:18 140:6 143:21 145:6 148:2,3,4,9,11,16 149:5 150:1,9 165:24 182:19 187:24 188:4

193:10 198:15 199:1 200:3,25 212:23 215:17 218:14,15,18 221:4,10

ones [12] 11:24 104:5 141:6,24 142:1 145:7,8 145:13 148:15.19 214:12 218:14

ongoing [2] 24:11 26:3 **Ontario** [1] 14:12

onwards[1] 105:15

opening [2] 118:20 187:3 operating [41] 61:6,14 61:20 109:17 112:15 119:3 126:6,13,22 132:22

135:23 138:17,19 140:9 141:13,25 145:15 149:13 149:14 159:23 198:11,16 198:23 200:9,12,21 202:8 203:4 204:12 205:22 207:5 208:25 212:24 213:21.21 215:10 216:14

217:14 219:21 221:5 222:5

operation [4] 135:5,15 139:17 213:25

operations [15] 32:16 33:5 34:9 40:12 46:22 58:1 131:18 135:24 136:1 147:15.20 149:2 151:25 158:18 203:11

operations' [5] 200:14 209:10 211:18 214:12 215:5

opinion [6] 5:16 18:24 76:20 96:14 104:6,25

opinions [1] 99:25

opportunity [13] 9:9,11 80:13 120:20 133:4,12 133:14 137:23 138:3.21 163:1 177:1 178:16

Ops [1] 147:14

order [53] 12:4 17:9 61:9 69:6 71:1,6,15 73:4,25 79:15,20,21 80:18 84:3 103:3 162:23 163:8,9,20 166:6 169:1,7,17 170:1 170:13,16 171:9,13,15 171:16 172:10 173:4 174:4 177:21 178:7.12 178:14 182:11,24 183:16 184:9 185:4,8,17 189:20 193:25 194:2,4 195:3,8 197:5 198:6 203:21

ordered [1] 170:7 orders [1] 169:22 organization [5] 42:7

42:15,20 43:10 211:7 organizational [1]

original [2] 18:23 53:11 originally [2] 22:25 190:4

ours[1] 83:14

outage [9] 153:17 155:18 155:20,23 156:2,4 207:14 208:15 218:17

outages [3] 152:24 154:12 207:18

outer [1] 101:7

outlier [2] 208:6 209:2 **outlined** [3] 19:21 131:4

195:9 outlines [1] 108:9 outside [2] 39:4 76:17 outstanding [7] 83:16 101:12,14,20 102:2 196:1

196:2 overage[1] 144:23 overall [3] 100:21 123:22 132:7

overrun [1] 102:18 overs[1] 132:16 oversaw [1] 160:21 **overseeing** [1] 35:18 overseen [2] 58:13

160:18 oversight [2] 24:24 25:16

overtime [22] 125:10 146:18 150:18 151:2,10 151:24 152:1,17,19 154:11 155:4,5,6,16,22 155:24 156:9 157:23 158:14 206:13,16 207:22

overview [1] 35:11

own [10] 99:16 106:17 110:7 121:18,20 122:4 132:10 136:23 139:9 199:1

owned [4] 11:11 13:13 13:18 19:3

owner [4] 120:7 132:9 136:23 159:7

owners [6] 118:25 119:22,24 120:3 130:6 155:5

-P-

p.m [6] 143:3 157:24 173:20 187:15 203:22 224:21

P.U [3] 16:9,10,19

page [28] 5:25 7:2,9 21:3 34:16,18 86:12,13 89:19 91:14 92:19 98:18 106:3 106:4 112:17 152:11 159:25 176:4,5 187:1 194:14,17 198:12 213:4 213:4 219:14 220:22 221:4

pages [1] 118:13

paid [6] 5:22 11:24 73:16 81:4 88:8 93:21

panel [14] 1:20 4:18 55:10 114:25 128:8 149:2 166:18 198:18 200:14 203:12 209:10 211:18 212:19 214:12

paragraph [8] 100:25 112:21 118:21 124:25 149:15 150:18 176:7 194:19

parameters [2] 96:22 133:19

Pardon [1] 75:5 parent [2] 105:3,5 park [2] 110:18 152:23 part [56] 10:4 15:24 18:15 19:11 28:21 35:22 35:25,25 37:8 59:7 65:20 69:4 70:3.16 77:22 82:6 86:7 89:5 107:14 118:20 121:4 131:24 134:17 137:2 145:7 150:24 151:3 151:6,8 153:8,11,12,19 159:19 160:22 161:2,14 164:3 165:24 169:16 175:5,10,12 180:23 183:22 191:22 192:22 193:5,24 194:2 196:23 196:25 211:4 212:8

participate [5] 65:7 78:12 80:16 136:8,11

215:11 222:25

participated [5] 37:4 55:19 58:10 65:2 69:11

particular [39] 10:18 11:3,21,22,25 24:10 31:21 34:13 35:6 37:7 39:2 69:9 71:16 90:25 106:8 107:1,3 108:14 113:7,9 114:10 126:3 135:18 140:13 154:12 160:9,25 166:20 173:22 174:10 184:23 190:12 192:13 193:7 195:19 197:14,15 208:22,24

parties [4] 14:2 44:3,10 104:24

pass [3] 202:10 203:19 210:20

passed [2] 184:25 185:1 **past** [3] 14:16 16:6 17:13 pay [13] 15:12 53:7 74:1 74:13.19 75:3.15.18 76:5 78:7 115:10 127:24 137:20

payers [3] 181:3 202:10 203:20

payment [1] 87:23 **payments** [1] 12:16 payroll [4] 9:21,25 10:2 10:3

pays [2] 83:1,3 **Pelley** [142] 1:11,15,16 1:23 2:1,2 4:4 13:9,14 15:4 17:15,16 18:2 31:21 31:22 32:1,6,10,19,25 33:4,7,9,14,18,23 34:2,6

57:15,17,23 58:8,16 59:6 60:15 69:3,10,17,22 70:6 73:12,19 74:2,9,21 75:7 75:11,13,23 76:6,12,24 77:4,8,15,19 78:11,18 79:2,6,16,22 80:5,15,21 81:5,13,17,24 82:8,14 82:18.22 83:2.19.23 84:2 84:14,20 85:1,11 86:15 86:21 87:1,5,9,17 88:18 89:17 90:20 91:3,7,13 91:20 92:3,15,25 93:8 93:14.23 94:2 95:13.17 95:22 96:1,19,23 97:3,9 97:13,21 98:1,6,10 99:22 100:16 101:4 102:4,11 102:20 103:1,13,21 104:1 105:9,16 107:10 117:19 117:25 118:5 136:17.21 137:10,16 139:1,5 179:17 179:18 181:10,16 182:4 186:5

pending [1] 189:21 **people** [9] 25:10 44:23 50:14 109:4 114:16 128:5 131:18 146:3 160:11

per [1] 142:7

percent [47] 11:11 100:10 101:13,19 102:2 103:19 104:16 114:18 115:2 126:11 129:16 130:21 133:9.11.11.12 133:14 176:20,22,22,25 177:9,14,23 178:19 179:4 180:5,14 199:14,22 200:4 200:8 201:3,5,9,10,23 202:7 203:18 204:10.25 205:20 209:24 210:5,19 210:25 218:2

percentage [1] 176:24 **performance** [11] 137:3 137:19,20 138:15 139:7 139:8,11,19 140:1,4,7

performing [1] 36:18 perhaps [8] 86:16 89:5 116:22 129:9 150:14 152:10 153:25 184:9

period [9] 94:6,13 199:4 199:12,14 206:6,8,16 218:7

periods [3] 53:7 89:25 95:1

permanent [3] 115:10 115:24 125:11

permit [1] 98:24 **person** [7] 30:4,8 108:21 128:6 129:24 130:1 215:5

Personally [1] 57:18 perspective [20] 44:7 49:19 51:6 82:2 85:18 85:24 92:8 120:5 136:22 137:1 138:13 157:17 166:10 168:8 170:9 171:7 180:22 208:9 209:13 210:9

phone [1] 120:10 **phones** [4] 12:2 120:10 120:11,14

pick [2] 50:10,21

piece [13] 4:7 36:4,6 37:7 85:23 136:12 142:15 150:11,12,23,24 203:13 215:6

ones - possibly NL Hydro GRA

pieces [2] 207:13 208:23 **Pipeline** [1] 91:22

place [7] 72:24,25 109:5 121:7 143:20 146:23 190:8

placed [1] 17:6 **places** [1] 141:7 **plan** [15] 111:16,22,25 112:4,7 113:10 143:16 143:19,20 144:1,1,15 145:17 153:13,15

planned [1] 68:17 **planning** [2] 3:6 220:23 **plans** [7] 123:13 125:16 146:19,23,24 147:7

play [2] 64:18 116:11 **played** [1] 64:21 **plays** [1] 16:21 **plus** [2] 5:20 137:7

point [34] 10:11,19 42:10 61:20 76:9 83:4,12 89:9 89:20 90:4 91:15 94:4 96:8 101:8 102:19 105:2 110:1 142:21 146:13 162:11 163:19 165:20 166:5,13 178:5 180:5 183:9,12 184:7,17 186:6 186:12,17 220:24

points [21] 83:15 84:25 88:7 90:11,15 92:22 93:6 93:19,20,21 94:1,9,23 95:2,10 96:16 97:15 98:12 117:14,16 186:25

policies [1] 55:20 policy [1] 79:14 poor[1] 99:12

portion [4] 3:20 6:11 176:2 189:15 **portions** [1] 169:10

position [57] 1:24 2:20 3:14 6:7 16:16 18:18 21:7,14,19 22:4,8,12,15 22:17 25:14,24 26:2,14 28:5 29:18 30:5,18,20 30:24 31:3 32:24,24 33:1 33:13,22 34:8 36:13 56:10 66:5 70:2,15,25 71:16,21,23 72:18 73:24 74:24 75:14 78:22 79:9 88:16 94:17 96:2 99:12 123:2,6 146:25 166:16 178:9 181:9,13

positions [8] 3:4 22:21 24:19 32:14 44:20 48:24 116:9 151:19

possibility [3] 104:18 104:19,20

possible [5] 146:9 168:25 169:1 183:15,15 **possibly** [1] 148:4

post [1] 179:24 **posting** [1] 181:21 potential [4] 9:19 13:23 101:10 186:15 potentially [2] 146:18 186:7 **power** [11] 3:8 16:2 20:11 71:6,9 72:1 79:8 83:9 179:23 180:12 181:9 **Power's** [2] 71:14 223:9 **practice** [1] 191:8 **pre-filed** [1] 20:2 **precedent** [5] 16:7 19:15

85:19 86:6 88:23 preliminary [1] 1:3 **premise** [1] 181:3 preparation [5] 56:6 57:19 58:2 161:15 202:6 **prepare** [3] 52:17 160:15 161:8

prepared [10] 52:3 54:7 54:9,15 59:19 107:20,21 109:1 160:8 161:18

preparing [1] 58:14 present [5] 33:12 45:18 114:21 120:21 191:6

presentation [7] 68:13 68:15 116:15 131:7,20 131:23,25

presented [4] 53:12 151:4 158:18 177:4 **presenting** [3] 67:22

120:19 158:21 **Presently** [1] 33:15

president [2] 23:19 52:13

presume [6] 42:8 48:3 68:22,23 69:19 170:21

presumes [1] 95:18 **presumption** [1] 180:20 preventative [2] 153:14 207:16

previous [14] 3:7 25:19 37:8.15 47:3 104:24 111:8,8 112:22 113:5 127:1 201:4 214:2 219:14

previously [3] 7:10 75:8 141:25

price [3] 5:19 6:3 7:12 pricing [1] 85:25 **principles** [1] 89:2 private [1] 3:21 problem [1] 27:25

proceed [1] 108:3

proceeding [2] 72:23 89:4

process [41] 36:22 39:16 39:17,22 46:15,17 47:2 50:7 53:15 60:23 61:5 65:1 105:24 107:23 111:11 112:21,24 114:8 115:15 116:1 118:21 119:4,5,6,21 122:14 150:8 154:23 158:11,15

158:19 159:17 163:16 190:20 192:10,12,19,22 193:16 223:12,13

processes [1] 109:16 produce [2] 119:24 129:20

produces [3] 106:5,21 107:1

producing [1] 107:14 **production** [1] 6:22 **productivity** [12] 147:21 149:12,17 151:9,14 158:2 158:13,14,22 159:8,16 210:21

professional [13] 119:2 125:22 126:5,12,21 127:7 207:8,10,11 208:5,14,18 218:15

profit [1] 179:24 **profits** [1] 181:21 **program** [1] 111:15 **progressed** [1] 178:11 progressing [1] 135:1 **project** [3] 13:1 46:2 102:17

projects [5] 119:3 126:6 126:13,22 136:9

proposal [5] 77:1,3 85:14,17 177:17

proposals [6] 163:1,11 176:16 177:5,7 178:20

proposed [10] 5:3 6:8 7:24 17:21,25 162:8 173:14 176:21 186:3 191:7

proposing [6] 6:15 8:15 8:21 18:22 19:25 20:12

protected [2] 42:19 43:9 **provide** [33] 5:11 6:9 11:6,12 12:3,8 16:1 25:17 27:23 28:5 41:1 51:11 61:9,9 83:8 84:6,7 122:20 130:23 132:14 156:14 176:19.25 178:15 179:23 191:24 215:14 217:8,9 223:8,16,21 224:1

provided [16] 7:21 24:25 25:19 31:17 66:21 69:7 73:15 118:15 124:23 174:21 205:24 206:9 220:6 222:14 223:1,10

provides [2] 71:1 90:1 **providing** [7] 6:13 11:16 111:7 202:14 203:25 210:10,11

province [14] 13:12 14:14,15 20:10 75:24 88:4,10 99:2,8,15 103:8 180:10,16 186:20

province's [11] 99:11 99:14 101:1,11,14,19,23 102:2,9 105:7 186:20

provincial [4] 14:4 16:12.15 91:25 **provision** [1] 9:6

proxy [1] 55:1 **prudence** [4] 153:8 165:7 169:13,16

prudency [2] 183:22 184:5

prudent [1] 203:25 **PUB** [5] 11:25 24:14 141:1.8 218:17

PUB-097 [1] 18:9 PUB-098 [1] 18:7

PUB-138[1] 29:6 PUB-228 [3] 24:16 46:8 48:3

PUB-388 [1] 19:21 PUB-NLH-021 [1] 148:20

PUB-NLH-058 [1] 79:7 PUB-NLH-059 [1] 89:11

PUB-NLH-138 [1] 21:2 PUB-NLH-155 [1] 12:12

PUB-NLH-301 [1] 148:24

PUB-NLH-409 [1] 149:1

public [3] 4:13 60:22 225:6

pull [9] 7:2 24:14 40:22 48:2 89:9,10 213:1 215:14 222:14

pulling [1] 184:19 purpose [3] 8:18 9:2 187:8

purposes [5] 42:9 108:20 124:8 179:20 188:9

purview [1] 102:13 **push**[1] 181:13

put [21] 78:9 88:22,25 104:24 105:1 129:19 150:22,23 151:2,6 162:5 165:19 177:16 184:7 200:11 204:1,5 208:6 209:14,21,22

puts [2] 51:16 108:24 **putting** [9] 77:23 78:14 90:10 104:18 108:22 118:22 180:20 189:25 209:5

puzzle [1] 207:14

-Q-

quality [2] 136:10,14 quarter [3] 40:3 63:6 144:6

quarterly [9] 26:22 39:15 40:3 47:19 140:3 143:24 144:3 217:2.2

Quebec [7] 14:10 82:21 83:1,3 85:20 88:24 93:12 questioning [1] 224:15

questions [7] 9:16 13:9 36:21 65:1 74:18 82:13 148:16

quick [1] 117:11 **quoting** [3] 94:5,14 97:15

-R-

raise [3] 13:24 95:7 201:2 raised [3] 142:11,20 212:5

raising[1] 63:16 range [16] 8:10 83:15 88:5 93:19 102:18 143:7 176:21 177:15 179:11,12 180:25 181:1,4,22 199:20 199:21

ranges [1] 95:9

rate [38] 8:8,16,25 55:10 55:15 58:20 59:17 60:8 62:8 76:23 80:2 97:20 98:5 124:8 152:5 159:25 163:25 173:17 176:20,22 177:2,13 178:16 179:2,8 179:9 181:3 187:4.6.11 187:14 188:21 189:12 196:11 202:10 203:20 209:21 225:4

rates [41] 3:4 8:19 14:10 15:18 16:8,23 21:21,24 26:25 29:20 56:13,24 57:15 61:9 74:5,8,14 77:24 98:17.23 113:23 162:5,6 163:20 164:18 170:3 174:4 176:9 177:20 177:22 182:11 188:16 189:20,22 190:1,2,7,17 209:5,15 211:9

rather [1] 12:21 rating [25] 2:15 16:17 91:25 99:8.9.11.14 100:2 100:9,18,18,21 101:1,11 101:15,21 102:9,13,24 103:5,20 104:4,21 105:7 186:10

ratings [4] 91:23 92:10 103:16,17

rationale [1] 15:18 re-run [1] 198:6 reaching [2] 102:1 168:11

read [2] 16:10 89:20 **ready** [2] 1:10 165:22 real [1] 111:14

realize [3] 103:6 184:14 184:18

realized [2] 184:11,15 really [17] 13:2 16:24 17:7 41:20 45:6 51:7,9 74:17 81:6 101:24 103:19 144:24 155:7 178:19 180:18 216:21,24

reason [9] 12:3 22:17,24 61:3 72:20 94:18 156:8 211:4,5

reasonability [1] 80:9 reasonable [36] 9:11 16:4,23 17:5 61:10 75:17 83:13 94:13 120:1,5

121:3 163:1,10 164:4 167:3,8,13 173:17 177:1 178:16 179:22 180:19,23 181:22 200:2 202:9 203:24 204:4.5.6 205:6 205:21 206:6 210:5,8 214:17

reasonableness [3] 82:5 84:19 167:19

reasons [7] 6:18 48:25 61:4 154:13 206:1 214:14

reassessment [1] 192:15 recap[1] 17:8

receipt [1] 223:17 **receive** [1] 177:8

received [6] 15:14 17:9 105:3 176:9 213:3,6

receives [2] 103:18 111:3 **receiving** [1] 96:11

recent [8] 23:15 24:1 27:12 31:2 102:16 213:2 213:5,5

RECESS [1] 117:4 **recipient** [1] 87:22 recognize [4] 94:3 172:6 172:8 173:3

recognizes [1] 16:14 recollection [3] 44:21 66:18 142:20

recollections [2] 211:21 212:4

recommended [1] 12:19 record [19] 1:10,24 17:7 28:2 84:11 89:21 97:12 105:20 117:22 134:13 154:4 156:22 170:12,16 171:14 174:20 175:5 220:2 224:11

recorded [1] 170:21 recover [6] 16:8 85:21 144:15 145:4 171:20 192:25

recovered [3] 15:18 74:14 162:5

recovery [27] 15:2 18:11 18:22 98:25 143:16.19 143:19,20,25 144:1,14 145:17 163:25 167:25 169:3 176:24 177:9 178:20 179:4 182:10.13 193:18.20 194:11 198:3 209:16 219:15

reduce [8] 118:24 119:22 146:21 151:10 155:4,5,8 188:11

reduced [1] 151:2 **reduction** [3] 125:10,10 185:17

reductions [2] 152:1 207:25

refer [2] 89:13 148:2 **reference** [7] 7:8 18:6 32:3 78:23 79:23 91:8

referenced [2] 12:12

212:2 213:8 218:25

right-hand [1] 32:5

risk [4] 2:11 5:6 100:4

risks [2] 18:12 186:16

Roberts [2] 121:12

ROE [12] 19:4,7,11,13

ROEs [2] 20:5 71:21

role [29] 2:5 3:9 16:21

24:25 25:2 26:15 27:17

35:7,12,22,25 36:4,19

37:1.8.15.21 46:13.19

50:10 57:4 64:18,19,22

roles [4] 4:12 23:2 64:20

Rolph [3] 9:18,23 86:25

66:4 116:11 122:19 216:4

69:13 71:17 72:1,2,5,22

221:22 224:3,13

104:8

129:17

216:4

116:13

roll [1] 217:3

Rolph's [1] 9:17

room [1] 130:6

rotate [1] 89:18

roughly [1] 164:24

RSP [22] 8:7 161:24

197:20,25 198:6

162:9 194:17,19,21 195:4

195:10,13,17,20,21,25

196:13,20,23 197:1,6,10

72:25 73:5

risky [1] 92:7

85:25

referencing [2] 11:22 163:5 referred [1] 151:13 **referring** [3] 25:22 149:20 150:6 **refiled** [1] 61:4 **reflect** [3] 8:23 187:3 219:17 reflective [6] 49:17,25 52:4 53:2,18 214:17 regard [4] 9:25 144:20 168:15 216:9 **regarding** [1] 10:22 regardless [2] 5:14 83:20 regards [1] 53:1 **Regie** [2] 83:6,13 regions [5] 109:2 113:4 114:16 154:16 155:3 regular [11] 24:4,5,8,9 28:16 36:17 39:11,11 42:17 47:18 54:20 regulated [3] 18:17 43:8 91:23 **regulation** [1] 56:24 regulatory [24] 2:25 21:21 26:4,8,10,18,24 27:1,4 29:13 38:8 56:13 56:25 57:6 85:19 86:6 89:4 123:11 160:13,16 186:15 188:22 190:20 191:8 **relate** [2] 187:13 214:7 related [16] 9:20 12:1,14 25:11 152:23.23 153:17 156:2,4 175:3 207:14,18 207:24 215:22 219:6,8 **relates** [3] 10:5 126:14 195:19 relating [2] 9:21 148:19 relation [1] 126:24 relationship [6] 2:13 17:24 24:3 27:18 101:5 186:19 **relatively** [1] 142:8 relevant [4] 11:5 17:13 58:11 89:3 **reliability** [1] 147:11 **reliable** [2] 16:1 179:23 relied [1] 165:8 **relief** [1] 197:17 rely [2] 15:22 16:25 relying [1] 80:22 **remaining** [2] 214:8 217:4 **remember** [4] 63:4 84:16 97:5 133:10 **reminded** [1] 117:2 remove [2] 189:15,19 removes [1] 89:7 repair [1] 207:15 **repeat** [3] 33:21 70:12 189:6

rephrase [1] 221:18 report [23] 22:19 23:14 23:19,21 26:21 32:15 58:14 84:18 85:8 86:10 86:12.19.20.22 87:12 90:25 91:14 92:19 136:6 140:3 141:1 168:21 219:11 reported [1] 141:1 **reporting** [11] 3:23 24:3 26:22,23 27:13,17 35:14 38:14 136:3 141:8 197:16 **reports** [8] 29:7,10 30:5 30:12 38:4,7 57:25 89:12 representative [1] 55:4 representing [2] 45:13 45:14 represents [1] 15:20 request [8] 7:15 15:2 149:9 166:20 167:20 193:18 194:21 219:16 requested [3] 116:9 194:20 223:16 requests [1] 223:7 **require** [1] 13:5 **required** [9] 39:5 115:13 116:9,13 123:14 154:11 154:23 187:23 212:10 requirement [10] 9:2 70:4 112:12 121:11 122:2 161:10 185:18 187:3,9 219:17 requirements [7] 8:19 27:14 124:18 129:11 154:22 207:15 212:15 **residual** [1] 18:12 resolved [1] 44:3 **resource** [1] 10:15 resources [18] 10:16 54:15,19,21 67:14 111:16 111:22 114:25 115:9 121:8,9,14 122:15 123:14 127:22 128:8 130:13 131:11 respect [20] 5:3 6:24 7:7 9:19 15:9,16 16:24 38:20 43:16 50:2,14 84:23 117:13 121:1 126:21 170:8 182:3,5 202:14 210:25

responded [1] 11:2

223:8

34:12

215:25

responding [1] 64:25

response [3] 18:9 19:20

responses [3] 74:25 90:5

responsibilities [1]

responsibility [1]

132:8,12 215:5

rest [1] 49:4

responsible [10] 2:5,24

4:18,20 35:17 120:7,18

restructuring [4] 23:16

revise [4] 49:4,8,8,9 **Revised** [1] 118:21 **Revision** [4] 24:15 152:14,16 220:17 **RFI** [17] 10:1 11:22.25 12:11 18:4 22:25 61:1 153:1 155:11,15 163:16 192:10 223:16 **RFIs** [12] 11:1 58:10 223:19 **right** [89] 1:7 3:13 9:15 21:8,9,24 23:9,13 30:2 31:1,25 32:2,9,18 33:7 respectively [1] 88:11 34:5,11,18 37:25 41:1

24:2 27:12 31:2 result [3] 91:1 176:17 185:16 resulted [1] 154:15 results [8] 6:24 7:25 40:7 149:20 173:4 185:17 196:3,4 **retesting** [1] 193:1 return [38] 8:8 9:9.12 17:22.24 18:16.20 20:13 61:10 69:1,20 70:3,16 71:8,14 72:19 73:16 100:14,22 103:19 164:1 164:4,6,14,16,18 173:17 173:24 176:20.21 177:1 177:12 178:17 179:9 180:19 185:23,24 186:4 Rev [1] 51:22 revenue [22] 8:19 9:2 70:4.17 112:12 124:18 159:24,24 160:4,23 161:9 161:23 164:9,24 165:8 168:5 185:18 187:3,9 193:18 213:20 219:16 revenues [1] 13:24 review [20] 12:6 13:4 65:3 83:5 87:16 106:15 108:2 109:8 114:10.11 114:13 115:15 119:5,17 131:12 132:1 134:16 153:8 165:7 183:22 reviewed [4] 66:9 77:9 84:18 161:17 **reviewing** [1] 131:1 reviews [2] 131:11 192:8

rules [7] 43:16 195:21 196:21,23 197:1,10,20 run [2] 104:11.13 Russell [362] 1:11,17 2:18,22 4:17,19,25 5:5,8 6:17 7:19 8:1,17 21:6,10 21:15,20 22:1,5,9,14,23 71:23 78:23 108:6 150:15 23:6,10,18,23 24:7 25:3 25:21,25 26:11,17 27:6 27:16,24 28:8,13,18,22 29:2,11,17,24 30:3,9,14 30:19,23 31:4,8,14,18 65:19,23,25 147:24 192:8 38:18,24 39:13,24 40:5 194:7 207:22 208:4 223:9 40:10,16,21 41:7,12,17 41:25 42:12,21,25 43:4 43:11,20,25 44:6,17,22 45:2,10,19,24 46:4,12 47:5,10,15,22 48:4,7,11 48:15 49:1,7,12,20 50:1 42:4,11 50:25 53:4 58:7 50:13.20 51:1.12.21.25 66:8 68:7 69:6 71:2 74:1 52:8,20 55:24,25 56:4 76:3 81:16 84:25 87:16 56:11,16 57:1,8,12 58:23 92:24 97:25 98:18 101:11 59:4,13,20,24 60:9,24 103:3 105:22 106:22 60:25 61:15,22 62:2,9 108:14,16 109:18 110:1 62:13,21 63:3,13,19 64:2 113:11 114:1,5 115:2 64:7,11,15 66:4,7,19,25 118:4,16 125:4 127:17 67:6,12,20 68:2,6,10,14 133:16 138:1 140:20 68:19 69:14 70:11.18.22 142:19 150:20 153:15 71:3,10,20 72:4,10,14 154:19 156:6 161:3,10 72:21 73:6 76:9,10 108:5 169:4,19 170:22 174:6 108:10 109:23 110:2.6 176:10 178:21 182:10 110:21,25 111:4,18,24 183:23 189:4,17 195:2,6 112:3,10 122:17 123:3 196:4 197:4.6.12 198:19 123:10,25 124:5,11,15 200:11 204:13 208:3 124:20 125:7,15 138:5,7

138:14,22 139:3,12 140:21 141:4,12,23 142:13,22 143:8,14 144:2 144:16,21 145:5,12,18 146:12 147:6,13,23 148:6 148:10,18,23 149:25 150:10 155:10,14,19 159:1,10 160:5,10,20 161:4,11,15,16 162:1,7 162:15,19 163:4,13,21 164:2,10,15,21 165:1,11 165:16 166:11,21 167:4 167:9,14,22 168:1,9,16 169:5,14,24 170:11,17 170:23 171:2,8,12,19,23 172:9,14 173:12,21 174:7 174:16 176:11 177:11 178:1,22 179:6 182:12 182:16,20,25 183:4,11 183:24 184:3,16 185:3,7 185:12,20,25 187:16 188:2,8 189:1,5,13,18 190:3,22 191:3,9,13,19 191:23 192:2,6,17 193:2 193:9.13.19.23 194:3.9 200:5,10,23 201:6,12,24 202:3,11,20,24 203:5,23 204:7,14,18 205:7,11,23 206:7 208:8,12 209:3,8 210:1,7,24 211:3,15,25 212:7,17 213:9,15 214:5 214:19 215:3,13,21 216:5 216:10.16 217:16.21 218:3,9,22 219:7,18,23 220:3,10 221:1,9,14,19 222:2,10 223:24 224:6

-S-

safe [2] 16:1 179:23 **safety** [5] 25:11 45:4,4 136:10,14 **salaries** [22] 112:8,11 114:25 115:11 119:3 125:11,21 127:19,22 128:2.4 129:23 130:11 145:2,6 146:2 149:23 150:7,12,22,24 218:25 **salary** [13] 115:8,16 116:3 126:4 128:7,9 129:18,20 130:3,7 146:15 146:22 203:13 satisfied [4] 205:5,19 206:5 213:24 save [1] 125:5 savings [13] 85:6,9,9 87:13,21,24 88:9,14 89:7 91:2 95:11 96:16 117:18 saw [4] 22:21 128:14 150:8 209:23 **says** [4] 87:12 89:20 119:21 171:15 scales [2] 115:10 127:24 **scenarios** [1] 177:4

schedule [6] 39:11

106:13 109:14 136:10,14

schedules [4] 58:3,15

Scotia [7] 87:18,20 90:8

106:17 108:13

90:18,24 91:16,21 **Scotia's** [1] 89:12 **Scotiabank** [6] 87:12 87:14,15,20 93:5,12 **Scott** [3] 1:11,16 2:2 **scroll** [16] 98:19 129:9 140:6 141:18 142:4 148:5 150:2 153:4 157:21 177:2 187:10 194:17,18 206:13 213:4 219:2

scrolling [1] 86:16 **second** [11] 6:2 18:5 21:8 63:5 85:23 89:10 91:15 150:1,2 220:22 221:10

secondly [3] 16:2 17:3 88:25

section [20] 4:20 11:21 55:11 57:6,9,11,20 58:4 65:4,9,11,13,15,17 66:8 66:8,10 124:10,23 166:1

sections [4] 58:11 65:3,6 65:21

sector [1] 3:21

see [30] 6:3 11:7 13:2,17 17:23 22:20,22 23:3 24:21 25:5 31:23 32:9 45:15 50:21 52:11 53:12 111:17 128:25 141:5,19 141:19 152:19 156:18 164:6 175:18 187:10 216:20 218:20,25 220:19

seed [1] 113:5

seeing [3] 64:1 148:16 210:17

seem [2] 74:25 86:5 **self-supporting** [10] 99:10,19,20,21 100:1,3 100:12,15,17 186:12

SEM [2] 126:7 215:22

sense [6] 19:18 21:3,5 55:7 90:16 188:11

separate [14] 36:3 38:21 38:22 39:1,3,8 108:21 108:21 109:16 161:2,8 161:22 194:4 196:15

separately [2] 55:8 149:19

separation [1] 93:4 **September** [2] 108:2 222:20

series [2] 131:10,11 seriously [1] 143:1

service [26] 5:12 6:13 9:3 9:5,6 10:4 15:21 62:3 63:23 100:5 187:5,19 188:10,13,15,18,23 189:2 189:10,23 190:11 195:4 197:6 202:15 203:25 210:11

services [16] 9:20 23:3 28:6 119:2 125:22 126:5 126:13,15,22 127:7 207:8 207:10,12 208:5,14 218:15

services' [1] 208:18 set [18] 17:23,24 39:18 112:7 141:17,21 142:1 143:6,9,10 145:9 147:7 162:12 184:6 188:16 189:20 190:20 211:10

sets [1] 190:2

setting [3] 162:18 190:17 209:15

209:15
settled [1] 12:17
settlement [1] 183:8
seven [2] 154:6,10
seven-month [1] 165:5
several [2] 4:12 89:12
share [2] 6:11 10:16
shared [2] 10:8 126:14
shareholder [7] 2:15
15:15 75:15,19,22,25
83:4

shareholder's [1] 81:23 shareholders [1] 15:12

shares [1] 5:18 **sharing** [2] 85:9 86:8

sheet [4] 118:12,14 170:24 186:13

shift [1] 86:3

short [13] 83:18,20 84:24 86:14 88:3,7,8 92:21,23 93:6 103:23 104:11 117:15

shorten [1] 146:24 **shortly** [1] 223:17 **show** [2] 7:3 139:25

showing [1] 62:19 **shown** [4] 32:15 34:8

149:19 176:23 **shows** [4] 7:10 108:6 141:7 177:24

side [5] 23:5 32:5 36:9 140:5 208:18

sight [1] 80:8

significant [7] 3:20 156:18 170:6 180:13 186:7,17 210:15

significantly [1] 214:2

signing [1] 97:5 similar [9] 19:24 53:13

83:10 91:24 92:4 128:15 128:18 174:3,13

single [4] 42:10 95:4 119:17 186:9

situation [4] 13:12 43:17 103:7 180:1

six [2] 56:18 199:1

six-year [2] 153:15 199:12

size [1] 202:18

slightly [1] 92:7 **someone** [3] 55:2 146:23

somewhat [4] 91:24 92:4 92:11 101:7

somewhere [2] 63:5 101:13

sorry [23] 18:8 20:1

57:11 70:12,14 77:20 81:16 88:12 93:12 97:4 118:1 157:17 160:1 164:13 176:3 194:18 197:25 199:10 207:15 212:23 213:5 220:18 222:23

sort [36] 24:23 25:11 27:13 29:8 38:4,23 39:12 39:21,22 41:6 45:5 50:2 50:9 55:12 59:17 60:19 63:11 64:20 66:13 71:8 71:18 76:21 78:8 99:17 120:2 121:3 122:8 129:20 146:7 179:2 194:7,15 207:17 215:22 216:8 220:20

sorts [1] 144:19 **sound** [3] 16:17 200:2 225:8

sources [2] 6:19,23 **space** [1] 86:17 **span** [1] 25:12 **speak** [18] 25:6 39:6 87:2 92:10 104:3 122:18 124:19,21 125:4 158:1,6 159:3,7,11 166:1 170:2 192:18 215:6

speaking [3] 18:14 101:15 104:2

speaks [1] 186:15 **specific** [5] 114:11 147:20 149:11,18 202:17

specifically [10] 55:3 78:19 91:16 149:14 156:2 156:4 159:19 162:5 171:25 212:18

specifics [1] 215:7 **speculate** [1] 102:5 **speed** [1] 207:16

spend [1] 120:11 **spent** [2] 3:20 25:8

spiked [1] 6:3 **split** [4] 88:9 95:11 117:14,17

spoke [2] 10:21 165:18 **spoken** [1] 141:25

sponsored [2] 124:10 198:18

spread [1] 94:22 **spreads** [4] 94:4,8,19 95:1

square [1] 74:25 **squared** [1] 81:1

St [2] 225:7,10 stabilizing [1] 18:14 stable [1] 142:9

staff [3] 115:11,12,14 **stage** [4] 66:16 99:21 116:5 223:23

stakeholders [1] 2:14 **stand-alone** [1] 16:18 **standalone** [1] 92:9 **standing** [2] 180:8,9

start [10] 1:15 39:17 98:19 104:15 107:21,23 109:8 113:1,4 198:14

started [6] 25:24 26:1 48:4 56:19,23 113:10 **starting** [3] 25:14 28:4

224:14 **starts** [4] 39:22 108:19

112:22 127:14 **statement** [3] 88:20 103:4 168:22

statements [4] 47:23 168:12 172:13,21

status [1] 16:13 **stay** [3] 72:2 132:13 137:4

step [9] 13:15,20 52:2 90:22 115:17 116:3 139:10 181:19,23

steps [4] 75:16 116:1 144:15 205:18

stick [1] 106:4 **sticking** [1] 219:21

still [19] 16:4,25 17:5,10 17:13 18:17,19 23:15 74:11 101:12 104:12,17 129:16 167:1 172:12,21 189:21 195:3 197:7

stop [2] 166:5 224:16 **strategies** [1] 2:9

stress[1] 89:25

strictly [1] 83:16 **strives** [2] 5:11 114:3

strong[1] 14:17

structure [4] 29:8,12 42:7 100:9

studies [1] 17:6 **Sturge** [2] 25:6,16 **subject** [14] 114:10 133:10 145:17 167:1 168:25 182:17 192:8 199:13,16,21 201:23 204:25 218:1,4

subjects [1] 75:6 **submission** [2] 131:20 131:24

submit [2] 47:9 122:4 **submitted** [5] 47:4,13 51:19 110:10,16

subsequent [2] 58:9 65:19

subsidiaries [2] 2:6,10 **substantially** [1] 8:9 **successive** [1] 180:12 **such** [14] 2:14 3:8 5:17 8:7 9:7 14:12 16:15 67:18 94:11 119:2 151:3 151:14 156:8 210:23

suffer [1] 102:10 **suggest** [1] 130:7

suggesting [2] 100:25 183:8

suggestion [3] 88:11,12 187:22

suggests [3] 71:7 73:25 90:25

suite [1] 104:9 **summarized** [1] 132:1

summary [2] 1:25 2:20 **summer** [2] 3:25 108:1 **supervisor** [2] 50:16

supply [9] 2:25 5:4 6:19 19:18 26:19 27:1 30:17 123:12 161:23

support [**s**] 35:15 109:3 130:21,22,24

supporting [1] 16:21 supportive [2] 98:12,14

sustain [1] 104:14 **sworn** [2] 1:10,20

system [5] 12:24 13:6 109:3 206:17 215:23

systems [2] 5:17 7:8

-T-

table [8] 7:2 159:25 160:1 160:9,15 176:23 177:3 187:11

tables [1] 108:19 **takes** [3] 70:2,15 73:24 **taking** [3] 90:21 96:6

180:13 **talks** [3] 61:1,2 86:14 **target** [9] 133:3 135:8
135:10 138:2,20 141:17
141:21 143:6,16

targets [9] 99:6 137:18 138:12 139:19 141:24 142:1 143:6 9 10

142:1 143:6,9,10 **tax** [4] 9:25 10:2,3 89:3

taxable [1] 86:3 **taxation** [1] 86:1

taxes [2] 9:21 13:24

team [9] 24:19 28:12,17 38:19 48:24 134:19 140:25 142:16 180:24

tells [1] 20:6

temp[1] 146:17 **template**[1] 131:2

templates [1] 113:3

temporary [7] 115:12 115:13,24 119:3 125:11 146:6,25

ten [2] 92:24 94:21 tend [1] 13:25

term [27] 83:18,18,20,20 84:24 86:14 88:3,6,7,8 92:21,21,23,23,24 93:6 93:7,19 94:21 96:15 99:1 99:3,13 103:23 117:16 150:5,15

terms [55] 10:14 29:5,9 36:18 38:18 42:15 46:2 54:5 55:7,9 60:7,18 64:1 66:13 68:23 74:4,7 76:19 78:1 81:20 86:7 93:5 100:18 103:2 106:14

109:22 110:15,24 112:20 115:15 123:22 125:1 129:15,19 134:15 141:16 150:15 155:3 158:5,23 174:10 179:1 182:8 184:23 192:16 194:21 197:9 202:6,12 208:6 212:14 213:19 215:9.9 219:14

test [60] 8:16,24 52:4 53:24 61:23 62:1 118:2 149:12 153:3 154:2,4 155:24 157:2 163:1,10 164:19 173:18 176:23 187:4 188:25 189:10 190:1,4,14,16,20 191:2 194:19 196:19,20 197:24 201:7,21 202:2,23 204:11 205:12,13,14 206:1,12 209:14,19,19,22,25,25 210:18 211:9 212:24 213:20,22 214:1 215:15 216:15 217:15,17 219:22 220:9 222:4

tested [2] 163:15 193:6 **testified** [3] 104:22 212:19 215:2

testimony [4] 11:19 111:13 159:12 165:6

testing [3] 167:1 168:25 192:23

thank [25] 1:23 2:18 4:3 4:17,23 9:15 12:19 17:15 20:15.16.22.23 84:13 98:20 117:9 134:15 149:7 152:16 156:24 157:10,12 194:25 222:19 224:3,20

theirs [1] 83:15 themselves [3] 51:19 52:17 54:8

theoretical [1] 101:7 theoretically [1] 104:3

there'd [1] 32:20

there'll [1] 169:19 thereby [1] 99:14

therefore [4] 9:5 10:6 75:17 195:15

thinking [1] 101:17 **third** [3] 89:4 98:16,22

Thornton [10] 84:18 85:4,8 86:10,12,19,20 86:22 92:19 96:5

Thornton's [1] 96:13 thought [4] 60:23 93:10 112:24 123:13

thoughts [2] 71:13 214:4 three [12] 5:15 19:9 30:4 88:5 110:8,10 111:1 125:20 150:9 186:14

207:13 208:22 threshold [4] 133:4 137:23 138:2,20

thresholds [1] 138:20 through [48] 6:8 13:24 14:21 16:3 17:4 27:5,7 27:11 46:17 50:7,8,21 54:13 58:24,25 60:19

64:21 71:18 74:5,8 103:16 108:3 109:23 120:22 121:11 122:4,5,6 122:9 123:12 131:23 144:4 148:5 157:21 162:6 162:8 163:16 166:4 169:16 180:12 183:14 192:10 198:14 207:3.11 214:11 222:3.3

throughout [5] 42:6 135:16 139:18 141:8 200:13

Thursday [1] 174:25 ties [1] 90:4

timeframe [1] 12:9 timeline [2] 106:18 108:9

times [7] 14:6,6 39:5 66:2 94:8,20 104:4

timesheet [3] 12:24 50:17 54:13

timesheets [1] 51:4 **timing** [7] 31:9 165:18 178:2 182:8 198:7 216:20 216:22

TIR [1] 98:16

TIR-CA-NLH-001 [1] 98:17

today [4] 97:16,20 198:6 224:16

together [14] 18:25 39:18 40:22 51:16 77:23 78:15 108:22,24 151:7 184:19 209:21,22 215:14 217:5

too [6] 93:22 94:18,25 146:19 147:8 207:11

took [3] 65:20 75:16

top [2] 18:21 112:23

topic [4] 42:20 69:9 98:15 105:22

total [12] 7:22 110:3,12 169:2 198:10.16.23 200:8 201:5 202:8 204:12 205:22

touched [1] 82:12 towards [3] 139:10 205:18 220:8

track [8] 46:24 51:7 63:18 132:19 135:15 142:15 216:25 217:7

tracked [4] 63:10 64:14 64:16 140:8

tracking [3] 63:9,11

139:17 **tracks** [1] 46:10

transaction [1] 12:15 transactions [3] 35:18 37:13 54:25

transcribed [1] 225:7 **transcript** [1] 225:3 **transfer** [3] 5:6 85:25

161:22 transparent [1] 11:7 travel [1] 114:18

treasurer [6] 2:3 31:25

32:21,23 33:24 76:14 treasury [6] 32:16 33:5 34:9 58:1 136:24,25

TRO [1] 109:2

true [4] 78:13 179:16 197:14 225:2

try [3] 107:24 128:1 143:6 **trying** [9] 24:23 29:22 45:5 94:11,12 95:2 101:24 155:2 184:2

turn [9] 98:14 118:11 128:13 159:22 174:19 176:2 187:1 194:14 198:10

two [19] 6:18 9:19 14:19 15:7 19:10 32:14 33:15 33:17 34:3 38:7 75:6 88:21 89:21 90:12 93:13 101:6 136:23 209:20,22

twofold [1] 15:19

type [3] 85:14 148:24 198:17

types [4] 13:22 20:4,11 138:16

typically [2] 72:22 107:23

typo [1] 89:23

-IJ-

Uh-hm [6] 64:12 81:18 82:19 91:19 151:21 191:12

ultimate [3] 75:25 110:12 123:20

ultimately [23] 50:15 51:2 82:3 92:5 100:19 102:12 103:2,4,7 104:4 105:4 110:8 116:18,20 120:22 122:5 123:19 124:1 131:22 167:18 169:22 215:16,25

Um-hm [3] 30:15 57:2 161:12

unconditionally [1] 99:2

under [15] 22:20 78:6 112:17 133:12,14 139:13 140:6 152:20 160:14 164:18 180:19.20 194:19 216:21 217:7

underneath [4] 23:2 29:18,19 30:4

unders [1] 132:16 understand [17] 13:19 39:22 54:1 80:12 130:11 147:2 161:7 182:23 197:9 201:17 203:15 205:17 209:7 215:1 220:17,19

223:18 understood [61 75:1 147:18 149:23 153:11 165:6 183:21

undertake [7] 27:23 105:10,11 137:6 156:14 191:14 215:4

undertaking [25] 7:21

8:3 83:8 84:7 97:2,4 106:1 112:16 114:7 117:12,13 118:13 134:12 139:14 140:22 141:5 156:21 157:1 191:16 198:13 205:24 212:22 213:1,2 224:11

underway [1] 223:12 Undoubtedly [1] 101:5 **union** [1] 219:5

unique [3] 13:17 14:24 19:2

unit [20] 10:4 118:25 119:22 120:7 121:15,24 121:25 122:3,10 126:3 130:6 132:9 133:25 136:23 137:13,15 138:6 140:7 141:18 159:7

units [4] 25:12 120:3 136:23 139:10

unless [7] 55:2 72:13 120:12 143:16 195:8 197:15,17

unreasonable [1] 94:17 unrestricted [1] 90:2

up [68] 6:2 7:2 9:16 18:6 18:7 21:2 24:14 26:5,21 30:8 39:6 48:2 50:10,21 52:15 53:2 58:24 73:9 86:9 88:20 89:9.10 97:5 98:16 104:15 106:2 108:3 110:11 120:21,23 121:11 122:4.5.6 123:7 131:23 139:24 141:18 149:6 152:17,19,21 153:14 159:25 162:12 164:8 169:6 177:3,25 180:12 180:13 186:14 187:10.14 188:4 192:20 194:18 198:12 199:19 206:2 207:16 208:17 213:1 214:3 220:16 221:25 222:5,14

up-to-date [2] 29:8,12 **upcoming** [2] 55:4 115:14

update [8] 36:21 66:20 66:21,22 165:24 166:19 178:14 223:17

updated [3] 165:15 223:19,20

upper [2] 59:18 120:1 **upward** [1] 144:8 **urgency** [1] 182:3 used [6] 9:5 86:6 122:15 193:7 197:25 220:23

useful [1] 9:6 **uses** [1] 135:15

using [5] 86:2 112:19 195:3 197:7 198:7

usually [2] 71:22 108:1 utilities [10] 13:13 14:20 19:19,23 20:3 35:2 82:17 88:5 91:23 225:6

utility [9] 14:7 18:13,17 19:3 20:10 99:7 180:1 181:21 186:11

-V-

valid [3] 79:21 81:20 82:2

validity [2] 80:17 82:1 **valuation** [2] 90:15 92:11

valuations [1] 4:15 **value** 171 85:22 89:24 90:10,13 91:1 96:7,9

valuing [1] 96:5 variance [15] 40:13 41:2 41:4,9,14,21 46:21,23 50:22 111:7 132:14.19 141:20 205:25 206:9

variances [22] 40:23 41:19 46:20 47:21,24 48:5,22 49:5 50:3,8 51:8 51:10 63:10,12 132:14 142:23 166:1 200:16 209:11 214:23 216:6,7

variation [1] 161:25 **varies** [1] 6:22

various [2] 40:19 131:2

varv [1] 145:9

Vector [1] 3:8

version [2] 60:4 132:2 versus [3] 81:2 119:12

195:14 **view** [14] 13:21 15:13,23

16:23 17:8.17 18:10 94:16 99:10 100:3,19 101:16,24 186:7 viewed [2] 13:25 77:22

visibility [1] 154:21 **volatility** [2] 7:11,14 **VP** [13] 22:19 23:14 24:3 24:20,24 27:14 45:25 58:25 59:10,18 62:7,7

VPs [2] 45:18 48:23

123:15

-W-

Warren [1] 36:11 **website** [1] 175:19 week [4] 38:8 68:7 174:6 213:6

weeks [1] 220:14 **whole** [6] 20:9 104:9 134:2 165:25 181:3 184:6

widen [1] 220:18 wind [1] 6:20

window [1] 94:7

within [24] 6:10 12:17 43:10 102:12 108:23 114:3 120:2 128:2 129:3

131:18.22 132:13 133:25 137:4 140:24 142:1 143:7 179:10 180:24 181:22 196:10,13 211:7 220:13

without [4] 8:3 91:25 92:5 150:11

witnesses [3] 1:9 78:3 147:17

				NL Hyuru GKA
wonder [28] 21:2 24:14	years [16] 3:3 4:11 33:15			
27:22 46:7 48:1 71:13	33:17 34:3 68:23 92:24			
76:20 78:7 92:18 98:15	105:8 141:20 142:8			
105:25 117:15 118:10	155:25 186:14 200:4			
128:13 159:22 162:22	201:4,25 209:22			
174:1,19 179:3 186:24	yield [1] 88:3			
194:14 198:10 212:22	yields [1] 93:19			
213:23 220:16 222:13	Young [2] 222:20 223:5			
224:13,15				
wondering [4] 52:9 54:5	yourself [2] 41:23			
80:20 203:17	200:20			
word [2] 15:11 74:12				
worked [5] 3:2,7 4:13	-Z-			
37:11 44:13	zero [4] 126:14,20 127:7			
workforce [3] 203:9	127:14			
212:9,14	zeros [1] 113:4			
workloads [1] 123:14				
works [7] 38:20 47:14				
88:24 105:25 126:15				
133:7 137:5				
I				
world [1] 16:18				
worth [1] 90:16				
write [1] 186:15				
write-off [2] 180:13				
186:8				
writes [1] 223:6				
•				
written [2] 4:23 166:3				
wrong [1] 79:7				
wrote [1] 20:24				
-X-				
XWave [1] 3:9				
-Y-				
year [123] 3:5,6 8:16,24				
21:22 25:22 26:6 47:3				
47:13,14 48:5 49:5 50:9				
51:17 52:5 53:24 55:5				
56:20 61:24 62:1 83:22				
94:21 111:8 112:22 113:5				
115:14 118:2,23 125:25				
127:1 135:16 139:18				
141:22 145:11 149:12				
153:3 154:2,4,12 157:2				
163:9 164:19 165:10				
168:7,11,12,17 170:12				
172:3,4,10 173:22 174:5				
174:13,15 176:10,23				
177:9 178:8,10,13 183:3				
183:16 184:10 186:9				
187:4 188:15,24,25				
189:10 190:2,4,14,16,20				
191:2 194:19 196:19,20				
197:2,23,24 198:7 199:22				
199:23 200:3 201:3,3,7				
201:21 202:2,23 204:11				
205:12,13,15 206:1,12				
209:4,15,19,20,25,25				
210:6,6,18,19,19 211:9				
212:25 213:20,22 214:1				
214:3,9 215:15 216:15 217:15,17 219:22 220:9				
222:5				
year's [2] 173:23,24				
year-over-year [2]				
180:2 181:23				
yearly [1] 119:1				
	1	Ĺ	1	1