1185

#### PUBLIC SERVICE COMMISSION OF THE

DISTRICT OF COLUMBIA

IN THE MATTER OF THE JOINT : APPLICATION OF EXELON CORPORATION,:

PEPCO HOLDINGS, INC., POTOMAC : ELECTRIC POWER COMPANY, EXELON : Formal Case

ENERGY DELIVERY COMPANY, LLC AND : 1119

NEW SPECIAL PURPOSE ENTITY, LLC : FOR AUTHORIZATION AND APPROVAL OF :

PROPOSED MERGER TRANSACTION. : VOLUME V

-----

Washington, D.C.

Friday, April 3, 2015

The evidentiary hearing in the above-captioned matter began at 10:07 a.m., at the Public Service Commission of the District of Columbia, 1333 H Street, Northwest, Washington, D.C., 20005.

BEFORE: BETTY ANN KANE, Chairman

JOANNE DODDY FORT, Commissioner

WILLIE L. PHILLIPS, Commissioner

Reported by: Denise M. Brunet, RPR

			1186
1		APPEARANCES	
2	On behalf	of the Joint Applicants:	
3		RICHARD M. LORENZO, ESQUIRE Loeb & Loeb, LLP	
4		901 New York Avenue, Northwest Suite 300 East	
5		Washington, D.C. 20001 (202) 618-5000	
6		(202) 010 000	
7		THEODORE F. DUVER, ESQUIRE Loeb & Loeb, LLP	
8		345 Park Avenue New York, New York 10154 (212) 407-4000	
9		(212) 407-4000	
10		ANTHONY C. DeCUSATIS, ESQUIRE Morgan, Lewis & Bockius	
11		1701 Market Street Philadelphia, Pennsylvania 19103	
12		(215) 963-5234	
13	On behalf	of OPC:	
14		LAURENCE C. DANIELS, ESQUIRE Office of People's Counsel	
15		1133 15th Street, Northwest Suite 500	
16		Washington, D.C. 20005 (202) 727-3071	
17		ELI D. EILBOTT, ESQUIRE	
18		Duncan, Weinberg, Genzer & Pembroke, P.C.	
19		1615 M Street, Northwest Suite 800	
20		Washington, D.C. 20036 (202) 467-6370	
21			
22	(Annearand	ces continued on the next page.)	
	(11ΡΡσαταιιο	concinued on the next page.	
1			

		1187
1	APPEARANCES (continued):	,
2	On behalf of AOBA:	
	EDANN C EDANGIC ECOLLDE	
3	FRANN G. FRANCIS, ESQUIRE Senior Vice President and General	
4	Counsel NICOLA Y. WHITEMAN, ESQUIRE	
5	Senior Vice President of Government Affairs	
6	1050 17th Street, Northwest Suite 300	
7	Washington, D.C. 20036	
8	(202) 296-3390	
9	On behalf of D.C. Government:	
10	JOHN P. COYLE, ESQUIRE Duncan & Allen	
	1730 Rhode Island Avenue, Northwest	
11	Washington, D.C. 20036 (202) 289-8400	
12	On behalf of D.C. SUN:	
13		
14	CARA SPENCER, ESQUIRE Kaye Scholer, LLP	
15	The McPherson Building	
	901 15th Street, Northwest Washington, D.C. 20005	
16	(202) 682-3500	
17	On behalf of D.C. WASA:	
18	NANCY A. WHITE, ESQUIRE	
19	Squire, Patton & Boggs 1200 19th Street, Northwest	
20	Suite 300 Washington, D.C. 20036	
21	(202) 626-6260	
22		

				1188
1	C O N	TENT	S	
2	WITNESS: DIRECT	CROSS	REDIRECT RECROSS	
3	CALVIN BUTLER			
4	BY MR. DeCUSATIS 1293			
5	BY MR. DANIELS	1229		
6	BY MS. FRANCIS	1229		
7	MARK ALDEN			
8	BY MS. FRANCIS	1231		
9	BY MR. COYLE	1269		
10	BY MS. WHITE	1320		
11	WILLIAM GAUSMAN			
12	BY MR. DUVER 1374			
13	BY MR. EILBOTT	1381		
14	BY MR. COYLE	1428		
15				
16	EXHIBIT NO.	MARKED	RECEIVED	
17	Joint Applicants (H)		1231	
18	AOBA Cross 34	1232	1363	
19	AOBA Cross 35	1233	1363	
20	AOBA Cross 36	1233	1363	
21	AOBA Cross 37	1233	1363	
22	(Exhibits continued on	the next	page.)	

				1189
1	EXHIBIT NO.	MARKED	RECEIVED	
2	AOBA Cross 38	1234	1363	
3	AOBA Cross 39	1234	1363	
4	AOBA Cross 40	1234	1363	
5	AOBA Cross 41	1235	1363	
6	AOBA Cross 42	1239	1363	
7	AOBA Cross 43	1267	1363	
8	Joint Applicants' (D),			
9	(D1), $(3D)$ , $(3D)-1$ and			
10	(4D)		1362	
11	DCG Cross 40, 64,			
12	76 and 77		1366	
13	OPC Cross 18		1370	
14	OPC Cross 19 through 30	1370	1370	
15	OPC Cross 31	1419		
16				
17				
18				
19				
20				
21				
22				

1190 1 PROCEEDINGS 2 CHAIRMAN KANE: Good morning. Today is Friday, April 3rd. We are resuming the fifth day of evidentiary hearings in formal case 1119 in the matter of the merger of Exelon Corporation, PEPCO Holdings, Inc., Potomac Electric Power Company, Exelon Energy Delivery Company, LLC and New Special Purpose Energy -- excuse me, New Special 9 Purpose Entity. 10 Are there any preliminary matters before we resume with our witness? 11 12 MS. FRANCIS: Your Honor, just --13 CHAIRMAN KANE: Yes, Ms. Francis? MS. FRANCIS: Just briefly, AOBA will 14 15 have another attorney here later this afternoon. It will be Nicola Y. Whiteman. Her appearance has been entered. She is senior vice president of 17 18 AOBA. She'll be here to represent us. Anything 19 that comes up that she isn't able to handle, I'll 20 handle on Monday. 21 CHAIRMAN KANE: I'm sure she will handle it very well. I'm familiar with Ms. Whiteman. 22

- 1 Also, it is my intent to not go as late
- 2 today as we did yesterday, both because it's
- 3 becoming the weekend and it is Passover, it is
- 4 Good Friday -- as a matter of fact, in 12 states
- 5 in this country Good Friday is a state holiday.
- 6 So we are going to try to end at a reasonable hour
- 7 this afternoon.
- 8 MR. LORENZO: Your Honor, we would like
- 9 to interrupt the cross-examination of Mr. Alden
- 10 and put on Calvin Butler. We informed the
- 11 Commission secretary last night after the
- 12 Commission -- we had broken, and all the parties,
- 13 of that. It was on the schedule that he's here
- 14 from Baltimore, and the parties have waived cross
- 15 on him, and we thought it would be useful to put
- 16 him up if the Commissioners have any cross for him
- 17 or any discussions they want to have with
- 18 Mr. Butler.
- 19 CHAIRMAN KANE: One moment.
- 20 This is -- we're just getting that
- 21 message now to the Commissioners. Give me one
- 22 minute. We're just double-checking. And then we

1192 will resume with Mr. Alden? 2 MR. LORENZO: Yes, Your Honor. 3 CHAIRMAN KANE: Is that your plan? MR. LORENZO: And then, after Mr. Alden, Mr. McGowan. 6 CHAIRMAN KANE: Mr. McGowan. MR. LORENZO: All the parties have waived cross on Julie Solomon also, and we ask the Commission if they have any cross or any discussions they want to have with Ms. Solomon --10 and if you could tell us, or inform the joint 11 applicants, we'll bring her in at your 12 13 convenience. 14 CHAIRMAN KANE: Commissioner Phillips? 15 COMMISSIONER PHILLIPS: No. 16 CHAIRMAN KANE: Give us a moment to make sure that -- whether we have any questions for Mr. Butler. But you can put him on and get him 19 sworn in. 20 WHEREUPON, 21 CALVIN BUTLER, 22 called as a witness, and after having been first

1193 sworn by the secretary, was examined and testified as follows: CHAIRMAN KANE: We will have questions for Mr. Butler. COMMISSIONER PHILLIPS: Good morning, Mr. Butler. THE WITNESS: Good morning. COMMISSIONER PHILLIPS: Just really quickly, I would just like to talk to you a little 10 bit about --11 CHAIRMAN KANE: One moment. 12 Mr. Lorenzo? 13 MR. LORENZO: Has the witness been sworn? CHAIRMAN KANE: Yes, the witness has been 14 15 sworn. 16 MR. LORENZO: I'm sorry. CHAIRMAN KANE: And have you done --17 18 let's have an attorney do the introduction. 19 DIRECT EXAMINATION 20 BY MR. DeCUSATIS: 21 Q Mr. Butler, would you please state your 22 full name for the record.

1194 Yes. Calvin Gerald Butler, Junior. 1 2 And could you tell us by whom you're employed and your current position. I'm currently the chief executive officer 4 for Baltimore Gas & Electric, BGE, and Exelon Company. Q Thank you. MR. DeCUSATIS: Mr. Butler has one piece of testimony. It is his direct testimony. It has been premarked as Joint Applicants' Exhibit (H), fully conformed as of March 25, 2015. And we will 11 be moving for its admission upon the conclusion of 12 Mr. Butler's questioning. 13 He's available for questions. 14 15 CHAIRMAN KANE: And no parties have 16 questions for Mr. Butler; is that correct? 17 Okay. Commissioner Phillips. 18 COMMISSIONER PHILLIPS: We've had a lot 19 of testimony about pre and post-merger for PEPCO, and there's been lots of concern in our community 20 21 about what will happen to our utility if there is

a merger that is approved. And I have a general

- 1 question to you, just to begin. Can you talk a
- 2 little bit about your experience pre-merger and
- 3 post-merger? And there was testimony about
- 4 improvements that were made, especially regarding
- 5 process. And I would like to hear from you what
- 6 those improvements were and your experiences about
- 7 those improvements.
- 8 THE WITNESS: Yes, sir. First, thank you
- 9 to the Commission for giving me the opportunity.
- 10 I think your question goes to directly what I can
- 11 provide to the Commission on that.
- 12 Prior to the merger with Exelon and
- 13 Constellation -- to put it in context, I was
- 14 senior vice president of corporate affairs for
- 15 Exelon. My job was to essentially move to
- 16 Maryland and introduce Exelon to the community as
- 17 we got ready for the approval of the merger. I
- 18 was there four or five days a week, minimal, and
- 19 what I found is we -- what I did is I took the
- 20 time to go out and introduce and have discussions
- 21 with all involved and who any had concerns, to
- 22 your question, Commissioner, in terms of what it

- 1 would be like when it was done.
- 2 And what I found is that we made, in that
- 3 merger, as we are in this one, quite a number of
- 4 commitments. And there was a lot of concern
- 5 expressed as to whether those commitments would be
- 6 met. And on my assurance, a lot of people stepped
- 7 up and they said, we will support, but with bated
- 8 breath. Right?
- 9 And I'm pleased to report that Exelon, at
- 10 the conclusion of the merger, not only did we meet
- 11 those commitments, we were steadfast in
- 12 communicating on a regular basis that -- what we
- 13 were doing and how we were doing. And I can talk
- 14 about, after the merger was done, I continued in
- 15 my role and I was responsible for ensuring that
- 16 those commitments -- a system was put in place to
- 17 ensure that they were all made. And then I'll get
- 18 back to the latter piece.
- 19 So out of the jurisdictions that we were
- 20 responsible and made commitments to, we
- 21 implemented a system -- a couple of things. One,
- 22 we named a responsible manager for each commitment

- 1 that was made. Two, we named a responsible
- 2 business owner, legal counsel and executive
- 3 sponsor across Exelon for each of those
- 4 commitments made.
- 5 We had regular meetings across the
- 6 organization. We required a business plan to be
- 7 made for each commitment made. If someone came
- 8 back to us and said, this commitment does not
- 9 require a business plan, we had all parties sign
- 10 off that that was not going to be done. We
- 11 developed a Sharepoint site for the organization
- 12 to track and monitor. So at any point in time
- 13 anyone within the organization could get on line
- 14 and see exactly what was being done and where we
- 15 were in the process. And before a commitment was
- 16 closed, we had all parties sign off that it was
- 17 done.
- Now, as we move through the transition --
- 19 that was step 1. As we moved through the
- 20 transition and the commitments became less, we
- 21 removed -- I stepped out of the process and we
- 22 turned the process over to our compliance officer

- 1 within Exelon and the respective business units.
- 2 So, before, it was being managed at the
- 3 Exelon level. Now in the process, because it's
- 4 less commitments, it's being managed within the
- 5 businesses units with the oversight of our chief
- 6 compliance officer. And still to this day that
- 7 Sharepoint site exists, and before anything can be
- 8 closed, all parties have to sign off and our chief
- 9 compliance officer have to sign off. And the
- 10 meetings are less, but the structure and the
- 11 process is still there.
- I then, a year later, became senior vice
- 13 president of BGE. And why that is relevant is
- 14 that -- to your point of the question as to the
- 15 changes that are being made and the best
- 16 practices. When I became senior vice president, I
- 17 brought something to the organization at BGE as an
- 18 Exelon utility, because now it's in the second
- 19 year post-merger, and I brought an understanding
- 20 of the Exelon model, the management model, in
- 21 helping to implement and helping to put in place.
- 22 And a year later I've been serving as CEO

- 1 for one year and one month now. And what we've
- 2 seen is a steady progression, an improvement of
- 3 BGE's reliability, safety and customer
- 4 satisfaction.
- 5 And those were all, I believe, directly
- 6 connected to not only the commitments made, but
- 7 the focus in serving our customers. And, you
- 8 know, I'm very comfortable with saying, I can tell
- 9 you all the things that we have done within BGE,
- 10 but what's impressive to me is what our customers,
- 11 our stakeholders, say. And on record, they have
- 12 sat back and said they've seen a difference.
- 13 And the numbers don't lie. And we see a
- 14 difference in reliability, and I think they've
- 15 also seen a difference in our commitment to the
- 16 community, our commitment to meeting our customers
- 17 and putting our customers first. And BGE was a
- 18 good company, but we're well on the way to making
- 19 it a great company, and that's our goal.
- 20 COMMISSIONER PHILLIPS: Thank you for
- 21 that. To follow up, I know you were involved in
- 22 your prior position with government affairs,

1200 government relations. 2 THE WITNESS: Yes, sir. 3 COMMISSIONER PHILLIPS: And so you're very familiar with that, right? 5 THE WITNESS: Yes. COMMISSIONER PHILLIPS: Post-merger at BG&E, have you experienced any, let's say, 8 heavy-handedness from the -- from Exelon in regard to BG&E's interaction with local officials? 10 THE WITNESS: Not heavy-handedness, no, What I can say is that we have discussions, 11 but at the end of the day, as the CEO, and my 12 13 team, we're very clear -- my number one priority is to provide reliability service and meeting 15 customer satisfaction and meeting, more 16 importantly, the expectations of my -- my customer 17 base. 18 Now, where it comes down to policies or 19 positions that we may differentiate from a utility 20 to an Exelon holding -- I do have -- they defer to 21 me as to what is the best things to operate my 22 plan.

1201 Now, I would -- I'm not going to tell you 1 that I don't have those discussions because -- and they're very robust, but at the end of the day, I have the ability and the authority to run my business. And that is my -- because that's how I'm being measured, and that's -- the measurements are very clear. And if I have to take a position, they understand that position and I articulate it and make the case. And I have not received that heavy-handedness. 10 11 COMMISSIONER PHILLIPS: Can you talk to us a little bit about, when it comes to 12 13 budgeting --THE WITNESS: Yes. 14 15 COMMISSIONER PHILLIPS: -- for your 16 company, what's the process that you go through 17 now, post-merger? 18 THE WITNESS: We were talking about this 19 yesterday internally. My finance team has a work 20 plan, and Exelon has a budgeting cycle process 21 that we put in place. The objectives are very 22 clear. It's around meeting the reliability --

1202 COMMISSIONER FORT: I'm sorry. 1 I was trying not to interrupt, but you keep using "we" and sometimes your "we" is Exelon and sometimes your "we" is BG&E -- BGE, and it's really hard for me to follow. So can you do Exelon and BGE and not "we"? 7 THE WITNESS: Yes, Commissioner Fort. No problem. 9 COMMISSIONER PHILLIPS: Thank you, 10 Commissioner Fort. THE WITNESS: We, BGE -- it's very 11 simple. We, BGE, have a process in place from a 12 budgeting standpoint. The number one objective for BGE is to meet the reliability standards and 15 improve customer satisfaction. 16 So our budget process at BGE starts at 17 the beginning of the year, and we begin the 18 process of rolling things up to get -- to hit the 19 metrics that are expected of us. And at that 20 point, we then share them with -- we being BGE --21 with the Exelon Utilities' organization, ComEd and 22 PECO. We share not for seeking approval from

- 1 them, but input from our colleagues as to our --
- 2 at BGE, have we missed any critical points that
- 3 you're focused or we're not focused on. And then
- 4 we come together as CEOs and chief operating
- 5 officers to have that discussion.
- 6 So that is the roll-up and the process.
- 7 And then at that point, Denis O'Brien, president
- 8 and CEO of Exelon Utilities, gives his input as to
- 9 where we are from an Exelon Utilities perspective
- 10 on total capital spend, total O&M spend, and we
- 11 have that discussion. And then it's submitted.
- 12 COMMISSIONER PHILLIPS: I'm going to ask
- 13 one more question and then I'm going to allow my
- 14 colleagues to ask. You mentioned Mr. O'Brien.
- 15 THE WITNESS: Yes.
- 16 COMMISSIONER PHILLIPS: What is your
- 17 interaction with Mr. O'Brien in EU?
- 18 THE WITNESS: BGE, as a member of the
- 19 Exelon Utility family, me as the CEO, I sit on the
- 20 Exelon Utilities leadership team. We have regular
- 21 meetings as a leadership team that also consist of
- 22 the chief operating officers, the chief finance

1204 officers, HR leadership and supply chain leadership. 3 So the interaction is Denis is my direct manager. That's one. Two, is -- the interaction is from a 5 standpoint of providing guidance and oversight of EU overall. But that is truly the relationship that we have. 9 COMMISSIONER PHILLIPS: That's all I have 10 for now. 11 CHAIRMAN KANE: Commissioner Fort, do you 12 have any follow-up questions? 13 COMMISSIONER FORT: Oh, yes. 14 CHAIRMAN KANE: Thank you. 15 COMMISSIONER FORT: Thank you. I'm trying to follow your description. You know, initially when you were describing what --17 post-merger, pre and post-merger, you were 19 speaking from the position of somebody who worked 20 for Exelon; is that correct? 21 THE WITNESS: Yes, Commissioner. 22 COMMISSIONER FORT: And when you worked

1205 for Exelon, where in Exelon did you work? 2 THE WITNESS: I was senior vice president of corporate affairs at Exelon in Chicago. COMMISSIONER FORT: So that's for Exelon 4 Corporation as opposed to for the Exelon Business Services Company? THE WITNESS: I was Exelon Corporation, but as a senior vice president of a corporate function, I was within the business services group, yes, ma'am. 10 11 COMMISSIONER FORT: And were you also on 12 Exelon Utilities? 13 THE WITNESS: No, I was not. COMMISSIONER FORT: Do you know how the 14 15 cost for the business services group is allocated to the utilities? 17 THE WITNESS: I do know the process. I -- Commissioner, I do not know the percentages 19 of allocation right off the top, but the process 20 is Exelon Business Services does share an 21 allocation across its business units, and the 22 utilities EU is in that processes. I do not know

1206 the right percentage -- the percentage off the 2 top. 3 COMMISSIONER FORT: As the chief operating officer of BGE, do you know what percentage you are allocated in cost from the business services company? 7 THE WITNESS: Not the total, not right off the top of my head, because each organization, whether it's IT, legal, or human resources, has a different -- the allocation comes down, and I just don't know right off the top of my head what that 11 percentage is. I can get that information for 12 13 you. 14 COMMISSIONER FORT: Do you have a 15 ballpark estimate of what your percentage is of those costs? 16 17 THE WITNESS: Your Honor, I don't. Not 18 off the top. 19 COMMISSIONER FORT: Do you know during 20 the pre and post-merger whether or not the -- do 21 you know post-merger whether or not the cost of 22 implementing your management model and your best

1207 practices was a cost that was allocated down to BG&E, and I assume then allocated down to ratepayers after that? THE WITNESS: Let me make sure -- if I 4 can, repeat and make sure I understand the question. COMMISSIONER FORT: Okay. THE WITNESS: The process of implementing the management model, was there a cost allocation associated with that that came down to the utility 10 BGE specifically? 11 12 COMMISSIONER FORT: That's my question. THE WITNESS: Okay. The cost of having 13 an EU organization is a cost that the utility 15 shares. But the process of having the management model is not a cost of itself. The management model is a tool in -- which we use to go about 18 assigning responsibility, accountability and 19 developing processes. 20 There may be a person within the EU 21 structure that is helping guide and direct and provide collaboration across us that -- that cost 22

- 1 would be shared across the utilities. But the
- 2 management model itself is not a cost that is
- 3 shared within it.
- 4 COMMISSIONER FORT: I would assume,
- 5 though, if you took in -- if Exelon and Exelon
- 6 Utilities takes in a new entity, PHI in this case,
- 7 particularly PHI with three utilities underneath
- 8 them, each one of which would be required to
- 9 implement the management model and the best
- 10 practices, that that would be a cost that would be
- 11 higher than the cost that is normally allocated
- 12 among the companies. Is that your assumption?
- 13 THE WITNESS: It is not, Commissioner,
- 14 because I believe, one, that you share the same
- 15 resources across a broader base, which would help
- 16 drive the costs down. And the sharing of best
- 17 practices -- for example, me, as the CEO or my
- 18 chief operating officer, would work very close
- 19 with the PHI leadership team to put those best
- 20 practices in place. So you're using the same
- 21 resources and spreading them across a broader
- 22 base. The costs would actually, I hope, would go

- 1 down. That is our hope.
- 2 COMMISSIONER FORT: And the "our" in that
- 3 sentence is who?
- 4 THE WITNESS: I'm sorry. "Our" is the
- 5 EU, Exelon Utilities, and the business utilities
- 6 itself. Because we are the -- the Exelon
- 7 Utilities and the utilities are responsible for
- 8 implementing the management model and the best
- 9 practices within the utility group. So I am
- 10 speaking as a BGE chief executive officer and as
- 11 an EU person.
- 12 COMMISSIONER FORT: And you say you're an
- 13 EU person because the chief executive officers are
- 14 all EU people?
- 15 THE WITNESS: Because my manager is
- 16 president and CEO of EU, Exelon Utilities. And
- 17 within that -- we are the utility family that make
- 18 up the Exelon Utilities.
- 19 COMMISSIONER FORT: You mentioned in your
- 20 discussion with Commissioner Phillips about the
- 21 budgeting process --
- THE WITNESS: Yes.

1210 COMMISSIONER FORT: -- that you were 1 developing your budgets to meet metrics that had been provided. Those were metrics that were provided by whom? THE WITNESS: We develop our budgets to meet the reliability metrics that are expected of 7 us by the Maryland Public Service Commission. So when I say "we," that's the BGE management team. 9 We have standards. And first off, the standards for all Exelon Utilities, stepping back, 10 is to be in the first quartile; in our reliability 11 metrics, first decile; in our safety metrics, 12 13 customer satisfaction, to be in the top quartile. So understanding where we are as an 14 Exelon utility family, and then understanding the 15 16 expectations of our stakeholders, specifically in 17 my case, the Maryland Public Service Commission, 18 we develop our operational plan to achieve those 19 objectives, and that is where we determine how 20 much to invest, where to invest and also with the 21 got of increasing our customer satisfaction. 22 COMMISSIONER FORT: Was BGE meeting --

1211 I'm sorry. Does Maryland have the equivalent of EQSS standards? THE WITNESS: I'm not -- I'm not familiar 3 personally with the standards developed by the -this Commission. Maryland itself does not have a specific CAIDI or SAIFI goal for us. However, for us as an internal organization, we have set as a bar for us to be in the top quartile in those operational metrics. And that is what we do report to the Maryland commission where we are in 10 achieving our own goals, so they understand --11 they are aware of our goals that we have put forth 12 for us, and our goal is to always show improvement annually as to where we were. 15 COMMISSIONER FORT: Did I understand you to say that Maryland, the Maryland PSC, has not set SAIDI and SAIFI requirements? 17 18 THE WITNESS: They have not laid out 19 specific SAIFI and CAIDI requirements that the

COMMISSIONER FORT: Hypothetically, if a

utilities must meet, no, ma'am. Not that I'm

20

21

22

aware of.

1212 jurisdiction has SAIDI and SAIFI requirements and those requirements are more stringent than what would put a company in the top quartile, what would happen? THE WITNESS: If that is a requirement of 5 the jurisdictional body that -- we would make the 7 necessary requirements and investments and 8 improvements to meet those. Our goal is always to meet the goals of our stakeholders. And what we understand from a Maryland Public Service 10 Commission -- that is why we report out on an 11 annual basis where we are and how we're achieving 12 13 to our own internal targets. COMMISSIONER FORT: Is BG&E the default 14 15 service provider for its customers?

- 16 THE WITNESS: Yes, Your Honor.
- 17 COMMISSIONER FORT: When you were
- 18 acquired by -- when you were acquired by Exelon,
- 19 was it necessary to put in place any different
- 20 regulations to build a wall to make certain that
- 21 there was no conflict between BG&E, as the default
- 22 service provider, and Exelon Generation as a

1213 supplier of energy? 2 THE WITNESS: Commissioner Fort, the Maryland Public Service Commission felt there was, and I think that's referring to the ring-fencing that's been established. 6 We were very clear as to how we would operate. The Commission felt necessary to make sure we put it in statutory language. And whether it was necessary or not, I defer to the Commission as they felt it was, and we did. 11 COMMISSIONER FORT: I asked Mr. O'Brien 12 yesterday who was on the executive team, and your name was one of the ones that he mentioned. 13 THE WITNESS: Yes, Your Honor. 14 COMMISSIONER FORT: And he said that the 15 16 executive team meets periodically. 17 THE WITNESS: Yes, ma'am. 18 COMMISSIONER FORT: And that all of the 19 members of the executive team meet. I believe he 20 had generation -- folks from Exelon Generation in that discussion. 2.1 22 THE WITNESS: Yes, ma'am.

1214 COMMISSIONER FORT: What happens when 1 there's a discussion about the sale of energy in the executive meeting? THE WITNESS: Our general counsel is very 4 clear that a discussion like that does not take place in the executive committee, and that is because we have all of the top leadership from the company sitting around the room, and that does not 9 occur. 10 COMMISSIONER FORT: And then so what happens? The heads of the companies are excused? 11 THE WITNESS: No. That is probably taken 12 13 off in an off-line meeting with the appropriate parties. But we are very clear as -- from our general counsel and deputy general counsel as to 15 what conversations are allowed to take place in 16 17 those executive committee meetings. And those are 18 more the strategic discussions and road maps for 19 the company and getting input and so forth on 20 where we're going. But we do not get into those 21 type of discussion.

COMMISSIONER FORT: Do you know whether

1215 or not Exelon made a commitment to keep the BG&E president or CEO who was CEO before the merger? THE WITNESS: What I do know is that the 3 current -- the former CEO prior to me was interested in retiring, and we asked -- Exelon asked that individual to continue to see to the conclusion of the merger and through the transition. At that point, he chose to retire on March 1st of 2013 -- 2014, and that's when I 11 became CEO. 12 COMMISSIONER FORT: Had you previously 13 worked with BG&E at any time? THE WITNESS: The year prior I became 14 15 senior vice president of regulatory and external 16 affairs for BGE for that year. 17 COMMISSIONER FORT: That was post-merger, 18 right? 19 THE WITNESS: Yes. 20 COMMISSIONER FORT: Pre-merger? THE WITNESS: Pre-merger, I had not. 21 22 COMMISSIONER FORT: Thank you.

1216 CHAIRMAN KANE: Thank you. Couple of 1 clarifications to refresh my memory. BG&E was acquired by Exelon in 2012; is that correct? THE WITNESS: That's when -- yes, 4 Chairman Kane. 6 CHAIRMAN KANE: And prior to that, BGE's status was what? 8 THE WITNESS: A subsidiary of Constellation Energy. 10 CHAIRMAN KANE: Of Constellation Energy. And it had been a subsidiary of Constellation 11 12 Energy for? 13 THE WITNESS: A period of time. exactly clear on the exact date, but for a while. 15 CHAIRMAN KANE: And so, as a subsidiary of Constellation Energy, there was certain -would you know whether there was certain overhead 18 or shared costs that BGE was paying to 19 Constellation for HR, management, corporate, 20 et cetera? Do you know? 21 THE WITNESS: I do not. 22 CHAIRMAN KANE: You do not know.

1217 1 THE WITNESS: No, ma'am. 2 CHAIRMAN KANE: So would you be able -then after BGE became part of Exelon, a larger organization than Constellation -- and Constellation became part of Exelon, correct? 6 THE WITNESS: Yes, Chairman. CHAIRMAN KANE: Would you be able to tell me whether the overhead costs that BGE, the 9 utility, the operating utility --10 THE WITNESS: Yes. 11 CHAIRMAN KANE: -- was paying to its parent up the line were higher or lower than they 12 were when they were paying overhead -- a share of what are called allocated costs, shared costs, 15 service company costs, which are different 16 names -- function is given in different corporate 17 organizations -- would you give us a comparison of 18 what the overhead costs were pre and post-merger? 19 THE WITNESS: Not having -- Chairman, not 20 having a clear understanding of what BGE was actually paying to Constellation, I can't. But 21 22 what I can tell you is that we are -- as the CEO,

- 1 we are very -- I am very cognizant of the costs
- 2 that we pay to our business services corporation.
- 3 We ensure -- we work to ensure that they are
- 4 cost-competitive in nature from our legal, our IT,
- 5 our HR. Because I know for a fact, when I go
- 6 before the Maryland Public Service Commission,
- 7 those costs are looked at on a regular basis, and
- 8 they are competitive to the market rates that are
- 9 out there. And oftentimes -- and we strive to
- 10 have them better.
- 11 So I do know it's a focus on them. Now,
- 12 what I can't provide today is the specifics or the
- 13 comparison, but I do know we pay attention to what
- 14 we are paying for those in terms of are we getting
- 15 the best rates.
- 16 CHAIRMAN KANE: So when you were with
- 17 Exelon when the merger was being proposed, you
- 18 said you came and spent a whole year kind of
- 19 working in the community on it. So am I to
- 20 conclude -- well, should I conclude that the fact
- 21 that you don't know is because it was long time, a
- 22 couple of years ago and you don't remember? Or

1219 should I conclude that Exelon didn't look at the costs that BGE was incurring as part of its due diligence before making a decision or going through with the merger? THE WITNESS: Chairman, let me clarify. 5 BGE did not receive any costs associated with my effort --8 CHAIRMAN KANE: No, no. I'm talking about the costs -- BGE's budget -- BGE, Maryland operating utility --10 11 THE WITNESS: Yes. 12 CHAIRMAN KANE: -- pre-merger, when it was part of Constellation -- it was a subsidiary 13 of Constellation --14 15 THE WITNESS: Correct. 16 CHAIRMAN KANE: One would presume that 17 they were paying for some overhead costs, shared 18 costs, service costs. 19 THE WITNESS: Not of the Exelon 20 Corporation --21 CHAIRMAN KANE: No, no, no. 22 THE WITNESS: -- no, but to

- 1 Constellation.
- 2 CHAIRMAN KANE: To Constellation, yes.
- 3 Excuse me. I'm talking about to Constellation.
- 4 THE WITNESS: I would assume as such,
- 5 yes.
- 6 CHAIRMAN KANE: And now they are paying a
- 7 share of overhead costs to Exelon. And my
- 8 question was to the comparison. What -- did they
- 9 save money, the operating company and, therefore,
- 10 the Maryland ratepayers? Did the costs increase?
- 11 That's the question I have.
- I am assuming -- I would presume, unless
- 13 I am wrong, that looking at -- as you're the
- 14 person in charge of the BGE budget, that during
- 15 that year when you were doing the transition, that
- 16 might have been something --
- 17 THE WITNESS: You're saying -- and I'm
- 18 just trying to understand the time frame for you.
- 19 So when you say the year of the transition, the
- 20 year of 2013 -- 2012 to 2013, after the merger was
- 21 completed, what was happening in those times? Is
- 22 that what you're referring to?

1221 CHAIRMAN KANE: I'm talking about, what 1 was BGE paying for overhead costs in 2011 to 2012, pre-merger, and then what happened to that category of costs in 2012 to 2013 when, as I presume, they had their CEO in place and you were in place working on a transition, and then 2013 to 2014, and 2014, what has happened to those -what's been the trend of those costs? 9 And if you don't have it off the top of your head, if you could provide that to us. 10 11 THE WITNESS: I don't. So let me be just very clear of the timeline. I did not join BGE 12 until 2013. 13 14 CHAIRMAN KANE: Right. 15 THE WITNESS: So during that transition, I would defer this to Mr. Khouzami, who I think can be able to have those --18 CHAIRMAN KANE: That's fine. He will be 19 taking note of that --20 THE WITNESS: Okay. 21 CHAIRMAN KANE: -- and come prepared. 22 That would be very good.

		1222
1	Did BGE what happened to BGE board,	
2	the existing did BGE have it is own board	
3	THE WITNESS: Yes.	
4	CHAIRMAN KANE: pre-merger?	
5	THE WITNESS: Yes.	
6	CHAIRMAN KANE: And does BGE have its own	
7	board post-merger?	
8	THE WITNESS: BGE does have its own	
9	board.	
10	CHAIRMAN KANE: And did the composition	
11	of that board change as a result of the merger?	
12	THE WITNESS: It changed it became	
13	larger.	
14	CHAIRMAN KANE: Okay. How many were	
15	there before?	
16	THE WITNESS: I believe before I	
17	believe five.	
18	CHAIRMAN KANE: And how many is it now?	
19	THE WITNESS: Nine.	
20	CHAIRMAN KANE: How was the board	
21	appointed previously, or selected? You don't	
22	know.	

		1223
1	THE WITNESS: I don't know previously.	
2	CHAIRMAN KANE: And how is it selected	
3	now?	
4	THE WITNESS: Now the president and CEO	
5	of Exelon Corporation, Chris Crane, is the Chair.	
6	I serve on the board, along with Mr. O'Brien who	
7	serves as vice chair. And we also have local	
8	leaders serving on the board.	
9	And we have a commitment that the	
10	majority of the BGE board is local and the	
11	majority is outside, outside directors.	
12	CHAIRMAN KANE: So you named three people	
13	from Exelon who are on the board	
14	THE WITNESS: Yes.	
15	CHAIRMAN KANE: yourself, Mr. Crane,	
16	as chairman	
17	THE WITNESS: And Mr. O'Brien.	
18	CHAIRMAN KANE: Mr. O'Brien and	
19	yourself.	
20	THE WITNESS: Yes.	
21	CHAIRMAN KANE: And the other six people	
22	are independent?	

		1224
1	THE WITNESS: Yes, ma'am.	
2	CHAIRMAN KANE: And they're all from	
3	Maryland.	
4	THE WITNESS: Yes, ma'am.	
5	CHAIRMAN KANE: Thank you.	
6	Final question. When there's a big storm	
7	in the area	
8	THE WITNESS: Yes.	
9	CHAIRMAN KANE: does BGE ever	
10	currently come to the aid of PEPCO?	
11	THE WITNESS: We have, yes, we have.	
12	CHAIRMAN KANE: You have. And pursuant	
13	to what kind of agreement?	
14	THE WITNESS: It would be a shared a	
15	support storm support agreement that we have	
16	with utilities across the area.	
17	CHAIRMAN KANE: So do you have an	
18	individual one with PEPCO?	
19	THE WITNESS: No, ma'am.	
20	CHAIRMAN KANE: Or is it through one of	
21	those mutual aid	
22	THE WITNESS: It's mutual assistance. I	

- 1 apologize. Through the mutual assistance.
- 2 CHAIRMAN KANE: And PEPCO has on occasion
- 3 come to your aid?
- THE WITNESS: I believe so. And you
- 5 know, what's interesting is that -- if I may
- 6 elaborate on that, the mutual assistance agreement
- 7 is shared with utilities, as you probably are
- 8 aware of, throughout the area.
- 9 What we have seen -- what I have
- 10 experienced as CEO of BGE is that, prior to even
- 11 implementing or executing on a mutual assistance
- 12 agreement, we, as the utilities, we help out each
- 13 other as the Exelon family readily. So as an
- 14 example of that, in January of 2014 through the
- 15 ice storm at PECO, BGE was on-site assisting our
- 16 sister utility prior to any mutual assistance
- 17 arriving. And we were able to go right there and
- 18 participate and get customers restored sooner
- 19 because of the Exelon utility family.
- 20 The standard process, the standard
- 21 procedures and the practices that we have in place
- 22 come in very helpful. And that is what we see

1226 that we can bring to assisting PHI or PEPCO here as well. It's a transition that is made that much more efficient and effective by having it within the family. CHAIRMAN KANE: And final question, 5 again, going back to costs, has BGE filed a rate case in Maryland since the merger? 8 THE WITNESS: Yes, ma'am. 9 CHAIRMAN KANE: And were any of the costs that the company asked to be covered in that rate 10 case, which would be recovered through that rate 11 case, related to costs from the merger? 12 13 THE WITNESS: Not at all. CHAIRMAN KANE: None at all? 14 15 THE WITNESS: None at all. 16 CHAIRMAN KANE: Thank you. 17 THE WITNESS: Thank you. 18 COMMISSIONER FORT: Just a follow-up on 19 the question on mutual assistance. Has BG&E done 20 any analysis on whether or not the cost of using 21 Exelon company -- other Exelon company employees is less than the cost of mutual assistance? 22

- 1 THE WITNESS: My silence just means I'm
- 2 thinking it through. I cannot recall a specific
- 3 study, and it would be done post. I can't say
- 4 that I've done that, because usually within that
- 5 mindset, it's all about getting customers back on
- 6 as soon as possible and as efficient as possible.
- 7 But to your point, at post (sic), we have not done
- 8 so.
- 9 COMMISSIONER FORT: Does that mean that
- 10 there's no procedure in place among the Exelon
- 11 utilities to do some reconciliation of cost?
- 12 THE WITNESS: We do. We do. I'm just
- 13 not -- I'm not readily aware of what that is. But
- 14 we can get that to you.
- But at the end of the day, it's so much
- 16 focus on getting the customers back on and the
- 17 sharing of the resources. So as my sister
- 18 utilities, we are very cognizant of the pressures
- 19 that we're each under and controlling our cost and
- 20 managing our costs. But to your point, a direct
- 21 side by side, I have not done that.
- 22 COMMISSIONER FORT: Had the BG&E merger

1228 taken place when the derecho hit? 2 THE WITNESS: Gosh. I'm sitting here thinking. I believe so. COMMISSIONER FORT: When did -- let's do 4 it this way: When did the BGE merger officially take place? THE WITNESS: 2012. So it was done --COMMISSIONER FORT: January? THE WITNESS: No. It was done -- 2012. I should remember this day. It was March, April 10 11 of 2012. Because I think the initial -- the initial date was probably in March, and it slipped 13 back after the settlement to April. So I believe 14 that's when it was consummated. COMMISSIONER FORT: Okay. Then the 15 16 answer to the derecho question is yes, because --17 THE WITNESS: Yes. Okay. Thank you. 18 COMMISSIONER FORT: -- that's the summer 19 as well. 20 THE WITNESS: All right. 21 COMMISSIONER FORT: Thank you. 22 CHAIRMAN KANE: Mr. Daniels?

1229 MR. DANIELS: Just one question for 1 Mr. Butler. Just one. 3 CHAIRMAN KANE: All right. CROSS-EXAMINATION BY MR. DANIELS: Mr. Butler, have -- have you ever heard 0 of RM43, and if you have, could you please explain what it is? A Yes, sir. RM43 is the reliability 10 metrics -- vegetation management and -- really regarding vegetation management that has been 11 12 outlined within the Public Service Commission, 13 yes, sir. 14 CHAIRMAN KANE: Public Service Commission 15 of Maryland? THE WITNESS: Public Service Commission 17 of Maryland, yes, ma'am. MS. FRANCIS: Just one question. 18 19 CROSS-EXAMINATION 20 BY MS. FRANCIS: 21 Q How many rate cases have you filed since 22 the consummation of the merger in April 212 (sic)?

			1230
1	А	Four.	
2		MS. FRANCIS: That's all, Your Honor.	
3		CHAIRMAN KANE: That's all?	
4		MS. FRANCIS: That was my one question.	
5		CHAIRMAN KANE: Thank you.	
6		Redirect?	
7		MR. DeCUSATIS: Chairman, we have no	
8	redirect	•	
9		CHAIRMAN KANE: Thank you.	
10		Exhibits.	
11		MR. DeCUSATIS: Yes. We wish to move the	
12	admissic	n	
13		CHAIRMAN KANE: Remember, everybody, we	
14	have bac	kground noise from the air conditioning	
15		n this building also in this room, so it	
	_		
16	makes it	, first of all, difficult for us to hear,	
17	because	it is right over us, and for the reporter.	
18		MR. DeCUSATIS: We'd like to move the	
19	admissio	n of Joint Applicants' Exhibit (H),	
20	Mr. Butl	er's direct testimony.	
21		CHAIRMAN KANE: That is moved for the	
22	record.		

```
1231
            (Joint Applicants Exhibit (H) was
1
  received into evidence.)
           CHAIRMAN KANE: Mr. Butler, you're
3
   excused. Thank you very much for coming.
5
            THE WITNESS: Thank you.
            (Witness excused.)
            CHAIRMAN KANE: And we will resume with
8 Mr. Alden.
  WHEREUPON,
10
                       MARK ALDEN,
11 called as a witness, and after having been
12 previously sworn by the secretary, was examined
13 and testified as follows:
14
            CHAIRMAN KANE: Remind you, Mr. Alden,
15 you're still under oath.
            THE WITNESS: Yes, ma'am.
16
       MS. FRANCIS: Shall I begin? Should I
17
18 start?
19
          CHAIRMAN KANE: Yes. Please.
20
                CROSS-EXAMINATION
21 BY MS. FRANCIS:
22 Q Good morning, Mr. Alden.
```

1232 A Good morning. 1 MS. FRANCIS: I'm going to start, Your 2 Honor, by identifying a series of data request that I previously discussed with the joint applicants. I will mark them. The first is AOBA 54, which is the joint applicants' response to AOBA data request number 1-10, and I would like to state that it also includes attachments A through D. There are two versions of this data response. One is a public and one is 10 confidential. I'd like to move them both into the 11 record at the appropriate time. I will not be 12 crossing on the confidential versions. 13 Your Honor, I would like to have what's 14 15 been preliminarily identified as AOBA 54, joint 16 applicants' response to AOBA data request number 1-10 with confidential attachments as 18 AOBA 34. 19 CHAIRMAN KANE: So marked. 20 (AOBA Cross Exhibit Number 34 was marked 21 for identification.) MS. FRANCIS: Your Honor, I would like to 22

1233 have what's been preliminarily identified as AOBA 50, which are the joint applicants' response to AOBA data request number 4-13, as AOBA 35. CHAIRMAN KANE: So marked. 4 (AOBA Cross Exhibit Number 35 was marked for identification.) 7 MS. FRANCIS: I would like to have what's been preliminarily marked as AOBA 53, which is the joint applicants' response to staff data request number 7-6 marked as 36. 11 CHAIRMAN KANE: So marked. (AOBA Cross Exhibit Number 36 was marked 12 13 for identification.) MS. FRANCIS: Next I'd like to have 14 what's been preliminarily identified as AOBA 66, which is the joint applicants' response to AOBA data request number 1-16 -- I'd like to have them 18 marked as AOBA 37. 19 CHAIRMAN KANE: So marked. 20 (AOBA Cross Exhibit Number 37 was marked 21 for identification.) 22 MS. FRANCIS: The next is what's been

1234 preliminarily identified as AOBA 52, which is the joint applicants' response to OPC data request 20-10, which I'd like to have marked for the record as AOBA 38. CHAIRMAN KANE: So marked. (AOBA Cross Exhibit Number 38 was marked for identification.) 8 MS. FRANCIS: The next one is what's been preliminarily identified as AOBA 49, which is the joint applicants' response to AOBA data request 4-12. I'd like to have that marked as 11 AOBA 39. 12 13 CHAIRMAN KANE: So marked. (AOBA Cross Exhibit Number 39 was marked 14 15 for identification.) MS. FRANCIS: The next is what's been 16 preliminarily identified as AOBA 31, which are the 18 joint applicants' response to staff data request 19 number 4-5, which I'd like to have marked for the 20 record as AOBA 40. 21 CHAIRMAN KANE: So marked. 22 (AOBA Cross Exhibit Number 40 was marked

1235 for identification.) 2 MS. FRANCIS: And the last one, I believe, is what's been preliminarily identified as AOBA 51, which are the joint applicants' response to AOBA data request number 6-5, which I'd like to have marked for the record as AOBA 41. CHAIRMAN KANE: That is so marked. (AOBA Cross Exhibit Number 41 was marked for identification.) BY MS. FRANCIS: 10 Mr. Alden, I'd like to start by asking 11 Q you to please to turn to your conformed direct 12 testimony at page 5. 13 14 Α Okay. 15 Starting at line 10 on page 5 of your conformed direct testimony, you discuss changes in reliability metrics for BGE since BGE's 18 acquisition by Exelon; is that correct? 19 Α That's correct. 20 And am I correct that the most recent 21 year for which reliability data is presented in your conformed direct testimony is 2013? 22

- 1 A That's correct.
- Q If I recall correctly from yesterday's
- 3 cross-examination with the Office of People's
- 4 Counsel, Exelon's acquisition of Constellation was
- 5 completed during calendar year 212, so 2013 is the
- 6 first full calendar year in which Exelon had
- 7 ownership of BGE; is that correct?
- 8 A That's correct.
- 9 Q At page 5, lines 14 through 16 of your
- 10 conformed direct testimony, you indicate that from
- 11 2012 to 2013, the average time to restore service
- 12 to BGE customers who sustained a service
- 13 interruption was reduced by 29.4 percent.
- 14 Could you please tell me, how was that
- 15 measured? Is that CAIDI? Is it SAIDI? What
- 16 measurement is that referring to?
- 17 A I'd have to go back and look. I believe
- 18 it's -- I believe it would be probably all three
- 19 metrics, possibly an average of the three. I'd
- 20 have to look at the specifics. It says sustained
- 21 interruptions, so I'm assuming that's SAIFI.
- 22 Q I'm sorry. I didn't hear you.

- 1 A It says sustained interruptions, so I'm
- 2 assuming that's SAIFI, but I -- I'd want to check
- 3 that.
- 4 Q Does Exelon claim responsibility for the
- 5 entire 29.4 percent reduction in the average
- 6 duration of outages for BGE customers between 212
- 7 and 213 (sic)?
- 8 A I think it's a combination of the work
- 9 that had been done prior to the merger as well as
- 10 an acceleration that took place in that
- 11 improvement as a result of the merger itself.
- 12 Q Could you please tell me, how long did it
- 13 take to achieve full integration of BGE by Exelon?
- 14 A I'm hesitating because I'm not sure how
- 15 you would define full integration.
- 16 Q Complete.
- 17 A So there are a number of things that were
- 18 required to do in order to complete what you would
- 19 consider to be a complete full integration. All
- 20 processes, procedures, programs had been
- 21 evaluated, transitions have been made, all of
- 22 those kinds of things. It's an ongoing process.

- 1 I'd say the majority of the work in order
- 2 to complete that transition was done in, I'd say,
- 3 maybe an 18-month period. 18 months to two years.
- 4 Q Could some or all of the improvements in
- 5 the average time to restore service between 2012
- 6 and 2013 be attributable to reliability measures
- 7 or programs initiated by BGE before Exelon took
- 8 full control of BGE operations?
- 9 A As I stated previously, that's certainly
- 10 possible, and I'm sure there was some momentum
- 11 created prior to the merger by BGE in order to
- 12 accomplish that improvement. The additional
- 13 improvement -- I don't think -- as Mr. Butler
- 14 described, I don't think there's any doubt that
- 15 there's a tremendous amount of benefit and
- 16 acceleration in that improvement that took place
- 17 as a result of the merger.
- 18 Q Can you tell this Commission how much of
- 19 the referenced BGE 213 reduction in the average
- 20 restoration time can be explained by a reduction
- 21 in severe weather events?
- 22 A The severe weather events are excluded

- 1 from those numbers.
- Q For a moment, Mr. Alden, I'm going to ask
- 3 you to take a look at in your cross-examination
- 4 book to a document that has been preliminarily
- 5 identified as AOBA 80.
- 6 A Do you have a page and a line number?
- 7 Q I'll give it to you in one moment. I
- 8 just want to mark it for the record.
- 9 MS. FRANCIS: Your Honor, what's been
- 10 preliminarily identified as AOBA 80, I would like
- 11 to mark for the record -- I think -- is that
- 12 AOBA 42?
- 13 CHAIRMAN KANE: So marked.
- 14 (AOBA Cross Exhibit Number 42 was marked
- 15 for identification.)
- MS. FRANCIS: And those are selected
- 17 pages from transcript volume 6, case number 9361,
- 18 pages 1464 through 1690.
- 19 BY MS. FRANCIS:
- 20 Q The page number that I think you should
- 21 reference, Mr. Alden, is transcript 1380 -- excuse
- 22 me, 1684, and specifically line numbers 12 through

- 1 23. If you just want to take a moment to refresh
- 2 your recollection.
- 3 A Okay.
- 4 Q Now, Mr. Alden, during cross-examination
- 5 in Maryland case number 9361, you testified that
- 6 you were aware that in 2012 the Maryland
- 7 commission adopted new tree trimming standards.
- 8 Am I correct that implementation of those new tree
- 9 trimming standards may have contributed to BG&E's
- 10 reliability improvements in 2013?
- 11 A I think that's a correct assumption.
- 12 Q And, in fact, that is what your testimony
- 13 in Maryland corroborates; is that correct?
- 14 A Yes.
- 15 Q Now, Mr. Alden, you talk about the
- 16 reliability improvements that were observed for
- 17 BGE. Am I correct that you offer no testimony
- 18 that discusses the rate increases that BGE
- 19 customers have experienced since the
- 20 Exelon/Constellation merger was consummated? Is
- 21 that correct?
- 22 A I have not included anything in my

1241 testimony. That's correct. And we all heard very clearly just moments ago that there had been four rate increases filed since the consummation of the merger over the last three years? 6 MR. DUVER: Your Honor I would object to characterization. I believe the testimony was that there were four rate cases filed. She said four rate increases. I don't think there's any testimony as --10 11 MS. FRANCIS: Excuse me. 12 MR. DUVER: -- to what happened. 13 MS. FRANCIS: I didn't mean to misspeak. I'll rephrase the question. BY MS. FRANCIS: 15 That there were four rate increase cases filed between the time of the consummation of the 18 merger in 2012 and 2015. 19 I don't know the specifics of that. 20 Now, please turn to page 4, lines 18 21 through 21 of your conformed direct testimony. 22 Would you repeat the line numbers, Α

	1242
1	please?
2	Q 18 through 21.
3	A Thank you.
4	Q You testified that in 2013 each Exelon
5	utility maintained its continuing trend of
6	improvement and exceeded its 2012 performance in
7	terms of SAIFI, SAIDI and CAIDI.
8	A Yes.
9	Q When you reference the Exelon utilities
10	in that sentence, do you include BGE as well as
11	PECO and ComEd?
12	A Yes.
13	Q Now, at the top of page 5 of your
14	conformed testimony, you reference Joint
15	Applicants' (D1) which you describe as graphically
16	depicting the performance of the Exelon Utilities
17	over the last four years.
18	Would you please turn to your
19	Exhibit (D1). And I'd like you to reference
20	I'll give you a moment to find it page 1 of
21	(D1).
22	A I have that here, yes.

1243 Now, that page 1 of (D1) provides a 1 history of BGE's actual SAIFI, SAIDI and CAIDI metrics for the year 2009 through 2013? That's correct. Α Now, I'm going to ask you again to reference what's been preliminarily identified as AOBA 80, which is marked for the record as AOBA 42, and look for a moment at transcript page 1689. And focus, please, on lines --10 I'm sorry. Could you -- there's confusion. Could you please repeat the reference? 11 12 It was the same document we were looking at earlier, the transcript pages. What was the page? 14 The page number is transcript page 1689. 15 And I'll give you -- are you ready for a line reference? 18 Α Yes. 19 Q 11 through 14. 20 Α Okay. 21 Just take a moment to refresh your 22 recollection.

1244 Are you ready? 1 2 Give me a minute, please. Okay. 3 When you appeared for cross-examination before the Maryland Public Service Commission in case 9361 on February 2nd, 2015, am I correct that you were able to cite the actual 2014 SAIFI and SAIDI results for BGE? 8 Α Yes. Now, on February 17th, 2015, when you filed your conformed direct testimony in this 10 proceeding, am I correct that you did not update 11 the graphs presented in (D1) for BGE to include 12 214 (sic) results? 13 That's correct. 14 If your testimony -- again, I'm going to 15 ask you to turn to the same exhibit, 17 transcript 289 -- excuse me -- transcript 18 page 1689. In your testimony in Maryland case 19 9361 on February 2nd of this year, did you 20 indicate that the actual 2014 SAIFI for BGE was .91 and the 2014 SAIDI metric for BGE was 118? 21 22 Yes. And those numbers are calculated Α

- 1 using the COMAR major outage event calculation.
- 2 Q Now, let's look at your chart again at
- 3 (D1). And if we included that 2014 data for BGE
- 4 in the graphs for SAIFI and SAIDI shown in
- 5 Exhibit (D1), am I correct that both of those
- 6 graphs would turn upward in 2014?
- 7 A I don't believe that's true, because the
- 8 calculation for those numbers I believe is in 2.5
- 9 Beta methodology. I'd have to check that.
- 10 Q So you don't know whether the numbers you
- 11 provided in formal case 9361 on February 2nd are
- 12 comparable to the numbers that you provided in
- 13 (D1) to this Commission in your February 17th
- 14 number?
- 15 A I believe they're calculated two
- 16 different ways. I believe one is per the COMAR
- 17 standards in Maryland and the other is in 2.5 Beta
- 18 which is what we use internally to compare the
- 19 Exelon utilities across the three utilities. I'd
- 20 have to double-check that.
- 21 And in 2.5 Beta, I believe that all of
- 22 those numbers would continue to improve.

- 1 Q So you don't know -- but you really don't
- 2 know at this point whether that chart would turn
- 3 upward or not, do you?
- 4 A I'd have to check that. I believe it
- 5 turns downward.
- 6 We've been very careful to make sure we
- 7 speak a common language with the local
- 8 jurisdictions with respect to how we calculate all
- 9 of our reliability metrics. Internally we
- 10 calculate them the same way so that we can do a
- 11 fair comparison across the utilities.
- 12 Q Could you please explain to me why you
- 13 didn't update your chart to include consistent
- 14 2014 numbers when you were able to do so in
- 15 Maryland?
- 16 A I don't have an explanation for that.
- 17 Q Now, please look at page 9 of your
- 18 conformed testimony, your direct testimony.
- 19 A Okay.
- 20 Q Now, in the discussion that starts on
- 21 page 9, line 19 and continues through page 10,
- 22 line 5, you present the three-year historical

- 1 average SAIFI and SAIDI results for PEPCO for the
- 2 years 211 through 213, and then you assert that
- 3 the three-year average levels to which Exelon
- 4 commits would represent an increase of
- 5 35.9 percent in PEPCO's SAIFI metric and a
- 6 39.6 percent increase in PEPCO's SAIDI metric.
- 7 Have I stated that accurately?
- 8 A Yes, you have.
- 9 Q When you infer -- when you refer to
- 10 increases of 34.9 percent and 39.6 percent, am I
- 11 correct that you're referring to increases in the
- 12 reliability customers would experience?
- 13 A Improvements in reliability, yes.
- 14 Q Just so the record is clear, is what you
- 15 meant to say that the reliability increased
- 16 because the SAIDI and SAIFI metrics went down by
- 17 your cited percentages?
- 18 A Yes. The metrics would improve.
- 19 Q Further, when you refer to PEPCO's
- 20 three-year average SAIFI and SAIDI results in this
- 21 portion of your testimony, am I correct that
- 22 you're referring to results for PEPCO's D.C.

- 1 operations and not SAIDI and SAIFI for PEPCO's
- 2 combined Maryland and D.C. operations?
- 3 A Yes, that's correct.
- 4 Q And am I correct that even though actual
- 5 214 SAIFI and SAIDI results for PEPCO were
- 6 available at the time you filed your conformed
- 7 direct testimony, you have not updated the
- 8 three-year historical averages to which you
- 9 compare the Exelon commitment? Is that correct?
- 10 A That's correct.
- 11 Q Could you please tell me, what were the
- 12 2014 SAIFI and SAIDI results for PEPCO's D.C.
- 13 operations?
- 14 A I don't have those off the top of my
- 15 heads.
- 16 Q Would you accept, subject to check, that
- 17 for 214 SAIFI is .69 and 214 SAIDI is 97?
- 18 A That sounds correct.
- 19 Q Can you tell the Commission what the
- 20 three-year historical average SAIFI would be for
- 21 PEPCO for the years 212 through 214?
- 22 A I cannot.

1249 Would you accept, subject to check, that 1 that's .86? Sounds about right. Can you tell the Commission what the three-year historical average SAIDI would be for PEPCO for the years 2012 through 2014? Actually, I think I believe that I just Α calculated that. I think it's around 125 minutes. Exactly. Thank you. 9 Q 10 Look at the three-year average SAIFI again, would you accept that simply rolling the 11 three-year average forward by one year to include 12 PEPCO D.C. 2014 results represents more than a 13 16 percent improvement when compared to the 15 2011-2013 average SAIFI for PEPCO's D.C. 16 operations? 17 That's assuming the math works, yes, I would -- I would agree. 19 A similar calculation for SAIDI. Would 20 you accept that simply rolling the actual 21 three-year average forward by one year to include

actual PEPCO D.C. 2014 results represents about a

1250 16 percent improvement in SAIDI when compared to the 2011-2013 average SAIDI for PEPCO's D.C. 3 operations? I would accept that, yes. Now, please turn to your February 17th supplemental direct testimony at page 2. 7 Α Okay. Does table 1 on page 2 of your February 17th, 2015 supplemental direct testimony present the three-year average SAIFI and SAIDI to 10 which the joint applicants now commit for PEPCO's 11 District of Columbia operations? 12 Yes, it does. 13 Α Is the three-year average SAIFI to which 14 15 the joint applicants commit .66? 16 Yes, it is. 17 Q Is the three-year average SAIDI to which the joint applicants commit 90 minutes?

EQSS standards that are identified in table 2,

would you agree that the joint applicants' SAIDI

Comparing the data in table 1 with the

19

20

21

22

Α

Yes, it is.

- 1 commitment directly reflects the Commission's
- 2 established SAIDI standards for SAIDI for the
- 3 years 218 through 220 (sic)?
- 4 A Could you repeat that? I'm sorry. I'm
- 5 trying to make sure I understand the tables here.
- 6 Q Comparing the data in table 1 with the
- 7 EQSS standards that are identified in table 2,
- 8 would you agree that the joint applicants' SAIDI
- 9 commitment directly reflects the Commission's
- 10 established SAIDI standards for SAIDI for the
- 11 years 2018 through 2020?
- 12 A Yes, they're equivalent.
- 13 Q On the other hand, it appears that the
- 14 joint applicants' SAIFI commitment is set
- 15 noticeably below the Commission's EQSS standards
- 16 for SAIFI for the years 2018 through 2020; is that
- 17 correct?
- 18 A That's correct.
- 19 Q Now, turning -- excuse me. Starting at
- 20 page 3, line 6 of your February 17th supplemental
- 21 direct testimony and continuing to page 4, line 18
- 22 of that testimony, you offer an explanation of how

- 1 the joint applicants determined the SAIFI and
- 2 SAIDI levels to which they now commit; isn't that
- 3 correct?
- 4 A I'm just looking at it quickly. Yes,
- 5 that looks correct.
- 6 Q Within that portion of your testimony, do
- 7 you discuss events into January 2015 which
- 8 influence the levels of the SAIDI and SAIFI
- 9 commitments that the joint applicants set forth in
- 10 table 2 on page 2 of your supplemental direct
- 11 testimony?
- 12 A Yes, that's in here. Yes.
- 13 Q Am I correct that included among the
- 14 considerations of the reliability integration team
- 15 in January 2015 were actual 2014 PEPCO D.C. SAIFI
- 16 and SAIDI results?
- 17 A Yes.
- 18 Q Is the SAIFI value that the joint
- 19 applicants now commit to achieve on average for
- 20 the years 2018 to 2020 only .03 below PEPCO's
- 21 actual 2014 SAIFI results of .69?
- 22 A That's correct.

1253 Would you agree that the SAIDI value that 1 the joint applicants now commit to achieve on average for the years 218 through 220 is only seven below PEPCO's actual 214 SAIDI result of 97? Α Yes. Do the noticeably improved SAIFI and Q SAIDI results for 214 increase Exelon's confidence than its SAIFI and SAIDI commitments can be met without incurring financial penalties? 10 Α That's one of the things we considered, 11 yes. Now, please let's turn back to your 12 conformed direct testimony at page 8. conformed --14 15 Α Would you wait just one second, please? 16 Sure. 17 Α Thank you. 18 Q Are you there? 19 Α I am. Thank you. 20 Your conformed direct testimony at page 8 21 presents the same SAIFI and SAIDI commitments that you present in your supplemental direct testimony; 22

- 1 is that correct?
- 2 A That's correct.
- 4 page 4, lines 6 through 18 explains that the joint
- 5 applicants' SAIFI and SAIDI commitments were
- 6 developed on the basis of an evaluation undertaken
- 7 by the reliability integration team in
- 8 January 2015, including PEPCO's actual 214
- 9 performance results.
- 10 Am I correct there is no way those
- 11 January 2015 considerations could have been
- 12 reflected in the reliability determinations
- 13 included in your originally filed June 18th, 2014
- 14 direct testimony?
- MR. DUVER: Your Honor, I would object to
- 16 this question at this point. The modifications
- 17 that were made to the direct testimony were made
- 18 in response to a direct Commission order to change
- 19 the direct testimony to reflect what happened.
- 20 We realize that the supplemental direct
- 21 testimony does discuss events that took place
- 22 post-June 2014, and we realize that, from a timing

- 1 perspective, that the numbers that are reflected
- 2 here are informed by events that took place
- 3 post-June 2014. But if the implication here is
- 4 that in some way the direct testimony is incorrect
- 5 because it preceded discussions at a later point
- 6 in time, I don't believe that that is a fair
- 7 implication that can be drawn since what we did
- 8 was in compliance with a order.
- 9 MS. FRANCIS: I think counsel is trying
- 10 to read something in my mind and into my question
- 11 that wasn't there. I'm just pointing out
- 12 something, and I asked the witness could he agree
- 13 with it or not. We're entitled to point out
- 14 through the joint parties' exhibits what happened
- 15 pre-February 17th. I believe that's relevant in
- 16 the record. Just asking the witness about it.
- 17 There was no nefarious intent in the question.
- 18 I'm just asking him to confirm or deny the answer
- 19 to the question.
- 20 CHAIRMAN KANE: Go ahead with the
- 21 question.
- 22 BY MS. FRANCIS:

1256 1 Do you need it again? 2 Α Please. Yet your supplemental testimony at page 4, lines 6 through 18 explains that the joint applicants' SAIFI and SAIDI commitments were developed on the basis of an evaluation undertaken by the reliability integration team in January 2015, including PEPCO's actual 2014 performance results. 10 Am I correct that there is no way that those January 2015 considerations could have been 11 reflected in the reliability determinations 12 included in your originally filed June 18th, 2014 direct testimony? 15 CHAIRMAN KANE: I think that's an obvious question. The information that -- became 16 17 available in January of 2015. 18 Are you asking, Ms. Francis, whether he 19 would agree that information that became available 20 in January of 2015 could not have been included in 21 testimony that was filed or an application that 22 was filed in June of 2014?

1257 MS. FRANCIS: Yes. That's a simple 1 question. 3 CHAIRMAN KANE: I think we can stipulate to that. MS. FRANCIS: Okay. 5 COMMISSIONER FORT: I'd rather if he answered just yes or no rather than having the Commission stipulate. I'm real nervous about --9 CHAIRMAN KANE: I wasn't suggesting --10 COMMISSIONER FORT: -- that up here. 11 CHAIRMAN KANE: -- we -- I said we could. 12 COMMISSIONER FORT: If it's simple. 13 BY MS. FRANCIS: I'd prefer a simple yes or no, too. 15 Unless I'm stuck in some kind of a time warp, the answer is yes. 17 Would you agree that the results of the January 2015 considerations you discuss in 19 February -- in your February 17, 2000 (sic) 20 supplemental direct testimony were not available 21 at the time you filed your rebuttal testimony in 22 December of 2014?

1258 1 Α Yes. Now, I'm going to ask you to please reference page 1 of Exhibit 5 to the application filed on June 18th, 2014 in this proceeding. One minute here, please. You said Exhibit 1? Exhibit 5. It was attached to the application. 9 Α Okay. 10 Now, I'm going to ask you to take a look Q at commitment 3. If you'd like to, just take a 11 moment to refresh your recollection on 12 13 commitment 3. Are you ready, Mr. Alden? 14 15 Α I am. Thank you. Does commitment 3 on page 1 of Exhibit 5 to the application set forth reliability 18 commitments for SAIFI and SAIDI that are different 19 from those found in your conformed direct testimony and in your February 17th, 2015, 20 21 supplemental direct testimony? 22 Α Yes.

1259 Am I correct that the SAIFI commitment

- level .54 calculated on a three-year average basis
- for the years 2018 through 2020 is lower than the
- SAIFI level to which the joint applicants now
- commit?

- Α Yes.
- Q Could you point the Commission to
- anything in the discussion of how the joint
- applicants developed their current reliability
- commitments in your February 17th direct testimony 10
- at pages 3 and 4 that explains why the SAIFI 11
- commitment was raised from .54 interruptions to 12
- .66 interruptions? 13
- The .54 to .66 was a direct result of the 14
- 15 PLUG project being delayed by one year.
- Is it the implication of this upward 16
- revision to the joint applicants' SAIFI commitment 17
- 18 that the joint applicants were not confident that
- 19 they could meet their initially offered SAIFI
- 20 commitment?
- 21 No. In essence, we're meeting the same
- 22 commitment, but the only reason we upped it is

- 1 because we recognized that the original PLUG plan
- 2 was delayed by one year. And so the SAIFI
- 3 commitment was adjusted accordingly. Nothing else
- 4 changed as a result of the commitment.
- 5 Q Now, starting at page 4 of your --
- 6 line 19 of your February 17th, 2000 (sic) and
- 7 supplemental direct testimony, you discuss
- 8 revisions to the joint applicants' proposed
- 9 financial penalties. Would you turn to that page,
- 10 please?
- 11 A Could you repeat the page, please? I'm
- 12 sorry.
- 13 Q Page 4, line 19 of your February 17th
- 14 supplemental direct testimony.
- 15 A Line 19?
- 16 O Correct.
- 17 A I have it.
- 18 Q Okay. Did you or anyone else prepare an
- 19 assessment on behalf of the joint applicants of
- 20 the likelihood that a non-performance penalty
- 21 would be incurred under their originally filed
- 22 SAIFI and SAIDI commitments and their initially

- 1 proposed penalty structure?
- 2 A I'm sorry. Could you repeat -- the
- 3 likelihood -- you repeat that, please.
- 4 Q Did you or anyone else prepare an
- 5 assessment on behalf of the joint applicants of
- 6 the likelihood that a non-performance penalty
- 7 would be incurred under their originally filed
- 8 SAIFI and SAIDI commitments and their initially
- 9 proposed penalty structure?
- 10 A I don't -- I don't recall a specific
- 11 document that was prepared. Certainly we had
- 12 discussions around whether we felt those numbers
- 13 were achievable based on current information.
- 14 Q So there was just discussion?
- 15 A I believe so.
- 16 Q Have the joint applicants prepared an
- 17 assessment of the likelihood that they would incur
- 18 a non-performance penalty under the revised
- 19 commitments and revised penalty structure that
- 20 they now propose?
- 21 A I don't recall any kind of paper being --
- 22 or analysis being provided.

- 1 Q When the joint applicants increased the
- 2 SAIFI level to which they commit and decreased the
- 3 SAIDI to which they commit, how did that impact
- 4 PEPCO's reliability-driven capital budgets for the
- 5 year 2016 through 2020?
- 6 A The only change would be the change
- 7 required to move the D.C. PLUG projects out one
- 8 year. All else remained the same.
- 9 Q Is there anything in your testimony in
- 10 this proceeding that addresses the changes to the
- 11 details of the joint applicants' budges and
- 12 planned reliability projects that result from the
- 13 change in the joint applicants' reliability
- 14 commitments?
- 15 A I believe what we've presented reflects
- 16 the changes that I just discussed, which was the
- 17 delay of one year of the D.C. PLUG project.
- 18 Q Can you provide any insight regarding the
- 19 manner in which the changes in the SAIFI and SAIDI
- 20 commitments for PEPCO affect the nature of the
- 21 projects PEPCO will need to undertake in the
- 22 District of Columbia excluding D.C. PLUG?

- 1 A We haven't made such an assessment.
- 2 Q Can you tell me this: If PEPCO places
- 3 greater focus on SAIDI improvements and less focus
- 4 on SAIFI improvements, does that affect the types
- 5 of technologies deployed, the types of equipment
- 6 or facilities replaced and/or the types of
- 7 maintenance performed?
- 8 A I don't know. We haven't gone into that
- 9 level of detail yet. And it's not -- the SAIFI
- 10 adjustment, again, is not based on changing
- 11 anything other than sliding out the D.C. PLUG
- 12 project.
- 13 Q I was asking, actually, a more general
- 14 question. I wasn't specifically focused on -- on
- 15 any one particular thing. Let me try it again in
- 16 a more general nature.
- 17 A Sure.
- 18 Q In general, if PEPCO places greater --
- 19 relatively greater focus on SAIDI improvements and
- 20 less focus on SAIFI improvements, does that affect
- 21 the types of technologies deployed, the types of
- 22 equipment or facilities replaced and the types of

- 1 maintenance performed?
- 2 A First of all, I don't think we place less
- 3 focus on SAIFI. We have commitments that we have
- 4 to make, and we're required to focus on all
- 5 aspects of the business that are required to meet
- 6 those commitments.
- 7 And we have not done an analysis or an
- 8 evaluation at this point with respect to which
- 9 projects will have the greatest impact on
- 10 achieving those commitments.
- 11 Q I just want to make sure I understand one
- 12 of your prior answers. Is it your expectation
- 13 that the shift in the joint applicants'
- 14 reliability commitments for SAIFI and SAIDI would
- 15 have no impact on the budgeted costs required to
- 16 meet the joint applicants' commitments excluding
- 17 D.C. PLUG?
- 18 A That's correct.
- 19 Q Am I correct that the budgeted total
- 20 reliability-driven capital expenditures for PEPCO
- 21 D.C. for the years 215 through 219 (sic) that were
- 22 associated with the joint applicants' initially

- 1 presented reliability commitments is the same as
- 2 the total budgeted reliability-driven capital
- 3 expenditures that the joint applicants now
- 4 associate with their revised reliability
- 5 commitments?
- 6 MR. DUVER: Your Honor, I would just
- 7 object at this point because it goes beyond the
- 8 scope of Mr. Alden's testimony. Mr. Gausman is
- 9 coming up later in this proceeding, and his
- 10 testimony sponsors what the spending levels that
- 11 are budgeted for the reliability commitment are,
- 12 and I believe that these questions are better
- 13 directed to him.
- 14 CHAIRMAN KANE: The witness can indicate
- 15 whether he can answer or should Mr. Gausman
- 16 answer.
- 17 THE WITNESS: I believe that question
- 18 should be answered by Mr. Gausman.
- 19 BY MS. FRANCIS:
- 20 Q Okay. I'm going to ask you to take a
- 21 look again to refresh your recollection on what
- 22 was preliminarily identified as AOBA 80. That's

1266 the transcript. 2 And this time, Mr. Alden, I'm going to ask you to go to page 1659. Α Okay. And the lines that I'd like you to reference would be 1659, line 23 through line -through page 1660, line 6. 8 Α Okay. Okay. Mr. Alden, during your cross-examination in Maryland case 9361 by counsel for the Maryland 10 Energy Administration, you were questioned 11 regarding the fact that Exelon is not committing 12 to annual reliability performance standards. 13 you stated that you agreed with Mr. O'Brien in 15 that case that Exelon is not in a position to 16 commit to specific annual reliability performance standards for PEPCO without the benefit of more 18 detailed engineering analysis; is that correct? 19 Α That's correct. 20 Is that the same as Exelon's position 21 regarding annual reliability standards in this proceeding? 22

1267 That's how our testimony was based, yes. 1 Now, I'm going to ask you, please, to turn to what's been preliminarily identified as AOBA Exhibit 81 --MS. FRANCIS: -- which, Your Honor, I would like to mark for the record as AOBA 43. 7 CHAIRMAN KANE: Yes, so marked. (AOBA Cross Exhibit Number 43 was marked for identification.) 10 MS. FRANCIS: Just for the record, what's been identified as AOBA 43 are selected pages from 11 the joint applicants' initial brief in Maryland 12 PSC case number 9361, filed on March 3rd, 2015. BY MS. FRANCIS: 15 I just want to take a look for a moment -- to take a look at -- it's page 2 of 8 of 17 that exhibit, Mr. Alden, and the top of page 3 of that exhibit. The numbers are on the top of the 19 page. 20 I'm sorry. You said page 2 of 8 and then 21 the top of page 3. Which one would you like me 22 to --

1268 Top of page 3 of 8. Just read for 1 yourself those lines? 3 Starting with? Starting with -- last line on line 30, The reliability commitments have now been further improved in response to input... Α I'm sorry. I'm having a difficult time getting to the right place here. 9 Are you looking at some pages from the joint applicants' initial brief in 9361? At the top of the page it should say AOBA Exhibit 81. 11 12 I'm looking at AOBA Exhibit 81, page 3 of 8. 13 Start by looking at page 2 of 8, and read 15 the last line and the first five or six lines on 16 page 3. 17 Α Thank you. 18 Okay. 19 Are you aware that the joint applicants' 20 initial brief in Maryland case 9361, filed on 21 March 3rd, 2015, the joint applicants promote -proposed to commit to annual reliability standards 22

			1269
1	for SAIFI	and SAIDI?	
2	Α	Yes.	
3	Q	Okay.	
4	1	MS. FRANCIS: Your Honor, that concludes	
5	my cross-	examination for Mr. Alden.	
6		Thank you, Mr. Alden.	
7		THE WITNESS: Thank you.	
8	(	CHAIRMAN KANE: Thank you, Ms. Francis.	
9	I	D.C. government?	
10	1	MR. COYLE: Thank you, Chair Kane.	
11		CROSS-EXAMINATION	
12	BY MR. CO	YLE:	
13	Q	Good morning, Mr. Alden. My name is John	
14	Coyle. I	have a few questions for you on behalf	
15	of the D.O	C. government.	
16	A	Good morning.	
17	Q	One of the nice things about following	
18	behind Ms	. Francis is that she's so thorough she	
19	makes my	life easier.	
20	I	But I wonder if we can start by	
21	confirming	g that PEPCO's 2014 SAIDI was 1.61 hours,	
22	as the Cor	mmission records it here, under the EQSS,	
1			

1270 or 97 minutes? 2 Α Yes, sir. 3 And the SAIFI was .69; is that correct? Yes, sir. Α Okay. Thanks. Would you go to your direct testimony, Joint Applicants' (D) at page 9, lines 13 through 18. You said page 9, 13 through 18? 9 Q That's correct, sir. I'm there. 10 Α 11 You say at lines 16 through 18 that, The Q improved SAIFI and SAIDI commitments above are in 12 addition to those to be achieved by the D.C. undergrounding project. 15 Do you see where I am? 16 Yes, sir. 17 Q Okay. And by the D.C. undergrounding project, you mean D.C. Power Lines Underground, 19 the D.C. PLUG initiative as it's known here? 20 Α Yes. 21 Q Clan you confirm for me, Mr. Alden --D.C. PLUG is a very substantial public-private 22

- 1 partnership construction project involving
- 2 somewhere in the neighborhood of a billion dollars
- 3 in improvements to the PEPCO D.C. system over a
- 4 period of what is now four years and possibly
- 5 longer?
- 6 A That's my understanding, yes.
- 7 Q And D.C. PLUG is going to happen whether
- 8 there's a merger or not, correct?
- 9 A I believe that to be the case.
- 10 Q So how do you separately track the
- 11 reliability improvements attributable to D.C. PLUG
- 12 versus the reliability commitments that you
- 13 associate with whatever else you're referring to
- 14 in the sentence we just talked about as what
- 15 Exelon would propose to do if the merger proceeds?
- 16 A I think Mr. Gausman has a better
- 17 understanding of the incremental value of
- 18 D.C. PLUG and how that was calculated and how that
- 19 would be tracked.
- 20 Q Okay. You yourself do not have such an
- 21 understanding; is that correct?
- 22 A I have a very basic understanding of the

- 1 rough numbers.
- 2 Q All right. Well, why don't you give me
- 3 your understanding.
- 4 A If you're looking for specific numbers on
- 5 a year-by-year basis of what that advantage is, I
- 6 can't quote those.
- 7 Q I guess for our purposes I'm a little bit
- 8 more interested in methodology. That is, going
- 9 back to your sentence, The improved SAIFI and
- 10 SAIDI commitments above are in addition to those
- 11 to be achieved by the D.C. undergrounding
- 12 project -- and I wonder how you segregate those
- 13 out in a methodological sense.
- 14 Do you use specified improvement
- 15 associated with D.C. PLUG as a baseline?
- 16 A Again, I can speculate on how that was
- 17 calculated. I think Mr. Gausman and his team have
- 18 done an analysis of the incremental benefit or the
- 19 differentiated benefit between D.C. PLUG and
- 20 non-D.C. PLUG.
- 21 Q I was going to say -- what I'm actually
- 22 trying to get at is whether and to what extent

- 1 there's an incremental benefit associated with the
- 2 reliability commitment that your testimony
- 3 addresses and how you would measure that increment
- 4 of improvement.
- 5 A I can't give you the details of that as I
- 6 sit here.
- 7 Q Okay. Let me ask you to go to your
- 8 direct testimony at page 9, line 19 through
- 9 page 10, line 5 and just read that to yourself and
- 10 let me know when you're ready.
- 11 A Okay.
- 12 Q Now, let me also ask you to take a look
- 13 at what's been marked for identification as
- 14 Exhibit DCG 64, which is joint applicants'
- 15 response to staff data request 6-1.
- 16 A 64, I have it here.
- 17 Q Okay. And can you confirm for me that
- 18 that's joint applicants' response to data
- 19 request -- staff's data request 6-1 to the joint
- 20 applicants?
- 21 A Yes, sir.
- 22 Q All right. And that is the source for

- 1 the data that we have in the record of PEPCO's
- 2 2014 SAIDI and SAIFI statistics?
- 3 A Yes, sir.
- 4 Q Okay. Now, Ms. Francis asked you --
- 5 Ms. Francis went over with you, I guess, that you
- 6 had not updated the rolling three-year performance
- 7 statistic that you recited at page 9, line 19
- 8 through page 10, line 5 of your direct testimony;
- 9 that is to say, you used a the 2011 through 2013
- 10 period, correct?
- 11 A That's correct.
- 12 Q All right. And so when you refiled your
- 13 testimony otherwise updated to February 17th, for
- 14 example, to reflect the changes in the reliability
- 15 commitments, you didn't go back and update that
- 16 statistic?
- 17 A That's correct.
- 18 Q Okay. Now, if you had -- and I realize
- 19 you went through this with Ms. Francis -- that the
- 20 improvement of a three-year average over the 2012
- 21 period -- that is to say, 2012 through 2014
- 22 period, versus 2011 through 2013 represents

1275 approximately a 16 percent improvement in SAIDI; is that right? I'm assuming that's the math, yes. Okay. And 16-1/2 percent better in Q SAIFI. Sounds correct. Q Okay. So if you had updated your three-year average to include PEPCO's 2014 reliability performance, the percentage improvement that you attribute at page 9, line 19 10 through page 10, line 5 of your direct testimony 11 would be reduced, right? The SAIFI would be 35.9 12 minus 16.5, or 19.4 percent? 13 Yes, sir. 14 And the SAIDI would be 39.6 minus 16, or 15 23.6 percent, correct? 16 17 Α That's correct. 18 Still impressive statistics, I suppose, 19 but we still can't separately account for those 20 improvements that would have happened because they 21 were required to happen by the Commission's EQSS requirements, first, right? 22

1276 That's correct. 1 Α And because -- and those improvements that would have occurred because of D.C. PLUG, right? I believe that's correct. Okay. And you would agree with me, would Q you not, Mr. Alden, that neither the EQSS regulations, nor D.C. PLUG, are contingent on the 9 merger? 10 Α I would agree. Okay. Let me ask you to go next to your 11 Q rebuttal testimony, Joint Applicants' Exhibit 12 13 (3D), at page 2, line 20 through page 3, line 15. And just please read that to yourself and let me 15 know when you're ready. You said 2, line 20 through 3 --16 17 Q 3, line 15. 18 Α Thank you. Okay. 19 Q Now, I don't mean to limit you in your 20 The same material, I think you know, is answer. 21 covered in your supplemental direct from 22 February 17th. So I just -- I wanted to ask you

1277 some questions about your interactions with Mr. Gausman on reliability questions. All right? Α Sure. Okay. The interactions that you're discussing in your rebuttal testimony and in your supplemental direct, how many meetings were there involved in that process? Α There was a sub-team of engineers that worked -- and other folks that worked independently from Mr. Gausman and myself. 10 don't have a sense of how many meetings were held 11 by that team. 12 13 Q Okay. 14 We sponsored that team. 15 And who do you mean by "we"? 16 Myself and Mr. Gausman. 17 Q Okay. And I take, then, that there were 18 some engineers involved from Exelon? 19 Α Yes, sir. 20 And some from PEPCO or PHI? 21 Α Correct. We involved engineers from both 22 PECO and BGE and PHI. And I believe even ComEd

1278 may have had some participation in that as well. Okay. And where were those meetings held? 3 Predominantly either at, I believe, PECO and PHI. Okay. PHI, you mean Edison Place --Α Yes, sir. -- here downtown D.C.? 9 A Yes, sir. 10 Q And PECO is where in Philadelphia? 11 A 23rd and Market Street. 12 Thank you. So approximately how many Q meetings were there, do you recall? 14 I'd be taking a guess. I don't know. 15 Q You didn't attend them, then? A I did not. 16 Okay. Did Mr. Gausman attend them? 17 Q 18 You'd have to ask Mr. Gausman. 19 Q Okay. When did the meetings occur? Over 20 what period of time? 21 Α I'd say those meetings occurred probably 22 the end of the fourth quarter, or start at the end

1279 of the fourth quarter of 2014 and into the first couple of months of 2015. Okay. So between October, say, of 2014, early October 2014, and February 2015? I'd say later in the fourth quarter than October. Q November, maybe? Α Possibly, yeah. Again, I don't know the exact dates. 10 Okay. And do you recall approximately Q how many engineers from Exelon were involved in 11 that process? 12 I don't know that number. 13 14 Or how many from PHI? 15 A Do not know that number. How did the engineers report their conclusions or -- that's a lousy question. 18 withdraw it. 19 What was the feedback loop to you and Mr. Gausman, if you know? Let's start with you. 20 21 What was the feedback loop to you from this 22 process?

1280 That team reported out back to what we call the business area integration team of which I'm one of the leaders. And they reported back to us on a periodic basis, maybe two or three times during that period, on the results and the progress. Business area integration team is shorthanded BAT; is that right? 9 Α Yes, sir. 10 Q And Mr. Khouzami is the head of that, is 11 he? 12 Yes, he is. 13 Okay. Who else is on the business area integration --15 A Mr. Khouzami is the overall --Q Right. 17 Α -- responsible individual for that. on the utility operations team. I head that with 19 Mr. Dickerson. 20 And who is Mr. Dickerson? 21 A He's one of Mr. Velazquez's direct 22 reports at PHI.

1 Q Do you know what his title is? 2 A I'd be taking a guess. 3 Q Okay. So who else is on the business 4 area integration team? 5 A There are a number of participants from 6 both PHI and PECO on that team. 7 Q All right. With respect to questions of 8 system reliability, would that be a particular 9 responsibility of yours and Mr. Dickerson? Do I 10 have that right? 11 A I'd say more Mr. Gausman on the 12 reliability side. 13 Q Do you know what Mr. Dickerson's sphere 14 of responsibility is within PHI or PEPCO? 15 A I'm sorry. His what responsibility? 16 Q His sphere of responsibility 17 A Oh, sphere, I'm sorry. 18 Q or what he does.
Q Okay. So who else is on the business  4 area integration team?  5 A There are a number of participants from  6 both PHI and PECO on that team.  7 Q All right. With respect to questions of  8 system reliability, would that be a particular  9 responsibility of yours and Mr. Dickerson? Do I  10 have that right?  11 A I'd say more Mr. Gausman on the  12 reliability side.  13 Q Do you know what Mr. Dickerson's sphere  14 of responsibility is within PHI or PEPCO?  15 A I'm sorry. His what responsibility?  16 Q His sphere of responsibility  17 A Oh, sphere, I'm sorry.  18 Q or what he does.
4 area integration team?  5 A There are a number of participants from  6 both PHI and PECO on that team.  7 Q All right. With respect to questions of  8 system reliability, would that be a particular  9 responsibility of yours and Mr. Dickerson? Do I  10 have that right?  11 A I'd say more Mr. Gausman on the  12 reliability side.  13 Q Do you know what Mr. Dickerson's sphere  14 of responsibility is within PHI or PEPCO?  15 A I'm sorry. His what responsibility?  16 Q His sphere of responsibility  17 A Oh, sphere, I'm sorry.  18 Q or what he does.
5 A There are a number of participants from 6 both PHI and PECO on that team. 7 Q All right. With respect to questions of 8 system reliability, would that be a particular 9 responsibility of yours and Mr. Dickerson? Do I 10 have that right? 11 A I'd say more Mr. Gausman on the 12 reliability side. 13 Q Do you know what Mr. Dickerson's sphere 14 of responsibility is within PHI or PEPCO? 15 A I'm sorry. His what responsibility? 16 Q His sphere of responsibility 17 A Oh, sphere, I'm sorry. 18 Q or what he does.
6 both PHI and PECO on that team.  7 Q All right. With respect to questions of  8 system reliability, would that be a particular  9 responsibility of yours and Mr. Dickerson? Do I  10 have that right?  11 A I'd say more Mr. Gausman on the  12 reliability side.  13 Q Do you know what Mr. Dickerson's sphere  14 of responsibility is within PHI or PEPCO?  15 A I'm sorry. His what responsibility?  16 Q His sphere of responsibility  17 A Oh, sphere, I'm sorry.  18 Q or what he does.
7 Q All right. With respect to questions of 8 system reliability, would that be a particular 9 responsibility of yours and Mr. Dickerson? Do I 10 have that right? 11 A I'd say more Mr. Gausman on the 12 reliability side. 13 Q Do you know what Mr. Dickerson's sphere 14 of responsibility is within PHI or PEPCO? 15 A I'm sorry. His what responsibility? 16 Q His sphere of responsibility 17 A Oh, sphere, I'm sorry. 18 Q or what he does.
8 system reliability, would that be a particular 9 responsibility of yours and Mr. Dickerson? Do I 10 have that right? 11 A I'd say more Mr. Gausman on the 12 reliability side. 13 Q Do you know what Mr. Dickerson's sphere 14 of responsibility is within PHI or PEPCO? 15 A I'm sorry. His what responsibility? 16 Q His sphere of responsibility 17 A Oh, sphere, I'm sorry. 18 Q or what he does.
9 responsibility of yours and Mr. Dickerson? Do I  10 have that right?  11 A I'd say more Mr. Gausman on the  12 reliability side.  13 Q Do you know what Mr. Dickerson's sphere  14 of responsibility is within PHI or PEPCO?  15 A I'm sorry. His what responsibility?  16 Q His sphere of responsibility  17 A Oh, sphere, I'm sorry.  18 Q or what he does.
10 have that right?  11 A I'd say more Mr. Gausman on the  12 reliability side.  13 Q Do you know what Mr. Dickerson's sphere  14 of responsibility is within PHI or PEPCO?  15 A I'm sorry. His what responsibility?  16 Q His sphere of responsibility  17 A Oh, sphere, I'm sorry.  18 Q or what he does.
11 A I'd say more Mr. Gausman on the  12 reliability side.  13 Q Do you know what Mr. Dickerson's sphere  14 of responsibility is within PHI or PEPCO?  15 A I'm sorry. His what responsibility?  16 Q His sphere of responsibility  17 A Oh, sphere, I'm sorry.  18 Q or what he does.
12 reliability side.  13 Q Do you know what Mr. Dickerson's sphere  14 of responsibility is within PHI or PEPCO?  15 A I'm sorry. His what responsibility?  16 Q His sphere of responsibility  17 A Oh, sphere, I'm sorry.  18 Q or what he does.
13 Q Do you know what Mr. Dickerson's sphere 14 of responsibility is within PHI or PEPCO? 15 A I'm sorry. His what responsibility? 16 Q His sphere of responsibility 17 A Oh, sphere, I'm sorry. 18 Q or what he does.
14 of responsibility is within PHI or PEPCO?  15 A I'm sorry. His what responsibility?  16 Q His sphere of responsibility  17 A Oh, sphere, I'm sorry.  18 Q or what he does.
15 A I'm sorry. His what responsibility?  16 Q His sphere of responsibility  17 A Oh, sphere, I'm sorry.  18 Q or what he does.
16 Q His sphere of responsibility 17 A Oh, sphere, I'm sorry. 18 Q or what he does.
17 A Oh, sphere, I'm sorry.  18 Q or what he does.
18 Q or what he does.
19 A I believe he's his title has something
20 to do with support services. So he's got a fairly
21 broad area of responsibility, similar to what I
22 have at Exelon.

1282 Okay. Now, sticking with the same 1 segment of your testimony, Mr. Gausman -- I'm sorry, Mr. Alden. Same color hair. I got ahead of myself. At page 3, lines 11 through 15, you say, As a result of those discussions and subsequent discussions -- do you see where I am? 9 Α Yes, I do. 10 Okay. Do you mean to draw some kind of a Q line in time between the interactions of the 11 engineers from Exelon and the engineers from PHI 12 and another set of discussions? Or what are you talking about when you say "those discussions and 15 subsequent discussions" in that portion of your testimony? 16 17 I just think -- I wouldn't read too much into that. I think it's just a series of 19 discussions that we had. 20 Okay. And then you say, Together with 21 PEPCO's 2014 SAIDI and SAIFI improvement. 22 Do you see where I am?

- 1 A Yes, sir.
- 2 Q Okay. Can you assign a relative
- 3 significance to the discussions on the one hand
- 4 and PEPCO's 2014 SAIDI and SAIFI improvement on
- 5 the other in terms of significance in the comfort
- 6 level with proposing a 90-minute SAIDI and .66
- 7 SAIFI?
- 8 A I don't know that I would be able to give
- 9 you a percentage proportion of which one weighed
- 10 more. I'd say the engineering evaluation probably
- 11 carried more weight and the data point gave us a
- 12 bit more confidence that we could commit to that
- 13 evaluation.
- I say engineering evaluation. It wasn't
- 15 a bottoms-up evaluation. It was, you know, more
- 16 of a kind of an overview or look at where we
- 17 thought the opportunities were.
- 18 Q We'll get to that in a minute. I guess
- 19 what I -- who made the call? Who had the ultimate
- 20 decision as to what Exelon was going to propose as
- 21 reliability standard commitments coming out of
- 22 this process?

1284 The recommendation was provided to 1 Mr. O'Brien and Mr. Velazquez. And so to your understanding, Mr. O'Brien and Mr. Velazquez made the decision that it was sound -- a sound move to propose a 90-minute SAIDI and a .66 SAIFI? Α Yes, sir. Based on the input from the group that you and Mr. Gausman had sponsored? 10 Α That's correct. Okay. Now, sticking with the same 11 Q portion of your testimony, Mr. Alden, you say that -- let me read the testimony aloud: result of those discussions and subsequent 15 discussions, together with PEPCO's 2014 SAIDI and SAIFI improvement, we proposed -- "we" meaning you and Mr. Gausman? 17 18 A Yes. 19 Q Okay. 20 -- proposed 90 minutes and .66 21 interruptions as the appropriate and aggressive levels for Exelon's SAIDI and SAIFI reliability 22

1285 commitments, respectively, in the merger, while at the same time maintaining a commitment not to increase reliability-related capital budget -capital and operation and maintenance budgets. Right? 5 That's correct. Q Okay. Couple of questions about what you're trying to convey here is causality, Mr. Alden. What parts of the appropriate and aggressive levels for Exelon's SAIDI and SAIFI 10 commitments are you claiming to result from 11 PEPCO's ongoing pre-merger trajectory for 12 compliance with the Commission's EQSS standards? 13 We haven't done that analysis. 14 15 And so you couldn't tell me either what part of these appropriate and aggressive levels for Exelon's SAIDI and SAIFI reliability 18 commitments are the result of the reliability 19 impacts of D.C. PLUG? 20 That's correct. 21 Q And you couldn't tell me --22 Α Other than the calculations I spoke to

1286 before that Mr. Gausman has done. All right. We'll have to ask Mr. Gausman about those, right? Α Yes. And you couldn't tell me what portion of the basis for those appropriate and aggressive levels for Exelon's SAIDI and SAIFI reliability commitments, if any, are attributable to the application of Exelon's best practices? 10 I think the closest you could get with that would be a comparison of what our initial 11 numbers were and what the revised numbers were. 12 13 Are you saying, Mr. Alden, as you sit there --14 15 A For SAIDI. 16 Q For SAIDI. 17 -- that the SAIDI improvement between your initial proposal of, what, 107 minutes --19 Α I believe that's right. 20 -- and the 90 minutes ultimately 21 proposed, you would attribute all of that to Exelon best practices? 22

- 1 A I would attribute the majority, if not
- 2 all, of that to Exelon best practices, yes.
- 3 That's essentially the evaluation that we
- 4 did in that time frame that we've been discussing
- 5 here. That was Exelon and PHI -- Exelon Utilities
- 6 and PHI challenging each other and
- 7 understanding -- getting a better understanding of
- 8 the programs, approach, et cetera, that PHI uses
- 9 as compared to the programs, approach, procedures,
- 10 et cetera, that Exelon uses.
- 11 Q Okay. But, Mr. Alden, the 107 minutes
- 12 that you had originally proposed -- and when I say
- 13 "you," I mean Exelon; I'm not laying this at your
- 14 foot personally. The 107 minutes that Exelon
- 15 proposed originally as an end state for its
- 16 reliability commitment -- are you with me?
- 17 A I believe that's an -- I have to go back
- 18 and look to see whether that's an average --
- 19 Q Let's say, for purposes of argument, it
- 20 was a three-year average of performance over the
- 21 period 2018 through 2020.
- 22 A I believe that's correct, without looking

- 1 through my testimony.
- 2 Q But you have the figure 107 minutes in
- 3 mind, correct?
- 4 A Yes, sir.
- 5 Q Okay. You do recognize, as you sit
- 6 there, that that 107-minute proposal did not
- 7 comply with the Commission's EQSS standards.
- 8 A I do recognize that, yes, sir.
- 9 Q And that the Commission's EQSS standards
- 10 would require -- and again -- let me withdraw the
- 11 question and do a little back-up for the record.
- 12 Okay.
- 13 Do you understand, Mr. Alden, that this
- 14 Commission expresses its EQSS SAIDI requirements
- 15 in hours and decimal portions of hours?
- 16 A Yes. That's fine. I can do the
- 17 conversion.
- 18 Q I can, too. I just wanted to make sure
- 19 the record was clear what we were talking about.
- In order to convert -- and -- excuse me.
- 21 There was a question in between. Exelon generally
- 22 speaks in terms of SAIDI in terms of minutes for

1289 the duration of an outage, correct? 2 Α Yes, sir. Okay. So in order to convert from the Commission's expression of 1.X hours to Exelon's expressing the same construct in minutes, you take the Commission's value stated in the D.C. municipal regulations and you multiply by 60, right? That is correct. 10 Okay. Good. Sorry that took so long, Q but I wanted to make sure it was on the record. 12 For 2018, Mr. Alden, the Commission's EQSS reliability standard for SAIDI is 99 minutes, correct? 14 15 I believe that's correct. I don't have it in front of me, but yes. Well, I'll ask if you'll accept these 17 Q values, subject to check. 19 For 2019, the SAIDI standard requirement 20 under the Commission's EQSS is 89 minutes, 21 correct? 22 I'll accept that. A

1290 All right. And the -- for 2020, the 1 commitment -- the requirement, rather, the regulatory requirement under the EQSS, stated in minutes, is 81 minutes; is that correct? I'll accept that as well. Q All right. And Ms. Francis took you through it, so I won't again, but I'd just like to get you to confirm the point that the three-year average of 99, 89 and 81 is 90; is that right? 10 Α Yes, sir. And that is the commitment that you're 11 Q proposing? 12 13 Α Correct. Proposing for SAIDI, I should say, to be 14 15 precise. 16 Α Yes. 17 Q All right. Thank you. 18 So that -- Mr. Caldwell was reminding me 19 to belabor the obvious. So the 90-minute 20 commitment on average over three years, in fact, 21 represents the equivalent of implementing the Commission's electric quality of service standards 22

```
1291
    for SAIDI over that three-year period, 2018
   through 2020, correct?
             I'm sorry. Could you say that again?
 3
             Yeah, let me break it down.
             2018, the standard is 99 minutes, right?
       Α
             Yes.
 7
             2019, it's 89 minutes, correct?
 8
       Α
             Yes.
 9
       Q
             2020, it's 81 minutes --
10
       Α
          Yes.
11
       Q
          -- for SAIDI.
12
             If I add those up and divide by three, I
  get 90 minutes, correct?
13
14
        Α
             Yes.
15
             Okay. And 90 minutes is what Exelon's
   reliability commitment for SAIDI on a three-year
   average basis is, right?
17
18
       Α
             Yes.
19
             Let's now go to your rebuttal testimony
20
   at page 4, line 22 through page 6, line 3.
            Page number again? I'm sorry.
21
       Α
22
             Page 4, line 22, through page 6, line 3.
        Q
```

- 1 Again, just as we usually do, just read it quietly
- 2 to yourself and let me know when you're ready.
- 3 Okay?
- 4 A All right. Page 6, line?
- 5 Q 3.
- 6 A I went too far. Thank you. I'm sorry.
- 7 Q That's all right. Now, in that segment
- 8 of your testimony, you identify six best practices
- 9 in the bullet points on page 5, right?
- 10 A That's correct.
- 11 Q Okay. What do you mean when you say at
- 12 page 5, line 20 and following -- and I'm quoting
- 13 here -- quote, any determination of whether the
- 14 above best practices would actually be applied
- 15 cannot be undertaken in advance of the legal and
- 16 operational combination of the companies and the
- 17 associated analyses he -- meaning Mr. O'Brien --
- 18 described. These best practices, if applied,
- 19 would be implemented as part of the overall
- 20 implementation of the Exelon management model as
- 21 described by -- excuse me -- described in detail
- 22 by Mr. O'Brien which will also lead to reliability

- 1 improvements for PEPCO, close quote.
- What are you trying to say there?
- 3 A The process of executing the management
- 4 model, integrating a new utility into the
- 5 management model, requires a great degree of
- 6 detailed analysis to be done, comparative
- 7 analysis, to look at what we would determine to be
- 8 a best practice or a standard of excellence,
- 9 determine where the gaps are between the new
- 10 utility, and decide which of those gaps create the
- 11 most value and which should be -- how they should
- 12 be prioritized and executed.
- So the list of potential -- what I would
- 14 call, potential best practices are listed here is
- 15 a very small sampling of some of the things we'd
- 16 like to look at.
- 17 Q But it's fair to say that today, as you
- 18 sit there, Mr. Alden, you don't know whether any
- 19 of the things you identify in the bullet points on
- 20 page 5 would be implemented if the merger were to
- 21 proceed?
- 22 A I don't. There are -- as I said, this is

- 1 a very, very small sampling of the things that we
- 2 would look at.
- 3 Q And you don't know whether, if they ever
- 4 were implemented, what impact, if any, they might
- 5 have; is that correct?
- 6 A I think we have a high degree of
- 7 confidence that where we can implement these or
- 8 any other best practices we've identified will
- 9 provide the benefits and achieve the commitments
- 10 that we've committed to. And that's based on
- 11 experience and the fact that we're going to be
- 12 integrating a utility that's traditionally been a
- 13 third and fourth quartile performer and into a
- 14 utility that are currently first quartile
- 15 performers.
- 16 Q As you sit here today, Mr. Alden, it's
- 17 true, is it not, that any determination whether
- 18 those best practices would actually be applied
- 19 can't be undertaken in advance of the legal and
- 20 operational combination of the companies?
- 21 A That's true.
- 22 Q Okay. So you don't know as you sit here

- 1 today. You think, but you don't know?
- 2 A We've committed to meeting those numbers
- 3 based on our confidence in being able to execute
- 4 possibly these and likely many more.
- 5 Q You have not quantified any change in
- 6 PEPCO reliability that is attributable to the
- 7 merger as opposed to improvements caused by
- 8 PEPCO's ongoing reliability program or incremental
- 9 improvements attributable to D.C. PLUG, have you?
- 10 A As I said before, you could --
- 11 specifically, no, but you could essentially say
- 12 that the improvements that we've committed to in
- 13 our most recent filing, the incremental
- 14 improvement there is based on the Exelon
- 15 management model being applied to the business.
- 16 Other than that, I believe you're -- the
- 17 answer to your question is yes.
- 18 Q When you say the incremental improvement,
- 19 you mean the 17-minute improvement in duration
- 20 over your original proposal --
- 21 A Yes, sir.

- 1 compliance with the existing EQSS.
- 2 A I understand that.
- 3 Q Okay. And then the -- I'm trying to
- 4 remember, it's 1200ths, is it, in the SAIFI?
- 5 A From .54 to .66?
- 6 Q Right. Did I do the math right?
- 7 A Yes, sir.
- 8 Q Okay. Great. So 1200ths of a frequency
- 9 in SAIFI is actually not an improvement over your
- 10 original proposal, but you said that was based on
- 11 some adjustment you made with respect to
- 12 D.C. PLUG.
- 13 A I'd say excluding the adjustment to
- 14 D.C. PLUG, which we don't have control over, it's
- 15 an equivalent commitment.
- 16 O And the .66 is 300ths better in 2018
- 17 through 2020 than what PEPCO, on a stand-alone
- 18 basis, was able to achieve in 2014.
- 19 A Yeah, you're assuming that PEPCO could
- 20 achieve that. I think Mr. Gausman would tell you
- 21 that their confidence level of being able to
- 22 achieve that for the budget dollars that we've

1297 committed to here is in question. Well, I can take that up with Mr. Gausman, I suppose. But we have to deal with the data points that we have, don't we, Mr. Alden? I understand that. Yes, sir. Now, you also reference PEPCO's five-year Q reliability-related capital and operation and maintenance budgets at page 3, lines 14 to 15, 9 right? 10 You're still in my rebuttal? Q Yes, sir. 11 12 Yes, sir. Α 13 All right. Let me ask you, first, to take a look at Joint Applicants' Exhibit (4E)-1. 15 I recognize that that's Mr. Gausman's exhibit. I 16 have a few questions for you about it. (4E)-1. 17 MR. DUVER: Is this supposed to be just 18 (4E)? I don't believe there's a (4E)-1. 19 MR. COYLE: We were provided with a 20 document that bears a heading (4E)-1. 21 CHAIRMAN KANE: Off the record. 22 (Discussion held off the record.)

1298 MR. DUVER: Your Honor, my understanding 1 is that when the February 17th testimony was originally filed, there was a work paper that was inadvertently labeled with a heading that said It wasn't intended to be an exhibit to Mr. Gausman's February 17th testimony, but simply 7 a corresponding work paper. 8 So I believe that Mr. Coyle is likely referring to the work paper that was provided with Mr. Gausman's -- Witness Gausman's testimony, but it isn't formally being introduced as an exhibit 11 by the joint applicants. 12 13 CHAIRMAN KANE: By the joint applicants. MR. DUVER: Correct. Correct. 14 15 CHAIRMAN KANE: Mr. Coyle, do you have

- MR. DUVER: And I would just note we
- 18 filed an errata later on, and as part of the fully
- 19 conformed copy, that was not included as an
- 20 exhibit to the testimony.

that work paper?

- 21 CHAIRMAN KANE: Mr. Coyle?
- MS. FRANCIS: If I could just have a

1299 minute --CHAIRMAN KANE: Ms. Francis. 2 3 MS. FRANCIS: -- to talk to Mr. Coyle, I think I have it in one of my exhibits. CHAIRMAN KANE: Actually, let's use this as the opportunity to take a ten-minute break, also allow the court reporter to start getting some of this transcript uploaded. We've been -very good. We've gotten yesterday's already, and that's very helpful. 10 11 So we will come back in ten minutes. 12 (Whereupon, a short recess was taken.) 13 CHAIRMAN KANE: All right. We are resuming. It is 12:27. Mr. Alden, you're still 15 here back on the stand. It's my intention to, if we could finish 16 with Mr. Alden before we take a lunch break --18 MR. COYLE: Mine too. 19 MR. DUVER: Your Honor, I believe we 20 worked it out at the break that the questions 21 regarding that particular document would be 22 directed to Mr. Gausman.

1300 MR. COYLE: That's correct, Chair. I can 1 cover -- cover what I need to cover with Mr. Alden with reference to a document already in the record. So we'll leave the actual budget to Mr. Gausman. CHAIRMAN KANE: That's fine. 6 MR. COYLE: Apologize for the confusion. CHAIRMAN KANE: And I do understand that we are going to take Mr. Gausman after Mr. Alden. 10 That is a change? 11 MR. DUVER: Yes. CHAIRMAN KANE: Mr. Lorenzo -- I mean, 12 13 excuse me, Mr. Duver. MR. DUVER: I believe, in order to 14 accommodate witness schedules and all, we're going to put Mr. Gausman on next after the lunch break as the very next witness. And then Mr. McGowan would be moved until next Tuesday or Wednesday, 19 because Mr. McGowan isn't available on Monday. 20 CHAIRMAN KANE: So he would be moved till 21 Tuesday. MR. DUVER: Correct. 22

1301 CHAIRMAN KANE: Okay. Let me just remind 1 all of the parties, in particular the joint applicants, that when there are changes in schedule proposed, such as happened after hours last night, that you need to communicate directly with the lead attorney for the Commission, with Mr. Herskovitz. Whatever else -- anybody else you tell and work it out with, but you need to be sure that that is our point of contact. 10 MR. DUVER: We will do that. 11 CHAIRMAN KANE: Thank you. MS. FRANCIS: With one caveat, Your 12 13 Honor. The joint applicants have agreed that I could cross Mr. Gausman on Monday after Mr. Gould 15 because I'm going to have to leave before it's -before there's time for me to cross Mr. Gausman. 16 17 CHAIRMAN KANE: Today. 18 MS. FRANCIS: Today. 19 CHAIRMAN KANE: Yes. All right. 20 Mr. Coyle? 21 MR. COYLE: Thank you, Your Honor. BY MR. COYLE: 22

1302 Now, after all that, Mr. Alden, let me 1 refer you to a different exhibit. 3 Α Okay. Would you take a look at Exhibit (4A)-2, page 2, line 7. I'm sorry, page 2, item 7. Α Okay. Q Now, (4A)-2, Exhibit (4A)-2, Joint Applicants' Exhibit (4A) -2 is the joint applicants' collection of their merger 10 commitments, correct? 11 A Yes, sir. 12 And item 7 in Exhibit (4A)-2 is the reliability commitment that we've been discussing during this cross-examination, correct? 15 Α Yes, it is. Okay. There is a table 1 toward the bottom of the page. Do you see where I am? 18 Α I see it. 19 Okay. And it can be a little bit 20 difficult to read, but the first line in table 1 is, Reliability-driven capital expenditures, 2014 21 through 2020. Is that right? 22

- 1 A Yes. It's a little blurry even with my
- 2 progressive lenses here, but I see it.
- 4 for 2014 through 2020 that are reflected in that
- 5 first line that says, PEPCO D.C. -- does that set
- 6 forth the capital budget to which Exelon is
- 7 proposing -- within which Exelon is proposing to
- 8 meet its three-year average commitments with
- 9 respect to SAIDI and SAIFI?
- 10 A Those would be the -- yes, those would be
- 11 the capital expenditures.
- 12 Q Okay. Now, the 2014 capital expenditures
- 13 have already happened, obviously, correct?
- 14 A Yes, sir.
- 15 Q Okay. And if the merger doesn't close
- 16 until, I believe we heard January -- sorry,
- 17 July 29th, or perhaps as late as October 29th, a
- 18 good chunk of the 2015 will have been spent before
- 19 the merger as well, correct?
- 20 A That's correct.
- 21 Q Okay. And do you know -- and it's okay
- 22 if you don't -- which of those budgetary figures

1304 has been accepted by this Commission in a rate case? I don't know. Okay. Same set of questions with respect to the line beginning, PEPCO O&M reliability budget, Mr. Alden. Those figures are the operation and maintenance expenditures on which Exelon's commitment is premised? 9 Α Yes. 10 And to your knowledge, is there a more Q detailed O&M budget associated with those figures? 11 12 Α I believe there is. Mr. Gausman would be the appropriate person to ask that question. Okay. What is forestry? 14 15 I believe that's everything that encompasses the vegetation management program. 16 Do you see the single asterisk underneath 17 forestry that says, Projected budgets reflect 19 inflation by escalating the previous year by 20 3 percent? 21 Α Yes. 22 Do you know whether that applies to both

- 1 capital and O&M or only O&M?
- 2 A It's my understanding that applies to
- 3 only O&M.
- 4 Q Thank you. Now, I want to continue to
- 5 explore the commitment with you a little bit,
- 6 Mr. Gausman, and make sure I understand.
- 7 A You're still talking to Mr. Alden, by the
- 8 way.
- 9 Q I'm sorry. I apologize again.
- 10 Mr. Alden.
- 11 A Just so you don't ask me the wrong
- 12 question.
- 13 O It's good. Fortunately, I only run one
- 14 script at once on this screen.
- Mr. Alden, the relationship in the
- 16 commitment between the budgets and the SAIDI and
- 17 SAIFI levels is limited to the three-year average,
- 18 is it not? In other words, let me -- that was a
- 19 terrible question. Let me ask it again.
- 20 The commitment speaks to attaining a
- 21 SAIDI level of 90 minutes and a SAIFI of .66 on a
- 22 three-year average basis between 2018 and 2020,

1306 correct? Α That's correct. Without exceeding the budgets listed in that commitment that we were just looking at. That's correct. The commitment does not extend, does it, Q to meeting each year's electric quality of service standard requirement within that time frame, 2018 through 2020, does it? 10 Α That's correct. The commitment and the associated penalties are related to the 2018 11 through 2020 average performance. 12 So the first question is, if it ends up 13 costing more than is set forth in those budgets to 15 attain compliance with the electric quality of 16 service standards requirement year by year for 17 SAIDI or SAIFI, you'll be in for a rate case to 18 get that money, right? 19 Assuming that those increases were outside of our control. I can't give you a yes or 20 21 no answer. I think Mr. Crane's answer was 22 appropriate, possibly.

- 1 Q Well, I want to make sure I understand,
- 2 because I do understand there's a level of
- 3 contingency associated with the commitment itself,
- 4 and I'll get to that, but that wasn't what I was
- 5 asking you. What I was asking you was year by
- 6 year, you do you understand the Commission's
- 7 electric quality of service standards impose an
- 8 annual obligation for SAIDI and SAIFI levels?
- 9 A Absolutely. Yes, sir.
- 10 Q Okay. And we just discussed your
- 11 commitment, Exelon's commitment, as being offered
- 12 on a three-year average basis for 2018 through
- 13 2020.
- 14 A Yes, sir.
- 15 Q So if those budgets do not -- and when I
- 16 say "those budgets," I mean the ones we were just
- 17 looking at in (4A)-2 -- those budgets do not turn
- 18 out to be sufficient in the event to attain the
- 19 annual SAIDI and SAIFI required by the electric
- 20 quality of service standards, Exelon would not
- 21 feel itself constrained by this commitment not to
- 22 come in for more money to the Commission.

- 1 A I think that's accurate. We would not
- 2 feel constrained, yes.
- 3 Q Okay. All right. Now, I think you've
- 4 told me, in terms of any sort of detailed
- 5 questions on the budgets, those ought to be
- 6 directed to Mr. Gausman, correct?
- 7 A I think that would be appropriate, yes.
- 8 Q All right. That's the way we'll handle
- 9 it.
- 10 Let's go back now to page 3, line 16
- 11 through page 4, line 21 of your rebuttal
- 12 testimony. And I'd also like you to take a look
- 13 at Joint Parties' Hearing Exhibit Number 1 at
- 14 page 31.
- 15 A I'm sorry. You went through that pretty
- 16 quickly. Could you give me the pages again for
- 17 the rebuttal?
- 18 Q For the rebuttal, page 4, line -- I'm
- 19 sorry, page 3, line 16 through page 4, line 21.
- 20 That will be an easy read for you.
- 21 And then I want you also to look at Joint
- 22 Parties' Hearing Exhibit Number 1 at page 31.

1309 Okay. 1 Α Now, the portion of your rebuttal testimony that I cited you to is blank, isn't it, Mr. Alden? Yes, it is. Okay. If I go to Joint Parties' Hearing Q Exhibit Number 1 at page 31, I will find the missing testimony. That would being reflected in the middle column on page 31 that says, Original 10 text, correct? 11 Yes, I see it. Α Would you take the first segment for 12 page 3, lines 15 through 21 and explain to me why that was deleted. 15 I believe it's because we've modified our commitment to meet the SAIDI standard, and we've slightly modified the SAIFI to reflect the 18 D.C. PLUG delay. 19 And what about the second segment? 20 you could read that quietly to yourself and then 21 let me know when you're ready.

22

Α

Okay.

- 1 Q All right. You say there toward the
- 2 middle of the segment, While our proposed standard
- 3 continues to improve SAIDI in those years, it is
- 4 correct that the proposed SAIDI benchmark is not
- 5 more aggressive than the current EQSS benchmarks
- 6 for 2018 through 2020, and my statement in my
- 7 direct testimony may have been overbroad.
- In fact, it was overbroad, wasn't it,
- 9 Mr. Alden?
- 10 A Yes, sir.
- 11 Q Okay. Now I'd like you to go to your
- 12 supplemental direct, if you would, please.
- 13 A Okay.
- 14 Q And I told you we were going to get to
- 15 the contingencies on your commitment, and here
- 16 they are. I want you to take a look at page 2,
- 17 lines 1 through 9, and page 3, lines 1 through 5,
- 18 read those to yourself and let me know when you're
- 19 ready.
- 20 A Okay.
- 21 Q Page 2, lines 5 through 9, you identify
- 22 contingencies with respect to the commitment,

1311 correct? 2 Α Yes, sir. And specifically to make sure we're focused on the same language, you say, Joint applicants commit to meet the following SAIFI and SAIDI averages calculated for the three-year 2018 through 2020 period without exceeding the 8 aggregate capital and O&M spending levels listed 9 in table 1 of Mr. Gausman's February 17, 2015 supplemental direct testimony. 10 11 And here we get to the contingencies: Absent changes in law, regulations or extreme 12 13 weather events requiring increases in reliability-related spending to restore service 15 and facilities -- so so far we have three, right: 16 Changes in law; changes in regulations; and 17 extreme weather events requiring increases in 18 reliability-related spending, right? 19 Α Yes. 20 Okay. And the fourth contingency is variations in the schedule of the D.C. PLUG that 21 22 are outside of PEPCO's control, right?

1312 1 Yes. Α 2 Okay. And we go over to page 3, line 5, again, you emphasize that the commitment is contingent on the D.C. PLUG initiative moving ahead on a schedule such that the currently forecasted year one feeder work is completed and in service in 2016 and that, for each plan year in the D.C. PLUG initiative from 2017 to the beginning of 2020 the subsequent feeder work is 10 completed and in service on schedule. Right? 11 Α Yes. And then in footnote 2, you refer to 12 PEPCO and DDOT's 90-day supplemental report in formal case number 2016, right? 15 Α Yes. 16 I'm sorry, 1116. I apologize. 17 Let me ask you to take a look, if I 18 could, Mr. Alden, at Exhibit -- what's been marked 19 for identification as Exhibit DCG 77. 20 Α Okay. 21 Could you confirm for me that Exhibit DCG 77 is the D.C. PLUG construction 22

1313 schedule from the -- what I'll informally call the 90-day update in formal case 1116 that was filed February 10th, 2015? I haven't seen it before, but that's what it's titled. Q Okay. You reference it in footnote 2 of your testimony, don't you? 8 Α Yes, sir. 9 But you hadn't seen it? 10 Α I haven't seen the details of it, no. 11 Q I see. Okay. All right. 12 Would you also take a look at what's been marked for identification as Exhibit DCG 76. 13 can you tell me whether that is the construction 15 schedule that was submitted as appendix C to the

- 16 joint application of PEPCO and the District of
- 17 Columbia Department of Transportation in formal
- 18 case 1116 on June 14th, 2014?
- 19 A I think these questions might be better
- 20 suited for Mr. Gausman, because I can't confirm
- 21 that.
- 22 Q All right. Well, that's fair enough.

- 1 Let me maybe give you one that you can answer.
- 2 Keeping -- keeping DCG -- what had been marked for
- 3 identification as DCG 76 and 77 handy, would you
- 4 now go back to Exhibit (4A)-2, item 7, on page 2,
- 5 and footnote 1?
- 6 A I'm sorry. Say that again, I've got
- 7 three things open here.
- 8 Q Yeah, I know.
- 9 A I'm trying to work my way through it.
- 10 Q I know. It's not easy, and I only have
- 11 it on one screen.
- 12 Go back to (4A)-2, which is the merger
- 13 commitments, on page 2, item 7. Take all the time
- 14 you need.
- 15 CHAIRMAN KANE: Mr. Coyle, if I might
- 16 interrupt, do you intend to mark these exhibits?
- 17 The ones just referred to.
- 18 MR. COYLE: I do, Your Honor. What
- 19 I'm -- what I'm trying to figure out, while the
- 20 witness is inquiring with counsel, is whether I'm
- 21 going to try to offer them through this witness
- 22 or -- I mean, they've been marked for

- 1 identification. Whether I'm going to try and
- 2 offer them through this witness or Mr. Gausman,
- 3 since the witness says he's not that familiar with
- 4 the first one of them.
- 5 MR. DUVER: Mr. Gausman is the next
- 6 witness.
- 7 CHAIRMAN KANE: Mr. Gausman is the next
- 8 witness. And what I'd ask is -- the first time
- 9 around, you indicated you were going to put all of
- 10 your exhibits into the record.
- MR. COYLE: Yes.
- 12 CHAIRMAN KANE: We did not go through the
- 13 process of renumbering them.
- 14 MR. COYLE: Correct.
- 15 CHAIRMAN KANE: Do you intend to put all
- 16 77 exhibits into the record? You've put about 35
- 17 in there so far.
- 18 MR. COYLE: I do, Your Honor.
- 19 CHAIRMAN KANE: You do?
- 20 MR. COYLE: Yes. If there's no objection
- 21 from the Commission, I'd be happy to proceed the
- 22 way I have.

```
1316
            CHAIRMAN KANE: We started down that
1
   path, so I will allow it this time.
3
            MR. COYLE: Thank you, Your Honor.
   BY MR. COYLE:
            Mr. Gausman, do you have Exhibit (4A)-2?
            Mr. Alden. Still.
       A
          God, I'm sorry. I apologize.
       A You can write it down in front of you
   there.
10
            I apologize. Do you have Exhibit (4A) -2
       Q
  in front of you?
11
12
       Α
            I do.
            Exhibit (4A)-2, footnote 1 on page 2
13
   refers to the appendix C construction schedule,
   does it not?
15
       Α
         Yes, it does.
            Do you understand, from having looked at
       Q
   the exhibits, that you reference a different
19
   construction schedule than the one that is
20 referenced in the commitment as presented in
21 (4A) - 2?
22
       A I believe that's an error that requires a
```

1317 correction. 2 Q Okay. In my discussions with counsel. Okay. Let me ask you this and sort of hope that that would get that dialogue started. Which construction schedule is it, if you know, that the joint applicants intend to use as a baseline for determining whether there's been a change in the D.C. PLUG construction schedule that would excuse their failure to meet their commitment with respect to item 7 in 11 Exhibit (4A)-2? 12 13 Again, I would refer that question to Mr. Gausman. 15 Very good. Let me take a guess, Mr. Alden. If I were to ask you what the differences were between the two schedules, you would refer me to Mr. Gausman too, wouldn't you? 19 Α That's a correct quess. 20 All right. Thank you. 21 Do you know, Mr. Alden, what the 22 sensitivity is of the commitment expressed in

1318 item 7 of Exhibit (4A)-2 to changes in the D.C. PLUG construction schedule? Can you help me understand sensitivity --Sure. -- how you're defining that. Sure. You've reserved in your testimony Q a contingency, which is to say we'll do this -we'll do a SAIDI of 90 and a SAIFI of .66 on a three-year average basis between 2018 and 2020 if none of the following contingencies occur, one of 10 which is a change in the D.C. PLUG construction 11 schedule, right? 12 13 Α Yes. Okay. So we've established that one 14 15 change has already happened in the D.C. PLUG construction schedule, and at some point we'll 16 need to nail down which one we're looking at as 18 the starting point for this, right? 19 Α I understand, yes. 20 So the other question is, is there Okay. 21 a sensitivity? In other words, does a change in 22 the D.C. PLUG construction schedule trigger a

- 1 change in the applicants' -- in the joint
- 2 applicants' ability to meet the commitment
- 3 expressed in item 7 of Exhibit (4A)-2?
- 4 A I think the question should be -- any
- 5 questions with respect to the schedule should be
- 6 referred to Mr. Gausman.
- 7 Q Okay. Mr. Alden, you've been in the
- 8 utility business a long time, I think; is that
- 9 right?
- 10 A Yes, sir.
- 11 Q Have you been -- how many multi-year
- 12 underground utility construction projects have you
- 13 been involved in over the course of your career?
- 14 A I worked in Chicago as the vice president
- 15 of project and contract management, and at the
- 16 time we did quite a few underground transmission
- 17 projects in the City of Chicago. I couldn't tell
- 18 you the number.
- 19 Q Okay. I bet you can tell me this,
- 20 though: How many of the underground utility
- 21 construction projects that you've been involved in
- 22 over the course of your career ever adhered to

1320 their original construction schedule throughout the course of the entire project? A I don't know the answer to that question. Q It's a much smaller universe than all the projects, isn't it? A I couldn't give you a firm answer on that question. Q Fair enough. Thank you, Mr. Alden. have no further questions for this witness. 10 CHAIRMAN KANE: Thank you. 11 Does DC SUN any questions for this 12 witness? 13 MS. SPENCER: DC SUN has no questions for 14 Mr. Alden. 15 CHAIRMAN KANE: Ms. White? MS. WHITE: Good afternoon, Madam 17 Chairwoman. 18 CROSS-EXAMINATION 19 BY MS. WHITE: I have just a few questions for you, 21 Mr. Alden. My name is Nancy White. I represent 22 D.C. Water in this proceeding. Am I correct that

```
1321
   the joint applicants' initial SAIFI commitment
   was .54?
3
       A
            That's correct.
            The revised commitment is .66?
       A That's correct.
            And if I'm doing my math right, that
   difference is .12.
       A
            That's correct.
            And all three numbers are three-year
   average numbers; is that correct?
11
       A
            That's correct.
12
            The .12 difference you have attributed to
   a one-year slippage in D.C. PLUG; is that right?
14
            That's right.
15
            Help me get my arms around the math here.
   You've got a one-year slippage in D.C. PLUG that
   creates a .12 change in the SAIFI number. Doesn't
   mathematically that mean that the actual one-year
19
   slip -- that the one-year impact for D.C. PLUG is
20
   .36, since we're comparing one-year and three-year
21
   averages?
22
       A Could you repeat that?
```

1322 Mathematically --1 2 Α You lost me. -- if you have a one-year slippage in D.C. PLUG, have a .12 impact on a three-year average number, doesn't that mathematically mean that the actual impact of the one-year PLUG 7 slippage is .36? I don't know. I'd have to think about And, potentially, Mr. Gausman is better suited to answer that question. He has a better 10 understanding of the impact of the D.C. PLUG 11 slippage than I do. 12 13 MS. WHITE: I think we can take that up with Mr. Gausman. That's all I have. Thank you, 15 Madam Chairwoman. 16 Thank you, Mr. Alden. CHAIRMAN KANE: Commissioner Fort? 17 18 COMMISSIONER FORT: Good afternoon. So I 19 was expecting Ms. Francis, who always does a good 20 job of this, to do a couple of questions that she 21 didn't do this time, so I'm going to do them. 22 Usually I'm informed about what people do within

1323 their organization by the background questions that she asks. But I have been intrigued about trying to 3 understand how Exelon operates. So you say you're the vice president of utility oversight and integration. Where is that located exactly within Exelon? 8 THE WITNESS: It's located -- I report directly to Mr. O'Brien. I'm a direct report to Denis O'Brien. Physically, I'm located in 10 Philadelphia, but I travel amongst the three 11 current Exelon utilities on a regular basis cyst. 12 13 COMMISSIONER FORT: So Mr. O'Brien yesterday told us that he works for the business 15 services company. 16 THE WITNESS: Correct. COMMISSIONER FORT: And in the Exelon 17 18 Utilities division. 19 THE WITNESS: Yes, ma'am. 20 COMMISSIONER FORT: That's where you are? 21 THE WITNESS: Yes. 22 COMMISSIONER FORT: And that's what you

1324 do? 1 2 THE WITNESS: That's correct. 3 COMMISSIONER FORT: I think you just responded to, I think one of Mr. Coyle's questions, that the process of integrating requires a great degree of analysis, when they were talking about the business integration process. 9 THE WITNESS: Yes. 10 COMMISSIONER FORT: So tell me, who else is in your utility oversight and integration 11 division, how many employees and where are those 12 employees located? 13 14 THE WITNESS: I have two direct reports 15 that deal with oversight -- with the oversight 16 component of this, and I have two other direct 17 reports that deal directly with the integration 18 piece of it. 19 COMMISSIONER FORT: And where are they? 20 Are they employees of the business services 21 company? THE WITNESS: Yes, they report directly 22

1325 to me. One of those employees is a -- is located in Chicago at ComEd. 3 COMMISSIONER FORT: Does that mean that that person is detailed to ComEd in Chicago? 5 THE WITNESS: No, they have responsibility for all of the utilities. So what we try to do is balance and provide diversity within my organization across the utility. have -- essentially I have reports from all of the Exelon utilities that work in my organization. And they -- many of them are located in their home 11 utility, so to speak, but they have responsibility 12 for dealing with and managing all of the Exelon utilities. 14 15 COMMISSIONER FORT: So you have --16 THE WITNESS: Or overseeing. 17 COMMISSIONER FORT: So you have one person located in Chicago. 18 19 THE WITNESS: Yes. 20 COMMISSIONER FORT: And so now you've got 21 three more to account for. Where are they? 22 THE WITNESS: Right. One is located in

- 1 Philadelphia and the other two locate typically in
- 2 the utility that we're going to integrate into the
- 3 business.
- 4 COMMISSIONER FORT: So the person who is
- 5 in Philadelphia, is that person located in PECO?
- 6 THE WITNESS: He also works in business
- 7 services and reports directly to me. But he's
- 8 located in the PECO main office building at 23rd
- 9 and Market Street.
- 10 COMMISSIONER FORT: I didn't hear you say
- 11 that anybody was located in Baltimore or at BG&E;
- 12 is that correct?
- 13 THE WITNESS: That's correct. So BG&E
- 14 was the most recently integrated utility,
- 15 obviously. During that integration period, I was
- 16 located at BG&E, along with two of my direct
- 17 reports, to assist cysts them with the
- 18 integration. So we actually put a team of people
- 19 on the ground in Baltimore to help assist them,
- 20 get acclimated and understand how the management
- 21 model works and how to get them fully integrated
- 22 in the Exelon family of utilities.

1327 COMMISSIONER FORT: And does that mean 1 that you would anticipate locating somebody from your team at PHI? THE WITNESS: Yes, absolutely. We'll have a team of people on the ground here with PHI, with Mr. Velazquez's team. 7 COMMISSIONER FORT: How are the costs for those individuals on your team handled? 9 THE WITNESS: During that integration period, those -- I believe those costs are -they're allocated. Once again, it depends on how 11 much time they're spending specifically on the PHI 12 work versus how much time they're spending on overseeing and managing the other utilities and 15 the support that they provide PHI during the integration. 16 17 COMMISSIONER FORT: So the -- so does that mean that we can't count that cost as a 19 benefit? Let me ask that differently. 20 If -- as I understand it, the costs are 21 going to be allocated to PHI. That's a cost to 22 them --

1328 1 THE WITNESS: That's correct. 2 COMMISSIONER FORT: -- and to D.C. 3 ratepayers. THE WITNESS: That's correct. 4 COMMISSIONER FORT: Do you know whether or not Ms. Tierney is counting that also as a benefit? 8 THE WITNESS: I don't know. I would -that's an interesting question. I think you'd have to look at both the cost and the benefit of having that team at PHI, because obviously the 11 more quickly we can integrate PHI into the 12 business, apply best practices, and then apply those to the business, which obviously creates a 15 benefit, that we want to do that. So I think you've got to look at kind of 16 the overall benefit associated with that. I don't know if that's been factored in or not. The costs 19 are not significant to do that, as compared to the 20 benefit that we get by integrating the new company 21 into the business. 22 COMMISSIONER FORT: Do you know if

1329 there's a procedure for tracking all of the costs that are associated with getting the management model up and running at a new entity? THE WITNESS: I believe there's a 4 mechanism to be able to do that, yes. COMMISSIONER FORT: And who would I talk 6 to about that mechanism? 8 THE WITNESS: Mr. Khouzami. COMMISSIONER FORT: Do you know whether 10 or not the integration is considered a special 11 service under a service-level agreement under your general service agreement? 12 13 THE WITNESS: I don't know the answer to 14 that question. 15 COMMISSIONER FORT: Is that a 16 Mr. Khouzami? 17 THE WITNESS: Mr. Khouzami would be the 18 person, yes. 19 COMMISSIONER FORT: Were you involved in 20 the integration of BGE? 21 THE WITNESS: Directly, yes. For the 22 utility operations portion of that integration.

1330 COMMISSIONER FORT: Somebody asked you 1 earlier how long that process took and you gave an 18 to 24-month estimate? THE WITNESS: Yes. 4 COMMISSIONER FORT: Would you expect the integration of PHI, which includes three utilities, as well as PHI, to take longer or shorter? 9 THE WITNESS: I would expect it to take 10 less time. 11 COMMISSIONER FORT: And why is that? 12 THE WITNESS: The BGE integration was 13 really, I'd say, the first opportunity we had to fully integrate a utility using all aspects of our 15 management model. And so obviously, there are some fits and starts associated with that, and 16 some lessons learned that come out of that. 18 Those lessons learned have been applied 19 to the integration plan for PHI, and I believe it 20 will be much easier for us to integrate PHI into 21 the family of utilities than it was to do so with 22 BGE.

	1331
1	COMMISSIONER FORT: BGE operated in only
2	one jurisdiction, correct?
3	THE WITNESS: Yes.
4	COMMISSIONER FORT: PHI has three
5	companies operating in four jurisdictions.
6	THE WITNESS: Yes, ma'am.
7	COMMISSIONER FORT: And your assumption
8	is that that is going to take less time because
9	the lessons that you learned from the BGE
10	experience can be applied more quickly in PHI? Is
11	that what I just heard you say?
12	THE WITNESS: That's correct. It's my
13	understanding, from working with Mr. Velazquez's
14	team over the past few months, that a good bit of
15	work has been done with respect to integrating the
16	PHI utility so that there's a close relationship
17	between those utilities. So it's not like we're
18	integrating four different utilities with four
19	different sets of procedures and four different
20	ways of operating the companies.
21	COMMISSIONER FORT: Can you give me some
22	examples of what's been done in that respect?

		1332
1	THE WITNESS: At BGE or at PHI?	
2	COMMISSIONER FORT: At PHI, yes.	
3	THE WITNESS: I I wouldn't be able to	
4	give you the specifics of that.	
5	COMMISSIONER FORT: So who was working	
6	with Mr. Velazquez on that?	
7	THE WITNESS: That's been I believe	
8	that's been done over the number of years. It	
9	would be his team, his direct reports.	
10	COMMISSIONER FORT: I'm sorry. I thought	
11	you were talking about something that was being	
12	done between Exelon and PHI.	
13	THE WITNESS: Oh, no, no.	
14	COMMISSIONER FORT: Did I	
15	THE WITNESS: I'm sorry. I'm sorry. I'm	
16	sorry if I confused you, no. My point was or	
17	the point I was trying to make was it will be	
18	easier for us to integrate PHI than it would be to	
19	integrate four separate utilities, because PHI has	
20	essentially already gotten those utilities to	
21	operate under essentially one umbrella from the	
22	standpoint of from the standpoint of operating	

1333 practices and efficiencies and those types of things. 3 COMMISSIONER FORT: So for example, if all four utilities are using the same billing, customer billing package -- is that what we're talking about? THE WITNESS: Yes. Right. COMMISSIONER FORT: Do the PHI utilities use the same customer billing package as the Exelon utilities currently? 10 11 THE WITNESS: There are some similarities with respect to the billing package. I don't know 12 the specifics of that. 13 COMMISSIONER FORT: Are you familiar with 14 the new billing package that PHI has rolled out? 15 16 THE WITNESS: I'm not. 17 COMMISSIONER FORT: Within your process, who looks at those type of integration issues? 19 THE WITNESS: There are -- within that 20 process, I believe that would be the 21 responsibility of the -- there's a support and 22 cost to achieve team I believe was looking at

1334 that. Mr. Khouzami can answer that question more clearly than I could. 3 COMMISSIONER FORT: So the support and cost to achieve team is different from your --THE WITNESS: I have responsibility --5 COMMISSIONER FORT: -- utility oversight and integration team? 8 THE WITNESS: Yeah, there's -- we're talking about organizations versus integration team, so I just want to make sure we don't confuse 10 the two. My organization is the oversight and 11 integration organization. There is a separate 12 integration team that essentially my group would head up which is related specifically to utility 15 operations, which would be customer service, field 16 operations, those types of things, things that are 17 more directly operational. 18 COMMISSIONER FORT: Do you consider 19 billing customer service? 20 THE WITNESS: Billing would be one of the 21 aspects of the business, and it's one of our 44 22 core functions, so yes.

1335 COMMISSIONER FORT: Is there an 1 organization chart for Exelon Utilities? 3 THE WITNESS: Yes, there is. COMMISSIONER FORT: Individually just for Exelon Utilities? THE WITNESS: Yes. Under Mr. O'Brien. 6 COMMISSIONER FORT: I'm going to make a request that we see the Exelon Utility (sic) 9 organization chart. MR. DUVER: We will consider that a bench 10 data request and get the information to you, Your 11 12 Honor. 13 COMMISSIONER FORT: Thank you. The improvements at BGE under the 14 15 management model have been cited frequently as an example of what we could expect under the PHI 16 17 model. And you were involved in that process, you said. What were the metrics that measured the 18 19 improvements? 20 THE WITNESS: I believe Mr. O'Brien spoke about the KPIs that he uses at the EU level. 21 22 Those we would characterize as tier 1 metrics.

1336

- 1 Those are ones that are typically benchmarkable
- 2 and they're -- they're contained in a book that
- 3 Mr. O'Brien receives once a month, along with the
- 4 CEOs from each company.
- 5 So those metrics are, first and foremost,
- 6 used to manage the business. And then there are a
- 7 series of other metrics below that, tiers 2, 3,
- 8 all the way down to tier 4, that the local
- 9 business areas can use that typically influence
- 10 and roll up to the tier 1 metrics.
- 11 COMMISSIONER FORT: And what tier metrics
- 12 are you responsible for?
- 13 THE WITNESS: I don't know that I'd say
- 14 I'm responsible for any of the tier metrics. The
- 15 businesses are responsible for their performance
- 16 as it relates to metrics.
- 17 COMMISSIONER FORT: What tier metrics are
- 18 you responsible for overseeing?
- 19 THE WITNESS: Typically tiers -- well,
- 20 actually, tiers 1 through 4, all tiers, from the
- 21 standpoint of making sure the businesses are using
- 22 the appropriate tiers, tiered metrics, that

1337

- 1 they're sharing the tiered metrics across the
- 2 organization and that the definitions for those
- 3 metrics are the same and well understood across
- 4 the organization so that we don't have problems
- 5 with -- associated with people saying, well, I
- 6 measure it this way and I measure it that way.
- 7 We take a lot of time to make sure that
- 8 we can do accurate side-by-side comparisons across
- 9 the utility so that there's no confusion here.
- I have responsibility for making sure
- 11 that those metrics are built and measured the same
- 12 way.
- 13 COMMISSIONER FORT: So you were
- 14 responsible -- you're responsible for making sure
- 15 that the metrics for the three existing
- 16 distribution utilities are being met in the same
- 17 way?
- 18 THE WITNESS: Correct, that they're built
- 19 the same way, the data sources are the same, the
- 20 performance as it's related to those is -- the
- 21 data for that is captured the same way and
- 22 reported the same way.

1338 COMMISSIONER FORT: Do you know whether 1 or not Exelon Utilities performed its own financial analysis of the spending requirements to achieve SAIDI and SAIFI improvements? You mentioned that we could ask Mr. Gausman, but I assume that Mr. Gausman did it from a PHI perspective. Do you know whether or not somebody did it within Exelon Utilities from an Exelon perspective? 10 THE WITNESS: That's part of the business planning process. The metrics and the benchmarks 11 that we aspire to achieve and the gaps associated 12 with those are identified through the business planning process, and then the budgets are created 15 accordingly. COMMISSIONER FORT: And which witness who 16 17 is in this proceeding is involved in the business 18 planning process? 19 THE WITNESS: Mr. Khouzami could answer 20 those questions. 21 COMMISSIONER FORT: Thank you. 22 CHAIRMAN KANE: Thank you, Mr. Alden.

1339

- 1 Just one follow-up question on your -- the
- 2 integration part. You described in the BG&E
- 3 situation that you came in, and a couple of other
- 4 people from your division, and worked in Baltimore
- 5 with the team. Now, was Mr. Butler part of that
- 6 team also? I want to be clear that he described a
- 7 role that he had during a transition period.
- 8 THE WITNESS: Yes. At the beginning of
- 9 that period, Mr. DeFontes was still the CEO at
- 10 BGE. I reported directly to Steve Warner, who is
- 11 the chief operating officer at BGE. So I
- 12 essentially became a direct report to Steve.
- 13 As Mr. DeFontes transitioned out and
- 14 Mr. Butler transitioned in, then obviously he had
- 15 responsibilities for ensuring that those plans
- 16 were completed.
- 17 CHAIRMAN KANE: And are those the
- 18 costs -- Commissioner Fort asked about allocating
- 19 the cost of that service, if you will. Are those,
- 20 under the joint applicants' application,
- 21 considered transition costs or transaction costs?
- 22 THE WITNESS: I don't know. Mr. Khouzami

1340 would probably have to answer that question. 2 CHAIRMAN KANE: Then, finally, just in terms of once an integration is fully achieved, that 18 to 24 months, then you leave the company and go back to your day job until the next acquisition? 7 THE WITNESS: Yeah, I don't leave the company. I don't --9 CHAIRMAN KANE: No, I meant --10 THE WITNESS: -- think I ever leave 11 the --CHAIRMAN KANE: -- leave the company that 12 you were -- for example --13 THE WITNESS: I understand. 14 15 CHAIRMAN KANE: -- BG&E. You're not at 16 BG&E anymore; you've gone back to Philadelphia. THE WITNESS: I understand. I don't -- I 17 don't ever really leave any of the companies, 19 because I maintain the oversight responsibility. 20 So they've become part of the family of utilities 21 that I have now oversight of. So I physically leave that location, maybe is a good way to put 22

1341 it. 1 2 But once they're integrated, they become part of the family of utilities that I have responsibility to oversee. CHAIRMAN KANE: And then you have ongoing oversight. THE WITNESS: Yes, ma'am. CHAIRMAN KANE: Let me ask you about the metrics that Commissioner Fort asked about. you have consistent metrics, but how do you handle 10 it if a utility is subject to different metrics in 11 its jurisdiction? For example, I'm assuming 12 perhaps one of your metrics, say for call centers, is how quickly the phone gets answered. THE WITNESS: Service level, yes. 15 16 CHAIRMAN KANE: You may have a different metric Exelon-wide than a commission, Maryland, D.C., Delaware, New Jersey has imposed on the 19 utility --20 THE WITNESS: Correct. 21 CHAIRMAN KANE: -- higher or lower. 22 THE WITNESS: Correct.

1342 CHAIRMAN KANE: To which standard do you 1 hold the utility? 3 THE WITNESS: Probably both. I mean, there's -- if there's a standard that's required in a local jurisdiction, then that company would be required to maintain and meet that standard. Many times we have an internal standard that's compared to maybe an external benchmark or a higher -- in some cases, a higher standard of excellence that we aspire to attain. Mr. O'Brien would have responsibility to make sure 11 that he agreed with that, and the utilities would 12 have to -- would have to measure themselves 13 against that standard. 15 CHAIRMAN KANE: I know we want to break for lunch, but I would turn to our old friends and 17 SAIDI and SAIFI and then best practices, just for 18 a couple of questions. 19 THE WITNESS: Sure. 20 CHAIRMAN KANE: You have said numerous times in answers to questions from the intervenors 21 22 that you moved the SAIDI -- the number because of

1343

- 1 a realization that, due to some court litigation,
- 2 perhaps, possible court litigation at that point,
- 3 that there could be a delay in the beginning of
- 4 the D.C. PLUG initiative.
- 5 And so I want to get just very clear on
- 6 what your understanding is or your expectation of
- 7 the impact of D.C. PLUG on achieving the SAIDI and
- 8 SAIFI numbers, the year-by-year SAIDI and SAIFI
- 9 numbers as promulgated by this Commission. Do you
- 10 know in what -- at what date, at what time the
- 11 Commission adopted those SAIDI and SAIFI
- 12 requirements that started in -- that go through
- 13 2020?
- 14 THE WITNESS: I don't off the top of my
- 15 head, no.
- 16 CHAIRMAN KANE: You don't. Would you
- 17 agree, subject to check, that it was in July of
- 18 2012, the final rulemaking, the date of the order?
- 19 THE WITNESS: Sure.
- 20 CHAIRMAN KANE: And would you agree,
- 21 subject to check, or your experience with
- 22 rulemaking and other decision-making in a

1344 commission, that there had been a several-year process before those -- with comments, discussions, et cetera -- before those rules became final, that that was the culmination? THE WITNESS: I'm sure, in a word, yes. 5 CHAIRMAN KANE: And then would you agree, subject to check, that the discussions that led to D.C. PLUG began with the derecho, following the 9 derecho in 2012? 10 THE WITNESS: Yes. 11 CHAIRMAN KANE: And that was in July and that the task force that the mayor set up was in 12 August of 2012, and that the actual legislation was passed in the fall and winter of 2013, and 15 that the plan was approved by the Commission in November of 2014? 16 17 THE WITNESS: Yes. 18 CHAIRMAN KANE: Those are dates -- so 19 would you not agree that the dates -- the 20 requirements, the specific year-by-year numbers 21 for SAIDI and SAIFI enacted by this Commission 22 were done before there was any serious thought of

1345 doing any significant undergrounding? 2 THE WITNESS: That sounds correct, yes. CHAIRMAN KANE: Would you then agree that 3 had there not been an undergrounding plan, undergrounding financing, undergrounding projects, that the Commission would have held the company, PEPCO -- required them to meet those standards? 8 THE WITNESS: I would assume so, yes. 9 CHAIRMAN KANE: And therefore, the schedule, the existence or anything having to 10 11 (sic) D.C. PLUG has really nothing do to with the company's obligation to meet those standards? 12 THE WITNESS: I understand that. 13 CHAIRMAN KANE: Okay. Thank you. 14 15 The other question I wanted to ask -would you turn again to Joint Applicants' Exhibit (D1) following your direct testimony. I 17 18 want to look at the first page. 19 THE WITNESS: I'm sorry. I'm still 20 getting used to the system there. 21 CHAIRMAN KANE: That's okay. 22 THE WITNESS: Thank you. I'm there.

1346 CHAIRMAN KANE: You'll see (D1) is three 1 pages, and each of the pages shows for one of the three component utilities in Exelon their SAIFI, their SAIDI and their CAIDI numbers for the years 2009 through 2013, correct? 6 THE WITNESS: Yes, that's correct. CHAIRMAN KANE: I'm going to talk about SAIDI and SAIFI, because we don't use CAIDI in --9 THE WITNESS: I understand. 10 CHAIRMAN KANE: -- our regulations. I want to look specifically at -- let's start with 11 Baltimore Gas and Electric. I want to look at 12 13 that because they are geographically climatologically more --15 THE WITNESS: Sure. 16 CHAIRMAN KANE: -- closer to D.C., or 17 similar to D.C., as well as in having large urban. 18 And would you agree -- all these numbers 19 are very faint -- but starting in 2009, for SAIFI 20 you've got 1.12. It goes -- actually it goes up 21 in 2010 to 1.29, then 1.23 in 2011. It starts to 22 go down again. 2012, goes down to 97. And in --

	134	17
1	excuse me, in 2013 goes down to 8787.	
2	THE WITNESS: Yes.	
3	CHAIRMAN KANE: And that's the	
4	frequencies.	
5	THE WITNESS: Yes.	
6	CHAIRMAN KANE: And again, for the	
7	record, the date that Exelon merger with or	
8	acquisition of BGE I believe you said was March or	
9	April of 2012?	
10	THE WITNESS: That's correct.	
11	CHAIRMAN KANE: And the full integration	
12	took 18 months to two years, so the full	
13	integration would extend beyond the years of this,	
14	probably till	
15	THE WITNESS: That's correct.	
16	CHAIRMAN KANE: I believe Mr. Butler said	
17	he became the CEO in March of 2014?	
18	THE WITNESS: That's correct.	
19	CHAIRMAN KANE: So the integration period	
20	extends beyond these	
21	THE WITNESS: Yes.	
22	CHAIRMAN KANE: Yeah.	

1348 1 THE WITNESS: Just to be clear --2 CHAIRMAN KANE: Yes. 3 THE WITNESS: -- I just want to make sure folks understand that you don't start getting the benefits from integration when it's completed. You gain those benefits very early in the process. CHAIRMAN KANE: Sure. 8 THE WITNESS: Thank you. 9 CHAIRMAN KANE: I want to refer you back to a statement you made yesterday, and I'll read 10 it to you from the transcript of -- from 11 yesterday's hearing. I'm looking at transcript --12 it would be page 1171, starting on page -- I'm starting on line 13. And you're being questioned. 15 Do you have that? 16 THE WITNESS: I do. 17 CHAIRMAN KANE: You're being questioned about the fact that PEPCO in 2014 had already met 19 the EQSS requirements for 2020, and for SAIDI 20 would already meet the 2016 requirement for 21 SAIDI -- I'm sorry. It says the 2018 for SAIDI. 22 Do you see that?

1349 1 THE WITNESS: Yes, I do. CHAIRMAN KANE: And then on -- you're 2 asked, So based on that excellent performance in 2014, why would the applicants, in my view, backtrack and revise the standard to make them more lenient than what is already being achieved? 7 And we've had that question asked a couple of times today, too. And I'm focusing on the question and I'm focusing on your answer. You said, In my experience and Mr. Gausman's 10 experience as operators, one year is not 11 necessarily indicative of sustained performance. 12 13 Do you see where you said that? THE WITNESS: Yes, I do. 14 15 CHAIRMAN KANE: Okay. And do you recall if you were in the room when Mr. Crane was 17 testifying; he said something very similar when 18 asked that same question about PEPCO's 19 performance. He said the 2014 performance was --20 I believe he said it was a data point, not a 21 trend. I could find that in the transcript. 22 THE WITNESS: I'm familiar with that,

		1350
1	yes.	
2	CHAIRMAN KANE: Okay. So then let me	
3	direct your attention back to BG&E	
4	THE WITNESS: Okay.	
5	CHAIRMAN KANE: and to this chart	
6	and this graph which shows it visually better for	
7	at least those of us who are more visual than	
8	THE WITNESS: I'm the same way.	
9	CHAIRMAN KANE: numbers.	
10	THE WITNESS: I'm the same way.	
11	CHAIRMAN KANE: Would you agree that	
12	starting in 2010 for SAIFI in 2010 for SAIFI	
13	for BG&E that the line goes down year after year?	
14	THE WITNESS: Yes.	
15	CHAIRMAN KANE: And down is better	
16	THE WITNESS: Yes.	
17	CHAIRMAN KANE: right? That means	
18	there is	
19	THE WITNESS: Yes, it is.	
20	CHAIRMAN KANE: less frequency.	
21	Then would you look at SAIDI for BG&E.	
22	And would you agree that, after going up from 2009	

		1351
1	to 2010, that the line year after year goes down?	
2	THE WITNESS: Yes.	
3	CHAIRMAN KANE: Now, is that a data point	
4	or is that a trend?	
5	THE WITNESS: I would say that's a trend.	
6	CHAIRMAN KANE: That's a trend.	
7	THE WITNESS: It's a multi-year trend.	
8	CHAIRMAN KANE: It's a multi-year trend.	
9	Now, I don't have the graph, but let me	
10	go over what PEPCO's numbers are using those same	
11	years, and I think these are in the record,	
12	PEPCO's actual and they're publicly known.	
13	For SAIFI, PEPCO, 2009, 1.06. 2010,	
14	1.21, went up, just the same as BG&E did. 2011,	
15	1.19. 2012, 1.01. 2013, .88. And 2014, .69.	
16	Now, if those numbers were laid out in a	
17	line graph the way they are here for BG&E, would	
18	you say that the 2014 number was a data point or a	
19	trend?	
20	THE WITNESS: I'd say it's a data point	
21	along a trend line.	
22	CHAIRMAN KANE: Along a trend line. And	

1352 the trend line is going in what direction? 2 THE WITNESS: In the positive direction from the standpoint of benefits to customers. CHAIRMAN KANE: Thank you. Let me now 4 look at SAIDI for PEPCO. 2009, 141. 2010, goes up to 186. 2011, 168. 2012, 155. And these are minutes. 2013, 124. 2014, 97. 8 If those numbers were put on a line graph, would it not be a very similar line graph to the one here for BG&E? 11 THE WITNESS: Yes, it would. CHAIRMAN KANE: It would. And it would 12 be a line graph showing the numbers of minutes of duration going down? 15 THE WITNESS: Yes, it would. 16 CHAIRMAN KANE: And that's a good thing. THE WITNESS: That's a good thing. 17 18 CHAIRMAN KANE: Is that 2014 number for 19 PEPCO a data point or a trend? 20 THE WITNESS: Again, I'd say it's a data point along a trend line. 21 22 CHAIRMAN KANE: Thank you. And my final

1353

- 1 question, again, goes to best practices. I want
- 2 to go to your rebuttal testimony on page 5. This
- 3 is the list -- let's go to it before I
- 4 characterize it.
- 5 And starting on line 1, you say, At this
- 6 time we have identified the following initial list
- 7 of best practices that we would expect to consider
- 8 for use in PEPCO's service territory following
- 9 approval of the merger.
- 10 And I recognize at the bottom of the page
- 11 you said, in answer to a prior question, that any
- 12 determination of whether you'd actually use these
- 13 would be subject to more examination.
- 14 THE WITNESS: That's correct.
- 15 CHAIRMAN KANE: Let me ask you about --
- 16 and then you said these were examples. For
- 17 example, moving to a spoke and hub chain model,
- 18 common mutual assistance, emergency preparedness
- 19 resources, alignment of preventive maintenance
- 20 programs and analytics -- this next one, greater
- 21 emphasis on recloser installation to sectionalize
- 22 the grid and limit disruption during feeder

1354 outages, use of temporary cables for underground residential distribution, service restoration, and daily system health. Now, daily system health is capitalized. 4 Is that a proprietary -- is that -- does that refer to a specific procedure? 7 THE WITNESS: I don't believe it refers to a specific procedure. There are a number of different things that we do with respect to daily system health. There is a daily system health 10 report, I believe, that comes out each day. 11 12 CHAIRMAN KANE: But this refers to --13 because it's capitalized -- a specific Exelon procedure? 14 THE WITNESS: Yes. I believe that's 15 16 true. Yes. 17 CHAIRMAN KANE: But greater emphasis on 18 recloser installation to sectionalize the grid. 19 Is that a proprietary Exelon process? 20 THE WITNESS: When you say proprietary --21 CHAIRMAN KANE: Well, let me back up. 22 These are things that you would expect to consider

1355

- 1 for use in PEPCO. And what I'm trying to
- 2 establish or find out is, how many of these are
- 3 special things that Exelon would bring to the
- 4 process as opposed to good practices anywhere in
- 5 the utility industry?
- 6 THE WITNESS: I think Mr. O'Brien spoke a
- 7 little bit about it yesterday around --
- 8 CHAIRMAN KANE: Yeah, but this is your
- 9 testimony.
- 10 THE WITNESS: No, I understand. And I
- 11 own it; you're absolutely right.
- 12 There are a number of things that are
- 13 engineered solutions that aren't necessarily new
- 14 or different or aren't being applied in any
- 15 utility. I think the uniqueness that comes along
- 16 with the Exelon program is you've got three large
- 17 utilities that all have -- which have major
- 18 suburban and urban portions of the service
- 19 territory with engineers that have learned quite a
- 20 bit about how to effectively deploy, saturate,
- 21 operate, install efficiencies in the way you do
- 22 that, things like reclosers.

1356

- 1 Now, we need to sit down with PHI and
- 2 discuss with them what their approach to that is
- 3 to better understand whether there's opportunity
- 4 in that area of the business or not. We believe
- 5 there is.
- 6 And I believe PHI has seen our approach
- 7 and believes that there's discussions worth having
- 8 in that area.
- 9 That same discussion would happen in
- 10 multiple areas across the business, whether it's
- 11 components, engineered designs, processes,
- 12 approach to work, how you measure the work, the
- 13 amount of single point accountability you have.
- 14 All of those things get applied as part of the
- 15 management model integration.
- 16 And those things I think are unique to
- 17 Exelon. I think our management model and the
- 18 structure we've created around that is unique to
- 19 the business.
- 20 CHAIRMAN KANE: But a spoke and hub
- 21 supply chain is a commonly used business, correct?
- 22 THE WITNESS: It is.

1357 CHAIRMAN KANE: And you said you have not 1 looked at what PEPCO is currently doing for 3 reclosers? THE WITNESS: We've looked in general at the execution plan, the amount of saturation over a period of time that they currently have in their plan. We would expect to look at what their installations costs are, what their methodologies are, how that flows through the work management processes. Essentially it's almost a lean six 10 sigma view of those parts of the business. 11 12 CHAIRMAN KANE: And so are you aware whether or not this Commission has already been 13 discussing with and having audits and other 15 oversight done of the amount of recloser 16 installation that PEPCO is doing? 17 THE WITNESS: I'm not aware of details 18 there, no. 19 CHAIRMAN KANE: Thank you. 20 Are any of these things things that a company could not go out and hire a consultant and 21 22 have them help them implement, aside from perhaps

1358 your daily health system -- system health which is a proprietary model? THE WITNESS: I've worked for Denis a 3 long time. You can hire a consultant to do I think we have the wherewithal within anything. the company, the horsepower within the Exelon Utilities, to do just about anything that a consultant could do for us in this area, and the implementation management controls in place to ensure that it gets applied and implemented at the 10 11 utility. 12 CHAIRMAN KANE: Are any of these things 13 something a company could not do on its own? Put 14 more reclosers --15 THE WITNESS: I suppose --16 CHAIRMAN KANE: -- in, use underground 17 cabling --18 THE WITNESS: I suppose they could. I 19 think it's a matter of whether they could do it as 20 effectively and efficiently. 21 CHAIRMAN KANE: That concludes my 22 questions.

1359 1 Commissioner Fort? 2 COMMISSIONER FORT: I have one as a follow-up to Chairman Kane's question. You said that the -- when you were looking at your Exhibit (D1) with the Chair and talking about BG&E, you made the comment that you get the benefits early in the process, the integration process. She was asking you where you were in 18 to 24 months. Do you recall that? 10 THE WITNESS: I do. I don't know that you get all the benefits, but certainly you'd 11 focus on those things that were going to provide 12 the most benefit on the front end of the integration. 14 15 COMMISSIONER FORT: So with that in mind, if we look at your BG&E chart to which, in your exchange with Ms. Francis from AOBA, you added another data point, which was your 2014 data 19 point, that made the trend line turn upwards; is 20 that correct? 21 THE WITNESS: I think I clarified that in my discussion. The measurement that she was 22

1360 referring to was to a different standard -calculation methodology than what was in my exhibit. COMMISSIONER FORT: And that's why I went back to the exhibit. You know, you said it was the COMAR; it was the Maryland standard. 7 THE WITNESS: Correct. COMMISSIONER FORT: Then you used 2.5 9 Beta. 10 THE WITNESS: That's correct --11 COMMISSIONER FORT: Got that. 12 THE WITNESS: -- ma'am. Yes. COMMISSIONER FORT: If you had done the 13 2014 number using your 2.5 Beta, where would it be on that chart? 15 THE WITNESS: I don't know. And that's 16 why I said I don't have that. I know that BGE had their best reliability performance ever last year. 19 So I know it's better than whatever 2013 was. 20 That I do know. The exact number I don't know off 21 the top of my head. 22 COMMISSIONER FORT: And if you were to do

1361 this whole chart in COMAR speak, you know, as opposed to 2.5 Beta speak, what would it look like? Would the trend line be the same and just would be --THE WITNESS: Yeah, I think it's just a shift of the curve down. The conversion from -there isn't a lot of difference in the conversion from 2.5 Beta to COMAR. I'd have to look at that. 9 COMMISSIONER FORT: Well, I'm interested in what that number is because --10 THE WITNESS: Unfortunately, I don't have 11 it off the top of my head. 12 COMMISSIONER FORT: Only one of us can do 13 this at the --15 THE WITNESS: I'm sorry. 16 COMMISSIONER FORT: -- same time. 17 I'm interested in what that is for two 18 reasons. One, you said that you get the benefits 19 earlier in the process. So that would show the 20 benefits from a 2012 acquisition somewhere in the 21 2013, 2014 time frame. So whether or not that 22 trend line goes up or down to me would be of

```
1362
    interest.
             So I don't know what is necessary to do
   to do that conversion, but would you add that to
   the list of the bench request?
             THE WITNESS: Certainly.
 5
             MR. DUVER: Yes, Your Honor. We will.
             CHAIRMAN KANE: I think that -- any
   redirect from the company?
             MR. DUVER: No, Your Honor.
 9
10
             CHAIRMAN KANE: Exhibits?
             MR. DUVER: Your Honor, at this time,
11
    joint applicants move in Joint Applicants' (D)
12
   with corresponding Exhibit (D1), (3D), the
    corresponding Exhibit (3D)-1, and (4D).
15
             CHAIRMAN KANE: They are moved in.
16
             (Joint Applicants' Exhibits (D), (D1),
17
    (3D), (3D)-1 and (4D) were received into
18
   evidence.)
19
             CHAIRMAN KANE: People's Counsel, do you
20
   have any exhibits with this witness?
21
             MR. EILBOTT: Your Honor, I believe I
   went out of order yesterday and had mine admitted.
22
```

1363 1 CHAIRMAN KANE: No? 2 MR. DUVER: No, I believe that we were looking at some overnight because we were talking about stipulating in. CHAIRMAN KANE: Yes. And you were going to move them after your questioning, and I asked that you wait until we get to this point that we're at now. So if you need some time to 9 remember what they were, I'll go to Ms. Francis. 10 MR. EILBOTT: Please. MS. FRANCIS: I'd like to move in AOBA's 11 Exhibits 34 through 43, inclusive. 12 CHAIRMAN KANE: They are moved in. 13 (AOBA Cross Exhibit Numbers 34 through 43 14 was received into evidence.) 15 16 MR. DUVER: Actually, Your Honor, may I be heard as to one of the exhibits that 17 18 Ms. Francis is moving in? It's Exhibit 42. 19 Exhibit 42 is a 46-page exhibit of the 20 Maryland transcript of the cross-examination of 21 Mr. Alden. And in her examination of Mr. Alden, 22 she focused in on three, I think, factual data

1364 points, and it was a total of, I believe, 20 lines of 46 pages. 3 Our position is that either -- if Ms. Francis would wish to extract from the 46 pages and simply offer up the approximately less than three pages in, we would have no objection to that. But we would to have the whole thing because a lot of is irrelevant. 9 CHAIRMAN KANE: Ms. Francis? 10 MS. FRANCIS: I have no problem doing that. Let me just take a look at my --11 12 CHAIRMAN KANE: You can do that during 13 the lunch break, identify those specific pages. MS. FRANCIS: Okay. That's no problem, 14 15 Your Honor. I can do that. CHAIRMAN KANE: People's Counsel? 16 17 MR. EILBOTT: Thank you for your indulgence, Your Honor. People's Counsel would 19 like to move admission of Cross-Examination 20 Exhibits OPC 22 through 33. 21 CHAIRMAN KANE: They are moved in. 22 Do you have an objection?

- 1 MR. DUVER: I have no objection. I just
- 2 wanted to offer one -- we had spoken aside, and I
- 3 believe Exhibit 24 and 25 are exhibits that are
- 4 not data requests sponsored by Mr. Alden, but one
- 5 is a two-page web shot from a Internet website.
- 6 And another is the June 2014 press release of the
- 7 merger.
- 8 And I had communicated to counsel that
- 9 Mr. Alden was not in any way involved in preparing
- 10 these. He couldn't really even authenticate them.
- 11 So I didn't want -- I wanted the record to reflect
- 12 that he is not sponsoring the content of either of
- 13 those.
- 14 CHAIRMAN KANE: Thank you. Secretary, is
- 15 there a concern?
- 16 OPC, secretary is going to follow up with
- 17 you on something off-line during the break.
- D.C. government?
- 19 MR. COYLE: Your Honor, at this time, I
- 20 would move for the admission of Exhibit DCG 40,
- 21 DCG 64, DCG 76 and 77.
- 22 CHAIRMAN KANE: They are admitted.

1366 1 MR. COYLE: Thank you. 2 (DCG Cross Exhibit Numbers 40, 64, 76 and 77 were received into evidence.) CHAIRMAN KANE: Ms. White, you didn't 4 have any exhibits. 6 MS. WHITE: CHAIRMAN KANE: Fine. We will now -it's 20 to 2:00 -- recess for a lunch break. We will come back at 3:00. 10 The parties have asked about some additional days for the hearing. It will be 11 discussed during -- for additional hearing days, 12 given the schedule. I will say to the parties April 9th and 10th are not available. And so we will probably have to be looking at the 20th and 21st of April due to the OPSI (phonetic) meeting and some other things, and a holiday, D.C. 18 holiday, on April 16th. 19 So if you could look at those alternate 20 dates. 21 MR. DUVER: And will that be the first 22 order of business when we come back, Your Honor,

```
1367
   to speak about schedule at 3:00?
 2
             CHAIRMAN KANE: At least -- yes, or at
 3 least before we leave for the weekend.
             MR. DUVER: Okay. Great.
 4
             (Whereupon, at 1:41 p.m., a lunch recess
 5
 6 was taken.)
 7
 8
 9
10
11
12
13
14
15
16
17
18
19
20
21
22
```

		1368
1	AFTERNOON SESSION	
2	(3:03 p.m.)	
3	CHAIRMAN KANE: All right. We are back	
4	on the record. It is 3:00 p.m.	
5	MS. FRANCIS: Your Honor, may I?	
6	CHAIRMAN KANE: Yes.	
7	MS. FRANCIS: I believe before the break	
8	we were talking about limiting AOBA's initially	
9	labeled Exhibit 80 as AOBA 42 to try to cut down	
10	the number of pages, which is no problem. We put	
11	in all those pages so it would be clear who was	
12	testifying and who was asking the questions.	
13	However, with the stipulation that the joint	
14	applicants have agreed to, I can limit it to a few	
15	pages.	
16	So I would like to, from Exhibit 42, put	
17	in the cover page, which would be page 1 of 42,	
18	then pages of the transcript 1659 through 1660,	
19	which are on pages 11 and 12 of 42. The next page	
20	is that I crossed on was 1684 of the	
21	transcript, which is on page 36 of 42. The last	
22	page that I crossed on was 1689, which is page 41	

- 1 of 42, with the stipulation that it is Mr. Mark
- 2 Alden who is answering the questions, that the
- 3 question on pages 11 and 12 of 42 was asked by
- 4 OPC -- excuse me -- was asked by MEA attorney
- 5 Mr. Hopkins, and the last two questions on
- 6 transcript pages 1684 and 1689 was asked by the
- 7 Office of People's Counsel attorney Bill Fields.
- 8 And with that stipulation, I will redo
- 9 the exhibit and put it in at the appropriate time.
- 10 CHAIRMAN KANE: Thank you.
- MS. FRANCIS: With that, I'm going to be
- 12 asked to be excused. Have a happy weekend,
- 13 everybody. Everybody, enjoy the holiday. And
- 14 Nicola Whiteman will fill in for me.
- MR. EILBOTT: Your Honor, could I address
- 16 one matter regarding admission of our exhibits for
- 17 Witness Alden?
- 18 CHAIRMAN KANE: Yes.
- 19 MR. EILBOTT: With the help of the
- 20 Commission secretary, I think I have gotten astray
- 21 on our numbering. I apologize for the confusion
- 22 before. We had premarked Exhibits 21 through 33.

1370 I had only actually identified during the cross our premarked 21. It had been identified as 18. I never did move it in since you told me to wait till we were done. So at this time, I would like to move in what had been identified -- had been marked as 18 -- as Number 18, and then for what we had premarked as OPC 22 through 33, those would be marked as 19 through 30. 10 CHAIRMAN KANE: Okay. Yes, thank you for working that out with our excellent secretary. 11 They are moved in. 12 (OPC Cross Exhibit Number 18 was received 13 into evidence.) 15 (OPC Cross Exhibit Numbers 19 through 30 were marked for identification and received into evidence.) 17 18 MR. COYLE: Thank you, Madam Chair. 19 too owe a debt of gratitude to the secretary for 20 pointing out to me that although I had moved 21 Exhibit DCG 40, I had failed to identify it for 22 the record. And with the Chair's indulgence, I'd

1371 like to do so now. That is the response --Exhibit DCG 40 is the joint applicants' response to data request OPC 18-25. CHAIRMAN KANE: So moved (sic). 4 All right. We also suggested during the lunch recess that the parties think about dates for the next additional days that may be needed in this hearing, recognizing that there's holidays and Maryland -- I believe there's hearings in Maryland also coming up. 10 11 MR. DUVER: The Maryland hearings are scheduled for the 15th and the 16th, Your Honor. 12 CHAIRMAN KANE: 15th and 16th of April? 13 MR. DUVER: And 17th. 14 CHAIRMAN KANE: And 17th. That takes 15 care of that week. Is the dates of April 20th and 21st --17 18 MR. LORENZO: They're acceptable to the 19 joint applicants. 20 CHAIRMAN KANE: Okay. Acceptable to the 21 joint applicants. People's Counsel? 22 MR. EILBOTT: Yes, Your Honor.

1372 CHAIRMAN KANE: AOBA, did you have a 1 chance to talk with Ms. Francis. MS. WHITEMAN: I did not, but I will 3 relay that information. CHAIRMAN KANE: 5 Thank you. MR. LORENZO: Ms. Francis told us, while we were waiting for the break, that that was acceptable to her, but I'd wait for confirmation. 9 CHAIRMAN KANE: Thank you. 10 D.C. government? 11 MR. COYLE: For the District government, we'll have to tell our witnesses that the meetings will continue until morale improves, but the dates are generally acceptable. Thank you. 15 MS. SPENCER: I spoke with Randy over lunch, and the 20th and the 22nd are fine for us. 16 17 CHAIRMAN KANE: 20th and 21st, yes. 18 MS. SPENCER: 20th and 21st, yes. 19 CHAIRMAN KANE: 20th and 21st. 20 MS. WHITE: Those are fine with 21 D.C. Water. 22 CHAIRMAN KANE: And assuming they're fine

- 1 with the attorneys, if there are any difficulties
- 2 with any witnesses, if you could let us -- being
- 3 available any of those dates, either of those two
- 4 dates, the witnesses that, you know, were at the
- 5 end of the list there who you had suggested we do
- 6 on the 9th, and probably the ones from the 8th and
- 7 the 9th at the rate we're going, please let us
- 8 know as soon as possible. Let Mr. Herskovitz know
- 9 as soon as possible if there needs to be any
- 10 rearrangement of the order of the witnesses in
- 11 order to accommodate that change. Okay?
- 12 Then -- I think we raised a question this
- 13 morning about Ms. Solomon, Julie Solomon.
- 14 MR. LORENZO: Yes, Your Honor. If the
- 15 Commission desires to -- the parties have waived
- 16 cross on Ms. Solomon, and the question is if the
- 17 Commission has any questions.
- 18 CHAIRMAN KANE: The Commission has no
- 19 questions for Ms. Solomon.
- 20 MR. LORENZO: So then I think we'll just
- 21 stipulate her testimony in. We can do that today
- 22 or we could do that on Monday. We'll do that on

1374 Monday. Let's get this over with. CHAIRMAN KANE: Okay. Call your next 2 witness. 3 MR. DUVER: Your Honor, the joint applicants call William Gausman to the stand. CHAIRMAN KANE: Who has been numerously times addressed already. 8 WHEREUPON, 9 WILLIAM GAUSMAN, 10 called as a witness, and after having been first sworn by the secretary, was examined and testified 11 12 as follows: 13 DIRECT EXAMINATION 14 BY MR. DUVER: Q Mr. Gausman, could you please state your 16 name as well as your title and the company you work for for the record. 18 A Yes. I'm William Gausman, senior vice 19 president, strategic initiatives, with PEPCO 20 Holdings. 21 Q And Mr. Gausman, did you cause to be 22 filed in this proceeding a filing of direct

1375 testimony labeled as Joint Applicants' (E)? 2 Yes, I did. And also did you cause to be filed supplemental direct testimony, your first supplemental direct testimony, with one exhibit, and that testimony was labeled Joint Applicants' (2E) with a corresponding Exhibit (2E)-1? 9 Α Yes, that's right. 10 And did you also file rebuttal testimony Q that was labeled Joint Applicants' (3E), also with 11 a corresponding Exhibit (3E)-1? 12 13 Yes, that's correct. And then, finally, on February 17th, 14 2015, did you file with the Commission Joint 16 Applicants' (4E), which doesn't have any 17 corresponding exhibits, and it's your Feb 17 18 supplemental direct? 19 Α Yes, I did. 20 MR. DUVER: And Your Honor, the testimony 21 that I'm referring to is testimony that was fully conformed and filed with the Commission on 22

- 1 March 25th, 2015. And with that, Mr. Gausman
- 2 is -- actually, one other point, Your Honor. In
- 3 one of the orders when additional process was
- 4 ordered in this proceeding, the Commission had
- 5 reserved the rights of the joint applicants, to
- 6 the extent necessary, to ask some brief rejoinder
- 7 that related to the answering testimony that the
- 8 various parties put in this proceeding to our
- 9 February 17th testimony. And with the
- 10 Commission's indulgence, we just have a couple of
- 11 questions that relate to that testimony that we
- 12 would like Mr. Gausman to address at this time.
- 13 BY MR. DUVER:
- 14 Q Mr. Gausman have you had an opportunity,
- 15 prior to today, to review the testimony that was
- 16 offered by OPC Witnesses (sic) Mara, DCG Witness
- 17 Chang, as well as AOBA Witness Oliver regarding
- 18 the joint applicants' revised reliability
- 19 commitment?
- 20 A Yes, I have.
- 21 Q And in particular, these witnesses have
- 22 testified that it is their opinion that the

- 1 company can meet the Commission's EQSS standards
- 2 without the merger. Do you have any comments that
- 3 you would like to make as to that opinion?
- 4 A Yes, I do. As we all know, the
- 5 Commission established EQSS standards a few years
- 6 ago, setting a very aggressive, forward-looking
- 7 set of reliability targets for PEPCO. As -- you
- 8 know, these targets have been discussed a lot.
- 9 They are clearly aggressive.
- 10 We have said from the very beginning that
- 11 our expectation -- PEPCO's expectation was that we
- 12 would be able to achieve the SAIFI targets
- 13 throughout the period of time. However, SAIDI was
- 14 and continues to be a concern for us going
- 15 forward.
- The amount of improvement year over year
- 17 is significant. I will say that we have done a
- 18 lot of good work to be able to achieve these at
- 19 this point, but going forward, as we have to
- 20 continue to improve them, they are -- they
- 21 continue to be challenging and of a concern.
- Now, when we look at the commitments

- 1 within the merger process here, clearly there's
- 2 two very distinctly different, you know, issues
- 3 before us. We absolutely -- you know, we, Exelon,
- 4 PEPCO -- there's no question that we understand
- 5 the obligation to achieve the EQSS. There's no --
- 6 that is a requirement that we will abide by.
- 7 But in addition to that, and separate
- 8 from that obligation to achieve the EQSS
- 9 standards, is a commitment to achieve another
- 10 level of reliability performance that has a
- 11 multi-part, you know, commitment with that, which
- 12 is the achieving over a three-year period the
- 13 average of SAIDI that is equivalent to the EQSS
- 14 standard, but actually a level of SAIFI that
- 15 exceeds or is better than the current EQSS
- 16 standard.
- 17 And with that comes a financial penalty
- 18 that is automatically -- or would be automatically
- 19 applied in the following rate case if we fail to
- 20 achieve that standard, the average of the
- 21 reliability performance.
- There's also a commitment that we would

- 1 be able to achieve that level of performance
- 2 within the existing reliability capital budgets
- 3 and O&M budgets.
- 4 Q Mr. Gausman, you're familiar with the
- 5 Commission's EQSS standards that you just
- 6 described, correct?
- 7 A Yes, I am.
- 8 Q Are you aware whether or not the
- 9 Commission's EQSS standards have incorporated into
- 10 them any type of a capital or O&M expenditure
- 11 limit?
- 12 A No, there's no commitment or no
- 13 limitation on the capital expenditure, and that's
- 14 why we have expressed -- from the beginning we've
- 15 identified that to be able to achieve the EQSS
- 16 SAIDI standard may very well require an increase
- 17 in expenditures, and that is a concern as we move
- 18 out further into the lower values of SAIDI.
- 19 Especially after you have achieved all
- 20 the improvements, like we've been achieving over
- 21 the last few years, that have a much bigger impact
- 22 on the overall system, SAIDI and SAIFI than work

- 1 that we're doing in the future that will actually
- 2 result in having smaller improvements of overall
- 3 system SAIDI for the dollars that we're spending.
- 4 Q And I'd like to just change a little bit
- 5 of focus. And -- do you recall Mr. Mara offering
- 6 testimony where he claims that the commitment to
- 7 not increase the capital and O&M budgets raises
- 8 questions as to how the applicants will determine
- 9 what, in fact, is a reliability project? Do you
- 10 recall that testimony?
- 11 A Yes, I do.
- 12 Q Do you have any comment to that?
- 13 A Yes. The topic of reliability budget has
- 14 been a topic over the last several rate cases and
- 15 through different proceedings. A tremendous
- 16 amount of information is available, and discussion
- 17 about what is reliability and what is not
- 18 reliability has occurred.
- 19 The Commission has issued orders that
- 20 clearly outlines a requirement for PEPCO to submit
- 21 annually in our consolidated report a very
- 22 detailed listing of the reliability expenditures.

1381 And, in fact, the consolidated report that we just filed a few days ago, I believe there's about 40 pages of budget project-related information dealing with the reliability work that is planned for this year. 6 So, you know, I don't see any confusion or difficulty in being able to identify the reliability work. And likewise, if there were any changes in that program, we would clearly and very easily be able to identify that, or any party 10 would be able to identify a change in reviewing 11 the consolidated report. 12 MR. DUVER: Your Honor, with that, 13 Mr. Gausman is available for cross-examination. 15 CHAIRMAN KANE: Thank you. 16 People's Counsel? 17 MR. EILBOTT: Thank you, Your Honor. 18 CROSS-EXAMINATION 19 BY MR. EILBOTT: 20 Good afternoon, Mr. Gausman. 21 Good afternoon. 22 Eli Eilbott on behalf of the People's

1382 Counsel. 2 Α Yes. I take it you are quite familiar with the EQSS. Α Yes. Including the fact that there are Q requirements for SAIDI and SAIFI, each of years 2013 through 2020. 9 Α That's correct. 10 And the EQSS do not allow the use of an Q averaging of reliability performance over multiple 11 years to demonstrate compliance, do they? 12 The EQSS standards that PEPCO complies 13 with are annual standards that we have to achieve, 15 and we report on them annually. And those standards do not allow use of a multi-year averaging to demonstrate compliance, do 18 they? 19 Α No, they do not. 20 Do you have before you the Joint 21 Applicants' Exhibit (4A)-2? And that would be the 22 list of merger commitments.

1383 Yes, I do. 1 2 Could you turn to page 2 of 17. Yes, I have it. Now, is my understanding correct that number 7 on page 2, what I'll refer to as commitment number 7, that is the reliability commitment of the joint applicants in this proceeding; is that right? This is the reliability commitment to achieve this level of SAIDI and SAIFI performance which is separate and distinct from the EQSS 11 requirement to achieve the annual requirements. 12 13 Right. So there is nothing in this item about achieving annual compliance. 15 This commitment is a reliability commitment that's in addition to the EOSS standards. And this is the -- achieving this level of three-year average of reliability 19 performance is what we are using as our basis to 20 determine if the financial penalty would be 21 triggered or not. 22 Thank you. So this commitment number 7

- 1 has nothing to do with compliance with the EQSS,
- 2 does it? It only is a commitment to meet the
- 3 three-year average that the joint applicants have
- 4 developed on their own; isn't that right?
- 5 A Not exactly. There's -- this is a
- 6 separate commitment, as I said, to be used to
- 7 measure if the financial penalty would be imposed
- 8 on us. And that penalty would be automatically
- 9 imposed if we failed to achieve either the SAIDI
- 10 or SAIFI performance.
- 11 But having said that, being able to
- 12 achieve this level of SAIFI performance -- you
- 13 know, achieving this level of performance that
- 14 we're committing to will allow us to actually
- 15 exceed the required annual levels that are
- 16 established under the EOSS.
- 17 Q Now, is it fair to say that the second
- 18 part of your answer, that this -- that if you
- 19 achieve the three-year average, that would allow
- 20 you to meet the EQSS, that is not part of the
- 21 commitment, is it? You're not committing to
- 22 meet -- in this commitment number 7, the

- 1 applicants are not committing with respect to any
- 2 EQSS standard for any year 2013 through '20; is
- 3 that right?
- 4 A We did not write that commitment into
- 5 this document because -- I guess I would say from
- 6 our standpoint it goes without saying, there's an
- 7 obligation for us to comply with any commission
- 8 board of standard. We don't -- do not believe
- 9 that we had to document that commitment when we
- 10 know and we support and Exelon fully supports that
- 11 we will achieve or strive to the best of our
- 12 ability to achieve any commitment that the
- 13 Commission establishes, or any directive that they
- 14 establish.
- 15 Q Well, there are a number of commitments
- 16 in this document that PEPCO is already subject to;
- 17 is that right?
- 18 A I believe there are, yes.
- 19 Q And yet, the applicants chose to include
- 20 that in this document and chose not to say
- 21 anything about the obligations complied with the
- 22 EQSS; is that correct?

- 1 A I mean, I would have to look at exactly
- 2 which ones you're talking about. I know that some
- 3 we included because we had heard concerns, we were
- 4 questioned by different parties if we're going to
- 5 continue these commitments. So a lot of this was
- 6 really responding to what we heard, what we felt
- 7 were the concerns of various parties.
- 8 Q Well, could you turn to page 4 of 17 of
- 9 this exhibit and look at commitment number 21.
- 10 A Yes.
- 11 Q Were you in the hearing room when
- 12 Mr. Rigby was being examined by OPC counsel?
- 13 A Yes, I was.
- 14 Q Do you recall there was a discussion
- 15 about this particular commitment?
- MR. EILBOTT: And it does appear at
- 17 page 616 of the transcript, Your Honor.
- 18 THE WITNESS: Yeah, I can't say that I
- 19 exactly remember the discussion. If there's a
- 20 particular point or a comment you would like me to
- 21 look at...
- 22 BY MR. EILBOTT:

1387 Well, I'm referencing this because 1 Mr. Rigby indicated that that reflected PEPCO's existing -- the commitment to meet their obligation to comply with the RAD program. MR. DUVER: Your Honor, because counsel 5 did identify page 616 of the transcript, to the extent that he's going to be asking Mr. Gausman to opine on something that Mr. Rigby testified to, which at the moment I'll say is beyond the scope of Mr. Gausman's testimony -- however, I would 10 like to have an opportunity to look at it. 11 12 CHAIRMAN KANE: Yeah. This is the transcript from which day? 13 14 MR. EILBOTT: Wednesday. CHAIRMAN KANE: From April 1st. 15 16 MR. EILBOTT: Correct, Your Honor. 17 CHAIRMAN KANE: April 1st transcript. 18 Page? 19 MR. EILBOTT: 616. 20 CHAIRMAN KANE: 616. Thank you. Let's 21 give everyone a moment to find that. 22 MR. EILBOTT: I think, for the sake of

- 1 completeness, Your Honor, the questioning begins
- 2 at the bottom of the previous page. It looks like
- 3 line 15 of page 615.
- 4 THE WITNESS: Yes, I have it.
- 5 BY MR. EILBOTT:
- 6 Q Okay. So you've read pages 615 and 616,
- 7 have a general understanding of what that
- 8 discussion was about?
- 9 A Yes.
- 10 Q So would you agree that Mr. Rigby
- 11 explained that the applicants included commitment
- 12 number 21 in Exhibit (4A)-2 because they wanted to
- 13 express their ongoing obligation to show
- 14 they're -- I'm sorry -- to show they're not
- 15 intending to change anything they know is
- 16 critically important to the community or to the
- 17 Commission? That would be at lines 5 to 7 of page
- 18 616.
- 19 A Yeah, I think this is very consistent
- 20 with what I just said, that there was -- clearly
- 21 concerns were raised or expressed and Exelon
- 22 wanted to make a very firm commitment and a

- 1 statement that they have no intention of changing
- 2 these -- or we even coming in and attempt to get a
- 3 change.
- 4 Q Well, I guess I'm trying to understand
- 5 why the joint applicants would feel the need to
- 6 provide certainty by articulating in (4A)-2 their
- 7 commitment to continue the RAD program, but not
- 8 feel the need to provide certainty by articulating
- 9 their commitment to meet the annual EQSS
- 10 requirements.
- 11 MR. DUVER: Objection, Your Honor. I
- 12 think this is beyond the scope of what Mr. Gausman
- 13 is testifying about.
- MR. EILBOTT: Well, Your Honor, he is the
- 15 witness on the reliability commitments. If he
- 16 doesn't know, that's his answer. But I think it's
- 17 within the scope of his testimony.
- 18 CHAIRMAN KANE: You may answer the
- 19 question.
- THE WITNESS: There are many commitments
- 21 that we have. I mean, it's our obligation to
- 22 maintain, you know, a safe electric system. We

- 1 don't write all that in. We have a very specific
- 2 recommendation here proposed for reliability that
- 3 goes above, we believe, what is currently our
- 4 obligation within the District of complying with
- 5 the EQSS.
- 6 We chose to include in here what is new,
- 7 what's different from the current requirements.
- 8 We did not include the current requirement to --
- 9 that is currently in place with the EQSS.
- 10 There are many other requirements within
- 11 the EQSS as well that are requirements. They are
- 12 well documented, they're -- we comply with them.
- 13 We didn't include all those either.
- So we really were trying to address both
- 15 what is different from the current requirements or
- 16 where we have heard questions or concerns raised
- 17 by different parties. And it's between those two
- 18 is what we use as the basis, I believe, to list
- 19 the requirements that we have included here.
- 20 BY MR. EILBOTT:
- 21 Q Okay. So I understand it, these --
- 22 commitment number 7 does not reflect the

1391 applicants' commitment with respect to achieving the EQSS targets. It's only with respect to achieving that three-year average; is that correct? We have stated very clearly that it is our obligation to achieve the EQSS standards. We will do that. In addition to that, we are -- we have this additional reliability commitment here that we're proposing, which is in addition to the current and complements the current obligations to 10 comply with the EQSS reliability standards. 11 Mr. Gausman, my question is very 12 straightforward, and I'm not trying to be 13 difficult, but I just want to know for my 15 understanding what the contours are of what is

21 independent of these sets of commitments, but is 22 there anything in this commitment that sets forth

actually being committed to in this proceeding

and I'm not talking about what PEPCO believes it

And there anything in that commitment --

with respect to reliability in number 7.

may be subject to or agree to comply with

16

17

18

19

1392 a commitment to meet the EQSS in this document? 2 MR. DUVER: Your Honor, I would just object. One, it's asked and answered. Two, the commitment speaks for itself. The commitment lays out in very plain language what the joint applicants are committing to. 7 MR. EILBOTT: Your Honor, I'm going to move on, but --9 CHAIRMAN KANE: Thank you. 10 MR. EILBOTT: -- I think my next question will explain exactly why I am being a bit 11 tenacious about this. 12 13 BY MR. EILBOTT: Could you turn to page 13 of your rebuttal testimony, please. And I'm looking at 16 lines 1 to 8 of page 13. 17 MR. DUVER: I don't believe the rebuttal 18 has 13 pages. 19 MR. EILBOTT: Yeah, it does. 20 MR. DUVER: I apologize. 21 THE WITNESS: It has 29 pages, I believe. 22 You want me to look at page 13?

1393 BY MR. EILBOTT: 2 Yes, please. Are you there? 3 Α Yes. Okay. So you're stating here that -- and I will quote -- it is relevant because it establishes --I'm sorry. Which line are you reading? Q I'm at line 2 of page 13. The question on line 1 is, Why is this point relevant in this proceeding? 10 11 Yes, I'm here. Α 12 Okay. And your answer is that, It is relevant because it establishes the joint applicants' commitment to achieve EQSS targets without increasing the reliability-related spending levels for 2015 to 2020, is a direct 16 benefit to customers in the District of Columbia. 18 Is that --19 Α Yes. 20 So you seem to be saying here that the 21 reliability commitment in this proceeding is to achieve EQSS -- not the three-year average -- the 22

- 1 EQSS without increasing reliability spending for
- 2 years 2015 to 2020.
- 3 A Well, as I said, the commitment that we
- 4 were just talking about for SAIFI, you know,
- 5 achieving the SAIFI performance that we're
- 6 committing to will be better than the current EQSS
- 7 SAIFI performance.
- 8 So if you achieve the higher level
- 9 performance, you will automatically achieve the
- 10 SAIFI EQSS. For SAIDI, our commitment is to
- 11 have -- is to meet the EQSS SAIDI requirements.
- 12 So those -- both of the requirements that
- 13 currently exist in the EQSS will be achieved, and
- 14 as I said, you know, our commitment is a
- 15 three-part commitment. It's to achieve very
- 16 specific reliability targets, it has a financial
- 17 penalty if we don't, and it holds the budget at
- 18 the current budgeted levels through 2020.
- 19 Q Could you look back on page --
- 20 Exhibit (4A)-2, commitment number 7. And I want
- 21 to ask you a couple of questions about table 1 at
- 22 the bottom of that page.

1395 I'm sorry. Which page? 1 2 This is page 2 of Exhibit (4A)-2. 3 Α Yes. And am I right that table 1 sets forth the aggregate capital and O&M spending levels that the applicants agree not to exceed as part of their reliability commitment? Yes. This is the reliability budget. If, for example, post-merger, PEPCO determines there is a need to exceed the spending level in years 2016 or 2017 beyond what is 11 depicted here, would that be considered 12 inconsistent with this reliability commitment? I'm sorry. Could you say that again, 14 15 please? If PEPCO made a decision post-merger that, for whatever reason, reasons beyond its 18 control or reasons within its control, there was a 19 need to spend for O&M or capital, 20 reliability-related capital, in excess of the 21 figures shown in table 1 for 2015 or 2016 or 2017, in any of those years or all of those years, and 22

- 1 went ahead and spent in excess of those numbers in
- 2 table 1, do you think that would be in any way
- 3 inconsistent with this commitment?
- 4 A No. I think the -- you know, again, when
- 5 we identified the reliability budgets, we
- 6 identified a couple reasons that, if they
- 7 occurred, we would want to come back to the
- 8 Commission and explain what -- the impact of those
- 9 changes.
- 10 For example, you know, we make reference
- 11 to major weather events. If we have -- a
- 12 hurricane comes through the city, we could spends
- 13 tens of millions of dollars in restoration. We're
- 14 going to spend that money to do that restoration.
- 15 But, you know, we don't think that, by spending
- 16 that money to perform that work, we should -- that
- 17 should expose us to the reliability penalty that
- 18 we're offering in this merger.
- 19 That's different than I think other
- 20 people have said, that if we need to spend money
- 21 to achieve the EQSS standard, we're going to do
- 22 that. You know, having a requirement or having a

- 1 limitation or a commitment to not exceed a budget
- 2 is not going to stop us from doing what's right.
- 3 We're going to spend the money to achieve the
- 4 reliability performance that we are obligated to
- 5 achieve.
- 6 If we spend more than what these values
- 7 are, we absolutely are going to come back; you
- 8 know, the Commission will expect us to have a very
- 9 detailed explanation as to what drove the
- 10 increased expenditures. And based on our
- 11 explanation, a decision will be made at that time
- 12 if that was an appropriate expenditure.
- 13 Q So when you say you absolutely would come
- 14 back, that would be to come back for cost recovery
- 15 of those excess spends; is that correct?
- 16 A During a rate case -- as well as all the
- 17 expenditures. I mean, this is a budget. We don't
- 18 get recovery of any of these dollars until we
- 19 request recovery of those dollars in a future rate
- 20 case.
- 21 Q And could you turn to your February 2015
- 22 supplemental direct testimony, please, at page 2.

1398 A Page 2? 1 2 Yeah, page 2 of your February 17, 2015 supplemental direct. COMMISSIONER FORT: So just out of 4 curiosity, is it a trick question? Because I don't have a page 2. I see some of us flipping to see if we have a page 2. So -- that's not the trick question. 9 MR. EILBOTT: Well, there is a page 3, but I think it was mismarked as -- there was a page 2, but it was mismarked as 3. If there's any 11 trick --12 13 COMMISSIONER FORT: We're still listening, and we're still trying to follow, but 15 okay. All right. 16 MR. EILBOTT: So are we. 17 BY MR. EILBOTT: 18 So what has been marked as page 3 by the 19 applicants --20 MR. EILBOTT: Thank you for the 21 clarification. 22 THE WITNESS: I apologize for that.

- 1 did not catch that.
- 2 BY MR. EILBOTT:
- 3 Q So, now this -- lines 2 through 7 of this
- 4 page is presenting the revised reliability
- 5 commitment; is that correct?
- 6 A I don't know what you mean by revised.
- 7 Q Well, I guess as compared to what you
- 8 were discussing in your rebuttal testimony, my
- 9 last few questions went to your December 2014
- 10 rebuttal testimony. In that rebuttal testimony,
- 11 you were describing the reliability commitment.
- 12 My understanding is the applicants' February 17th
- 13 testimony revised that commitment, and this
- 14 testimony now that I'm asking you about is to
- 15 discuss that revised reliability commitment. Do
- 16 you follow my question?
- 17 A Yes. This is the level of the
- 18 reliability budget that we're committing to comply
- 19 with, our current reliability commitment.
- 20 Q Okay. Thank you. And this is what ended
- 21 up in -- as commitment number 7 in Exhibit (4A)-2,
- 22 correct?

1400 1 Α Yes. 2 Now, consistent with what we discussed a moment ago, the commitment that's made here owe I'm referring to your word "commitment" on line 5, the reliability commitment -- this likewise is a commitment not to exceed these levels in table 1 on lines 6 through 7 only with respect to the SAIDI and SAIFI metrics included in that three-year average, correct? 10 I'm not asking what the effect of it would be, just what this is directed towards? 11 This is part of the commitment that is 12 attached to Mr. Crane's testimony. It -- it defines the capital and O&M reliability budget 15 data that we are committing to as well as the 16 corresponding additional reliability commitment that we're -- that we have made. 18 So is that a yes to my question? 19 Α I believe it is. 20 Thank you. Now, let's say it's now year 21 2018 -- better yet, 2019, and we are reviewing 22 2018 spending, and it turns out, if the merger has

- 1 been consummated, that PEPCO indeed did exceed
- 2 spending amounts listed in this table. How --
- 3 well, to what extent and how would PEPCO track the
- 4 spending to know whether it was spending to
- 5 achieve the three-year average SAIDI and SAIFI
- 6 numbers or it was spending to achieve the EQSS?
- 7 A The EQSS has a specific reliability
- 8 requirement each year. There is no budget
- 9 commitment associated with that EQSS standard.
- The budget commitment that we're
- 11 proposing here is one that -- in aggregate, we are
- 12 committing to not exceed the O&M and capital
- 13 budgets as I have defined here, and we are
- 14 committing to not exceed the three-year average of
- 15 the reliability numbers that we, you know, have in
- 16 the attachment to Mr. Crane's testimony.
- I think we explain that that will be
- 18 evaluated in 2021 when the -- we have the three
- 19 years of reliability performance as actual
- 20 performance.
- 21 Q But -- well, that's helpful, but how
- 22 would the company track the spending so that the

- 1 intervenors or the Commission will be able to
- 2 verify that, hypothetically, if the company
- 3 asserts, we have not violated our merger
- 4 commitment because that excess spending was to
- 5 meet the 2018 SAIFI/SAIDI numbers, that was not
- 6 spending to reach the three-year average because
- 7 we won't even know till 2021 whether we met the
- 8 three-year average -- then how will we be able to
- 9 follow the spending as tied to the purpose of the
- 10 spending?
- 11 A The purpose of the spending is for
- 12 reliability. It's -- there's two commitments.
- 13 There's two numbers that have to be tracked. One
- 14 is the total dollars spent and the other number is
- 15 what is the actual reliability that's achieved.
- 16 You know, as I have said before, in the
- 17 consolidated report, we provide a tremendous
- 18 amount of detail on what the budget is for each
- 19 reliability, as we have discussed on numerous
- 20 occasions in past cases. We track every
- 21 reliability program with a unique number. We
- 22 report on those individual activities. We can

- 1 clearly identify where we have spent the money.
- 2 And -- so it's -- you know, to me, the
- 3 commitment is really what is the reliability that
- 4 we achieved, what's the total dollars that were
- 5 spent, and are we achieving the EQSS standard and
- 6 are we achieving the reliability targets that we
- 7 are proposing as a part of this merger?
- 8 Q Thank you. Now, am I right that the
- 9 spending that PEPCO would engage in to meet this
- 10 three-year average that is set forth in commitment
- 11 number 7 would be spent for the purpose of
- 12 improving reliability in order to meet the
- 13 three-year average? Is that accurate?
- 14 A These are the reliability dollars. So
- 15 it's --
- 16 Q Right. Okay.
- 17 A -- the dollars spent to achieve improved
- 18 reliability.
- 19 Q And the money spent to achieve -- let me
- 20 be specific. The reliability dollars that the
- 21 company spends to achieve a .66 SAIFI in 2019 --
- 22 and I'm looking at your commitment number 7.

1404 1 Α Yes. 2 Are you with me? 3 So the money you spend to achieve a .66 is to improve reliability, so you hit that target. During that same year, trying to hit 2019, there is -- the Commission has a SAIFI of .92. presumably you will be spending money to meet that. Each effort put into improving reliability is going in both directions, and how -- or is going to improve reliability, which could have 10 either purpose: Achieving EQSS or achieving your 11 12 three-year average. 13 How could we ever -- we intervenors -ever be able to say you busted your spending cap 15 in commitment 7 if your response is, well, that 16 was to meet the EQSS; we've always told you we're going to spend whatever it takes to achieve the 18 EQSS? 19 I don't see any complication, because we have very clear standards in the EQSS. 20 We have 21 very clear standards within this commitment. And, 22 you know, we report the reliability every year.

- 1 We know exactly what the requirements are. Ou
- 2 know, the -- the dollars are -- you know, are for
- 3 what we feel is necessary to improve the overall
- 4 system reliability.
- 5 Q And even in the situation where PEPCO is
- 6 determined to have exceeded the spending cap and
- 7 demonstrates that that was for the three-year
- 8 average, so we have -- let's say -- let's assume
- 9 there was a demonstrated failure to comply with
- 10 commitment number 7. Okay. Are you with me --
- 11 A Yes.
- 12 Q -- in my hypothetical?
- 13 That would result in potentially a
- 14 penalty based on an ROE reduction in a future rate
- 15 case; is that correct?
- 16 A Yes.
- 17 Q So there is no commitment that under no
- 18 circumstances will PEPCO exceed the spend.
- 19 Instead, the commitment is, we'll try not to
- 20 exceed the spend, but if we do for the three-year
- 21 average, there will be this ROE penalty. Is that
- 22 the concept?

- 1 A I don't look at it as -- you know, as a
- 2 three-year average or a dollars for EQSS. I'm
- 3 trying to help explain what I'm trying to get
- 4 across. There is no current limitation or
- 5 commitment to not exceeding some budgeted level to
- 6 achieve the EQSS.
- 7 I mean, hypothetically, you know, which
- 8 we would never do, but, you know, we could spend
- 9 whatever. I mean, we could go out and spend huge
- 10 amounts of money on activities that produced very
- 11 little reliability improvement and argue that,
- 12 well, it's in the nature of reliability and we
- 13 could do that.
- 14 This commitment is adding something that
- 15 doesn't exist, again, partly because of several
- 16 years of questions and concerns that had been
- 17 raised as to, you know, you're increasing your
- 18 reliability budget; you know, why are you doing
- 19 that?
- We're trying to show that we are going to
- 21 have a reliability capital expenditure that's
- 22 going to achieve very clear and specific

- 1 reliability targets. Anything above that is going
- 2 to take a much higher level of explanation and
- 3 reporting to this Commission to be able to justify
- 4 recovery of those expenses.
- 5 It's a commitment that, as I said, I
- 6 think is trying to be responsive to concerns that
- 7 we had heard expressed about trying to limit or
- 8 cap the reliability -- the total expenditures that
- 9 we're expending and have been expending over the
- 10 last few years.
- This is done. Do we know how we're going
- 12 to do everything in '18 and '19? Absolutely not.
- 13 That's what working together -- that's why we
- 14 need -- we need help to be able to identify new
- 15 techniques, new benefits that can be brought to
- 16 the company, better purchasing leverage to reduce
- 17 the cost. All those things combined is what's
- 18 going to allow us to commit to and achieve.
- 19 There's nobody at PEPCO or at Exelon that
- 20 expects anything other than to achieve all these
- 21 commitments. That is -- that's -- there's
- 22 absolutely no question that is the goal and the

- 1 intent.
- 2 Q That's a very helpful clarification. I
- 3 really appreciate that. So -- see if I have this
- 4 right now. The penalty for not meeting commitment
- 5 number 7 is not -- the ROE penalty is not
- 6 triggered if you meet that three-year average
- 7 completely independent of the spending levels.
- 8 You could have double the spending of what's
- 9 listed in table 1; if you hit the three-year
- 10 average, your view is that ROE penalty is not
- 11 triggered. Is that correct?
- 12 A The financial penalty, the 50 basis point
- 13 penalty, is associated with achieving the
- 14 reliability performance. In addition to that, the
- 15 commitment is to not exceed the budget as we have
- 16 shown this.
- 17 And all I'm saying is that if we achieve
- 18 the target reliability, the three-year average
- 19 that you're talking about, and it's at a cost that
- 20 is significantly different than this budget, we
- 21 fully know that there's going to be a long
- 22 discussion as to what that money was spent on.

- 1 And unless we can point to that it is because we
- 2 had, you know, two hurricanes on the system or
- 3 there was some major, you know, catastrophic
- 4 failure that occurred at a substation and we had
- 5 to replace huge amounts of equipment, you know,
- 6 that's -- we will -- we understand that we have to
- 7 commit to -- or we are committing to explaining if
- 8 we exceed these budgeted levels.
- 9 Q I think that was a yes to my question.
- 10 A I think my answer stands for itself.
- 11 Q So given that, as I read your testimony,
- 12 PEPCO is going to do whatever it takes to meet the
- 13 EQSS and achieve continued improvement and
- 14 reliability -- well, do you agree with that, that
- 15 that is what PEPCO will do?
- 16 A We will strive the achieve that EQSS
- 17 standard, yes.
- 18 CHAIRMAN KANE: I think that has been
- 19 asked and answered.
- 20 BY MR. EILBOTT:
- 21 Q And given that, which is more likely to
- 22 occur in terms of your commitment number 7, to

1410 exceed the spending or to not hit the three-year average? Our goal is to do both. I'm sorry. Say that again. Well, which is more likely to occur, that you would exceed the spending limits in table 1 of commitment 7 or you wouldn't hit the three-year average? What's likely to occur is that we will hit the three-year average and hit the budget 11 levels. 12 Q And could you turn to page 1 of Exhibit (4A)-2? And I want to just ask a question or two about Exhibit -- commitment numbers 1 15 through 5 on page 1. 16 Α Yes. Q And is that correct that what is listed under the heading "merger impact on rates" are the 19 five commitments the applicants are making with 20 respect to protection of ratepayers from rate 21 impacts of the merger? 22 MR. DUVER: Your Honor, I would only

1411 object this is beyond the scope of anything that Mr. Gausman is testifying to in this proceeding. 3 MR. EILBOTT: Your Honor, the reliability commitment has everything to do with not exceeding spending levels. And spending levels -- the witness has just explained that the company would absolutely be coming in with a rate filing if they have to exceed spending. So I'm just trying to find out whether there's anything -- any of these commitments regarding rate impacts have to do with 10 exceeding spending to meet reliability. 11 12 MR. DUVER: Your Honor --13 CHAIRMAN KANE: Is your question whether items number 1 through 5 have anything to do with 15 reliability? 16 MR. EILBOTT: Yeah, I mean -- exactly. 17 CHAIRMAN KANE: Is that your question? 18 MR. EILBOTT: Yes. 19 CHAIRMAN KANE: You may ask that 20 question. 21 BY MR. EILBOTT: 22 Do you have the question in mind?

1412 I mean, I'm not the one to ask, but 1 looking at it, I do not believe that these particular items deal -- or address the reliability expenditures. And there's nothing in number 1, commitment number 1 --CHAIRMAN KANE: He already answered about all five. MR. EILBOTT: Well, I was just going to 9 ask a slightly different question, Your Honor. 10 11 CHAIRMAN KANE: All right. BY MR. EILBOTT: 12 Am I right that there's nothing in 13 commitment number 1 about pledging not to seek 15 recovery and rates of spending in excess of levels in commitment number 7? 17 Α This is the commitment that --18 MR. DUVER: Your Honor, I'm going to 19 object that this is beyond the scope. He already 20 said that the reliability commitment isn't in 1, 21 2, 3, 4 and 5, and I don't think it's necessary to 22 go through each one to confirm that the words

1413 aren't in there. MR. EILBOTT: This goes to the spending -- the spending limits in number 7. And it wasn't apparent to me until today that commitment number 7 has no commitment with respect to spending. So I'm --7 CHAIRMAN KANE: Well, that is a conclusion. 9 MR. EILBOTT: -- trying to understand if 10 it's in number 1. So I'm curious. 11 CHAIRMAN KANE: That's argument. The 12 witness has said that items number 1 to 5 have nothing to do with reliability. So we can move on. And his area is reliability. 15 MR. EILBOTT: Thank you, Your Honor. 16 BY MR. EILBOTT: 17 0 Could you turn to your direct testimony, 18 please, page 3. A I'm there. 19 20 At lines 4 to 5 of page 3, you say, PEPCO 21 is committed to delivering safe and reliable 22 service to all of its customers.

			1414
1		Do you see that?	
2	А	Yes.	
3	Q	Will that commitment change in any way if	
4	the merger is not approved?		
5	А	No.	
6	Q	And in your view, is Exelon today more	
7	committe	ed than PEPCO might be in delivering safe	
8	and reliable service to its customers?		
9	А	I think all utilities are committed to	
10	delivering safe, reliable service.		
11	Q	Can you turn to page 7 of your direct	
12	testimony beginning at line 10 of page 7? Are you		
13	there?		
14	А	Yes.	
15	Q	And here, the question is asked whether	
16		-	
	you believe PEPCO will meet the EQSS reliability		
17	requirements if the proposed merger is approved.		
18	Do you see that?		
19	А	Yes.	
20	Q	My question is whether PEPCO will meet	
21	the EQSS	if the merger is not approved.	
22	А	I think we've been clear that PEPCO on a	

1415 stand-alone basis has concerns about being able to achieve the SAIDI performance in the last couple of years. There's no question. We will -- we are going to strive to achieve that. We just don't know if we can achieve it without an increased level of expenditures. Do you believe that without Exelon -without having the merger consummated with Exelon, PEPCO will not be able to achieve the EQSS --10 MR. DUVER: Objection. Asked and answered. 11 BY MR. EILBOTT: 12 -- without increasing expenditures? 13 CHAIRMAN KANE: That question has been 14 asked and answered numerous times. 16 MR. EILBOTT: Okay. BY MR. EILBOTT: 18 Q On page 8 of the same testimony, you 19 state that you've had discussions with Mr. Alden 20 and members of Exelon's integration team about 21 D.C. PLUG. Do you see that?

22

A Yes.

1416 And you state here that Exelon is 1 committed to moving forward with the -- with that project and completing that project. A Yes. Is PEPCO any less committed to moving forward with and completing that project than Exelon is? 8 Α No. Now, would you agree that PEPCO was subject to criticism in the general time frame of 10 2008 and '9 and '10 about reliability performance? 11 12 I would agree with that. 13 And would you agree that an attempt to improve reliability performance at PEPCO dominated your and your team's focus in response to that criticism? 16 It still does. 17 Α 18 And would you agree that PEPCO's 19 reliability performance has improved over the last 20 several years? 21 Α Yes, it has. 22 And, in fact, you say as much in your

1417 rebuttal testimony at page 11, don't you? 2 I believe I do. And has -- do you know whether PEPCO has achieved the EQSS SAIDI and SAIFI for 2012? Α Yes. Q And for 2013? Α Yes. And for 2014? 9 Α Yes. 10 And the SAIDI and SAIFI levels have Q generally ratcheted down about 9 percent per year? 11 12 I don't know the exact percentage, but they have been getting better each year. During his examination on Wednesday, 14 Mr. Rigby acknowledged a statement in PHI's 2013 15 annual report, and I would direct you to page 587 of the transcript, lines 15 to 22. 17 18 Α I'm sorry. Which lines? 19 15 to 22 capture the question being asked 20 about the annual report. And you see that the 21 question referenced the annual -- a statement in the annual report that, quote, in 2013, PHI 22

1418 utilities achieved one of our best reliability performances ever. 3 Do you see that? A Yes. And do you see that Mr. Rigby agreed with that statement? A Yes. And I take it you agree with that statement as well? 10 Α Yes. And PEPCO's reliability performance in 11 2014 was even better than the best year ever of 2013 at that time, right? 2014 was better, and we have more to go, 14 all the ways out through 2020. And I assume it's fair to say Exelon has played no role in that reliability performance 18 improvement during those years? 19 Α Not in the past. 20 MR. EILBOTT: Your Honor, I'd like to 21 mark at this time a document that has been pre -to identify at this time a document that has been 22

1419 premarked as OPC Cross-Exam Exhibit 59. This, I believe, would be our Exhibit 31 for the hearing. 3 CHAIRMAN KANE: Is that correct, Madam Secretary? THE SECRETARY: Yes, ma'am. 5 CHAIRMAN KANE: Thank you. So marked. (OPC Cross Exhibit Number 31 was marked for identification.) 9 MR. EILBOTT: And Your Honor, this is an excerpt of Mr. Gausman's rebuttal testimony in 10 11 formal case 1087 before this Commission. 12 COMMISSIONER FORT: I'm sorry. You said 13 it was 59? Exhibit 59? MR. EILBOTT: Yes, Your Honor. 14 15 COMMISSIONER FORT: And how did you 16 describe it? 17 MR. EILBOTT: This is an excerpt of Mr. Gausman's testimony in FC 1087. Page 1 of the 19 exhibit shows the January 2012 date, Your Honor. 20 CHAIRMAN KANE: Go ahead. 21 BY MR. EILBOTT: 22 Q Do you have that in front of you,

1420 Mr. Gausman? 2 Α Yes, I do. Q Thank you. Starting on page 14, which would be page 3 of this exhibit, do you see there's a question asking you to summarize your views on the EQSS and PEPCO's compliance with EQSS? Do you see that? 8 Α Yes. Could you just take a moment to read your answer that carries over to the top of the next 10 11 page? 12 Α Yes. 13 And I'd like to draw your attention in particular to lines 3 and -- 3 to 7 of page 4 of 4 15 of this exhibit. At the bottom of the page you'll see it's page 15 from the original pagination. 17 Are you with me? 18 Α Yes, I have it. So there it says -- I could just quote 19 20 that one sentence -- The company, meaning PEPCO --21 The company has in place a reliability plan 22 designed to allow it to provide continuous

1421 improvement and, just as it has demonstrated in the past, to comply with Commission-approved SAIFI and SAIDI targets. Did I read that accurately? Yes, you did. And what is that reliability plan you Q were referring to in this testimony three years 8 ago? That's the reliability work that we have been implementing since that time. It's what we've been referring to as our REP or reliability 11 enhancement plan. 12 And what was the time horizon on that 13 plan, if you recall, in terms of reliability goals, targets that were set out in that plan? We had structured as a -- I believe it started in late 2010, and we had framed it as a 18 five-year reliability enhancement plan. 19 So that would take us -- take it into 20 2017 or 20 -- what year would that --21 Α 2010 I believe is when it started, so 22 2015.

1422 So the -- would you say a lot or a large 1 extent of the improvement in reliability that we've been discussing in terms of hitting the SAIDI/SAIFI targets in 2012 and '13 and '14 are due to implementation of that reliability plan? I think the reliability improvement Yes. plan that we implemented -- it has and it is producing very good results. 9 Q Thank you. 10 MR. EILBOTT: Give me just one moment, Your Honor. 11 BY MR. EILBOTT: 12 13 Were you in the room earlier today when Mr. Alden characterized PEPCO's reliability 15 performance over the last couple of years? 16 Yes, I was. 17 Q And did you hear that he described it, I believe as -- or perhaps he was agreeing with a 19 question from the bench -- that it was a positive 20 trend line in terms of improving reliability? 21 Α Yes. 22 So you would agree with that?

- 1 A Yes, I do.
- 3 positive trend line would discontinue if the
- 4 merger is not approved?
- 5 A It's not a case of, you know, if the
- 6 merger is approved or not. Continuous improvement
- 7 in reliability is very difficult. You know, for
- 8 example, I think Mr. Alden mentioned the fact, you
- 9 know, if you look at just the first two months of
- 10 this year, our SAIDI more than doubled. It was,
- 11 you know, a 23-minute increase, I believe, in the
- 12 first two months of this year compared to the
- 13 first two months of last year because of one
- 14 event.
- 15 So that's the variability in activities
- 16 that occur that we just have to continuously
- 17 strive to be able to implement new techniques, new
- 18 policies. This isn't just an equipment
- 19 installation program. It's how you can gain all
- 20 the benefits operationally as well as, you know,
- 21 how you manage the information, how you manage the
- 22 response to these events that we need to continue

- 1 to work on and continue to improve.
- 2 Q So I think I hear you saying nothing --
- 3 there's no certainty as to whether PEPCO will
- 4 achieve the out years -- the EQSS in the
- 5 out years, but --
- 6 A I cannot guarantee that we will achieve
- 7 them. We will do everything that is reasonable to
- 8 attempt to achieve it, as we have been doing.
- 9 We're going to continue to do what we can to
- 10 continue the improvement trends that we have
- 11 started to develop.
- 12 Q Are you aware of any documentation from
- 13 Exelon that shows PEPCO is more likely to hit EQSS
- 14 if the merger is consummated than if the merger is
- 15 not consummated?
- 16 A We didn't do that type of analysis. We
- 17 looked at what our historical performance has
- 18 been. We looked at how much of an improvement we
- 19 could -- Exelon thought they could get by
- 20 implementing their best practices and management
- 21 model and things that they have learned in the
- 22 other operating companies.

- I mean, that's the real advantage, to be
- 2 able to have access to -- you know, we're three
- 3 companies today that we've leveraged to get to the
- 4 point that we're at, and going forward, we're
- 5 going to be six companies -- to be able to
- 6 leverage tremendous amount of knowledge that will
- 7 help us to continue to move forward.
- 8 Q Thank you. There has been some
- 9 discussion in the case about the potential for
- 10 PEPCO to seek a re-evaluation of the EQSS. Are
- 11 you aware of that issue?
- 12 A In the order established in the EQSS,
- 13 what I believe -- in recognition of some of the
- 14 concerns that we raised of trying to set standards
- 15 that were, at that time, you know, eight years
- 16 out -- there's a lot of unknowns -- the Commission
- 17 identified that after, I believe, June of this
- 18 year, if we felt it was necessary, we could come
- 19 back in and request a re-evaluation of the
- 20 currently approved EQSS standards.
- 21 Q Right. And the deadline is June 30th,
- 22 2015? Is that what you said?

1426 I believe the first that we can request a reconsideration would be June. It's not a deadline; it's the earliest that we could make that request. And has PEPCO ruled out the possibility of seeking re-evaluation? Α We have not made a decision either way if we were -- are going to ask for reconsideration. Okay. So if I looked in Exhibit (4A)-2, among the 91 commitments, I would not find one that says the applicants will not seek 11 re-evaluation of the EOSS? 12 13 Α No. And can you say why that was not 15 included? I can't -- I can't comment on that. I don't know why that was not there. 18 And just shifting gears, do your 19 responsibilities in the reliability area extend 20 into PEPCO's Maryland service territory? 21 Α Yes, they do. 22 Earlier today, BG&E's CEO stated that

1427 Maryland has no SAIDI or SAIFI requirements. I was just scrambling through my notes. Is that correct? Partially. There are standards through There are only proposed standards '16 through '19 or '20. So there are no standards after this year. No approved standard. And is -- I believe it's RM43 in Q. Maryland, is that a vegetation management program? 10 Α RM43 -- rulemaking 43 was the proceeding that established -- established various 11 requirements that dealt with reliability 12 performance as well as vegetation management clearance requirements. 15 Q Thank you. 16 MR. EILBOTT: Your Honor, I have no 17 further questions. 18 Thank you, Mr. Gausman. 19 CHAIRMAN KANE: Thank you. 20 Ms. Whiteman? No questions? 21 Yes, that -- Ms. Francis will be asking 22 those questions of this witness on Monday.

		1428	
1	So we will move to D.C. government.		
2	MR. COYLE: Thank you, Madam Chair.		
3	CROSS-EXAMINATION		
4	BY MR. COYLE:		
5	Q Good afternoon, Mr. Gausman. My name is		
6	John Coyle. I will be asking you some questions		
7	this afternoon on behalf of the D.C. government.		
8	A Good afternoon.		
9	Q Would you take a look at your direct		
10	testimony, page 7, lines 10 through 16. Just read		
11	that quietly to yourself and let me know when		
12	you're done.		
13	A I'm sorry. Page 7, 10 through 16?		
14	Q That's correct.		
15	A Yes.		
16	Q Now, am I understanding you correctly to		
17	say there that you are confident well, I guess		
18	here's the right way to ask the question. Who are		
19	you referring to by the pronoun "we" in the		
20	phrase, We are confident that we will continue to		
21	meet our current and proposed reliability		
22	commitments following the merger?		

1429 That is being -- PEPCO, basically. 1 2 Okay. That's the way I read it too. I just wanted to make sure. Okay. Now, if I could ask you next to 4 turn to what's been marked for identification as Exhibit DCG 41, which is the joint applicants' response to data request OPC 18-20. 8 Α I have that. Would you read that to yourself, and then I have a couple of questions about that for you. 10 11 Α Yes. 12 You are the sponsor of that response, 0 13 correct? Yes, I am. 14 15 Q Okay. And --16 COMMISSIONER FORT: Could you wait a 17 minute? I think you were getting ready to have it 18 marked, right, by the secretary? 19 MR. COYLE: Sure. Why of course I was. 20 COMMISSIONER FORT: Oh. Are you waiting 21 for the Chair to come back or the secretary? 22 CHAIRMAN KANE: The number is?

		1430		
1	MR. COYLE: DCG 41.			
2	CHAIRMAN KANE: 41. Okay.			
3	MR. COYLE: It's been marked for			
4	identification as DCG			
5	CHAIRMAN KANE: As DCG 41.			
6	MR. COYLE: 41, and it is the joint			
7	applicants' response to OPC data request 18-20.			
8	CHAIRMAN KANE: We have it.			
9	MR. COYLE: Thank you.			
10	BY MR. COYLE:			
11	Q Mr. Gausman, that question the			
12	question in the data request focuses on a piece of			
13	Mr. Alden's rebuttal testimony which says, quote,			
14	however, given our analysis of PEPCO's projected			
15	performance, existing budget levels and the			
16	Commission's standards, it is clear that to meet			
17	those standards, it will require additional			
18	capital and O&M spending beyond that included in			
19	PEPCO's consolidated report.			
20	Do you see that?			
21	A Yes.			
22	Q Okay. But when you filed your direct			

- 1 testimony, PEPCO was confident that it could
- 2 continue to meet its existing and proposed
- 3 reliability commitments. I'm wondering what the
- 4 disconnect is. Or am I not comparing apples and
- 5 apples here?
- 6 A The -- as I've said, you know, it is our
- 7 intent to achieve the EQSS standards for each
- 8 year. The current provisions as PEPCO, there's no
- 9 cap or limitation on the commitment to the amount
- 10 of dollars that that would spend -- that we could
- 11 possibly spend to achieve that commitment.
- 12 Q Well, fair enough, I guess. Maybe where
- 13 I'm getting confused, Mr. Gausman, is in your
- 14 direct testimony, you say, We -- meaning PEPCO --
- 15 are confident that we will continue to meet our
- 16 current and proposed reliability commitments
- 17 following the merger.
- 18 It doesn't say it's contingent on if we
- 19 have to raise our budget.
- 20 A There's no requirement -- or no
- 21 discussion in the EQSS standard relative to
- 22 budget. So that commitment is strictly

1432 referencing the current EQSS standards as they are written, which are a very specific SAIDI/SAIFI requirement. Would you agree with me, Mr. Gausman, that you did not put any caveat about budgets in that portion of your direct testimony we're looking at? 7 Α Yes. 9 Q Thank you. 10 MR. DUVER: Your Honor -- I'll wait and hold my objection until the time that these are 11 coming in. 12 BY MR. COYLE: 13 Now, sticking with the same data request, 14 Mr. Gausman, Exhibit DCG 41, you were asked in subpart A to explain and quantify the extent to 16 which PEPCO's O&M budget would need to increase in order to meet the Commission's reliability 19 standards. Do you see that? 20 Α Yes. 21 And the response, I take it, is, The 22 requested analysis has not been performed as PEPCO

1433 does not perform -- does not prepare forward-looking O&M budgets. Right? Yes. Our O&M budget is prepared each Α year. We re-evaluate it each year to make a determination what the appropriate level would be for the following year. Okay. Let me ask you, if I could, Mr. Gausman, to take a look at Exhibit (4A)-2, which is the joint applicants' merger commitments. 10 In particular, I'd like you to look at page 2, 11 item 7. 12 I'm sorry. Which page? It's page 2 of Exhibit (4A)-2. 13 Q 14 I'm there. 15 Q And we're looking at item 7. 16 Α Yes. 17 Q Item 7 is the reliability commitment to 18 which much of your testimony is directed, correct? 19 Α That's correct. 20 All right. And if you scroll down to 21 table 1 -- and I realize it's a little tough to

read, but it's probably the easiest place to find

1434 it -- you see a line in table 1 that says, PEPCO O&M reliability budget, 2014 through 2020, D.C. and Maryland, right? Α Yes. Is that -- should that not be Okav. understood to be a forward-looking O&M budget? Α We put this in, I believe, in my rebuttal in response to numerous questions as to what the commitment is for the budget. So we had -- have always had a five-year plan for the capital. 10 we identified the O&M component that we are 11 committing to include within this commitment 12 13 number 7. As you can see, even for the capital, we 14 15 currently do not have a 2020 budget. But just so 16 that there's a complete record of the O&M and 17 capital for this entire period, we escalated the 18 2019 budget by 3 percent, which is the same 19 process that we did for the O&M line item where we 20 identified the current 2015 budget and then 21 escalated it 3 percent per year for each year in 22 the commitment.

- 1 Q As I look at this -- let me ask you -- I
- 2 realize there's something else I didn't understand
- 3 about this. The O&M reliability budget is for
- 4 D.C. and Maryland combined, correct? So that
- 5 would include PEPCO's service area in Montgomery
- 6 and Prince George's County?
- 7 A It is, except for -- we did break out the
- 8 forestry or the vegetation management that is for
- 9 the District. Vegetation management is one of the
- 10 limited O&M activities that we actually budget
- 11 individually for each jurisdiction.
- 12 Q So I'm still a little puzzled about how
- 13 to read this. And bear with me. Is there some
- 14 adjustment that one needs to make in order to
- 15 understand the extent of the commitment with
- 16 respect to O&M budgeting, or are you committing to
- 17 spend the entire PEPCO D.C. and Maryland O&M
- 18 budget in D.C. in order to meet this commitment or
- 19 what exactly -- how should I interpret this?
- 20 A Yeah. I think we answer that in several
- 21 data requests where we -- you know, we identified
- 22 that this -- the O&M line is a PEPCO total. The

- 1 budget would be determined based on the same
- 2 allocation percentages that we use when we
- 3 allocate the actual cost in a rate proceeding.
- 4 So there's a well-established process
- 5 where these types of O&M costs are evaluated and
- 6 then allocated for recovery in a rate case. And
- 7 that exact same process that's used to allocate
- 8 the actuals would be used to allocate the
- 9 budgeted. And the commitment is that only that
- 10 allocated portion of the O&M dollars that are
- 11 assigned to the District of Columbia is what would
- 12 be compared to the actuals, you know, for the
- 13 District of Columbia.
- 14 Q So would you need to take a look back in
- 15 a rate case, then, after the fact to see what the
- 16 actual spending was in the District as allocated
- 17 in order to figure out whether the commitment --
- 18 or this aspect of the commitment had been met?
- 19 A That's one way to do it would be to use
- 20 the last approved allocation process in the last
- 21 rate proceeding, and use that allocation, and
- 22 then, in future rate cases, if that allocation

- 1 changes, which it really doesn't vary much from
- 2 year to year, then we would use whatever the
- 3 approved allocations were.
- 4 Q Okay. Are you thinking there might be a
- 5 different way to do it? I mean, you said that was
- 6 one way to do it. Are there others?
- 7 A I'm not the financial expert. That is
- 8 one way that I think it could be done. There may
- 9 be other ways I'm not aware of.
- 10 Q I was just wondering -- again, with any
- 11 luck at all, I won't be around to have to try and
- 12 force the commitment, but I thought perhaps we
- 13 could get on the record what was the target that
- 14 we were shooting at. That's all.
- And I guess I'm still a little puzzled.
- 16 You have a -- you have an escalated existing O&M
- 17 budget for two jurisdictions that will be
- 18 allocated according to reality measured after the
- 19 fact at some point in the future, is what I'm
- 20 getting out of your response.
- 21 A It's not that --
- MR. DUVER: Your Honor, I would object

1438 because it seems like that's more testimony than it is a question. 3 MR. COYLE: It was a question, trust me. I'm not following the response. CHAIRMAN KANE: The question you want 5 answered? What is the question? 7 MR. COYLE: I'll rephrase the question --CHAIRMAN KANE: Thank you. 9 MR. COYLE: -- in response to the objection, Your Honor. 10 11 BY MR. COYLE: 12 Do I understand you correctly, Mr. Gausman to be saying that what we have here in Exhibit (4A)-2, table 1, is a current O&M budget 15 escalated at 3 percent a year for two jurisdictions, and in order to determine whether or not the joint applicants have met their budgetary commitment with respect to meeting their 19 three-year average, you will have to go back at 20 some point in the future and take a retrospective 21 look to see how this O&M budget was actually 22 allocated?

- 1 A I can't prejudge how we would be directed
- 2 to do this. I can only say that this is an annual
- 3 number, and if the -- if this commitment was
- 4 accepted, I would envision that there would be an
- 5 annual reporting requirement to do that
- 6 allocation. And like I said, one way would be
- 7 based on the way that these expenses have been
- 8 previously allocated in the last rate case.
- 9 Q That's not explicit on the face of this
- 10 commitment anywhere, is it?
- 11 A We have tried to explain that in various
- 12 data responses.
- 13 Q But it's not explicit on the face of the
- 14 commitment.
- 15 A Again, we're getting into an area that I
- 16 am not really an expert in but, you know, all I
- 17 can say is that these types of -- there's a
- 18 well-established process within the District of
- 19 Columbia on how these cost are allocated. So I
- 20 believe that there is -- I believe there is
- 21 sufficient history and documentation to show what
- 22 the cost -- how to handle this type of a

1440 commitment. 2 Okay. Thank you. 3 Let me ask you to take a look at another aspect of table 1 while we have it. In the same chart, there is a section entitled, Reliability-driven capital (sic) expenditures, 2014 through 2020. Do you see that? Α Yes. And those figures are drawn from a larger document that was produced in your work papers. 10 11 Am I correct about that? 12 I believe that's correct, yes. 13 All right. Without paging through the work papers -- I want to see if we can do this on 15 recall only, if you'll indulge me. The figures that are listed for PEPCO D.C. for capital expenditures for years 2014 through 2020, does 18 that carry a budgetary line of reliability-driven 19 distribution capital expenditures? 20 I believe that is the way that we refer Α 21 to it. 22 So you were not talking, for example,

- 1 about expenditures on transmission facilities.
- 2 A It is -- that's correct. It is only the
- 3 reliability line items.
- 4 Q And only for distribution, right?
- 5 A Yes.
- 6 Q Okay. All right. How do you define
- 7 reliability-driven distribution capital
- 8 expenditures?
- 9 A As I said, within the consolidated
- 10 report, there's about 40 pages that go into
- 11 extensive detail that identifies by project, by
- 12 description of the project, you know, what --
- 13 where the work is being done, and the budgeted
- 14 amounts for each of those line items, as well as
- 15 the document that you're referring to, there's a
- 16 detailed listing of all of the capital projects
- 17 for this entire period. That's a copy of our
- 18 entire five-year capital plan that shows each
- 19 individual line item. And within each individual
- 20 line item it is coded as either being a
- 21 customer-driven, you know, for new services,
- 22 reliability or load-related project for activities

- 1 like a new substation or a new feeder.
- 2 Q I'm sorry. Had you finished your answer?
- 3 A Yes.
- 4 Q Okay. That was -- at the end of your
- 5 answer, you kind of got to what I was getting at.
- 6 There were customer-driven, load-driven and
- 7 reliability-driven distribution capital
- 8 expenditures. And is that the universe of them,
- 9 those three different types?
- 10 A For distribution, that's the primary
- 11 amount of work, yes.
- 12 Q All right. How do you tell -- what kind
- 13 of a filter do you apply to tell which is which?
- 14 I mean, I understand there's 40 pages in the
- 15 consolidated report listing the projects, but
- 16 you're the guy who applies the screen to them, I
- 17 assume, to tell which is which kind, right?
- 18 A Each line item is defined. There's a
- 19 definition for each line item that identifies
- 20 which category -- what the work is for. And we
- 21 have a long-standing history of how we have
- 22 defined reliability projects.

- 1 Q Okay. But there's no place I could
- 2 look -- no PEPCO internal engineering design or
- 3 accounting practice that would say, this is how we
- 4 define a reliability-driven distribution CapEx
- 5 versus this is how we define load-driven versus
- 6 this is how we define customer-driven. I wouldn't
- 7 be able to find that.
- 8 A I believe some of that is discussed in
- 9 the consolidated report.
- 10 Q Okay. Let me ask you, Mr. Gausman, to
- 11 please next take a look at what's been marked for
- 12 identification as Exhibit DCG 42, which is the
- 13 joint applicants' response to OPC 18-21. And that
- 14 response cross-references a confidential document,
- 15 which is the response to AOBA 1-10, attachment C,
- 16 which follows the request.
- 17 MR. COYLE: In keeping with previous
- 18 understandings with counsel, I guess I would ask
- 19 whether it would be acceptable if I were to
- 20 examine the witness concerning the confidential
- 21 attachment without reading the contents into the
- 22 record.

- 1 MR. DUVER: That's acceptable.
- 2 Obviously, if anything comes up during the
- 3 discussion, we'll raise it at that time.
- 4 CHAIRMAN KANE: That's fine. Proceed.
- 5 MR. COYLE: Thank you.
- 6 BY MR. COYLE:
- 7 Q Mr. Gausman, looking at the fourth page
- 8 of the exhibit if you count the cover sheet, you
- 9 get past the data request narrative and you see
- 10 what appears to be a PowerPoint slide that is a
- 11 PEPCO Holdings document. Do you see that?
- 12 A Yes.
- 13 Q Okay. Are you familiar with that
- 14 document? Would you like to take a minute to look
- 15 through it?
- 16 A I'm familiar with it.
- 17 Q Okay. Let me, then, ask you, first of
- 18 all, to describe in general terms what the
- 19 document is and what it was prepared for.
- 20 A This was some of the information that we
- 21 prepared. And when we're working with the Exelon
- 22 reliability teams to identify the amount of

- 1 improvement that we felt that PEPCO was able to
- 2 achieve through some of its -- or through its
- 3 reliability enhancement plan based on the current
- 4 budgets -- and then, you know, this is information
- 5 that, you know, in addition to information that
- 6 Exelon brought as to the types of activities that
- 7 they -- or the types of improvement that they
- 8 realized is what helped to get to the
- 9 recommendations that we made.
- 10 Q Okay. The date on this document is
- 11 May 8th, 2014. So it's after the merger was
- 12 announced, but not very long after the merger was
- 13 announced, correct?
- 14 A Right. One of the first things that we
- 15 did after the merger was announced was to put
- 16 together the reliability teams to start to see
- 17 what type of commitment we could support.
- 18 Q Let me ask you if you would turn within
- 19 that document to the page which bears in the lower
- 20 right-hand corner the legend confidential
- 21 D.C. 1119, AOBA DR 1-10, attachment C, page 10 of
- 22 29. The document is headed -- or the page is

- 1 headed, PEPCO D.C. SAIFI breakdown.
- 2 A Yes.
- 4 abbreviations are that are written vertically at
- 5 the bottom of the chart, DA, VM, FI? What do
- 6 those stand for?
- 7 A DA is distribution automation, VM is
- 8 vegetation management, FI is feeder improvement,
- 9 and then reclosers is the last item.
- 10 Q And what is a recloser, for the record,
- 11 Mr. Gausman?
- 12 A A recloser is an automated device that's
- 13 installed on the circuit, and it will help to
- 14 isolate a fault without the entire circuit going
- 15 out of service.
- 16 Q Now, what information were you attempting
- 17 to convey to Exelon with this page in general
- 18 terms?
- 19 A This was basically what we felt that we
- 20 were able to -- we would be able to achieve based
- 21 on our current plans as they existed, this was --
- 22 you know, based on the 2014 through 2018 plan.

1447 And it also tells you how -- it also 1 would tell how you expected to achieve it, correct? Which portion of the different programs would realize how much improvement, yes. Okay. And for example, if I were to look in the 2013 segment, I would see that you were predicating a .04 percent improvement in SAIFI on distribution automation? 10 Α Yes. And a .10 improvement in SAIFI on 11 12 reclosers? 13 Α Yes. What's the process involved in installing 15 reclosers? Is that an expensive piece of 16 equipment or --17 Typically it's about \$100,000 per installation. 18 19 Is there -- you tell me. I'm trying not 20 to ask too many questions here, but would you tell 21 me whether there are significant anticipated 22 expenditures on reclosers over the rest of the

- 1 period reflected on this page?
- 2 A No, the current -- the current plan -- I
- 3 think it shows -- the second bullet from the
- 4 bottom identifies that we had planned to install
- 5 additional reclosers in 2015 and 2016, and there
- 6 were no additional reclosers after that period.
- 7 Q Okay. Thank you.
- If you turn to the next page, please,
- 9 which bears the legend at the bottom in the
- 10 right-hand corner, confidential D.C. 1119, AOBA
- 11 DR 1-10, attachment C, page 11 of 29. It's headed
- 12 PEPCO D.C. SAIDI breakdown.
- 13 A Yes.
- 14 Q And is it true that this -- in this page
- 15 what you're attempting to convey to Exelon is what
- 16 improvements in SAIDI PEPCO contemplates making by
- 17 what means over what periods of time?
- 18 A Yes.
- 19 Q Okay. Now, you were -- in both of those
- 20 pages, you were presenting historical information
- 21 for 2013. Why?
- 22 A We used -- since this was starting in

- 1 2014, we used the 2013 actual data and -- but the
- 2 improvements that we assigned were improvements
- 3 that were -- that we had been realizing over, I
- 4 think, about the last three years. So we're using
- 5 average improvements for each of the different
- 6 activities.
- 7 Q All right. And then what was done with
- 8 this information over the course of the next eight
- 9 months, if anything?
- 10 A This was the basis that we've used for
- 11 our decisions.
- 12 Q And when you say "our," the possessive
- 13 pronoun "our" refers to both Exelon and PHI?
- 14 A Yes.
- 15 Q Okay. Thanks.
- Mr. Gausman, switching topics for a
- 17 minute, you were discussing with Mr. Eilbott a few
- 18 moments ago the possibility that PEPCO might
- 19 consider, when the opportunity is permitted by the
- 20 Commission's regulations, asking for
- 21 reconsideration or relaxation of the SAIDI
- 22 component of the EQSS. Do you recall that?

1450 Not exactly. I said that we have not 1 made any decisions. 3 Right. Right. That's correct. In the course of that discussion, I believe you said that the view at PEPCO has always been that the SAIDI standard in the outer years, 2018 through 20 -- well, let me withdraw that. 8 You had said that the -- meeting the SAIDI standard in the later years was kind of a heavy lift, I guess is the way I'd put it --10 11 Α Yes. 12 -- Is that accurate? And what is it about that standard that 13 makes it a heavy lift? 15 The distribution system across the District of Columbia is not one consistent type of design. We have a combination of overhead and 17 underground. And in the underground, there's 19 several different configurations. And it's also 20 well identified that work that is -- when an 21 outage occurs in the existing underground systems, 22 it generally will take a lot longer to restore

- 1 than an outage that's on the overhead system.
- 2 So, you know, as we improve performance
- 3 on the overhead system, you know, it will tend to
- 4 direct you to more and more work on the
- 5 underground. So that is really our concern that
- 6 as -- as we reach the lower -- the better
- 7 performance levels of SAIDI, that the
- 8 undergrounding system is going to drive variations
- 9 in those numbers much more than the overhead
- 10 system, as it did the first -- beginning of this
- 11 year where, as I said, one event has contributed
- 12 to 22, 23 minutes of SAIDI to the overall system
- 13 number in just the first two months.
- 14 So that's really, you know, our concern
- 15 is that you really have -- it's a very complex
- 16 system, and looking out, you know, four and five
- 17 years and looking at how the change is occurring,
- 18 even with D.C. PLUG, which is an absolutely
- 19 outstanding program, that's changing the mix
- 20 between overhead and underground, and that in
- 21 itself can have impacts on the overall system
- 22 number that we will have to manage.

- 1 Q Now, do you recall when we were looking
- 2 at the capital budgets that are set forth in
- 3 table 1 in Exhibit (4A)-2 -- and you can look at
- 4 that again if it gives you any comfort for any
- 5 grounding for your answer -- you said four or five
- 6 years out, and I understand you to mean that
- 7 you're referring to four or five years from today,
- 8 the 2019 to 2020 time frame?
- 9 A Yes. The current standards go through
- 10 2020.
- 11 Q Okay. All right. I just wanted to make
- 12 sure we had the same frame of reference. Why
- 13 don't you go back to Exhibit (4A)-2 to the capital
- 14 budget line on table 1 just so we have it in front
- 15 of us.
- 16 A Uh-huh. I have it.
- 17 Q All right. Now, if I look at the PEPCO
- 18 D.C. reliability-driven CapEx budget for
- 19 2019-2020, I'm certainly not a distribution
- 20 engineer of any attainment, but those seem to me
- 21 to be relatively robust budget figures. How much
- 22 extra do you think it might cost for you to have a

- 1 higher comfort level about being able to ensure
- 2 compliance with the SAIDI standards for those two
- 3 years?
- 4 A Two things. First, just to recognize
- 5 that these numbers do include the dollars
- 6 associated with the D.C. undergrounding program.
- 7 So that's a pretty significant dollar number
- 8 there.
- 9 Q Can I stop you there for just one second.
- 10 A Yes.
- 11 Q When you say the dollars associated with
- 12 the D.C. undergrounding program, are those the
- 13 PEPCO dollars or do they include the DDOT dollars
- 14 as well?
- 15 A PEPCO only.
- 16 Q Okay. Thank you. Please go ahead.
- 17 A And the other -- if I remember your
- 18 question correctly, the other part of the answer
- 19 is that Exelon is committing to be able the
- 20 achieve these levels of performance within these
- 21 dollars. So that risk of -- that I've been
- 22 talking about that, you know, it is going to

- 1 become more difficult to achieve smaller levels of
- 2 improvement in the outer years, that's the work
- 3 that we're going to work together and find those
- 4 improvements and be able to achieve that higher
- 5 level of performance within these dollar amounts.
- 6 Q And one of the issues, at least my
- 7 client, as an intervenor, has to confront and be
- 8 able the address is that in a scenario in which
- 9 there is no merger -- right? Do you have that in
- 10 mind?
- 11 A Yes.
- 12 Q In a hypothetical scenario in which there
- 13 is no merger, how much extra, if you know, do you
- 14 anticipate would need to be added to those CapEx
- 15 budgets for 2019 and 2020 in order to meet your
- 16 SAIDI targets, if you know?
- 17 A I don't know.
- 18 Q Okay. It could be zero, couldn't it?
- 19 A I don't know.
- 20 Q You don't have any idea as you sit here?
- MR. DUVER: Your Honor, asked and
- 22 answered.

1455 1 CHAIRMAN KANE: He said he didn't know. 2 MR. COYLE: Thank you. BY MR. COYLE: Let me ask you next, Mr. Gausman, to take a look at what has been marked for identification as Exhibit DCG 49. That's joint applicants' request -- response to data request DCG 2-43. Ιt cross-references another response which has been marked for identification as DCG 48. I'd like you to look at both of them at the same time, if that's possible. 11 I have both of those. 12 Now, you are one of the authors of the 13 response to DCG 2-43 which has been marked for identification as DCG Exhibit 49, correct? Α That's correct. 17 Q That response was correct when you gave 18 it? 19 Α Yes. 20 Still correct today? 21 Α To the best of my knowledge, it is. 22 Q Okay. And that response cross-references

1456 the response to DCG 1-75 which has been marked for identification as DCG 48, right? Do you have that response? A Yes, I do. All right. And did you have occasion to review that response when you included it in your cross-reference in the response to DCG 2-43? Α I'm sure I did. I don't remember, but I'm sure I did. 10 The response in DCG 1-75 that's been marked as DCG Exhibit 48 states, The merger is not 11 a necessary precondition to the attainment over time of the improvements in PEPCO's SAIDI and SAIFI referenced in Mr. Alden's direct testimony. 15 Do you see that? 16 Yes. 17 Do you believe that statement is 18 accurate? 19 MR. DUVER: Your Honor I would object to questioning Mr. Gausman on this particular 20 21 exhibit. It's sponsored by Mr. Alden. It refers

22 to Mr. Alden's testimony. The initial DR that

- 1 Mr. Coyle is using in order to reference this one
- 2 is co-sponsored by Mr. Alden and Mr. Gausman. And
- 3 so to the extent that these questions -- they
- 4 should have been asked of Mr. Alden.
- 5 MR. COYLE: Mr. Gausman was a co-author
- 6 of a response that cross-referenced this response.
- 7 I asked him if he had read it at the time that he
- 8 cross-referenced it, and he said that he had.
- 9 Cross-referencing to me makes it part of the
- 10 answer, Your Honor. I think it's fair game.
- 11 CHAIRMAN KANE: The witness can answer
- 12 whether or not he's familiar with it and is able
- 13 to answer.
- 14 THE WITNESS: I'm sorry. Could you ask
- 15 the question?
- 16 BY MR. COYLE:
- 17 Q Sure. Let me go back one and ask you a
- 18 question I already asked you, which is, when you
- 19 wrote the answer to DCG 2-43, which has been
- 20 marked for identification as Exhibit DCG 49, you
- 21 cross-referenced the response to DCG 1-75, which
- 22 has been marked for identification as DCG 48. My

- 1 question to you, first, was, did you review the
- 2 response to DCG 1-75 when you cross-referenced it
- 3 in your answer to DCG 2-43?
- 4 A I believe I did.
- 5 Q Okay. Then is the statement that the
- 6 merger is not a necessary precondition to the
- 7 attainment over time of the improvements in
- 8 PEPCO's SAIDI and SAIFI referenced in Mr. Alden's
- 9 direct testimony a correct statement?
- 10 MR. DUVER: And I would renew my
- 11 objection on the same grounds.
- MR. COYLE: Your Honor, he incorporated
- 13 the response by reference in a data request
- 14 response. It seems to me that it is the witness'
- 15 testimony.
- 16 MR. DUVER: If Mr. Coyle wants to -- what
- 17 he's asking is whether a statement that is
- 18 included in Mr. Alden's testimony and that is
- 19 described here is true and accurate. And the
- 20 sponsor of any statements in Mr. Alden's
- 21 testimony, as well as here, is Mr. Alden, not
- 22 Mr. Gausman.

1459 CHAIRMAN KANE: The witness is not able 1 to answer whether Mr. Alden's statement is accurate. MR. COYLE: And I wasn't asking him about Mr. Alden's statement. I was asking him about the response which I would contend he adopted in cross-referencing. CHAIRMAN KANE: No. MR. COYLE: Very well. BY MR. COYLE: 10 Let's change topics again -- oh, excuse 11 me a second. Let me go off the record a second. 12 13 Let me change gears, Mr. Gausman, and ask you about your September supplemental direct testimony, Joint Applicants' Exhibit (2E). 15 I have it. Your September supplemental direct Q testimony is exclusively directed, is it not, to 19 the procurement of standard offer service and the 20 impact of the proposed merger on standard offer service? 21 22 That's correct. A

1460 Now, you are not an economist, are you, 1 Mr. Gausman? I am not. You don't have any particular expertise in the formulation or application of restrictions on interaffiliate transaction? Α I do not. So your testimony is limited to your impressions of the way the standard service offer procurement operates today, pre-merger? 11 Α Yes. Okay. Are you familiar with the 12 operation of the PJM regional transmission organization, Mr. Gausman? You testify about 15 aspects of it later on. Yes, I'm familiar with it. 16 Are you involved in PJM in any way? 17 Q 18 I have been off and on over the years. 19 I'm involved in a general sense, yes. 20 Okay. Do you know how much of the vote 21 that Exelon and its affiliates control today on 22 the PJM transmission owners committee?

1461 I believe it's one vote. 1 2 Do you know how much of a percentage of transmission credits Exelon controls? Α I have no --4 MR. DUVER: Your Honor, I would object to this line of questioning. This is far beyond the scope of Mr. Gausman's testimony. His testimony relates to the SOS market here, and it doesn't get into voting rights and percentages of voting on That's solely within Ms. Solomon's 10 testimony. 11 MR. COYLE: Well, it's actually a rather 12 short line of cross-examination, but the witness 13 did testify that he knows about PJM, much of his -- it's a subsequent round of testimony -- I think it's the rebuttal testimony -- in which he talks a fair bit about PJM and transmission. 18 think it is fair game since the witness was 19 testifying about his view that -- in his 20 rebuttal -- in his supplemental direct, Mr. Gausman testifies about his view that current 21 22 protections built around the standard offer

- 1 service market are accurate -- are adequate to
- 2 withstand efforts at inappropriate market conduct
- 3 post-merger.
- 4 I think that was the point of the
- 5 testimony. So I think I'm well within bounds
- 6 testing the --
- 7 CHAIRMAN KANE: The witness has testified
- 8 that he is familiar with some of the operations of
- 9 PJM. He can answer questions within his area of
- 10 knowledge. If there are questions about other
- 11 aspects of PJM that he is not familiar with that
- 12 are not within his area of knowledge, he can
- 13 determine --
- MR. COYLE: So we're finding out. Thank
- 15 you, Your Honor.
- 16 BY MR. COYLE:
- 17 Q Let me wrap it up with just one more
- 18 question, Mr. Gausman. Based on your familiarity
- 19 with standard offer service for procurement for
- 20 PEPCO, would you say that increases in price in
- 21 the wholesale power markets operated by the PJM
- 22 regional transmission organization generally

1463 affect the cost of standard offer service? 2 Α They can. Can you give me some examples? Well, I mean, I don't do the bidding. I'm sure that cost that any energy supplier is incurring -- they're going to factor that into their estimates. If there is a cost increase, it's going to up to the standard offer service bidder if they choose to include that increased cost in their bids or not. 10 Okay. In the course of your observations 11 Q of the standard offer service procurement for 12 PEPCO, Mr. Gausman, have you had occasion to observe the impact of prices in the PJM capacity 15 market, the base residual auction, on prices for standard offer service? 16 17 Α I'm generally aware of it. 18 What has the impact of those prices been? 19 Α You're talking about the recent prices? 20 Sure. 21 Α I mean, there has been a downward 22 movement in the prices in the auctions driven by

1464 the -- primarily driven by the gas prices. 2 Okay. Thank you. 3 Let me ask you to go now to your rebuttal testimony, Joint Applicants' (3E). Go to page 8, lines 3 to 13. I'm sorry, Mr. Gausman. I asked you -- I asked you that question already. I'm going to withdraw it. 8 Would you take a look, Mr. Gausman, please, at Exhibit DCG 54, what's been marked for identification as DCG 54. That's the joint 10 applicants' response to data request DCG 8-41. 11 12 I have it. Α 13 Okay. Are you the ultimate source of the information that's provided in that response? 15 know you're not the sponsor of the answer, but are you the source of the information? 16 17 Α Yes, I believe so. 18 Is the information conveyed in that 19 response accurate? 20 Yes. Α 21 Q Thank you. Mr. Gausman, let me ask you to take a look next at what's been marked for 22

- 1 identification as DCG 55. You are one of the
- 2 co-sponsors of that response, are you not?
- 3 A Yes, I am.
- 4 Q Okay. We had this question come up a
- 5 couple of times before, and I think everybody else
- 6 we asked it to sent it to you. And the question
- 7 was, what is the sensitivity of the joint
- 8 applicants' reliability commitment, item 7 in
- 9 Exhibit (4A)-2, to delays in the construction
- 10 schedule for the D.C. PLUG program?
- 11 A The chart that is shown here in this
- 12 exhibit, it shows the -- what we are -- we had
- 13 estimated to be the SAIFI/SAIDI impact of the
- 14 different feeders that were included in the first
- 15 tri-annual plan of the D.C. undergrounding
- 16 program.
- 17 It's important to recognize that these
- 18 SAIDI/SAIFI improvements -- you know, since we're
- 19 looking to see what the impact is of -- on the
- 20 SAIDI/SAIFI as defined in the EQSS, these
- 21 improvements or impacts are storm-exclusive
- 22 information where the analysis that we used to

- 1 identify the benefits of the D.C. undergrounding
- 2 program, since it is a storm resiliency plan, it
- 3 incorporates the storm -- includes three years of
- 4 historical dated, including storm-inclusive data.
- 5 So the -- the SAIDI/SAIFI performance on
- 6 individual feeders are significantly different if
- 7 you're looking at it on an annual exclusive basis
- 8 versus a three-year average inclusive basis.
- 9 Q Fair enough. I guess my question was a
- 10 little more basic than that, which is -- and the
- 11 question really is, what level of analysis -- I
- 12 see you say joint applicants haven't completed a
- 13 formal assessment as of the date of this response,
- 14 but what is the basis for the anticipated impact
- 15 on reliability performance for various delays in
- 16 D.C. PLUG? Maybe you can just walk us through the
- 17 table and --
- 18 A I looked --
- 19 O -- tell us how it's calculated. Sorry.
- 20 A I looked at the feeders that we -- based
- 21 on our schedule that we filed with the Commission.
- 22 We -- I looked at each of those feeders when I

- 1 thought the benefits of the undergrounding would
- 2 be realized, and I identified the total amount of
- 3 overhead-related outages associated with each of
- 4 those feeders.
- 5 And then based on the -- the reduction in
- 6 the number of interruptions or the reduction in
- 7 the customer minutes of interruptions, I then
- 8 equated it to a system-level SAIDI and SAIFI. So
- 9 you can see that, as you go further out, the later
- 10 years, you know, we're undergrounding, like, ten
- 11 feeders a year.
- 12 So the benefits -- the system impact
- 13 benefits are larger than the first year where I
- 14 think this was only estimated for, like, two
- 15 feeders.
- 16 Q One more question on this, Mr. Gausman.
- 17 What is the significance of the years across the
- 18 top? Is that years to which the start of
- 19 construction is delayed or -- how should we read
- 20 that, I guess, is the --
- 21 A This is the year that we would expect to
- 22 realize a benefit. So a realization of .05 SAIFI,

1468 system-level SAIFI improvement in 2016 would mean that there would be some work that would be done, started and completed early enough in the year 2016 that we would realize benefits that year. Okay. And the same for 2017? Α For each year, yes. Q Okay. All right. Great. Thank you. Let me ask you next to take a look at what's been marked for identification --10 MR. COYLE: Before I do that, let me ask the Chair, I still have a ways to go with 11 Mr. Gausman. What time would you like to break 12 this evening? 13 CHAIRMAN KANE: I'm glad you asked that. 14 15 What do you mean by a ways to go? An hour? 16 MR. COYLE: I have probably that at 17 least, another hour. CHAIRMAN KANE: Another hour? 18 19 MR. COYLE: Yeah. 20 CHAIRMAN KANE: And let me just -- I know 21 Mr. Gausman has to come back Monday anyway for

Ms. Francis to have her opportunity for AOBA to do

1469 cross-examination. I think we have some questions. Does DC SUN have questions for Mr. Gausman? MS. SPENCER: No, Your Honor, we do not. CHAIRMAN KANE: And D.C. Water? MS. WHITE: I'll just have that follow-up to the --CHAIRMAN KANE: Just a couple of questions? 10 MS. WHITE: -- exchange --CHAIRMAN KANE: Okay. You've got an 11 12 hour. It sounds like we've got at least 13 another -- it's 5:15. It's Friday. We've had a long week. You're in the middle of a question? You're in the middle of a question, Mr. Coyle, or 16 are we about to change to a new topic? 17 MR. COYLE: I can stop here and pick up 18 on Monday. That's fine. 19 CHAIRMAN KANE: I would suggest we do 20 that, since I had said at the beginning --21 Commissioner Fort? 22 COMMISSIONER FORT: I was just going to

1470 ask about Mr. Gould who is flying back from Spain from his vacation. So --MR. LORENZO: Yes, so he would go first -- we would request that he go first, we break up Mr. Gausman's testimony -- so he could be completed in a day and fly back to his family in 7 Spain that night. 8 CHAIRMAN KANE: That night. 9 MR. LORENZO: We would hope he would --10 CHAIRMAN KANE: Well, the estimate was that you need about three-and-a-half hours for 11 Mr. Gould. 12 13 MR. LORENZO: Correct. CHAIRMAN KANE: We have two hours for 14 Mr. Gausman in the morning. Then that might bump us late. 16 17 MR. LORENZO: He has to catch a --18 CHAIRMAN KANE: We start with 19 Mr. Gould -- that's what I'm saying. 20 MR. LORENZO: Okay. CHAIRMAN KANE: That's why we will --21 22 MR. LORENZO: Good. Thank you.

1471 CHAIRMAN KANE: That's why are 1 interrupting that and putting him first, because there would not be enough time if he went second in order to finish that. MR. LORENZO: He will be very glad to that hear that. 7 CHAIRMAN KANE: And then the expectation would be, following that, we'd finish up with Mr. Gausman, and the next person scheduled is 10 Mr. Khouzami. 11 MR. LORENZO: That is correct. CHAIRMAN KANE: Probably is going to go 12 13 over to the next day, to Tuesday, and then to 14 McGowan and Tierney. 15 MR. LORENZO: We would propose that 16 Mr. McGowan would go last. We'd move him to 17 after --18 CHAIRMAN KANE: The very last, after 19 Ms. Tierney. 20 MR. LORENZO: Yes. 21 CHAIRMAN KANE: Okay. 22 MR. LORENZO: And Ms. Lapson.

1472 CHAIRMAN KANE: And Lapson, yes. 1 All right. Well, that being done, at 5:15 --Mr. Daniels, sorry. MR. DANIELS: Okay. Rick Morgan is 4 available on the 8th, but not after the 16th of April. CHAIRMAN KANE: Okay. MR. DANIELS: So I was just wondering if we could confer with the joint applicants to see if we could get him in at least on the 8th. 10 11 CHAIRMAN KANE: On the 8th. That's what 12 he's scheduled for. 13 MR. DANIELS: Right. CHAIRMAN KANE: But maybe up in the --14 are you suggesting that -- have any of the other intervenors had a chance to check with your witnesses on availability for the 20th and 21st? 18 MS. WHITEMAN: Yes, I was actually to 19 confirm -- Ms. Francis is confirmed for April 20th 20 and 21st. 21 CHAIRMAN KANE: She is, but you don't --22 Mr. Oliver, your witness?

		1473
1	MS. WHITEMAN: I can ask that now. I	
2	just was following up on the earlier request.	
3	CHAIRMAN KANE: Oh, she is confirmed.	
4	MS. WHITEMAN: Yes.	
5	CHAIRMAN KANE: So I'm going to ask	
6	everybody by Monday morning to check with your	
7	witnesses. And we already know that Mr. Morgan	
8	needs to be taken on the 8th at the latest.	
9	MR. LORENZO: We will check with the	
10	person assigned to cross-examine him, and	
11	hopefully	
12	CHAIRMAN KANE: Yes.	
13	MR. LORENZO: he'll be ready to go on	
14	the 8th to accommodate Mr. Morgan's schedule.	
15	CHAIRMAN KANE: Okay.	
16	MS. WHITE: Madam Chairman?	
17	CHAIRMAN KANE: Yes, Ms. White.	
18	MS. WHITE: I was able to confirm	
19	Mr. Gorman is available on the 20th or the 21st.	
20	CHAIRMAN KANE: Very good. Thank you.	
21	MS. SPENCER: Your Honor, can I add that	
22	we've also conferred with Ms. Schoolman, and she	

1474 is available on the 20th or 21st as well. 2 CHAIRMAN KANE: Okay. Very good. And who is confirming Mr. Hempling for Grid 2.0? He's not here -- they're not here. All Well, we'll be sure to get the notice out to the others who -- the other parties who are not here about the change in schedule. 8 Mr. Daniels? 9 MR. DANIELS: Yes. David Dismukes, Donna Ramas and Dr. Woolridge are available on the 20th. 10 11 CHAIRMAN KANE: We may get to them on the 8th, but that's -- sort that out. 12 13 MR. DANIELS: Right. CHAIRMAN KANE: Okay. 14 15 MR. DANIELS: And Mr. Mara, our reliability witness, is available on the 20th or 17 the 21st. So... 18 CHAIRMAN KANE: I want to be sure if we 19 get to the 8th that we're not -- depending on what 20 happens, whether we don't put so many people off 21 to the 20th and the 21st that we need another day. 22 If you would all -- I'm doing this orally

1475 now, but if you would all please communicate by e-mail with Mr. Herskovitz so that we have that for the record as soon as possible, even over the weekend although it is a holiday weekend. MR. DUVER: Your Honor, I don't want to necessarily start up the overall discussion of this, but I know with the schedule going out to the 20th and 21st, that necessarily implicates the briefing schedule. And I don't believe --10 CHAIRMAN KANE: Oh, yes. MR. DUVER: -- we've discussed that yet, 11 and so I'm just curious, is that something that --12 I obviously don't want to keep people here on a Friday evening to do that, but if we could get 15 clarity on that maybe on Monday, that would be 16 helpful as well. 17 CHAIRMAN KANE: We'll clarify that on 18 Monday. Thank you. 19 Thank you, all. Have a good weekend, and 20 we will see you Monday morning at 10:00 a.m. 21 (Whereupon, at 5:18 p.m., the above 22 proceedings were adjourned.)

		1176
1	CERTIFICATE OF COURT REPORTER	1476
2	I, DENISE M. BRUNET, Certified Court	
3	Reporter, do hereby certify that the statements	
4	and testimony that appear in the foregoing	
5	transcript are the statements and testimony taken	
6	by me in shorthand and thereafter reduced to	
7	computerized transcription by me or under my	
8	direction; do hereby certify that the foregoing	
9	transcript is a true and correct record of the	
10	statements and testimony given; that I am neither	
11	counsel for, related to, nor am employed by any of	
12	the parties to the action; and further, that I am	
13	not a relative of employee of any attorney or	
14	counsel employed by the parties thereto, nor	
15	financially or otherwise interested in the outcome	
16	of the action.	
17	Davis a MI B	_
18	Dening M. Bru	ne
19	Denise M. Brunet	
20	Certified Court Reporter	
21		
22		

	1 42	,	
\$	<b>1.29</b> 1346:21	<b>12</b> 1191:4 1239:22	<b>1381</b> 1188:13
<b>\$100,000</b> 1447:17	<b>1.61</b> 1269:21	1321:7,12,17	<b>14</b> 1236:9 1243:19
	<b>1.X</b> 1289:4	1322:4 1368:19 1369:3	1297:8 1420:3
0	<b>1:41</b> 1367:5		1422:4
<b>03</b> 1252:20	<b>10</b> 1235:15	<b>12:27</b> 1299:14	<b>141</b> 1352:5
<b>04</b> 1447:8	1246:21 1273:9	<b>1200</b> 1187:19	<b>1419</b> 1189:15
<b>05</b> 1467:22	1274:8 1275:11	<b>1200ths</b> 1296:4,8	<b>1428</b> 1188:14
	1414:12 1416:11	<b>1229</b> 1188:5,6	<b>1464</b> 1239:18
1 1107 10 1242 20	1428:10,13	<b>1231</b> 1188:8,17	<b>14th</b> 1313:18
<b>1</b> 1197:19 1242:20 1243:1	1445:21 1447:11	<b>1232</b> 1188:18	<b>15</b> 1276:13,17
1250:8,20	<b>10:00</b> 1475:20	1233	1282:6 1297:8
1251:6	<b>10:07</b> 1185:13	1188:19,20,21	1309:13 1388:3
1258:3,6,16	<b>10154</b> 1186:8	<b>1234</b> 1189:2,3,4	1417:17,19
1302:16,20	<b>1050</b> 1187:6	<b>1235</b> 1189:5	1420:16 1427:5
1308:13,22 1309:7 1310:17	<b>107</b> 1286:18	<b>1239</b> 1189:6	<b>155</b> 1352:6
1311:9 1314:5	1287:11,14		<b>15th</b> 1186:14
1316:13 1335:22	1288:2 1295:22	<b>124</b> 1352:7	1187:15
1336:10,20	107-minute	<b>125</b> 1249:8	1371:12,13
1353:5 1368:17	1288:6	<b>1267</b> 1189:7	<b>16</b> 1236:9 1249:14
1392:16 1393:9 1394:21	<b>1087</b> 1419:11,18	<b>1269</b> 1188:9	1250:1 1270:11 1275:1,15
1394.21	<b>10th</b> 1313:3	<b>1293</b> 1188:4	1308:10,19
1396:2 1400:6	1366:14	<b>13</b> 1270:7,8	1427:5
1408:9	<b>11</b> 1243:19 1282:6	1348:14	1428:10,13
1410:6,12,14,15	1368:19 1369:3	1392:14,16,18,2	<b>16.5</b> 1275:13
1411:14 1412:5,6,14,20	1417:1 1448:11	2 1393:8 1422:4 1464:5	<b>16-1/2</b> 1275:4
1413:10,12	<b>1-10</b> 1232:7,17		<b>1615</b> 1186:18
1419:18 1433:21	1443:15 1445:21 1448:11	<b>1320</b> 1188:10	<b>1659</b> 1266:3,6
1434:1 1438:14	<b>1116</b> 1312:16	<b>1333</b> 1185:15	1368:18
1440:4	1313:2,18	<b>1362</b> 1189:10	<b>1660</b> 1266:7
1452:3,14	<b>1119</b> 1185:5	1363	1368:18
<b>1.01</b> 1351:15	1191183.3	1188:18,19,20,2	<b>168</b> 1352:6
<b>1.06</b> 1351:13	1448:10	1 1189:2,3,4,5,6,7	<b>1684</b> 1239:22
<b>1.12</b> 1346:20	<b>1133</b> 1186:14	<b>1366</b> 1189:12	1368:20 1369:6
<b>1.19</b> 1351:15	<b>1-16</b> 1233:17		<b>1689</b> 1243:9,15
<b>1.21</b> 1351:14	<b>1171</b> 1348:13	<b>1370</b> 1189:13,14	1244:18 1368:22
<b>1.23</b> 1346:21	<b>1171</b> 1348.13	<b>1374</b> 1188:12	1369:6
	110 1244.41	<b>1380</b> 1239:21	<b>1690</b> 1239:18

<b>16th</b> 1366:18	<b>19</b> 1189:14	<b>20001</b> 1186:5	1238:6 1240:10
1371:12,13	1246:21	<b>20005</b> 1185:15	1242:4 1243:3
1472:5	1260:6,13,15	1186:15 1187:15	1274:9,22
<b>17</b> 1257:19 1311:9	1273:8 1274:7		1344:14 1346:5
1375:17 1383:2	1275:10	<b>20036</b> 1186:19	1347:1 1351:15
1386:8 1398:2	1370:9,15	1187:7,11,20	1352:7 1360:19
	1407:12 1427:6	<b>2008</b> 1416:11	1361:21 1382:8
<b>1701</b> 1186:10	<b>19.4</b> 1275:13	<b>2009</b> 1243:3	1385:2
<b>1730</b> 1187:10		1346:5,19	1417:6,15,22
<b>1-75</b> 1456:1,10	<b>19103</b> 1186:11	1350:22 1351:13	1418:13 1447:7
1457:21 1458:2	<b>19th</b> 1187:19	1352:5	1448:21 1449:1
17-minute	1st 1215:10	<b>2010</b> 1346:21	<b>2014</b> 1215:10
1295:19	1387:15,17	1350:12	1221:7 1225:14
		1350:12	1244:6,20,21
17th 1187:6		1351:1,13	1245:3,6
1244:9 1245:13	<b>2</b> 1250:6,8,21	1421:17,21	1246:14 1248:12
1250:5,9	1251:7 1252:10	ŕ	1249:6,13,22
1251:20 1255:15	1267:16,20	<b>20-10</b> 1234:3	1252:15,21
1258:20 1259:10	1268:14	<b>2011</b> 1221:2	1254:13,22
1260:6,13	1276:13,16	1274:9,22	1255:3
1274:13 1276:22	1302:5	1346:21 1351:14	1256:8,13,22
1298:2,6	1310:16,21	1352:6	1257:22 1258:4
1371:14,15 1375:14 1376:9	1312:12 1313:6	2011-2013	1269:21
13/5.14 13/6.9	1314:4,13	1249:15 1250:2	1274:2,21
	1316:13 1336:7		1275:8
<b>18</b> 1189:13 1238:3	1383:2,5 1393:8	<b>2012</b> 1216:3	1279:1,3,4
1241:20 1242:2	1395:2 1397:22	1220:20	1282:21 1283:4
1251:21 1254:4	1398:1,2,6,7,11	1221:2,4 1228:7,9,11	1284:15 1296:18
1256:4	1399:3 1412:21	1236:11 1238:5	1302:21
1270:7,8,11	1433:10,13	1240:6 1241:18	1303:4,12
1330:3 1340:4	<b>2.0</b> 1474:4	1240.6 1241.18	1313:18 1344:16
1347:12 1359:8		1242.0 1249.0	1347:17 1348:18
1370:2,7,13	<b>2.5</b> 1245:8,17,21	1343:18	1349:4,19
1407:12	1360:8,14	1344:9,13	1351:15,18 1352:7,18
<b>18-20</b> 1429:7	1361:2,8	1346:22 1347:9	1352.7,18
1430:7	<b>2:00</b> 1366:8	1351:15 1352:6	1361:21 1365:6
<b>18-21</b> 1443:13	<b>20</b> 1276:13,16	1361:20 1417:4	1399:9 1417:8
	1292:12 1364:1	1419:19 1422:4	1418:12,14
<b>18-25</b> 1371:3	1366:8 1385:2	<b>2013</b> 1215:10	1434:2
<b>186</b> 1352:6	1421:20 1427:6	1220:20	1440:7,17
<b>18-month</b> 1238:3	1450:7	1220:20 1221:4,6,13	1445:11 1446:22
<b>18th</b> 1254:13	<b>2000</b> 1257:19	1235:22	1449:1
1256:13 1258:4	1260:6	1235.22	<b>2015</b> 1185:10
1230.13 1230.4	1200.0	1230.3,11	2013 1183.10

	Ĭ		1
1194:11 1241:18	1187:7,11,16,20	<b>215</b> 1186:11	<b>290</b> 1295:22
1244:5,9 1250:9	<b>2020</b> 1251:11,16	1264:21	<b>296-3390</b> 1187:7
1252:7,15	1252:20 1259:3	<b>218</b> 1251:3 1253:3	<b>29th</b> 1303:17
1254:8,11 1256:8,11,17,20	1262:5 1287:21	<b>219</b> 1264:21	<b>2E</b> 1375:7 1459:15
1257:18 1258:20	1290:1 1291:2,9 1296:17 1302:22	<b>21st</b> 1366:16	
1267:13 1268:21	1303:4 1305:22	1371:17	<b>2E)-1</b> 1375:8
1279:2,4	1306:9,12	1372:17,18,19	<b>2nd</b> 1244:5,19
1303:18 1311:9	1307:13 1310:6	1472:17,20	1245:11
1313:3 1375:15 1376:1 1393:16	1311:7 1312:9	1473:19	3
1394:2 1395:21	1318:9 1343:13	1474:1,17,21 1475:8	3 1185:10 1251:20
1397:21 1398:2	1348:19 1382:8		1258:11,13,16
1421:22 1425:22	1393:16 1394:2,18	<b>22</b> 1291:20,22 1364:20 1370:8	1259:11
1434:20 1448:5	1418:15	1417:17,19	1267:17,21
<b>2016</b> 1262:5	1434:2,15	1451:12	1268:1,12,16
1312:7,14	1440:7,17	<b>220</b> 1251:3 1253:3	1276:13,16,17
1348:20	1452:8,10	22nd 1372:16	1282:6 1291:20,22
1395:11,21	1454:15		1291:20,22 1292:5 1297:8
1448:5 1468:1,4	<b>2021</b> 1401:18	<b>23</b> 1240:1 1266:6	1304:20
<b>2017</b> 1312:8	1402:7	1451:12	1308:10,19
1395:11,21	<b>20th</b> 1366:15	<b>23.6</b> 1275:16	1309:13 1310:17
1421:20 1468:5	1371:16	23-minute	1312:2 1336:7
<b>2018</b> 1251:11,16	1372:16,17,18,1	1423:11	1398:9,11,18
1252:20 1259:3 1287:21 1289:12	9 1472:17,19 1473:19	<b>23rd</b> 1278:11	1412:21 1413:18,20
1297:21 1287:12	1474:1,10,16,21	1326:8	1413.16,20
1296:16 1305:22	1475:8	<b>24</b> 1340:4 1359:9	1434:18,21
1306:8,11	<b>21</b> 1241:21 1242:2	1365:3	1438:15 1464:5
1307:12 1310:6	1308:11,19	<b>2-43</b> 1455:7,14	<b>3:00</b> 1366:9
1311:6 1318:9	1309:13 1369:22	1456:7 1457:19	1367:1 1368:4
1348:21 1400:21,22	1370:2 1386:9	1458:3	<b>3:03</b> 1368:2
1400.21,22	1388:12	<b>24-month</b> 1330:3	<b>30</b> 1189:14 1268:4
1450:7	<b>211</b> 1247:2	<b>25</b> 1194:11 1365:3	1370:9,15
<b>2019</b> 1289:19	<b>212</b> 1186:8	<b>25th</b> 1376:1	<b>300</b> 1186:4
1291:7 1400:21	1229:22 1236:5	<b>289</b> 1244:17	1187:6,19
1403:21 1404:5	1237:6 1248:21		300ths 1296:16
1434:18 1452:8	<b>213</b> 1237:7	<b>289-8400</b> 1187:11	
1454:15	1238:19 1247:2	<b>29</b> 1392:21	<b>30th</b> 1425:21
2019-2020	<b>214</b> 1244:13	1445:22 1448:11	<b>31</b> 1189:15
1452:19	1248:5,17,21	<b>29.4</b> 1236:13	1234:17 1308:14,22
<b>202</b> 1186:5,16,20	1253:4,7 1254:8	1237:5	1300.14,22

	(	,	
1309:7,9	1260:5,13	1455:6,15	<b>5:18</b> 1475:21
1419:2,7	1291:20,22	1457:20	<b>50</b> 1233:2 1408:12
<b>33</b> 1364:20	1308:11,18,19	4A)-2	<b>500</b> 1186:15
1369:22 1370:8	1336:8,20 1386:8 1412:21	1302:4,7,8,12	<b>51</b> 1235:4
<b>34</b> 1188:18	1413:20 1420:14	1307:17	
1232:18,20	<b>40</b> 1189:4,11	1314:4,12 1316:5,10,13,21	<b>52</b> 1234:1
1363:12,14	1234:20,22	1317:12 1318:1	<b>53</b> 1233:8
<b>34.9</b> 1247:10	1365:20 1366:2	1319:3 1382:21	<b>54</b> 1232:6,15
<b>345</b> 1186:7	1370:21 1371:2	1388:12 1389:6	1259:2,12,14
<b>35</b> 1188:19	1381:2 1441:10	1394:20 1395:2	1296:5 1321:2
1233:3,5	1442:14	1399:21 1410:13	1464:9,10
1315:16	<b>407-4000</b> 1186:8	1426:9	<b>55</b> 1465:1
<b>35.9</b> 1247:5	<b>41</b> 1189:5	1433:8,13 1438:14	<b>587</b> 1417:16
1275:12	1235:6,8	1452:3,13	<b>59</b> 1419:1,13
<b>36</b> 1188:20	1368:22 1429:6	1465:9	,
1233:10,12	1430:1,2,5,6	<b>4D</b> 1189:10	6
1321:20 1322:7	1432:15	1362:14,17	<b>6</b> 1239:17 1251:20
1368:21	<b>4-12</b> 1234:11	<b>4E</b> 1297:18	1254:4 1256:4
<b>37</b> 1188:21	<b>4-13</b> 1233:3	1375:16	1266:7
1233:18,20	<b>42</b> 1189:6	4E)-1	1291:20,22 1292:4 1400:7
<b>38</b> 1189:2	1239:12,14	1297:14,16,18,2	
1234:4,6	1243:8	0 1298:5	<b>60</b> 1289:7
<b>39</b> 1189:3	1363:18,19		<b>6-1</b> 1273:15,19
1234:12,14	1368:9,16,17,19, 21 1369:1,3	5	<b>615</b> 1388:3,6
<b>39.6</b> 1247:6,10	1443:12	<b>5</b> 1235:13,15	<b>616</b> 1386:17
1275:15	<b>43</b> 1189:7	1236:9 1242:13	1387:6,19,20
<b>3D</b> 1189:9 1276:13	1267:6,8,11	1246:22	1388:6,18
1362:13,17	1363:12,14	1258:3,7,16 1273:9 1274:8	<b>618-5000</b> 1186:5
<b>3D)-1</b> 1189:9	1427:10	1275.9 1274.8	<b>626-6260</b> 1187:20
1362:14,17	<b>44</b> 1334:21	1292:9,12	<b>64</b> 1189:11
<b>3E</b> 1375:11 1464:4	<b>4-5</b> 1234:19	1293:20	1273:14,16
<b>3E)-1</b> 1375:12		1310:17,21	1365:21 1366:2
3rd 1190:3	<b>46</b> 1364:2,4	1312:2 1353:2	<b>6-5</b> 1235:5
1267:13 1268:21	<b>467-6370</b> 1186:20	1388:17 1400:4 1410:15 1411:14	<b>66</b> 1233:15
1207.10 1200.21	<b>46-page</b> 1363:19	1410:13 1411:14	1250:15
4	<b>48</b> 1455:9	1413:12,20	1259:13,14
4 1241:20 1251:21	1456:2,11	<b>5:15</b> 1469:13	1283:6
1254:4 1256:4	1457:22	1472:2	1284:6,20
1259:11	<b>49</b> 1234:9		1296:5,16

		<u> </u>	
1305:21 1318:8	1268:1,13,14	1284:5 1290:19	1407:3,14
1321:4 1403:21	1392:16 1415:18	<b>91</b> 1244:21	1415:1,9
1404:3	1464:4	1426:10	1423:17
<b>682-3500</b> 1187:16	<b>90</b> 1220.5 10	1420.10	1425:2,5 1443:7
082-3500 1187:10	<b>80</b> 1239:5,10	<b>92</b> 1404:6	1445:1 1446:20
<b>69</b> 1248:17	1243:7 1265:22	<b>9361</b> 1239:17	1453:1,19
1252:21 1270:3	1368:9	1240:5	1454:4,8
1351:15	<b>800</b> 1186:19	1240.5	1457:12 1459:1
	<b>81</b> 1267:4	1244.3,19	1473:18
7			
	1268:11,12	1267:13	above-captioned
7 1302:5,12	1290:4,9 1291:9	1268:10,20	1185:13
1314:4,13 1317:11 1318:1	<b>8-41</b> 1464:11	<b>963-5234</b> 1186:11	<b>Absent</b> 1311:12
1319:3	<b>86</b> 1249:2	<b>97</b> 1248:17 1253:4	absolutely 1307:9
1383:5,6,22	<b>87</b> 1347:1	1270:1 1346:22	1327:4 1355:11
1384:22 1388:17	<b>88</b> 1351:15	1352:7	1378:3
1390:22 1391:17		<b>99</b> 1289:13 1290:9	1397:7,13
1394:20	<b>89</b> 1289:20 1290:9	1291:5	1407:12,22
1399:3,21	1291:7		1411:7 1451:18
1400:7	<b>8th</b> 1373:6	9th 1366:14	
1403:11,22	1445:11	1373:6,7	acceleration
1404:15 1405:10	1472:5,10,11		1237:10 1238:16
1408:5 1409:22	1473:8,14	A	accept 1248:16
1410:7 1412:16	1474:12,19	<b>a.m</b> 1185:13	1249:1,11,20
1413:3,5	14/4.12,19	1475:20	1250:4
1414:11,12		abbreviations	1289:17,22
1420:14	9	1446:4	1290:5
1428:10,13	<b>9</b> 1246:17,21		aggantable
1433:11,15,17	1270:6,8 1273:8	<b>abide</b> 1378:6	acceptable
1433:11,13,17	1274:7 1275:10	ability 1201:4	1371:18,20
	1310:17,21	1319:2 1385:12	1372:8,14
<b>727-3071</b> 1186:16	1416:11 1417:11	able 1190:19	1443:19 1444:1
<b>76</b> 1189:12	<b>90</b> 1250:18		accepted 1304:1
1313:13 1314:3	1284:20 1286:20	1217:2,7	1439:4
1365:21 1366:2	1290:9	1221:17 1225:17	access 1425:2
<b>7-6</b> 1233:10	1291:13,15	1244:6 1246:14	
	1295:22 1305:21	1283:8 1295:3	acclimated
<b>77</b> 1189:12	1318:8	1296:18,21	1326:20
1312:19,22		1329:5 1332:3	accommodate
1314:3 1315:16	<b>901</b> 1186:4	1377:12,18	1300:15 1373:11
1365:21 1366:3	1187:15	1379:1,15	1473:14
	<b>90-day</b> 1312:13	1381:7,10,11	accomplish
8	1313:2	1384:11	1238:12
<b>8</b> 1253:13,20		1402:1,8	
1267:16,20	<b>90-minute</b> 1283:6	1404:14	according 1437:18
1207.10,20			

		,	
accordingly	1424:4,6,8	1244:6,20	address 1369:15
1260:3 1338:15	1431:7,11	1248:4	1376:12 1390:14
account 1275:19	1445:2 1446:20	1249:20,22	1412:3 1454:8
1325:21	1447:2 1453:20	1252:15,21	addressed 1374:7
	1454:1,4	1253:4 1254:8	
accountability	achieved 1270:13	1256:8 1300:4	addresses 1262:10
1207:18 1356:13	1272:11 1340:3	1321:18 1322:6	1273:3
accounting 1443:3	1349:6 1379:19	1344:13 1351:12	adequate 1462:1
accurate 1308:1	1394:13 1402:15	1401:19 1402:15	adhered 1319:22
1337:8 1403:13	1403:4 1417:4	1436:3,16	
1450:12 1456:18	1418:1	1449:1	adjourned
1458:19 1459:3		actually 1208:22	1475:22
1462:1 1464:19	achieving 1211:11 1212:12 1264:10	1217:21 1249:7	adjusted 1260:3
	1343:7 1378:12	1263:13 1272:21	adjustment
accurately 1247:7 1421:4	1343.71378.12	1292:14 1294:18	1263:10
	1383:14,17	1296:9 1299:5	1296:11,13
achievable	1383:14,17	1326:18 1336:20	1435:14
1261:13	1391:1,3 1394:5	1346:20 1353:12	
achieve 1210:18	1403:5,6	1363:16 1370:1	Administration
1237:13 1252:19	1403.3,0	1376:2 1378:14	1266:11
1253:2 1294:9		1380:1 1384:14	admission
1296:18,20,22	acknowledged	1391:16 1435:10	1194:12
1333:22 1334:4	1417:15	1438:21 1461:12	1230:12,19
1338:4,12	acquired 1212:18	1472:18	1364:19 1365:20
1377:12,18	1216:3	actuals 1436:8,12	1369:16
1378:5,8,9,20	acquisition	ŕ	admitted 1362:22
1379:1,15	1235:18 1236:4	add 1291:12	1365:22
1382:14	1340:6 1347:8	1362:3 1473:21	adopted 1240:7
1383:10,12	1361:20	added 1359:17	1343:11 1459:6
1384:9,12,19		1454:14	
1385:11,12	across 1197:3,5	adding 1406:14	advance 1292:15
1391:6	1205:21 1207:22 1208:1,15,21	<b>addition</b> 1270:13	1294:19
1393:14,22	1208.1,13,21	1272:10 1378:7	advantage 1272:5
1394:8,9,15	1224.16 1243.19	1383:16	1425:1
1396:21	1337:1,3,8	1391:7,9	affairs 1187:5
1397:3,5	1356:10 1406:4	1408:14 1445:5	1195:14 1199:22
1401:5,6	1450:15 1467:17		1205:3 1215:16
1403:17,19,21		additional	
1404:3,17	action 1476:12,16	1238:12	affect 1262:20
1406:6,22	activities 1402:22	1366:11,12	1263:4,20 1463:1
1407:18,20	1406:10 1423:15	1371:7 1376:3	
1408:17	1435:10 1441:22	1391:8 1400:16	affiliates 1460:21
1409:13,16	1445:6 1449:6	1430:17	afternoon 1190:15
1415:2,4,5,9	actual 1243:2	1448:5,6	1191:7 1320:16
L		ļļ	

		<u> </u>	
1322:18 1368:1	1282:3 1284:12	1206:10 1207:9	1476:10,11,12
1381:20,21	1285:9 1286:13	1436:2,20,21,22	among 1208:12
1428:5,7,8	1287:11 1288:13	1439:6	1227:10 1252:13
against 1342:14	1289:12 1293:18 1294:16 1297:4	allocations 1437:3	1426:10
aggregate 1311:8	1299:14,17	allow 1203:13	amongst 1323:11
1395:5 1401:11	1300:2,9 1302:1	1299:7 1316:2	amount 1238:15
aggressive	1304:6	1382:10,16	1356:13
1284:21	1305:7,10,15	1384:14,19	1357:5,15
1285:10,16	1309:4 1310:9	1407:18 1420:22	1377:16 1380:16
1286:6 1310:5	1312:18 1316:6	allowed 1214:16	1402:18 1425:6
1377:6,9	1317:16,21		1431:9 1442:11
<u> </u>	1319:7	<b>aloud</b> 1284:13	1444:22 1467:2
ago 1218:22	1320:8,14,21	already 1299:9	
1241:3 1377:6	1322:16 1338:22	1300:3 1303:13	amounts 1401:2
1381:2 1400:3	1363:21	1318:15 1332:20	1406:10 1409:5
1421:8 1449:18	1365:4,9	1348:18,20	1441:14 1454:5
<b>agreed</b> 1266:14	1369:2,17	1349:6 1357:13	analyses 1292:17
1301:13 1342:12	1415:19 1422:14	1374:7 1385:16	analysis 1226:20
1368:14 1418:5	1423:8 1456:21	1412:7,19	1261:22 1264:7
agreeing 1422:18	1457:2,4	1457:18 1464:6	1266:18 1272:18
agreement	1458:21	1473:7	1285:14
i goreemeni			
U	Alden's 1265:8	alternate 1366:19	1293:6,7 1324:6
1224:13,15	Alden's 1265:8		1293:6,7 1324:6 1338:3 1424:16
1224:13,15 1225:6,12	1430:13	<b>am</b> 1209:9	7
1224:13,15 1225:6,12 1329:11,12	1430:13 1456:14,22	<b>am</b> 1209:9 1218:1,19	1338:3 1424:16
1224:13,15 1225:6,12 1329:11,12 <b>ahead</b> 1255:20	1430:13 1456:14,22 1458:8,18,20	<b>am</b> 1209:9 1218:1,19 1220:12,13	1338:3 1424:16 1430:14 1432:22 1465:22 1466:11
1224:13,15 1225:6,12 1329:11,12 <b>ahead</b> 1255:20 1282:5 1312:5	1430:13 1456:14,22 1458:8,18,20 1459:2,5	<b>am</b> 1209:9 1218:1,19 1220:12,13 1235:20	1338:3 1424:16 1430:14 1432:22 1465:22 1466:11 analytics 1353:20
1224:13,15 1225:6,12 1329:11,12 <b>ahead</b> 1255:20 1282:5 1312:5 1396:1 1419:20	1430:13 1456:14,22 1458:8,18,20 1459:2,5 alignment	<b>am</b> 1209:9 1218:1,19 1220:12,13 1235:20 1240:8,17	1338:3 1424:16 1430:14 1432:22 1465:22 1466:11
1224:13,15 1225:6,12 1329:11,12 <b>ahead</b> 1255:20 1282:5 1312:5	1430:13 1456:14,22 1458:8,18,20 1459:2,5 <b>alignment</b> 1353:19	am 1209:9 1218:1,19 1220:12,13 1235:20 1240:8,17 1244:5,11	1338:3 1424:16 1430:14 1432:22 1465:22 1466:11 analytics 1353:20
1224:13,15 1225:6,12 1329:11,12 <b>ahead</b> 1255:20 1282:5 1312:5 1396:1 1419:20	1430:13 1456:14,22 1458:8,18,20 1459:2,5 alignment	am 1209:9 1218:1,19 1220:12,13 1235:20 1240:8,17 1244:5,11 1245:5	1338:3 1424:16 1430:14 1432:22 1465:22 1466:11 analytics 1353:20 and/or 1263:6 ANN 1185:17
1224:13,15 1225:6,12 1329:11,12 <b>ahead</b> 1255:20 1282:5 1312:5 1396:1 1419:20 1453:16	1430:13 1456:14,22 1458:8,18,20 1459:2,5 <b>alignment</b> 1353:19 <b>Allen</b> 1187:10	am 1209:9 1218:1,19 1220:12,13 1235:20 1240:8,17 1244:5,11 1245:5 1247:10,21	1338:3 1424:16 1430:14 1432:22 1465:22 1466:11 analytics 1353:20 and/or 1263:6 ANN 1185:17 announced
1224:13,15 1225:6,12 1329:11,12 <b>ahead</b> 1255:20 1282:5 1312:5 1396:1 1419:20 1453:16 <b>aid</b> 1224:10,21 1225:3	1430:13 1456:14,22 1458:8,18,20 1459:2,5 <b>alignment</b> 1353:19 <b>Allen</b> 1187:10 <b>allocate</b>	am 1209:9 1218:1,19 1220:12,13 1235:20 1240:8,17 1244:5,11 1245:5 1247:10,21 1248:4 1252:13	1338:3 1424:16 1430:14 1432:22 1465:22 1466:11 analytics 1353:20 and/or 1263:6 ANN 1185:17 announced 1445:12,13,15
1224:13,15 1225:6,12 1329:11,12 <b>ahead</b> 1255:20 1282:5 1312:5 1396:1 1419:20 1453:16 <b>aid</b> 1224:10,21 1225:3 <b>air</b> 1230:14	1430:13 1456:14,22 1458:8,18,20 1459:2,5 <b>alignment</b> 1353:19 <b>Allen</b> 1187:10 <b>allocate</b> 1436:3,7,8	am 1209:9 1218:1,19 1220:12,13 1235:20 1240:8,17 1244:5,11 1245:5 1247:10,21 1248:4 1252:13 1253:19 1254:10	1338:3 1424:16 1430:14 1432:22 1465:22 1466:11 analytics 1353:20 and/or 1263:6 ANN 1185:17 announced 1445:12,13,15 annual 1212:12
1224:13,15 1225:6,12 1329:11,12 ahead 1255:20 1282:5 1312:5 1396:1 1419:20 1453:16 aid 1224:10,21 1225:3 air 1230:14 Alden 1188:7	1430:13 1456:14,22 1458:8,18,20 1459:2,5 <b>alignment</b> 1353:19 <b>Allen</b> 1187:10 <b>allocate</b> 1436:3,7,8 <b>allocated</b> 1205:15	am 1209:9 1218:1,19 1220:12,13 1235:20 1240:8,17 1244:5,11 1245:5 1247:10,21 1248:4 1252:13 1253:19 1254:10 1256:10 1258:15	1338:3 1424:16 1430:14 1432:22 1465:22 1466:11 analytics 1353:20 and/or 1263:6 ANN 1185:17 announced 1445:12,13,15 annual 1212:12 1266:13,16,21
1224:13,15 1225:6,12 1329:11,12 <b>ahead</b> 1255:20 1282:5 1312:5 1396:1 1419:20 1453:16 <b>aid</b> 1224:10,21 1225:3 <b>air</b> 1230:14 <b>Alden</b> 1188:7 1191:9 1192:1,4	1430:13 1456:14,22 1458:8,18,20 1459:2,5 <b>alignment</b> 1353:19 <b>Allen</b> 1187:10 <b>allocate</b> 1436:3,7,8 <b>allocated</b> 1205:15 1206:5 1207:1,2	am 1209:9 1218:1,19 1220:12,13 1235:20 1240:8,17 1244:5,11 1245:5 1247:10,21 1248:4 1252:13 1253:19 1254:10	1338:3 1424:16 1430:14 1432:22 1465:22 1466:11 analytics 1353:20 and/or 1263:6 ANN 1185:17 announced 1445:12,13,15 annual 1212:12 1266:13,16,21 1268:22
1224:13,15 1225:6,12 1329:11,12 <b>ahead</b> 1255:20 1282:5 1312:5 1396:1 1419:20 1453:16 <b>aid</b> 1224:10,21 1225:3 <b>air</b> 1230:14 <b>Alden</b> 1188:7 1191:9 1192:1,4 1231:8,10,14,22	1430:13 1456:14,22 1458:8,18,20 1459:2,5 <b>alignment</b> 1353:19 <b>Allen</b> 1187:10 <b>allocate</b> 1436:3,7,8 <b>allocated</b> 1205:15 1206:5 1207:1,2 1208:11 1217:14	am 1209:9 1218:1,19 1220:12,13 1235:20 1240:8,17 1244:5,11 1245:5 1247:10,21 1248:4 1252:13 1253:19 1254:10 1256:10 1258:15 1259:1 1264:19	1338:3 1424:16 1430:14 1432:22 1465:22 1466:11 analytics 1353:20 and/or 1263:6 ANN 1185:17 announced 1445:12,13,15 annual 1212:12 1266:13,16,21 1268:22 1307:8,19
1224:13,15 1225:6,12 1329:11,12 <b>ahead</b> 1255:20 1282:5 1312:5 1396:1 1419:20 1453:16 <b>aid</b> 1224:10,21 1225:3 <b>air</b> 1230:14 <b>Alden</b> 1188:7 1191:9 1192:1,4 1231:8,10,14,22 1235:11	1430:13 1456:14,22 1458:8,18,20 1459:2,5 <b>alignment</b> 1353:19 <b>Allen</b> 1187:10 <b>allocate</b> 1436:3,7,8 <b>allocated</b> 1205:15 1206:5 1207:1,2 1208:11 1217:14 1327:11,21	am 1209:9 1218:1,19 1220:12,13 1235:20 1240:8,17 1244:5,11 1245:5 1247:10,21 1248:4 1252:13 1253:19 1254:10 1256:10 1258:15 1259:1 1264:19 1270:15	1338:3 1424:16 1430:14 1432:22 1465:22 1466:11 analytics 1353:20 and/or 1263:6 ANN 1185:17 announced 1445:12,13,15 annual 1212:12 1266:13,16,21 1268:22 1307:8,19 1382:14
1224:13,15 1225:6,12 1329:11,12 <b>ahead</b> 1255:20 1282:5 1312:5 1396:1 1419:20 1453:16 <b>aid</b> 1224:10,21 1225:3 <b>air</b> 1230:14 <b>Alden</b> 1188:7 1191:9 1192:1,4 1231:8,10,14,22 1235:11 1239:2,21	1430:13 1456:14,22 1458:8,18,20 1459:2,5 <b>alignment</b> 1353:19 <b>Allen</b> 1187:10 <b>allocate</b> 1436:3,7,8 <b>allocated</b> 1205:15 1206:5 1207:1,2 1208:11 1217:14 1327:11,21 1436:6,10,16	am 1209:9 1218:1,19 1220:12,13 1235:20 1240:8,17 1244:5,11 1245:5 1247:10,21 1248:4 1252:13 1253:19 1254:10 1256:10 1258:15 1259:1 1264:19 1270:15 1282:8,22	1338:3 1424:16 1430:14 1432:22 1465:22 1466:11 analytics 1353:20 and/or 1263:6 ANN 1185:17 announced 1445:12,13,15 annual 1212:12 1266:13,16,21 1268:22 1307:8,19 1382:14 1383:12,14
1224:13,15 1225:6,12 1329:11,12 <b>ahead</b> 1255:20 1282:5 1312:5 1396:1 1419:20 1453:16 <b>aid</b> 1224:10,21 1225:3 <b>air</b> 1230:14 <b>Alden</b> 1188:7 1191:9 1192:1,4 1231:8,10,14,22 1235:11 1239:2,21 1240:4,15	1430:13 1456:14,22 1458:8,18,20 1459:2,5 <b>alignment</b> 1353:19 <b>Allen</b> 1187:10 <b>allocate</b> 1436:3,7,8 <b>allocated</b> 1205:15 1206:5 1207:1,2 1208:11 1217:14 1327:11,21 1436:6,10,16 1437:18 1438:22	am 1209:9 1218:1,19 1220:12,13 1235:20 1240:8,17 1244:5,11 1245:5 1247:10,21 1248:4 1252:13 1253:19 1254:10 1256:10 1258:15 1259:1 1264:19 1270:15 1282:8,22 1302:17 1320:22	1338:3 1424:16 1430:14 1432:22 1465:22 1466:11 analytics 1353:20 and/or 1263:6 ANN 1185:17 announced 1445:12,13,15 annual 1212:12 1266:13,16,21 1268:22 1307:8,19 1382:14 1383:12,14 1384:15 1389:9
1224:13,15 1225:6,12 1329:11,12 <b>ahead</b> 1255:20 1282:5 1312:5 1396:1 1419:20 1453:16 <b>aid</b> 1224:10,21 1225:3 <b>air</b> 1230:14 <b>Alden</b> 1188:7 1191:9 1192:1,4 1231:8,10,14,22 1235:11 1239:2,21 1240:4,15 1258:14	1430:13 1456:14,22 1458:8,18,20 1459:2,5 <b>alignment</b> 1353:19 <b>Allen</b> 1187:10 <b>allocate</b> 1436:3,7,8 <b>allocated</b> 1205:15 1206:5 1207:1,2 1208:11 1217:14 1327:11,21 1436:6,10,16 1437:18 1438:22 1439:8,19	am 1209:9 1218:1,19 1220:12,13 1235:20 1240:8,17 1244:5,11 1245:5 1247:10,21 1248:4 1252:13 1253:19 1254:10 1256:10 1258:15 1259:1 1264:19 1270:15 1282:8,22 1302:17 1320:22 1379:7 1392:11	1338:3 1424:16 1430:14 1432:22 1465:22 1466:11 analytics 1353:20 and/or 1263:6 ANN 1185:17 announced 1445:12,13,15 annual 1212:12 1266:13,16,21 1268:22 1307:8,19 1382:14 1383:12,14 1384:15 1389:9 1417:16,20,21,2
1224:13,15 1225:6,12 1329:11,12 <b>ahead</b> 1255:20 1282:5 1312:5 1396:1 1419:20 1453:16 <b>aid</b> 1224:10,21 1225:3 <b>air</b> 1230:14 <b>Alden</b> 1188:7 1191:9 1192:1,4 1231:8,10,14,22 1235:11 1239:2,21 1240:4,15 1258:14 1266:2,9	1430:13 1456:14,22 1458:8,18,20 1459:2,5 <b>alignment</b> 1353:19 <b>Allen</b> 1187:10 <b>allocate</b> 1436:3,7,8 <b>allocated</b> 1205:15 1206:5 1207:1,2 1208:11 1217:14 1327:11,21 1436:6,10,16 1437:18 1438:22	am 1209:9 1218:1,19 1220:12,13 1235:20 1240:8,17 1244:5,11 1245:5 1247:10,21 1248:4 1252:13 1253:19 1254:10 1256:10 1258:15 1259:1 1264:19 1270:15 1282:8,22 1302:17 1320:22 1379:7 1392:11 1395:4 1403:8	1338:3 1424:16 1430:14 1432:22 1465:22 1466:11 analytics 1353:20 and/or 1263:6 ANN 1185:17 announced 1445:12,13,15 annual 1212:12 1266:13,16,21 1268:22 1307:8,19 1382:14 1383:12,14 1384:15 1389:9 1417:16,20,21,2 2 1439:2,5
1224:13,15 1225:6,12 1329:11,12 <b>ahead</b> 1255:20 1282:5 1312:5 1396:1 1419:20 1453:16 <b>aid</b> 1224:10,21 1225:3 <b>air</b> 1230:14 <b>Alden</b> 1188:7 1191:9 1192:1,4 1231:8,10,14,22 1235:11 1239:2,21 1240:4,15 1258:14 1266:2,9 1267:17	1430:13 1456:14,22 1458:8,18,20 1459:2,5 <b>alignment</b> 1353:19 <b>Allen</b> 1187:10 <b>allocate</b> 1436:3,7,8 <b>allocated</b> 1205:15 1206:5 1207:1,2 1208:11 1217:14 1327:11,21 1436:6,10,16 1437:18 1438:22 1439:8,19	am 1209:9 1218:1,19 1220:12,13 1235:20 1240:8,17 1244:5,11 1245:5 1247:10,21 1248:4 1252:13 1253:19 1254:10 1256:10 1258:15 1259:1 1264:19 1270:15 1282:8,22 1302:17 1320:22 1379:7 1392:11 1395:4 1403:8 1412:13 1428:16	1338:3 1424:16 1430:14 1432:22 1465:22 1466:11 analytics 1353:20 and/or 1263:6 ANN 1185:17 announced 1445:12,13,15 annual 1212:12 1266:13,16,21 1268:22 1307:8,19 1382:14 1383:12,14 1384:15 1389:9 1417:16,20,21,2 2 1439:2,5 1466:7
1224:13,15 1225:6,12 1329:11,12 <b>ahead</b> 1255:20 1282:5 1312:5 1396:1 1419:20 1453:16 <b>aid</b> 1224:10,21 1225:3 <b>air</b> 1230:14 <b>Alden</b> 1188:7 1191:9 1192:1,4 1231:8,10,14,22 1235:11 1239:2,21 1240:4,15 1258:14 1266:2,9	1430:13 1456:14,22 1458:8,18,20 1459:2,5  alignment 1353:19  Allen 1187:10  allocate 1436:3,7,8  allocated 1205:15 1206:5 1207:1,2 1208:11 1217:14 1327:11,21 1436:6,10,16 1437:18 1438:22 1439:8,19  allocating 1339:18	am 1209:9 1218:1,19 1220:12,13 1235:20 1240:8,17 1244:5,11 1245:5 1247:10,21 1248:4 1252:13 1253:19 1254:10 1256:10 1258:15 1259:1 1264:19 1270:15 1282:8,22 1302:17 1320:22 1379:7 1392:11 1395:4 1403:8 1412:13 1428:16 1429:14 1431:4	1338:3 1424:16 1430:14 1432:22 1465:22 1466:11 analytics 1353:20 and/or 1263:6 ANN 1185:17 announced 1445:12,13,15 annual 1212:12 1266:13,16,21 1268:22 1307:8,19 1382:14 1383:12,14 1384:15 1389:9 1417:16,20,21,2 2 1439:2,5

	ع ۲ ۵ ۰ ۰ ۰ ۰ ۰ ۰ ۰ ۰ ۰ ۰ ۰ ۰ ۰ ۰ ۰ ۰ ۰ ۰	) · · · · · · · · · · · · · · · · · · ·	
1380:21 1382:15	1198:7 1240:22	apparent 1413:4	1362:12,16
answer 1228:16	1259:8 1262:9	appear 1386:16	1368:14
1255:18 1257:16	1263:11 1345:10	1476:4	1371:2,19,21
1265:15,16	1358:5,7	14/0.4	1374:5
1276:20 1295:17	1385:21 1388:15	appearance	1375:1,7,11,16
1306:21 1314:1	1391:18,22	1190:16	1376:5,18
1320:3,6	1407:1,20	Appearances	1380:8 1382:21
1320.5,0	1411:1,9,14	1186:22 1187:1	1383:7 1384:3
1322.10 1329.13	1444:2 1449:9		1385:1,19
1340:1 1349:9	anyway 1468:21	appeared 1244:3	1388:11 1389:5
1353:11 1384:18		appears 1251:13	1391:1 1392:6
1389:16,18	anywhere 1355:4	1444:10	1393:14 1395:6
1393:12 1409:10	1439:10	appendix 1313:15	1398:19 1399:12
1420:10 1435:20	<b>AOBA</b> 1187:2	1316:14	1410:19 1426:11
1420.10 1433.20	1188:18,19,20,2		1429:6 1430:7
1442:2,5 1452:5	1	<b>apples</b> 1431:4,5	1433:9 1438:17
1457:10,11,13,1	1189:2,3,4,5,6,7	applicants 1186:2	1443:13 1455:6
9 1458:3 1459:2	1190:14,18	1188:17 1189:8	1459:15
1462:9 1464:15	1232:6,7,15,16,1	1192:12 1194:10	1464:4,11
	8,20	1230:19 1231:1	1465:8 1466:12
answered 1257:7	1233:2,3,5,8,12,	1232:5,6,16	1472:9
1265:18 1341:14	15,16,18,20	1233:2,9,16	application
1392:3 1409:19	1234:1,4,6,9,10,	1234:2,10,18	1185:4 1256:21
1412:7	12,14,17,20,22	1235:4 1242:15	1258:3,8,17
1415:11,15	1235:4,5,6,8	1250:11,15,18,2	1286:9 1313:16
1438:6 1454:22	1239:5,10,12,14	2 1251:8,14	1339:20 1460:5
answering 1369:2	1243:7,8	1252:1,9,19	
1376:7	1265:22	1253:2 1254:5	applied
answers 1264:12	1267:4,6,8,11	1256:5	1292:14,18
1342:21	1268:11,12	1259:4,9,17,18	1294:18 1295:15
	1359:17 1363:14	1260:8,19	1330:18 1331:10
ANTHONY	1368:9 1372:1	1261:5,16	1355:14 1356:14
1186:9	1376:17 1443:15	1262:1,11,13	1358:10 1378:19
anticipate 1327:2	1445:21 1448:10	1264:13,16,22	<b>applies</b> 1304:22
1454:14	1468:22	1265:3 1267:12	1305:2 1442:16
anticipated	<b>AOBA's</b> 1363:11	1268:10,19,21	apply 1328:13
1447:21 1466:14	1368:8	1270:6	1442:13
anybody 1301:7	apologize 1225:1	1273:14,18,20 1276:12 1297:14	appointed
1326:11	1300:7 1305:9	12/6:12 1297:14	1222:21
	1312:16	1301:3,13	-
<b>anymore</b> 1340:16	1316:7,10	1301:5,13	appreciate 1408:3
<b>anyone</b> 1197:13	1369:21 1392:20	*	approach
1260:18 1261:4	1398:22	· · · · · · · · · · · · · · · · · · ·	1287:8,9
anything 1190:18		1345:16 1349:4	1356:2,6,12
1260:18 1261:4		1317:7 1319:1,2 1321:1 1339:20	

Page 9

• ,	1412 11	1204 11 1207 11	1446 16 1440 15
appropriate 1214:13 1232:12	1413:11	1304:11 1306:11	1446:16 1448:15
1214:13 1232:12	arms 1321:15	1307:3 1328:17 1329:2 1330:16	attend 1278:15,17
1285:9,16	arriving 1225:17	1337:5 1338:12	attention 1218:13
1286:6 1304:13	articulate 1201:8	1401:9 1408:13	1350:3 1420:13
1306:22 1308:7	articulating	1453:6,11	attorney 1190:15
1336:22 1369:9	1389:6,8	1467:3	1193:18 1301:6
1397:12 1433:5	,	assume 1207:2	1369:4,7
approval 1185:6	aside 1357:22 1365:2	1208:4 1220:4	1476:13
1195:17 1202:22		1338:6 1345:8	attorneys 1373:1
1353:9	aspect 1436:18	1405:8 1418:16	attributable
approved 1194:22	1440:4	1442:17	1238:6 1271:11
1344:15	aspects 1264:5	assuming 1220:12	1286:8 1295:6,9
1414:4,17,21	1330:14 1334:21	1236:21 1237:2	attribute 1275:10
1423:4,6	1460:15 1462:11	1249:17 1275:3	1286:21 1287:1
1425:20 1427:7	aspire 1338:12	1296:19 1306:19	
1436:20 1437:3	1342:10	1341:12 1372:22	attributed
approximately	assert 1247:2	assumption	1321:12
1275:1 1278:12	asserts 1402:3	1208:12 1240:11	<b>auction</b> 1463:15
1279:10 1364:5		1331:7	auctions 1463:22
<b>April</b> 1185:10	assessment	assurance 1196:6	audits 1357:14
1190:3	1260:19 1261:5,17	asterisk 1304:17	August 1344:13
1228:10,13	1263:1 1466:13		
1229:22 1347:9		astray 1369:20	authenticate 1365:10
1366:14,16,18	assign 1283:2	attached 1258:7	
1371:13,16 1387:15,17	assigned 1436:11	1400:13	authority 1201:4
1472:6,19	1449:2 1473:10	attachment	AUTHORIZATI
ĺ	assigning 1207:18	1401:16	<b>ON</b> 1185:6
area 1224:7,16 1225:8	assist 1326:17,19	1443:15,21 1445:21 1448:11	<b>authors</b> 1455:13
1280:2,7,13	assistance 1224:22		automated
1281:4,21	1225:1,6,11,16	attachments	1446:12
1356:4,8 1358:8	1226:19,22	1232:8,17	automatically
1413:14 1426:19	1353:18	<b>attain</b> 1306:15	1378:18 1384:8
1435:5 1439:15	assisting 1225:15	1307:18 1342:10	1394:9
1462:9,12	1226:1	attaining 1305:20	automation
areas 1336:9	associate 1265:4	attainment	1446:7 1447:9
1356:10	1271:13	1452:20 1456:12	
aren't 1355:13,14	associated	1458:7	availability 1472:17
1413:1	1207:10 1219:6	attempt 1389:2	
argue 1406:11	1264:22 1272:15	1416:13 1424:8	available 1194:14 1248:6
	1273:1 1292:17	attempting	1248.6
<b>argument</b> 1287:19			1230.17,17

(866) 448 - DEPO

	1 46	· · · · · · · · · · · · · · · · · · ·	
1257:20 1300:19	averaging	basically 1429:1	1187:2,8,12,17
1366:14 1373:3	1382:11,17	1446:19	1260:19 1261:5
1380:16 1381:14	aware 1211:12,21	<b>basis</b> 1196:12	1269:14 1381:22
1472:5 1473:19	1225:8 1227:13	1212:12 1218:7	1428:7
1474:1,10,16	1240:6 1268:19	1254:6 1256:6	<b>behind</b> 1269:18
<b>Avenue</b> 1186:4,7	1357:12,17	1259:2 1272:5	
1187:10	1379:8 1424:12	1280:4 1286:6	<b>belabor</b> 1290:19
	1425:11 1437:9	1291:17 1296:18	believe 1199:5
average 1236:11,19	1463:17	1305:22 1307:12	1208:14 1213:19
1230.11,19		1318:9 1323:12	1222:16,17
1237.3	В	1383:19 1390:18	1225:4
1247:1,3,20	background	1408:12 1415:1	1228:3,13
1247:1,5,20	1230:14 1323:1	1449:10	1235:3
1248.20		1466:7,8,14	1236:17,18
21	backtrack 1349:5	<b>BAT</b> 1280:8	1241:7
1250:2,10,14,17	<b>back-up</b> 1288:11		1245:7,8,15,16,2
1252:19 1253:3	balance 1325:7	<b>bated</b> 1196:7	1 1246:4 1249:7
1259:2 1274:20		bear 1435:13	1255:6,15
1275:8	ballpark 1206:15	bears 1297:20	1261:15 1262:15
1287:18,20	<b>Baltimore</b> 1191:14	1445:19 1448:9	1265:12,17 1271:9 1276:5
1290:9,20	1194:5		1277:22 1278:4
1291:17 1303:8	1326:11,19	became 1197:20	1281:19 1286:19
1305:17,22	1339:4 1346:12	1198:12,16 1215:11,14	1287:17,22
1306:12 1307:12	bar 1211:8	1217:3,5	1289:15 1295:16
1318:9 1321:10	<b>base</b> 1200:17	1217.3,3	1297:18 1298:8
1322:5	1208:15,22	1256:16,19	1299:19 1300:14
1378:13,20	1463:15	1339:12 1344:4	1303:16
1383:18		1347:17	1304:12,15
1384:3,19	based 1261:13		1309:15 1316:22
1391:3 1393:22	1263:10 1267:1	become 1340:20	1327:10 1329:4
1400:9	1284:8 1294:10	1341:2 1454:1	1330:19 1332:7
1401:5,14	1295:3,14	becoming 1191:3	1333:20,22
1402:6,8	1296:10 1349:3 1397:10 1405:14	<b>begin</b> 1195:1	1335:20
1403:10,13	1436:1 1439:7	1202:17 1231:17	1347:8,16
1404:12	1430.1 1439.7	beginning 1202:17	1349:20
1405:8,21 1406:2	1446:20,22	1304:5 1312:9	1354:7,11,15
1406:2	1462:18 1466:20	1339:8 1343:3	1356:4,6
1410:2,8,10	1467:5	1377:10 1379:14	1362:21 1363:2
1438:19 1449:5		1414:12 1451:10	1364:1 1365:3
1466:8	<b>baseline</b> 1272:15	1469:20	1368:7 1371:9
	1317:8		1381:2
averages 1248:8	<b>basic</b> 1271:22	begins 1388:1	1385:8,18
1311:6 1321:21	1466:10	<b>behalf</b> 1186:2,12	1390:3,18
			1392:17,21

D	11
Page	11
- 45C	

1400:19 1412:2	1209:8 1218:15	1350:3,13,21	<b>bids</b> 1463:10
1414:16 1415:7	1286:9,22	1351:14,17	bigger 1379:21
1417:2 1419:2	1287:2	1352:10	<b>Bill</b> 1369:7
1421:16,21	1292:8,14,18	1359:6,16	
1422:18	1293:8,14	BG&E's 1200:9	billing
1423:2,11	1294:8,18	1240:9 1426:22	1333:4,5,9,12,15
1425:13,17	1328:13 1342:17	<b>BGE</b> 1194:5	1334:19,20
1426:1 1427:8	1353:1,7	1198:13,17	<b>billion</b> 1271:2
1434:7 1439:20	1360:18 1385:11	1199:9,17	<b>bit</b> 1193:10 1195:2
1440:12,20 1443:8 1450:5	1418:1,12 1424:20 1455:21	1202:4,5,11,12,1	1201:12 1272:7
1456:17 1458:4		4,16,20	1283:12 1302:19
1450.17 1458.4	<b>bet</b> 1319:19	1203:2,18	1305:5 1331:14
1475:9	<b>Beta</b> 1245:9,17,21	1206:4 1207:11	1355:7,20
	1360:9,14	1209:10	1380:4 1392:11
believes 1356:7	1361:2,8	1210:8,22	1461:17
1391:19	<b>better</b> 1218:10	1215:16 1216:18	blank 1309:3
bench 1335:10	1265:12 1271:16	1217:3,8,20	
1362:4 1422:19	1205.12 1271.10	1219:2,6,9	<b>blurry</b> 1303:1
benchmark	1296:16 1313:19	1220:14	board
1310:4 1342:8	1322:9,10	1221:2,12	1222:1,2,7,9,11,
	1350:6,15	1222:1,2,6,8	20
benchmarkable	1356:3 1360:19	1223:10 1224:9	1223:6,8,10,13
1336:1	1378:15 1394:6	1225:10,15	1385:8
benchmarks	1400:21 1407:16	1226:6 1228:5	<b>Bockius</b> 1186:10
1310:5 1338:11	1417:13	1235:17	
benefit 1238:15	1418:12,14	1236:7,12	<b>body</b> 1212:6
1266:17	1451:6	1237:6,13	Boggs 1187:18
1272:18,19		1238:7,8,11,19	<b>book</b> 1239:4
1273:1 1327:19	<b>BETTY</b> 1185:17	1240:17,18	1336:2
1328:7,10,15,17,	<b>beyond</b> 1265:7	1242:10	
20 1359:13	1347:13,20	1244:7,12,20,21	<b>bottom</b> 1302:17
1393:17 1467:22	1387:9 1389:12	1245:3 1277:22	1353:10 1388:2
benefits 1294:9	1395:11,17	1329:20	1394:22 1420:15
1348:5,6 1352:3	1411:1 1412:19	1330:12,22	1446:5 1448:4,9
1348.3,6 1332.3	1430:18 1461:6	1331:1,9 1332:1	bottoms-up
1361:18,20	<b>BG&amp;E</b> 1200:7	1335:14	1283:15
1407:15 1423:20	1202:4 1207:2	1339:10,11	<b>bounds</b> 1462:5
1466:1	1212:14,21	1347:8 1360:17	
1467:1,12,13	1215:1,13	<b>BGE's</b> 1199:3	break 1291:4
1468:4	1216:2 1226:19	1216:6 1219:9	1299:6,17,20
	1227:22	1235:17 1243:2	1300:16 1342:15 1364:13 1365:17
best 1198:15	1326:11,13,16	<b>bidder</b> 1463:9	1366:8 1368:7
1200:21 1206:22	1339:2		1372:7 1435:7
1208:9,16,19	1340:15,16	bidding 1463:4	13/4./ 1733./

	<u></u>		
1468:12 1470:5	1452:14,18,21	1281:3 1295:15	calculations
breakdown	budgetary	1319:8 1323:14	1285:22
1446:1 1448:12	1303:22 1438:18	1324:7,20	Caldwell 1290:18
	1440:18	1326:3,6	
breath 1196:8		1328:13,14,21	<b>calendar</b> 1236:5,6
<b>brief</b> 1267:12	budgeted	1334:21	<b>Calvin</b> 1188:3
1268:10,20	1264:15,19	1336:6,9	1191:10 1192:21
1376:6	1265:2,11 1394:18 1406:5	1338:10,13,17	1194:1
briefing 1475:9	1409:8 1436:9	1356:4,10,19,21	cap 1404:14
<b>briefly</b> 1190:14	1441:13	1357:11 1366:22	1405:6 1407:8
· ·		businesses 1198:5	1431:9
<b>bring</b> 1192:12	budgeting	1336:15,21	aanaaity 1462:14
1226:1 1355:3	1201:13,20	<b>busted</b> 1404:14	capacity 1463:14
<b>broad</b> 1281:21	1202:13 1209:21		<b>CapEx</b> 1443:4
broader	1435:16	Butler 1188:3	1452:18 1454:14
1208:15,21	<b>budgets</b> 1210:2,5	1191:10,18	<b>capital</b> 1203:10
, in the second	1262:4 1285:4	1192:18,21	1262:4 1264:20
<b>broken</b> 1191:12	1297:8 1304:18	1193:4,6,21	1265:2 1285:3,4
brought	1305:16	1194:1,8,16	1297:7 1302:21
1198:17,19	1306:3,14	1229:2,6 1231:3	1303:6,11,12
1407:15 1445:6	1307:15,16,17	1238:13	1305:1 1311:8
<b>Brunet</b> 1185:21	1308:5 1338:14	1339:5,14	1379:2,10,13
1476:2,19	1379:2,3 1380:7	1347:16	1380:7
ŕ	1396:5 1401:13	<b>Butler's</b> 1194:13	1395:5,19,20
<b>budges</b> 1262:11	1432:5 1433:2	1230:20	1400:14 1401:12
<b>budget</b> 1202:16	1445:4 1452:2		1406:21 1430:18
1219:9 1220:14	1454:15	C	1434:10,14,17
1285:3 1296:22	<b>build</b> 1212:20	<b>cables</b> 1354:1	1440:6,16,19
1300:4 1303:3,6			1441:7,16,18
1304:6,11	<b>building</b> 1187:14 1230:15 1326:8	cabling 1358:17	1442:7
1380:13 1381:3		<b>CAIDI</b> 1211:6,19	1452:2,13
1394:17 1395:8	<b>built</b> 1337:11,18	1236:15 1242:7	capitalized
1397:1,17	1461:22	1243:2 1346:4,8	1354:4,13
1399:18 1400:14	<b>bullet</b> 1292:9	calculate	ŕ
1401:8,10	1293:19 1448:3	1246:8,10	<b>capture</b> 1417:19
1402:18 1406:18	<b>bump</b> 1470:15	calculated	captured 1337:21
1408:15,20	•	1244:22 1245:15	CARA 1187:13
1410:10 1430:15	business	1244.22 1243.13	care 1371:16
1431:19,22	1197:2,6,9	1271:18 1272:17	
1432:17 1433:3	1198:1 1201:5	1311:6 1466:19	career 1319:13,22
1434:2,6,9,15,18	1205:5,9,15,20,2		careful 1246:6
,20 1435:3,10,18	1 1206:6 1209:5	calculation	carried 1283:11
1436:1 1437:17	1218:2 1264:5	1245:1,8	
1438:14,21	1280:2,7,13	1249:19 1360:2	<b>carries</b> 1420:10

	Pag	e 13	
carry 1440:18 case 1185:5 1190:4 1201:9 1208:6 1210:17 1226:7,11,12 1239:17 1240:5 1244:5,18 1245:11 1266:10,15 1267:13 1268:20 1271:9 1304:2 1306:17 1312:14 1313:2,18 1378:19 1397:16,20 1405:15 1419:11 1423:5 1425:9 1436:6,15 1439:8 cases 1229:21	1217:22 1221:5 1223:4 1225:10 1339:9 1347:17 1426:22  CEOs 1203:4 1336:4  certain 1212:20 1216:16,17  certainly 1238:9 1261:11 1359:11 1362:5 1452:19  certainty 1389:6,8 1424:3  CERTIFICATE 1476:1  Certified 1476:2,20 certify 1476:3,8	1221:1,14,18,21 1222:4,6,10,14,1 8,20 1223:2,12,15,16, 18,21 1224:2,5,9,12,17 ,20 1225:2 1226:5,9,14,16 1228:22 1229:3,14 1230:3,5,7,9,13, 21 1231:3,7,14,19 1232:19 1233:4,11,19 1234:5,13,21 1235:7 1239:13 1255:20 1256:15 1257:3,9,11 1265:14 1267:7 1269:8 1297:21	1352:4,12,16,18, 22 1353:15 1354:12,17,21 1355:8 1356:20 1357:1,12,19 1358:12,16,21 1359:3 1362:7,10,15,19 1363:1,5,13 1364:9,12,16,21 1365:14,22 1366:4,7 1367:2 1368:3,6 1369:10,18 1370:10 1371:4,13,15,20 1372:1,5,9,17,19 ,22 1373:18 1374:2,6 1381:15 1387:12,15,17,2
cases 1229:21 1241:8,16 1342:9 1380:14	certify 1476:3,8 cetera 1216:20 1287:8,10		
1402:20 1436:22 catastrophic	1344:3 <b>chain</b> 1204:1	1300:6,8,12,20 1301:1,11,17,19	1411:13,17,19 1412:7,11
1409:3	1353:17 1356:21	1314:15	1413:7,11
catch 1399:1 1470:17	<b>chair</b> 1223:5,7 1269:10 1300:1	1315:7,12,15,19 1316:1 1320:10,15	1415:14 1419:3,6,20 1427:19 1429:22
category 1221:4 1442:20	1359:5 1370:18 1428:2 1429:21 1468:11	1322:17 1338:22 1339:17	1430:2,5,8 1438:5,8 1444:4
causality 1285:8	<b>chairman</b> 1185:17	1340:2,9,12,15 1341:5,8,16,21	1455:1 1457:11 1459:1,8 1462:7
cause 1374:21 1375:3	1190:2,13,21 1191:19	1342:1,15,20 1343:16,20	1468:14,18,20 1469:5,8,11,19
caused 1295:7	1192:3,6,14,16	1344:6,11,18	1470:8,10,14,18,
caveat 1301:12 1432:5	1193:3,11,14,17 1194:15 1204:11,14	1345:3,9,14,21 1346:1,7,10,16 1347:3,6,11,16,1	21 1471:1,7,12,18,2 1
centers 1341:13	1216:1,5,6,10,15	9,22	1472:1,7,11,14,2
CEO 1198:22 1200:12 1203:8,19 1208:17 1209:16	,22 1217:2,6,7,11,19 1218:16 1219:5,8,12,16,2	1348:2,7,9,17 1349:2,15 1350:2,5,9,11,15 ,17,20	1 1473:3,5,12,15,1 6,17,20 1474:2,11,14,18
1215:2,4,11	1 1220:2,6	1351:3,6,8,22	

	U		
1475:10,17	<b>chart</b> 1245:2 1246:2,13	Clan 1270:21	<b>cognizant</b> 1218:1 1227:18
Chair's 1370:22 Chairwoman 1320:17 1322:15	1335:2,9 1350:5 1359:16 1360:15 1361:1 1440:5	clarification 1398:21 1408:2 clarifications 1216:2	collaboration 1207:22 colleagues
challenging 1287:6 1377:21 chance 1372:2	1446:5 1465:11 <b>check</b> 1237:2 1245:9 1246:4	clarified 1359:21	1203:1,14 collection 1302:9
1472:16	1248:16 1249:1	<b>clarify</b> 1219:5 1475:17	<b>color</b> 1282:4
Chang 1376:17 change 1222:11 1254:18 1262:6,13 1295:5 1300:10 1317:9	1289:18 1343:17,21 1344:7 1472:16 1473:6,9 <b>Chicago</b> 1205:3 1319:14,17	clarity 1475:15 clear 1200:13 1201:7,22 1213:6 1214:5,14 1216:14 1217:20	Columbia 1185:2,14 1250:12 1262:22 1313:17 1393:17 1436:11,13 1439:19 1450:16
1318:11,15,21 1319:1 1321:17 1373:11 1380:4 1381:11 1388:15 1389:3 1414:3	1325:2,4,18 <b>chief</b> 1194:4 1198:5,8 1203:4,22 1206:3 1208:18	1221:12 1247:14 1288:19 1339:6 1343:5 1348:1 1368:11 1404:20,21	<b>column</b> 1309:9 <b>COMAR</b> 1245:1,16 1360:6 1361:1,8
1451:17 1459:11,13 1469:16 1474:7	1209:10,13 1339:11 <b>choose</b> 1463:9	1406:22 1414:22 1430:16 clearance 1427:14	combination 1237:8 1292:16 1294:20 1450:17
changed 1222:12 1260:4 changes 1198:15 1235:16 1262:10,16,19	chose 1215:9 1385:19,20 1390:6 Chris 1223:5	clearly 1241:2 1334:2 1377:9 1378:1 1380:20 1381:9 1388:20 1391:5 1403:1	combined 1248:2 1407:17 1435:4 ComEd 1202:21 1242:11 1277:22 1325:2,4
1274:14 1301:3 1311:12,16 1318:1 1381:9 1396:9 1437:1	chunk 1303:18 circuit 1446:13,14 circumstances 1405:18	client 1454:7 climatologically 1346:14	comes 1190:19 1200:18 1201:12 1206:10 1354:11 1355:15 1378:17
changing 1263:10 1389:1 1451:19 characterization	cite 1244:6 cited 1247:17	close 1208:18 1293:1 1303:15 1331:16	1396:12 1444:2 <b>comfort</b> 1283:5 1452:4 1453:1
1241:7 <b>characterize</b> 1335:22 1353:4	1309:3 1335:15 city 1319:17 1396:12	closed 1197:16 1198:8 closer 1346:16	comfortable 1199:8
characterized 1422:14	<b>claim</b> 1237:4 <b>claiming</b> 1285:11	closest 1286:10 co-author 1457:5	coming 1231:4 1265:9 1283:21 1371:10 1389:2
<b>charge</b> 1220:14	<b>claims</b> 1380:6	<b>coded</b> 1441:20	1411:7 1432:12

	1 age		1
comment 1359:6	1192:14,15	2 1361:9,13,16	1309:16
1380:12 1386:20	1193:5,8	1398:4,13	1310:15,22
1426:16	1194:17,18	1419:12,15	1312:3 1316:20
	1195:22 1199:20	1429:16,20	1317:11,22
comments 1344:2	1200:3,6	1469:21,22	1319:2 1321:1,4
1377:2	1201:11,15	ŕ	1376:19
commission	1202:1,7,9,10	Commissioners	1378:9,11,22
1185:1,14	1203:12,16	1191:16,21	1379:12 1380:6
1191:11,12	1204:9,11,13,15,	Commission's	1383:6,7,9,15,16
1192:9	21,22	1251:1,9,15	,22
1195:9,11	1205:4,11,14,18	1275:21 1285:13	1384:2,6,21,22
1210:7,17	1206:3,14,19	1288:7,9	1385:4,9,12
1211:5,10	1207:7,12	1289:4,6,12,20	1386:9,15
1212:11	1207.7,12	1290:22 1307:6	1387:3
1213:3,7,9	1209:2,12,19,20	1376:10 1377:1	1388:11,22
1218:6	1210:1,22	1379:5,9	1389:7,9
1229:12,14,16	1210.1,22	1430:16 1432:18	1390:22
1238:18 1240:7	1211:13,22	1449:20	
1244:4 1245:13	,		1391:1,8,18,22
1248:19 1249:4	1213:2,11,15,18	commit	1392:1,4
1254:18 1257:8	1214:1,10,22	1250:11,15,18	1393:14,21
1259:7 1269:22	1215:12,17,20,2	1252:2,19	1394:3,10,14,15,
1288:14 1301:6	2 1226:18	1253:2 1259:5	20 1395:7,13
1304:1 1307:22	1227:9,22	1262:2,3	1396:3 1397:1
1315:21 1341:17	1228:4,8,15,18,2	1266:16 1268:22	1399:5,11,13,15,
1343:9,11	1 1257:6,10,12	1283:12 1311:5	19,21
1344:1,15,21	1322:17,18	1407:18 1409:7	1400:3,4,5,6,12,
1345:6 1357:13	1323:13,17,20,2	commitment	16 1401:9,10
1369:20	2 1324:3,10,19	1196:22	1402:4
1373:15,17,18	1325:3,15,17,20	1197:7,8,15	1403:3,10,22
1375:15,17,18	1326:4,10	1199:15,16	1404:15,21
1375:13,22	1327:1,7,17	1215:1 1223:9	1405:10,17,19
1370.4 1377.3	1328:2,5,22	1248:9	1406:5,14
1385:7,13	1329:6,9,15,19	1251:1,9,14	1407:5
1388:17 1396:8	1330:1,5,11	1258:11,13,16	1408:4,15
1397:8 1402:1	1331:1,4,7,21	1259:1,12,17,20,	1409:22
1404:6 1407:3	1332:2,5,10,14	22 1260:3,4	1410:7,14
1404.6 1407.3	1333:3,8,14,17	1265:11 1273:2	1411:4
	1334:3,6,18	1285:2 1287:16	1412:6,14,16,17,
1466:21	1335:1,4,7,13	1290:2,11,20	20 1413:5
Commission-	1336:11,17	1291:16 1296:15	1414:3
approved	1337:13	1302:13 1304:8	1431:9,11,22
1421:2	1338:1,16,21	1305:5,16,20	1433:17
Commissioner	1339:18 1341:9	1306:4,6,10	1434:9,12,22
1185:18,19	1359:1,2,15	1307:3,11,21	1435:15,18
1100.10,17	1360:4,8,11,13,2		1436:9,17,18

1.425.12.1.420.10	1460.00	1255.21	1466 10 1460 0
1437:12 1438:18	1460:22	1357:21	1466:12 1468:3
1439:3,10,14	committing	1358:6,13	1470:6
1440:1 1445:17	1266:12	1362:8 1374:16	completely 1408:7
1465:8	1384:14,21	1377:1 1401:22	
commitments	1385:1 1392:6	1402:2 1403:21	completeness
1196:4,5,11,16,2	1394:6 1399:18	1407:16 1411:6	1388:1
0 1197:4,20	1400:15	1420:20,21	completing
1198:4 1199:6	1401:12,14	company's	1416:3,6
1252:9	1409:7 1434:12	1345:12	<b>complex</b> 1451:15
1253:8,21	1435:16 1453:19		-
1254:5 1256:5		comparable	compliance
1258:18 1259:10	<b>common</b> 1246:7	1245:12	1197:22
1260:22	1353:18	comparative	1198:6,9 1255:8
1260.22	commonly	1293:6	1285:13 1296:1
1261:8,19	1356:21	20mm ama 1245.10	1306:15
1264:3,6,10,14,1		compare 1245:18 1248:9	1382:12,17
6 1265:1,5	communicate	1248.9	1383:14 1384:1
1268:5 1270:12	1301:5 1475:1	<b>compared</b> 1249:14	1420:6 1453:2
	communicated	1250:1 1287:9	complication
1271:12 1272:10 1274:15 1283:21	1365:8	1328:19 1342:8	1404:19
	communicating	1399:7 1423:12	
1285:1,11,18	1196:12	1436:12	complied 1385:21
1286:8 1294:9		comparing	<b>complies</b> 1382:13
1302:10 1303:8	community	1250:20 1251:6	<b>comply</b> 1288:7
1314:13 1377:22	1194:20 1195:16	1321:20 1431:4	1385:7 1387:4
1382:22 1385:15	1199:16 1218:19		1390:12
1386:5	1388:16	comparison	1390.12
1389:15,20	companies	1217:17 1218:13	1399:18 1405:9
1391:21 1402:12	1208:12 1214:11	1220:8 1246:11	1421:2
1407:21 1410:19	1292:16 1294:20	1286:11	
1411:10 1426:10	1331:5,20	comparisons	complying 1390:4
1428:22	1340:18 1424:22	1337:8	component
1431:3,16	1425:3,5		1324:16 1346:3
1433:9	company 1185:5	competitive 1218:8	1434:11 1449:22
commits 1247:4	1190:6,7 1194:6		
committed	1190.6,71194.6	complements	components
1294:10	1201:16 1205:6	1391:10	1356:11
1295:2,12	1201:16 1203:6	complete	composition
1293.2,12	1206:6 1212:3	1237:16,18,19	1222:10
1413:21	1217:15 1220:9	1238:2 1434:16	computerized
1413.21			1476:7
1414.7,9	1226:10,21	completed	
· ·	1323:15 1324:21	1220:21 1236:5	<b>concept</b> 1405:22
committee	1328:20 1336:4	1312:6,10	concern 1194:20
1214:6,17	1340:4,8,12	1339:16 1348:5	1196:4 1365:15
	1342:5 1345:6		

	1 46		
1377:14,21	1313:20 1412:22	1400:2 1450:16	<b>contend</b> 1459:6
1379:17	1472:19 1473:18	consolidated	<b>content</b> 1365:12
1451:5,14	confirmation	1380:21	<b>contents</b> 1443:21
concerning 1443:20	1372:8	1381:1,12 1402:17 1430:19	context 1195:13
	confirmed	1402.17 1430.19	contingencies
concerns 1195:21 1386:3,7	1472:19 1473:3	1443:9	1310:15,22
1388:21 1390:16	<b>confirming</b> 1269:21 1474:3	Constellation	1311:11 1318:10
1406:16 1407:6		1195:13	contingency
1415:1 1425:14	conflict 1212:21	1216:9,10,11,16,	1307:3 1311:20
conclude 1218:20	conformed	19 1217:4,5,21	1318:7
1219:1	1194:11 1235:12,16,22	1219:13,14 1220:1,2,3	contingent 1276:8
concludes 1269:4	1235:12,10,22	1236:4	1312:4 1431:18
1358:21	1242:14 1244:10	constrained	continue 1215:6
conclusion	1246:18 1248:6	1307:21 1308:2	1245:22 1305:4
1194:12 1196:10	1253:13,14,20	construct 1289:5	1372:13 1377:20,21
1215:7 1413:8	1258:19 1298:19 1375:22	construction	1386:5 1389:7
conclusions		1271:1 1312:22	1423:22
1279:17	confront 1454:7	1313:14	1424:1,9,10
conditioning 1230:14	<b>confuse</b> 1334:10	1316:14,19	1425:7 1428:20
	<b>confused</b> 1332:16	1317:6,9	1431:2,15
conduct 1462:2	1431:13	1318:2,11,16,22 1319:12,21	<b>continued</b> 1186:22 1187:1 1188:22
<b>confer</b> 1472:9	<b>confusion</b> 1243:11	1319.12,21	1187:1 1188:22
conferred 1473:22	1300:7 1337:9 1369:21 1381:6	1467:19	<b>continues</b> 1246:21
confidence 1253:7		consultant	1310:3 1377:14
1283:12 1294:7	connected 1199:6	1357:21	continuing 1242:5
1295:3 1296:21	<b>consider</b> 1237:19 1334:18 1335:10	1358:4,8	1251:21
confident 1259:18	1353:7 1354:22	consummated	continuous
1428:17,20 1431:1,15	1449:19	1228:14 1240:20	1420:22 1423:6
confidential	considerations	1401:1 1415:8 1424:14,15	continuously
1232:11,13,17	1252:14 1254:11	consummation	1423:16
1443:14,20	1256:11 1257:18	1229:22	<b>contours</b> 1391:15
1445:20 1448:10	considered	1241:4,17	contract 1319:15
configurations	1253:10 1329:10	<b>contact</b> 1301:9	contributed
1450:19	1339:21 1395:12	contained 1336:2	1240:9 1451:11
<b>confirm</b> 1255:18	<b>consist</b> 1203:21		control 1238:8
1270:21 1273:17	<b>consistent</b> 1246:13	contemplates 1448:16	1296:14 1306:20
1290:8 1312:21	1341:10 1388:19	1110.10	1311:22 1395:18

	1 ag	-	
1460:21	1248:3,4,9,10,18	1399:5,22	1452:22
controlling	1251:17,18	1400:9 1405:15	1463:1,5,7,10
1227:19	1252:3,5,13,22	1408:11 1410:17	cost-competitive
	1254:1,2,10	1419:3 1427:3	1218:4
controls 1358:9	1256:10 1259:1	1428:14 1429:13	
1461:3	1260:16	1433:18,19	<b>costing</b> 1306:14
convenience	1264:18,19	1435:4	costs 1206:16
1192:13	1266:18,19	1440:11,12	1208:16,22
conversations	1270:3,9	1441:2 1445:13	1216:18
1214:16	1271:8,21	1447:3 1450:3	1217:8,14,15,18
	1274:10,11,17	1455:15,16,17,2	1218:1,7
conversion	1275:6,16,17	0 1458:9	1219:2,6,9,17,18
1288:17	1276:1,5	1459:22 1470:13	1220:7,10
1361:6,7 1362:3	1277:21 1284:10	1471:11 1476:9	1221:2,4,8
convert 1288:20	1285:6,20	correction 1317:1	1226:6,9,12
1289:3	1287:22 1288:3		1227:20 1264:15
<b>convey</b> 1285:8	1289:1,9,14,15,2	correctly 1236:2	1327:7,10,20
1446:17 1448:15	1 1290:4,13	1428:16 1438:12	1328:18 1329:1
	1291:2,7,13	1453:18	1339:18,21
conveyed 1464:18	1292:10 1294:5	corresponding	1357:8 1436:5
copy 1298:19	1298:14	1298:7	counsel 1186:14
1441:17	1300:1,22	1362:13,14	1187:4 1197:2
core 1334:22	1302:10,14	1375:7,12,17	1214:4,15
	1303:13,19,20	1400:16	1236:4 1255:9
corner 1445:20	1306:1,2,5,10	corroborates	1266:10 1314:20
1448:10	1308:6 1309:10	1240:13	1317:3 1362:19
corporate 1195:14	1310:4 1311:1		1364:16,18
1205:3,8	1315:14 1317:19	co-sponsored	1365:8 1369:7
1216:19 1217:16	1320:22	1457:2	1371:21 1381:16
corporation	1321:3,5,8,10,11	co-sponsors	1382:1 1386:12
1185:4 1190:5	1323:16 1324:2	1465:2	1387:5 1443:18
1205:5,7 1218:2	1326:12,13	cost 1205:15	1476:11,14
1219:20 1223:5	1328:1,4	1206:5,21	ŕ
	1331:2,12	1207:1,9,13,14,1	count 1327:18
correct 1194:16	1337:18	6,22	1444:8
1204:20 1216:3	1341:20,22	1208:2,10,11	counting 1328:6
1217:5 1219:15	1345:2 1346:5,6	1226:20,22	country 1191:5
1235:18,19,20	1347:10,15,18	1227:11,19	•
1236:1,7,8	1353:14 1356:21	1327:18,21	<b>County</b> 1435:6
1240:8,11,13,17,	1359:20	1328:10 1333:22	<b>couple</b> 1196:21
21 1241:1	1360:7,10	1334:4 1339:19	1216:1 1218:22
1243:4	1375:13 1379:6	1397:14 1407:17	1279:2 1285:7
1244:5,11,14	1382:9 1383:4	1408:19 1436:3	1322:20 1339:3
1245:5	1385:22 1387:16	1439:19,22	1342:18 1349:8
1247:11,21	1391:4 1397:15		1376:10 1394:21

	1 ag		
1396:6 1415:2 1422:15 1429:10	Coyle's 1324:4 Crane 1223:5,15	1244:3 1266:9 1269:5,11	1312:5 1333:10 1357:2,6
1465:5 1469:8 course 1319:13,22	1349:16 <b>Crane's</b> 1306:21	1302:14 1320:18 1363:20 1364:19	1390:3,9 1394:13 1425:20
1320:2 1429:19 1449:8 1450:4	1400:13 1401:16	1381:14,18 1428:3 1461:13 1469:1	1434:15 <b>curve</b> 1361:6
1463:11	<b>create</b> 1293:10		customer 1199:3
<b>court</b> 1299:7	<b>created</b> 1238:11	cross-examine	1200:15,16
1343:1,2	1338:14 1356:18	1473:10	1202:15
1476:1,2,20	<b>creates</b> 1321:17	crossing 1232:13	1210:13,21
cover 1300:2	1328:14	cross-reference	1333:5,9
1368:17 1444:8	credits 1461:3	1456:7	1334:15,19
<b>covered</b> 1226:10	critical 1203:2	cross-referenced	1467:7
1276:21		1457:6,8,21	customer-driven
	critically 1388:16	1457:0,8,21	1441:21 1442:6
Coyle 1187:9	criticism		1443:6
1188:9,14	1416:10,16	cross-references	customers
1269:10,12,14 1297:19	cross	1443:14	1199:7,10,16,17
	1188:2,18,19,20,	1455:8,22	1212:15 1225:18
1298:8,15,21 1299:3,18	21	cross-referencing	1227:5,16
1300:1,7	1189:2,3,4,5,6,7,	1457:9 1459:7	1236:12 1237:6
1300:1,7	11,13,14,15	culmination	1240:19 1247:12
1301.20,21,22	1191:14,16	1344:4	1352:3 1393:17
1315:11,14,18,2	1192:8,9	curiosity 1398:5	1413:22 1414:8
0 1316:3,4	1232:20	· 1	cut 1368:9
1365:19 1366:1	1233:5,12,20	curious 1413:10	
1370:18 1372:11	1234:6,14,22	1475:12	cycle 1201:20
1428:2,4,6	1235:8 1239:14	current 1194:3	cyst 1323:12
1429:19	1267:8	1215:4 1259:9	cysts 1326:17
1430:1,3,6,9,10	1301:14,16	1261:13 1310:5	
1432:13	1363:14 1366:2	1323:12 1378:15	
1438:3,7,9,11	1370:1,13,15	1390:7,8,15	<b>D.C</b> 1185:9,15
1443:17	1373:16 1419:7	1391:10	1186:5,15,19
1444:5,6	crossed	1394:6,18	1187:7,8,11,12,1
1455:2,3	1368:20,22	1399:19 1406:4	5,17,20 1247:22
1457:1,5,16	Cross-Exam	1428:21	1248:2,12
1458:12,16	1419:1	1431:8,16 1432:1 1434:20	1249:13,15,22
1459:4,9,10	cross-examination	1432:1 1434:20 1438:14 1445:3	1250:2 1252:15
1461:12	1191:9	1436.14 1443.3	1262:7,17,22
1462:14,16	1229:4,19	1452:9 1461:21	1263:11
1468:10,16,19	1231:20 1236:3		1264:17,21
1469:15,17	1231:20 1230:3	currently 1194:4	1269:9,15
	1207.0 12 10.1	1224:10 1294:14	1270:13,17,18,1

	1 ag		
9,22	<b>Daniels</b> 1186:13	1340:5 1354:11	decimal 1288:15
1271:3,7,11,18	1188:5 1228:22	1387:13 1470:6	decision 1219:3
1272:11,15,19	1229:1,5	1471:13 1474:21	
1276:3,8 1278:8	1472:3,4,8,13	J 1105.10	1283:20 1284:4
1285:19 1289:6	1474:8,9,13,15	days 1195:18	1395:16 1397:11
1295:9	, , , , , , , , , , , , , , , , , , ,	1366:11,12	1426:7
1296:12,14	data 1232:3,7,9,16	1371:7 1381:2	decision-making
1303:5 1309:18	1233:3,9,17	<b>DC</b> 1320:11,13	1343:22
1311:21	1234:2,10,18	1469:2	decisions 1449:11
1311.21	1235:5,21	DCC 1190.11	
1312.4,8,22	1245:3 1250:20	DCG 1189:11	1450:2
	1251:6	1273:14	decreased 1262:2
1318:2,11,15,22	1273:15,18,19	1312:19,22	<b>DeCUSATIS</b>
1320:22	1274:1 1283:11	1313:13	1186:9 1188:4
1321:13,16,19	1297:4 1335:11	1314:2,3	1193:20 1194:8
1322:4,11	1337:19,21	1365:20,21	1230:7,11,18
1328:2 1341:18	1349:20	1366:2 1370:21	, ,
1343:4,7 1344:8	1351:3,18,20	1371:2 1376:16	default 1212:14,21
1345:11	1352:19,20	1429:6	defer 1200:20
1346:16,17	1359:18 1363:22	1430:1,4,5	1213:9 1221:16
1365:18 1366:17	1365:4 1371:3	1432:15 1443:12	
1372:10,21	1400:15 1429:7	1455:6,7,9,14,15	<b>define</b> 1237:15
1415:21	1430:7,12	1456:1,2,7,10,11	1441:6
1428:1,7 1434:2	1432:14 1435:21	1457:19,20,21,2	1443:4,5,6
1435:4,17,18	1439:12 1444:9	2 1458:2,3	defined 1401:13
1440:16 1445:21	1449:1 1455:7	1464:9,10,11	1442:18,22
1446:1	1458:13 1464:11	1465:1	1465:20
1448:10,12	1466:4	<b>DDOT</b> 1453:13	
1451:18 1452:18			<b>defines</b> 1400:14
1453:6,12	date 1216:14	<b>DDOT's</b> 1312:13	defining 1318:5
1465:10,15	1228:12 1343:10,18	deadline 1425:21	definition 1442:19
1466:1,16	1347:7 1419:19	1426:3	definitions 1337:2
1469:5	1445:10 1466:13	deal 1297:3	
<b>D1</b> 1189:9		1324:15,17	DeFontes
1242:15,19,21	<b>dated</b> 1466:4	1412:3	1339:9,13
1243:1 1244:12	dates 1279:9		<b>degree</b> 1293:5
1245:3,5,13	1344:18,19	dealing 1325:13	1294:6 1324:6
1345:17 1346:1	1366:20	1381:4	Delaware 1341:18
1359:5	1371:6,16	dealt 1427:12	Delaware 1341.18
1362:13,16	1372:13	<b>debt</b> 1370:19	delay 1262:17
<b>DA</b> 1446:5,7	1373:3,4		1309:18 1343:3
,	ŕ	December	<b>delayed</b> 1259:15
daily	<b>David</b> 1474:9	1257:22 1399:9	1260:2 1467:19
1354:3,4,9,10	day 1190:3 1198:6	decide 1293:10	<b>delays</b> 1465:9
1358:1	1200:12 1201:3	decile 1210:12	1466:15
	1227:15 1228:10		1700.13

	1 46		1
deleted 1309:14	1204:17 1399:11	1197:11 1211:4	1327:19
delivering	description	1254:6 1256:6	difficult 1230:16
1413:21	1204:16 1441:12	1259:9 1384:4	1268:7 1302:20
1414:7,10		developing	1391:14 1423:7
ĺ	<b>design</b> 1443:2	1207:19 1210:2	1454:1
Delivery 1185:5	1450:17		
1190:7	designed 1420:22	device 1446:12	difficulties 1373:1
demonstrate	designs 1356:11	dialogue 1317:5	difficulty 1381:7
1382:12,17	<b>desires</b> 1373:15	Dickerson	diligence 1219:3
demonstrated		1280:19,20	direct 1188:2
1405:9 1421:1	detail 1263:9	1281:9	1193:19 1194:9
demonstrates	1292:21 1402:18	Dickerson's	1204:3 1207:21
1405:7	1441:11	1281:13	1227:20 1230:20
	<b>detailed</b> 1266:18		1235:12,16,22
<b>Denis</b> 1203:7	1293:6 1304:11	difference	1236:10 1241:21
1204:3 1323:10	1308:4 1325:4	1199:12,14,15	1244:10 1246:18
1358:3	1380:22 1397:9	1321:7,12	1248:7 1250:6,9
<b>Denise</b> 1185:21	1441:16	1361:7	ź I
1476:2,19		differences	1251:21 1252:10
·	details 1262:11	1317:17	1253:13,20,22
deny 1255:18	1273:5 1313:10		1254:3,14,17,18,
Department	1357:17	different 1206:10	19,20 1255:4
1313:17	determination	1212:19	1256:14 1257:20
depending	1292:13 1294:17	1217:15,16	1258:19,21
1474:19	1353:12 1433:5	1245:16 1258:18	1259:10,14
	determinations	1302:2 1316:18	1260:7,14
<b>depends</b> 1327:11	1254:12 1256:12	1331:18,19	1270:6 1273:8
depicted 1395:12		1334:4	1274:8 1275:11 1276:21 1277:6
depicting 1242:16	<b>determine</b> 1210:19	1341:11,16 1354:9 1355:14	1280:21
deploy 1355:20	1293:7,9 1380:8	1360:1 1378:2	1310:7,12
	1383:20 1438:16	1380:15 1386:4	1311:10 1323:9
deployed	1462:13	1390:7,15,17	1324:14,16
1263:5,21		1396:19 1408:20	1326:16 1332:9
deputy 1214:15	determined	1412:10 1437:5	1339:12 1345:17
	1252:1 1405:6	1442:9 1447:4	1350:3
derecho 1228:1,16	1436:1	1449:5 1450:19	1374:13,22
1344:8,9	determines	1465:14 1466:6	1375:4,5,18
describe 1242:15	1395:10		1393:16 1397:22
1419:16 1444:18		differentiate	1398:3 1413:17
described 1238:14	determining 1317:8	1200:19	1414:11 1417:16
1292:18,21		differentiated	1428:9 1430:22
1339:2,6 1379:6	<b>develop</b> 1210:5,18	1272:19	1431:14 1432:6
1422:17 1458:19	1424:11	differently	1451:14 1456:14
describing	developed	differentia	1458:9
40001101115			

	1 46		
1459:14,17	1356:9 1359:22	document 1239:4	1377:17 1407:11
1461:20	1380:16	1243:12 1261:11	1428:12 1437:8
	1386:14,19	1297:20 1299:21	1441:13 1449:7
directed 1265:13	1388:8 1408:22	1300:3	1468:2 1472:2
1299:22 1308:6	1425:9 1431:21	1385:5,9,16,20	
1400:11 1433:18	1444:3 1450:4	1392:1	<b>Donna</b> 1474:9
1439:1 1459:18	1444.3 1430.4 1475:6		<b>double</b> 1408:8
direction 1352:1,2		1418:21,22 1440:10 1441:15	
1476:8	discussions		double-check
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1191:17 1192:10	1443:14	1245:20
directions 1404:9	1195:20 1200:11	1444:11,14,19	double-checking
directive 1385:13	1201:2 1214:18	1445:10,19,22	1191:22
directly 1195:10	1255:5 1261:12	documentation	doubled 1423:10
1199:5 1251:1,9	1282:7,8,13,14,1	1424:12 1439:21	
1301:5 1323:9	5,19 1283:3	documented	doubt 1238:14
	1284:14,15	1390:12	downtown 1278:8
1324:17,22	1317:3 1344:3,7		
1326:7 1329:21	1356:7 1415:19	<b>DODDY</b> 1185:18	downward 1246:5
1334:17 1339:10	Dismukes 1474:9	dollar 1453:7	1463:21
directors 1223:11		1454:5	<b>Dr</b> 1445:21
disconnect 1431:4	disruption		1448:11 1456:22
	1353:22	dollars 1271:2	1474:10
discontinue	<b>distinct</b> 1383:11	1296:22 1380:3	draw 1282:10
1423:3		1396:13	1420:13
discuss 1235:16	distinctly 1378:2	1397:18,19	
1252:7 1254:21	distribution	1402:14	drawn 1255:7
1257:18 1260:7	1337:16 1354:2	1403:4,14,17,20	1440:9
1356:2 1399:15	1440:19	1405:2 1406:2	drive 1208:16
	1441:4,7	1431:10 1436:10	1451:8
discussed 1232:4	1442:7,10	1453:5,11,13,21	
1262:16 1307:10	1443:4 1446:7	dominated	driven 1463:22
1366:12 1377:8	1447:9 1450:15	1416:14	1464:1
1400:2 1402:19	1452:19		<b>drove</b> 1397:9
1443:8 1475:11		done 1193:17	due 1219:2 1343:1
discusses 1240:18	<b>District</b> 1185:2,14	1196:1,14	1366:16 1422:5
discussing 1277:5	1250:12 1262:22	1197:10,14,17	
1287:4 1302:13	1313:16 1372:11	1199:9 1226:19	<b>Duncan</b> 1186:17
1357:14 1399:8	1390:4 1393:17	1227:3,4,7,21	1187:10
	1435:9	1228:7,9 1237:9	duration 1237:6
1422:3 1449:17	1436:11,13,16	1238:2 1264:7	1289:1 1295:19
discussion	1439:18 1450:16	1272:18 1285:14	1352:14
1203:5,11	diversity 1325:7	1286:1 1293:6	
1209:20 1213:21	· ·	1331:15,22	<b>during</b> 1206:19
1214:2,5,21	divide 1291:12	1332:8,12	1220:14 1221:15
1246:20 1259:8	<b>division</b> 1323:18	1344:22 1357:15	1236:5 1240:4
1261:14 1297:22	1324:12 1339:4	1360:13 1370:4	1266:9 1280:5

1330:2 1361:19 1422:13 1426:22	2 1388:5	<b>employed</b> 1194:3 1476:11,14	1435:17
earlier 1243:13	1386:16,22 1387:14,16,19,2	emphasize 1312:3	entire 1237:5 1320:2 1434:17
E	1381:17,19,22	1354:17	entered 1190:17
1475:5,11	1369:15,19 1371:22	emphasis 1353:21	1339:15
1461:5	1363:10 1364:17	1353:18	<b>ensuring</b> 1196:15
1458:10,16	1188:13 1362:21	emergency	1453:1
1456:19	<b>Eilbott</b> 1186:17	e-mail 1475:2	1218:3 1358:10
1432:10 1437:22 1444:1 1454:21	1449:8	1465:5	<b>ensure</b> 1196:17
1412:18 1415:10	<b>eight</b> 1425:15	1324:10 1435:2	<b>enjoy</b> 1369:13
1410:22 1411:12	efforts 1462:2	12/1.13 1280.13	1445:3
1392:2,17,20	1404:8	1261:4 1262:8 1271:13 1280:13	1421:12,18
1381:13 1387:5	<b>effort</b> 1219:7	else 1260:3,18	enhancement
1375:20 1376:13 1381:13 1387:5	efficiently 1358:20	1381:22	1282:12 1355:19
1374:4,14	1227:6	<b>Eli</b> 1186:17	1277:3,16,21
1371:11,14	efficient 1226:3	1346:12 1389:22	<b>engineers</b> 1277:8,18,21
1367:4	1355:21	1307:7,19	
1365:1 1366:21	efficiencies 1333:1	1306:7,15	1283:10,14 1443:2
1362:6,9,11 1363:2,16	1355:20 1358:20	1290:22	1266:18
1315:5 1335:10	effectively	1190:6 1194:5	engineering
2 1301:10	effective 1226:3	electric 1185:5	1355:13 1356:11
1300:11,13,14,2	effect 1400:10	elaborate 1225:6	engineered
1298.1,14,17	Edison 1278:6	1441:20	engineer 1452:20
1297:17 1298:1,14,17		1384:9 1390:13 1404:11 1426:7	<b>engage</b> 1403:9
1254:15 1265:6	economist 1460:1	1365:12 1373:3	
1241:6,12	1314:10	1285:15 1364:3	1216:9,10,12,16 1266:11 1463:5
1188:12	easy 1308:20	either 1278:4	1214:2
<b>Duver</b> 1186:6	East 1186:4	1427:16 1449:17	1190:7,8 1213:1
1418:18 1444:2	<b>easily</b> 1381:10	1422:10,12	energy 1185:5
1404:5 1417:14	easiest 1433:22	1419:9,14,17,21	1304:16
1366:12 1370:1 1371:5 1397:16	1330:20 1332:18	1415:12,16,17 1418:20	encompasses
1364:12 1365:17	easier 1269:19	1413:2,9,15,16	<b>enacted</b> 1344:21
1339:7 1353:22	1468:3	1412:9,12	1325:1
1327:9,15	1348:6 1359:7	1411:3,16,18,21	1324:12,13,20
1302:14 1326:15	early 1279:4	1399:2 1409:20	1226:21

Γ	- 0		
1440:5	equipment	estimates 1463:7	1417:12 1436:7
<b>entity</b> 1185:6	1263:5,22	et 1216:20	<b>exactly</b> 1197:14
1190:9 1208:6	1409:5 1423:18	1287:8,10	1216:14 1249:9
1329:3	1447:16	1344:3	1323:6 1384:5
	aguivalant 1011.1		1386:1,19
envision 1439:4	equivalent 1211:1	EU 1203:17	,
EQSS 1211:2	1251:12 1290:21	1204:7 1205:22	1392:11 1405:1
1250:21	1296:15 1378:13	1207:14,20	1411:16 1435:19
1250.21	errata 1298:18	1209:5,11,13,14,	1450:1
1269:22 1275:21	error 1316:22	16 1335:21	examination
1276:7 1285:13		evaluated 1237:21	1193:19 1353:13
1288:7,9,14	escalated	1401:18 1436:5	1363:21 1374:13
	1434:17,21	1401.16 1430.3	1417:14
1289:13,20	1437:16 1438:15	evaluation 1254:6	
1290:3 1296:1	escalating 1304:19	1256:6 1264:8	<b>examine</b> 1443:20
1310:5 1348:19		1283:10,13,14,1	examined 1193:1
1377:1,5	especially 1195:4	5 1287:3	1231:12 1374:11
1378:5,8,13,15	1379:19	<b>evening</b> 1468:13	1386:12
1379:5,9,15	ESQUIRE	1475:14	<b>example</b> 1208:17
1382:4,10,13	1186:3,6,9,13,17		1225:14 1274:14
1383:11,16	1187:3,4,9,13,18	<b>event</b> 1245:1	1333:3 1335:16
1384:1,16,20		1307:18 1423:14	
1385:2,22	<b>essence</b> 1259:21	1451:11	1340:13 1341:12
1389:9	essentially	events 1238:21,22	1353:17 1395:9
1390:5,9,11	1195:15 1287:3	1252:7 1254:21	1396:10 1423:8
1391:2,6,11	1295:11 1325:9	1252:7 1254:21	1440:22 1447:6
1392:1	1332:20,21	1311:13,17	<b>examples</b> 1331:22
1393:14,22	1334:13 1339:12		1353:16 1463:3
1394:1,6,10,11,1	1357:10	1396:11 1423:22	<b>exceed</b> 1384:15
3 1396:21		everybody	
1401:6,7,9	establish 1355:2	1230:13 1369:13	1395:6,10
1403:5	1385:14	1465:5 1473:6	1397:1 1400:6
1404:11,16,18,2	established 1213:5	everyone 1387:21	1401:1,12,14
0 1406:2,6	1251:2,10		1405:18,20
1409:13,16	1318:14 1377:5	everything	1408:15 1409:8
1414:16,21	1384:16 1425:12	1304:15 1407:12	1410:1,6 1411:8
1415:9 1417:4	1427:11	1411:4 1424:7	exceeded 1242:6
1420:6,7	establishes	evidence 1231:2	1405:6
1424:4,13	1385:13	1362:18 1363:15	exceeding 1306:3
1425:10,12,20	1393:6,13	1366:3	1311:7 1406:5
1426:12	,	1370:14,17	1411:4,11
1431:7,21	estimate 1206:15	evidentiary	, and the second
1432:1 1449:22	1330:3 1470:10	1185:12 1190:4	<b>exceeds</b> 1378:15
1465:20	estimated 1465:13		excellence 1293:8
equated 1467:8	1467:14	exact 1216:14	1342:10
- cquattu 1407.0		1279:9 1360:20	
	l .	L	

	1 48		
excellent 1349:3	1196:9 1197:3	1355:3,16	1313:13 1314:4
1370:11	1198:1,3,18,20	1356:17 1358:6	1316:5,10,13
except 1435:7	1200:8,20	1378:3 1385:10	1317:12 1318:1
_	1201:20	1388:21 1407:19	1319:3 1345:17
excerpt	1202:3,5,21	1414:6 1415:7,8	1359:5 1360:3,5
1419:10,17	1203:8,9,19,20	1416:1,7	1362:13,14
excess 1395:20	1204:20	1418:16	1363:14,18,19
1396:1 1397:15	1205:1,3,4,5,7,1	1424:13,19	1365:3,20
1402:4 1412:15	2,20 1208:5	1444:21 1445:6	1366:2
exchange 1359:17	1209:5,6,16,18	1446:17 1448:15	1368:9,16
1469:10	1210:10,15	1449:13 1453:19	1369:9
	1212:18,22	1460:21 1461:3	1370:13,15,21
excluded 1238:22	1213:20	Exelon/	1371:2
excluding 1262:22	1215:1,5 1216:3	Constellation	1375:5,8,12
1264:16 1296:13	1217:3,5	1240:20	1382:21 1386:9
exclusive 1466:7	1218:17		1388:12 1394:20
	1219:1,19	<b>Exelon's</b> 1236:4	1395:2 1399:21
exclusively	1220:7	1253:7 1266:20	1410:13,14
1459:18	1223:5,13	1284:22	1419:1,2,7,13,19
excuse 1190:8	1225:13,19	1285:10,17	1420:4,15
1220:3 1239:21	1226:21 1227:10	1286:7,9 1289:4	1426:9 1429:6
1241:11 1244:17	1235:18 1236:6	1291:15 1304:8	1432:15
1251:19 1288:20	1237:4,13	1307:11 1415:20	1433:8,13
1292:21 1300:13	1238:7	Exelon-wide	1438:14 1443:12
1317:10 1347:1	1242:4,9,16	1341:17	1444:8
1369:4 1459:11	1245:19 1247:3	<b>exhibit</b> 1188:16	1452:3,13
<b>excused</b> 1214:11	1248:9	1189:1 1194:10	1455:6,15
1231:4,6	1266:12,15	1230:19 1231:1	1456:11,21
1369:12	1271:15 1277:18	1230:19 1251:1	1457:20 1459:15
	1279:11 1281:22	1232:20	1464:9
execute 1295:3	1282:12 1283:20	1234:6,14,22	1465:9,12
executed 1293:12	1286:22	1235:8 1239:14	<b>exhibits</b> 1188:22
executing 1225:11	1287:2,5,10,13,1	1242:19 1244:16	1230:10 1255:14
1293:3	4 1288:21	1245:5	1299:4 1314:16
	1292:20 1295:14	1258:3,6,7,16	1315:10,16
execution 1357:5	1303:6,7	1267:4,8,17,18	1316:18
executive 1194:4	1307:20	1268:11,12	1362:10,16,20
1197:2	1323:4,7,12,17	1273:14 1276:12	1363:12,17
1209:10,13	1325:10,13	1297:14,15	1364:20 1365:3
1213:12,16,19	1326:22 1332:12	1298:5,11,20	1366:5
1214:3,6,17	1333:10	1302:2,4,7,8,12	1369:16,22
<b>Exelon</b> 1185:4,5	1335:2,5,8	1308:13,22	1375:17
1190:5,7 1194:5	1338:2,8 1346:3 1347:7	1309:7	exist 1394:13
1195:12,15,16		1312:18,19,22	1406:15
	1354:13,19		1.00.10

	0		
<b>existed</b> 1446:21	expensive 1447:15	expression 1289:4	1405:9 1409:4
existence 1345:10	experience 1195:2	<b>extend</b> 1306:6	<b>faint</b> 1346:19
existing 1222:2 1296:1 1337:15 1379:2 1387:3 1430:15 1431:2 1437:16 1450:21 exists 1198:7 expect 1330:5,9	1247:12 1294:11 1331:10 1343:21 1349:10,11 <b>experienced</b> 1200:7 1225:10 1240:19 <b>experiences</b> 1195:6	1347:13 1426:19 extends 1347:20 extensive 1441:11 extent 1272:22 1376:6 1387:7 1401:3 1422:2 1432:16 1435:15	fair 1246:11 1255:6 1293:17 1313:22 1320:8 1384:17 1418:16 1431:12 1457:10 1461:17,18 1466:9 fairly 1281:20
1335:16 1353:7 1354:22 1357:7	expert 1437:7	1457:3	fall 1344:14
1397:8 1467:21	1439:16	<b>external</b> 1215:15 1342:8	familiar 1190:22
expectation 1264:12 1343:6 1377:11 1471:7	expertise 1460:4 explain 1229:7 1246:12 1309:13	extra 1452:22 1454:13 extract 1364:4	1200:4 1211:3 1315:3 1333:14 1349:22 1379:4 1382:3
expectations 1200:16 1210:16	1392:11 1396:8	extreme	1444:13,16
expected 1202:19 1210:6 1447:2	1401:17 1406:3 1432:16 1439:11 1446:3	1311:12,17 ——————	1457:12 1460:12,16 1462:8,11
expecting 1322:19	<b>explained</b> 1238:20 1388:11 1411:6	face 1439:9,13	familiarity
<b>expects</b> 1407:20		facilities	1462:18
expending 1407:9	explaining 1409:7 explains 1254:4	1263:6,22 1311:15 1441:1	family 1203:19 1209:17 1210:15
expenditure 1379:10,13 1397:12 1406:21 expenditures	1256:4 1259:11 <b>explanation</b> 1246:16 1251:22 1397:9,11	fact 1191:4 1218:5,20 1240:12 1266:12 1290:20 1294:11	1225:13,19 1226:4 1326:22 1330:21 1340:20 1341:3 1470:6
1264:20 1265:3 1302:21	1407:2	1310:8 1348:18	<b>fault</b> 1446:14
1303:11,12	<b>explicit</b> 1439:9,13	1380:9 1381:1 1382:6 1416:22	<b>FC</b> 1419:18
1304:7 1379:17 1380:22	<b>explore</b> 1305:5	1423:8 1436:15	Feb 1375:17
1397:10,17	<b>expose</b> 1396:17	1437:19	February
I ΙΔ() /·X ΙΔΙ <i>)</i> ·Δ	<b>express</b> 1388:13	factor 1463·6	1244:5,9,19
1407:8 1412:4 1415:6,13 1440:6,17,19	<b>expressed</b> 1196:5 1317:22 1319:3	factor 1463:6 factored 1328:18	1245:11,13 1250:5,9
1415:6,13 1440:6,17,19 1441:1,8 1442:8	expressed 1196:5 1317:22 1319:3 1379:14 1388:21	factored 1328:18 factual 1363:22	1245:11,13 1250:5,9 1251:20 1257:19
1415:6,13 1440:6,17,19 1441:1,8 1442:8 1447:22	expressed 1196:5 1317:22 1319:3 1379:14 1388:21 1407:7	factored 1328:18 factual 1363:22 fail 1378:19	1245:11,13 1250:5,9
1415:6,13 1440:6,17,19 1441:1,8 1442:8 1447:22 expenses 1407:4	expressed 1196:5 1317:22 1319:3 1379:14 1388:21 1407:7 expresses 1288:14	factored 1328:18 factual 1363:22 fail 1378:19 failed 1370:21	1245:11,13 1250:5,9 1251:20 1257:19 1258:20 1259:10 1260:6,13 1274:13 1276:22
1415:6,13 1440:6,17,19 1441:1,8 1442:8 1447:22	expressed 1196:5 1317:22 1319:3 1379:14 1388:21 1407:7	factored 1328:18 factual 1363:22 fail 1378:19	1245:11,13 1250:5,9 1251:20 1257:19 1258:20 1259:10

	1 ag	C =:	
1375:14 1376:9 1397:21 1398:2 1399:12 <b>feedback</b> 1279:19,21 <b>feeder</b> 1312:6,9 1353:22 1442:1 1446:8 <b>feeders</b> 1465:14 1466:6,20,22 1467:4,11,15 <b>feel</b> 1307:21	1313:2 1374:22 1375:3,22 1381:2 1430:22 1466:21 filing 1295:13 1374:22 1411:7 fill 1369:14 filter 1442:13 final 1224:6 1226:5 1343:18 1344:4 1352:22 finally 1340:2	1268:15 1275:22 1279:1 1294:14 1297:13 1302:20 1303:5 1306:13 1309:12 1315:4,8 1330:13 1336:5 1345:18 1366:21 1374:10 1375:4 1423:9,12,13 1426:1 1444:17 1445:14 1446:3 1451:10,13	focusing 1349:8,9 folks 1213:20 1277:9 1348:4 follow-up 1204:12 1226:18 1339:1 1359:3 1469:6 foot 1287:14 footnote 1312:12 1313:6 1314:5 1316:13 force 1344:12 1437:12
1308:2 1389:5,8 1405:3 <b>felt</b> 1213:3,7,10 1261:12 1386:6	1375:14 finance 1201:19 1203:22	1453:4 1458:1 1465:14 1467:13 1470:4 1471:2 <b>fits</b> 1330:16	forecasted 1312:6 foregoing 1476:4,8
1425:18 1445:1 1446:19 FI 1446:5,8 field 1334:15	financial 1253:9 1260:9 1338:3 1378:17 1383:20 1384:7 1394:16 1408:12 1437:7	five 1195:18 1222:17 1268:15 1410:19 1412:8 1451:16 1452:5,7	foremost 1336:5 forestry 1304:14,18 1435:8
Fields 1369:7 fifth 1190:3 figure 1288:2 1314:19 1436:17	financially 1476:15 financing 1345:5 finding 1462:14	five-year 1297:6 1421:18 1434:10 1441:18 flipping 1398:6	formal 1185:5 1190:4 1245:11 1312:14 1313:2,17 1419:11 1466:13
figures 1303:3,22 1304:6,11 1395:21 1440:9,15 1452:21	fine 1221:18 1288:16 1300:6 1366:7 1372:16,20,22 1444:4 1469:18	flows 1357:9 fly 1470:6 flying 1470:1 focus 1199:7	formally 1298:11 former 1215:4 formulation 1460:5
file 1375:10,15 filed 1226:6 1229:21 1241:4,8,17 1244:10 1248:6 1254:13 1256:13,21,22 1257:21 1258:4 1260:21 1261:7 1267:13 1268:20 1298:3,18	finish 1299:16 1471:4,8 finished 1442:2 firm 1320:6 1388:22 first 1192:22 1195:8 1199:17 1210:9,11,12 1230:16 1232:5 1236:6 1264:2	1218:11 1227:16 1243:9 1263:3,19,20 1264:3,4 1359:12 1380:5 1416:15 <b>focused</b> 1203:3 1263:14 1311:4 1363:22 <b>focuses</b> 1430:12	Fort 1185:18 1202:1,7,10 1204:11,13,15,2 2 1205:4,11,14 1206:3,14,19 1207:7,12 1208:4 1209:2,12,19 1210:1,22 1211:15,22 1212:14,17 1213:2,11,15,18

	1 46	· · · · · · · · · · · · · · · · · · ·	
1214:1,10,22	1425:4,7	FRANN 1187:3	1338:12
1215:12,17,20,2	forward-looking	frequencies	gas 1194:5
2 1226:18	1377:6 1433:2	1347:4	1346:12 1464:1
1227:9,22	1434:6		
1228:4,8,15,18,2		frequency 1296:8	<b>Gausman</b> 1188:11
1 1257:6,10,12	fourth 1278:22	1350:20	1265:8,15,18
1322:17,18	1279:1,5	frequently	1271:16 1272:17
1323:13,17,20,2	1294:13 1311:20	1335:15	1277:2,10,16
2 1324:3,10,19	1444:7		1278:17,18
1325:3,15,17,20	frame 1220:18	Friday 1185:10	1279:20 1281:11
1325.5,15,17,20	1287:4 1306:8	1190:3 1191:4,5	1282:2
· · · · · · · · · · · · · · · · · · ·		1469:13 1475:14	1284:9,17
1327:1,7,17	1361:21 1416:10	friends 1342:16	1286:1,2
1328:2,5,22	1452:8,12		1296:20 1297:3
1329:6,9,15,19	<b>framed</b> 1421:17	front 1289:16	1299:22
1330:1,5,11	Francis 1187:3	1316:8,11	1300:5,9,16
1331:1,4,7,21		1359:13 1419:22	1301:14,16
1332:2,5,10,14	1188:6,8	1452:14	1304:12 1305:6
1333:3,8,14,17	1190:12,13,14	full 1193:22	1308:6 1313:20
1334:3,6,18	1229:18,20	1236:6	
1335:1,4,7,13	1230:2,4	1237:13,15,19	1315:2,5,7
1336:11,17	1231:17,21	1238:8	1316:5
1337:13	1232:2,22	1347:11,12	1317:14,18
1338:1,16,21	1233:7,14,22	ŕ	1319:6
1339:18 1341:9	1234:8,16	<b>fully</b> 1194:11	1322:9,14
1359:1,2,15	1235:2,10	1298:18 1326:21	1338:5,6
1360:4,8,11,13,2	1239:9,16,19	1330:14 1340:3	1374:5,9,15,18,2
2 1361:9,13,16	1241:11,13,15	1375:21 1385:10	1 1376:1,12,14
1398:4,13	1255:9,22	1408:21	1379:4
1419:12,15	1256:18	function 1205:9	1381:14,20
1429:16,20	1257:1,5,13	1217:16	1387:7 1389:12
1469:21,22	1265:19		1391:12 1411:2
,	1267:5,10,14	functions 1334:22	1420:1 1427:18
forth 1211:12	1269:4,8,18	<b>future</b> 1380:1	1428:5 1430:11
1214:19 1252:9	1274:4,5,19	1397:19 1405:14	1431:13
1258:17 1303:6	1290:6 1298:22	1436:22 1437:19	1432:4,15
1306:14 1391:22	1299:2,3	1438:20	1433:8 1438:13
1395:4 1403:10	1301:12,18	- ·- ·- ·	1443:10 1444:7
1452:2	1322:19 1359:17		1446:11 1449:16
Fortunately	1363:9,11,18		1455:4 1456:20
1305:13	1364:4,9,10,14	gain 1348:6	1457:2,5
forward	1368:5,7	1423:19	1458:22 1459:13
	1369:11	game 1457:10	1460:2,14
1249:12,21	1372:2,6	1461:18	1461:21 1462:18
1377:15,19	1427:21 1468:22	gaps 1293:9,10	1463:13
1416:2,6	1472:19	gaps 1273.7,10	1464:5,8,21
	11/2.17		1 .0 ,0,21

	1 46	· · · · · · · · · · · · · · · · · · ·	
1467:16	1431:13 1437:20	1245:4,6	1308:8 1341:10
1468:12,21	1439:15 1442:5	gratitude 1370:19	1439:22
1469:3 1470:15 1471:9	<b>given</b> 1217:16	great 1199:19	handled 1327:8
	1366:13	1293:5 1296:8	handy 1314:3
<b>Gausman's</b> 1297:15	1409:11,21 1430:14 1476:10	1324:6 1367:4	<b>happen</b> 1194:21
1297.13		1468:7	1212:4 1271:7
1311:9 1349:10	gives 1203:8	greater	1275:21 1356:9
1387:10	1452:4	1263:3,18,19	happened
1419:10,18	<b>giving</b> 1195:9	1353:20 1354:17	1221:3,7 1222:1
1461:7 1470:5	<b>glad</b> 1468:14	greatest 1264:9	1241:12 1254:19
gears 1426:18	1471:5	grid 1353:22	1255:14 1275:20
1459:13	<b>goal</b> 1199:19	1354:18 1474:4	1301:4 1303:13
general 1187:3	1211:6,13	ground 1326:19	1318:15
1194:22	1212:8 1407:22	1327:5	happens
1214:4,15	1410:3	grounding 1452:5	1214:1,11 1474:20
1263:13,16,18	goals 1211:11,12	grounds 1458:11	
1329:12 1357:4 1388:7 1416:10	1212:9 1421:15		happy 1315:21
1444:18 1446:17	God 1316:7	<b>group</b> 1205:10,15 1209:9 1284:8	1369:12
1460:19	gone 1263:8	1334:13	hard 1202:4
generally 1288:21	1340:16		haven't 1263:1,8
1372:14 1417:11	Gorman 1473:19	guarantee 1424:6	1285:14
1450:22 1462:22	Gosh 1228:2	guess 1272:7	1313:4,10 1466:12
1463:17	gotten 1299:9	1274:5 1278:14 1281:2 1283:18	
generation	1332:20 1369:20	1317:15,19	having 1192:22
1212:22 1213:20	Gould 1301:14	1385:5 1389:4	1207:13,15 1217:19,20
Genzer 1186:17	1470:1,12,19	1399:7 1428:17	1217.19,20
geographically		1431:12 1437:15	1257:7 1268:7
1346:13	government 1187:5,8	1443:18 1450:10	1316:17 1328:11
	1199:22 1200:1	1466:9 1467:20	1345:10 1346:17
George's 1435:6	1269:9,15	guidance 1204:6	1356:7 1357:14
<b>Gerald</b> 1194:1	1365:18	<b>guide</b> 1207:21	1374:10 1380:2
gets 1341:14	1372:10,11	guy 1442:16	1384:11 1396:22 1415:8
1358:10	1428:1,7		
<b>getting</b> 1191:20	<b>graph</b> 1350:6	Н	head 1206:8,11 1221:10
1214:19 1218:14	1351:9,17	hair 1282:4	1280:10,18
1227:5,16	1352:9,13	hand 1251:13	1334:14 1343:15
1268:8 1287:7 1299:7 1329:2	graphically	1283:3	1360:21 1361:12
1345:20 1348:4	1242:15	handle	headed 1445:22
1417:13 1429:17	<b>graphs</b> 1244:12	1190:19,20,21	
L		11/0.1/,20,21	

	1 46		
1446:1 1448:11 heading 1297:20 1298:4 1410:18	1299:10 1401:21 1408:2 1475:16 <b>helping</b> 1198:21	<b>Holdings</b> 1185:4 1190:6 1374:20 1444:11	1456:19 1457:10 1458:12 1461:5 1462:15 1469:4
heads 1214:11 1248:15	1207:21 <b>Hempling</b> 1474:3	<b>holds</b> 1394:17 <b>holiday</b> 1191:5	1473:21 1475:5 <b>hope</b> 1208:22 1209:1 1317:5
health 1354:3,4,10 1358:1	hereby 1476:3,8 here's 1428:18	1366:17,18 1369:13 1475:4	1209.1 1317.3 1470:9 <b>hopefully</b> 1473:11
hear 1195:5 1230:16 1236:22 1326:10 1422:17	Herskovitz 1301:7 1373:8 1475:2	holidays 1371:8 home 1325:11	Hopkins 1369:5 horizon 1421:13
1320:10 1422:17 1424:2 1471:6 heard 1229:6	he's 1191:13 1194:14 1280:21 1281:19,20	Honor 1190:12 1191:8 1192:2 1206:17 1212:16	horsepower 1358:6
1241:2 1303:16 1331:11 1363:17 1386:3,6 1390:16 1407:7	1315:3 1326:7 1387:7 1457:12 1458:17 1472:12 1474:4	1213:14 1230:2 1232:3,14,22 1239:9 1241:6 1254:15 1265:6	hour 1191:6 1468:15,17,18 1469:12
hearing 1185:12 1308:13,22 1309:6 1348:12	hesitating 1237:14 high 1294:6	1267:5 1269:4 1298:1 1299:19 1301:13,21	hours 1269:21 1288:15 1289:4 1301:4 1470:11,14
1366:11,12 1371:8 1386:11 1419:2	<b>higher</b> 1208:11 1217:12 1341:21 1342:9 1394:8	1314:18 1315:18 1316:3 1335:12 1362:6,9,11,21	<b>HR</b> 1204:1 1216:19 1218:5
hearings 1190:4 1371:9,11	1407:2 1453:1 1454:4	1363:16 1364:15,18 1365:19 1366:22	<b>hub</b> 1353:17 1356:20
heavy 1450:10,14 heavy-handedness	hire 1357:21 1358:4	1368:5 1369:15 1371:12,22 1373:14 1374:4	huge 1406:9 1409:5
1200:8,10 1201:10	historical 1246:22 1248:8,20 1249:5 1424:17	1375:20 1376:2 1381:13,17	human 1206:9 hurricane 1396:12
held 1277:11 1278:3 1297:22 1345:6	1448:20 1466:4 <b>history</b> 1243:2	1386:17 1387:5,16 1388:1	hurricanes 1409:2 hypothetical
he'll 1473:13	1439:21 1442:21 <b>hit</b> 1202:18 1228:1	1389:11,14 1392:2,7	1405:12 1454:12 hypothetically
help 1208:15 1225:12 1318:3 1321:15 1326:19	1404:4,5 1408:9 1410:1,7,10 1424:13	1410:22 1411:3,12 1412:10,18	1211:22 1402:2 1406:7
1357:22 1369:19 1406:3 1407:14 1425:7 1446:13	hitting 1422:3 hold 1342:2	1413:15 1418:20 1419:9,14,19 1422:11 1427:16	ice 1225:15
helped 1445:8	1432:11 <b>holding</b> 1200:20	1432:10 1437:22 1438:10 1454:21	I'd 1232:11 1233:14,17
helpful 1225:22	1200.20	1430.10 1434.21	1234:3,11,19

	1 48	-	
1235:6,11	1239:5,10	1227:1,12,13	1388:14 1389:4
1236:17,19	1243:6 1250:21	1228:2 1232:2	1391:13,19
1237:2 1238:1,2	1251:7 1265:22	1236:21,22	1392:7,15
1242:19	1267:3,11	1237:1,14	1393:7,8,11
1245:9,19	1294:8 1338:13	1238:10 1239:2	1395:1,14
1246:4	1353:6	1243:5,10	1399:14
1257:6,14	1370:1,2,6	1244:15 1251:4	1400:4,10
1266:5	1379:15	1252:4	1403:22
1278:14,21	1396:5,6	1255:11,18	1406:2,3
1279:5	1425:17	1257:8,15	1408:17 1410:3
1281:2,11	1434:11,20	1258:2,10	1411:8
1283:10 1290:7	1435:21 1450:20	1260:11 1261:2	1412:1,18
1296:13 1308:12	1467:2	1265:20 1266:2	1413:6,10,19
1310:11	identifies 1441:11	1267:2,20	1417:18 1419:12
1315:8,21	1442:19 1448:4	1268:7,12	1428:13
1322:8 1330:13		1270:10	1431:3,13
1336:13 1351:20	identify 1292:8	1272:7,21	1433:12,14
1352:20 1361:8	1293:19 1310:21	1275:3	1435:12
1363:11 1370:22	1364:13 1370:21	1280:3,17	1437:7,9,15,19
1372:8 1380:4	1381:7,10,11	1281:15,17	1438:4 1442:2
1418:20 1420:13	1387:6 1403:1	1282:2 1287:13	1444:16 1447:19
1433:10 1450:10	1407:14 1418:22	1291:3,21	1452:19
1455:9	1444:22 1466:1	1292:6,12	1456:8,9
idea 1454:20	identifying 1232:3	1296:3 1301:15	1457:14
	<b>I'll</b> 1190:19	1302:5 1305:9	1460:16,19
identification	1196:17 1239:7	1308:15,18	1462:5
1232:21	1241:14 1242:20	1312:16	1463:5,17
1233:6,13,21 1234:7,15	1243:16	1314:6,9,19,20	1464:5,6
1234.7,13	1289:17,22	1315:1 1316:7	1468:14 1470:19
1233:1,9	1290:5 1307:4	1321:6	1473:5 1474:22
1273:13 1312:19	1313:1 1348:10	1322:21,22	1475:12
1313:13 1314:3	1363:9 1383:5	1323:9,10	<b>impact</b> 1262:3
1315:13 1314.3	1387:9 1432:10	1332:10,15	1264:9,15
1419:8 1429:5	1438:7 1469:6	1333:16 1335:7	1294:4 1321:19
1430:4 1443:12	<b>I'm</b> 1190:21,22	1336:14 1341:12	1322:4,6,11
1455:5,9,15	1193:16 1194:4	1344:5	1343:7 1379:21
1456:2	1196:9 1199:8	1345:19,22 1346:7	1396:8 1410:18
1457:20,22	1201:1,6 1202:1	1348:12,13,21	1459:20
1464:10 1465:1	1203:12,13	1348.12,13,21	1463:14,18
1468:9	1204:15 1209:4	1349.8,9,22	1465:13,19
identified 1232:15	1211:1,3,20	1355:1 1357:17	1466:14 1467:12
1233:1,15	1216:13 1219:8	1361:9,15,17	impacts 1285:19
1233:1,13	1220:3,17	1369:11 1374:18	1410:21 1411:10
1234.1,9,17	1221:1	1375:21 1387:1	1451:21 1465:21
1433.3		15/5.21 150/.1	

	1 46		
implement	1416:19	1462:2	1262:1 1397:10
1198:21 1208:9	improvement	Inc 1185:4 1190:6	1415:5 1463:9
1294:7 1357:22	1199:2 1211:13		increases 1240:18
1423:17	1237:11	include 1242:10	1241:4,9
implementation	1238:12,13,16	1244:12 1246:13	1247:10,11
1240:8 1292:20	1242:6 1249:14	1249:12,21	1306:19
1358:9 1422:5	1250:1 1272:14	1275:8 1385:19	1311:13,17
	1273:4 1274:20	1390:6,8,13	1462:20
implemented	1275:1,10	1434:12 1435:5	
1196:21 1292:19	1282:21 1283:4	1453:5,13	increasing
1293:20 1294:4	1284:16 1286:17	1463:9	1210:21 1393:15
1358:10 1422:7	1295:14,18,19	included 1240:22	1394:1 1406:17
implementing	1296:9 1377:16	1245:3 1252:13	1415:13
1206:22 1207:8	1406:11 1409:13	1254:13	increment 1273:3
1209:8 1225:11	1418:18 1421:1	1256:13,20	incremental
1290:21 1421:10	1422:2,6 1423:6	1298:19 1386:3	1271:17 1272:18
1424:20	1424:10,18	1388:11 1390:19	1273:1
implicates 1475:8	1445:1,7 1446:8	1400:8 1426:15	1295:8,13,18
-	1447:5,8,11	1430:18 1456:6	incur 1261:17
implication 1255:3,7	1454:2 1468:1	1458:18 1465:14	
1255.5,7	improvements	includes 1232:8	incurred 1260:21
	1195:4,6,7	1330:6 1466:3	1261:7
important	1212:8 1238:4	including 1254:8	incurring 1219:2
1388:16 1465:17	1240:10,16	1256:8 1382:6	1253:9 1463:6
importantly	1247:13	1466:4	indeed 1401:1
1200:16	1263:3,4,19,20		
impose 1307:7	1271:3,11	inclusive 1363:12	independent
•	1275:20 1276:2	1466:8	1223:22 1391:21
imposed 1341:18	1293:1	inconsistent	1408:7
1384:7,9	1295:7,9,12	1395:13 1396:3	independently
impressions	1335:14,19	incorporated	1277:10
1460:9	1338:4 1379:20	1379:9 1458:12	indicate 1236:10
impressive	1380:2 1448:16		1244:20 1265:14
1199:10 1275:18	1449:2,5 1454:4	incorporates 1466:3	
	1456:13 1458:7		indicated 1315:9
improve 1202:15	1465:18,21	incorrect 1255:4	1387:2
1245:22 1247:18 1310:3 1377:20	<b>improves</b> 1372:13	increase 1220:10	indicative 1349:12
	-	1241:16	individual 1215:6
1404:4,10 1405:3 1416:14	improving	1247:4,6 1253:7	1224:18 1280:17
1403.3 1410.14	1403:12 1404:8	1285:3 1379:16	1402:22 1441:19
	1422:20	1380:7 1423:11	1466:6
improved 1253:6	inadvertently	1432:17 1463:7	individually
1268:6 1270:12	1298:4	increased 1247:15	1335:4 1435:11
1272:9 1403:17	inappropriate	111111111111111111111111111111111111111	1333.11
l	·· [- ] [		

	<u>e</u>		
individuals 1327:8	initiatives 1374:19	1334:7,9,12,13	interrupting
indulge 1440:15	<b>input</b> 1203:1,8	1339:2 1340:3	1471:2
S	1214:19 1268:6	1347:11,13,19	interruption
indulgence 1364:18 1370:22	1284:8	1348:5 1356:15	1236:13
1376:10	inquiring 1314:20	1359:7,14	interruptions
	1 0	1415:20	1236:21 1237:1
industry 1355:5	insight 1262:18	<b>intend</b> 1314:16	1259:12,13
infer 1247:9	install 1355:21	1315:15 1317:7	1284:21
inflation 1304:19	1448:4	intended 1298:5	1467:6,7
influence 1252:8	installation	intending 1388:15	intervenor 1454:7
1336:9	1353:21 1354:18	intent 1191:1	intervenors
inform 1192:11	1357:16 1423:19	1255:17 1408:1	1342:21 1402:1
	1447:18	1431:7	1404:13 1472:16
informally 1313:1	installations		
information	1357:8	intention 1299:16	intrigued 1323:3
1206:12	installed 1446:13	1389:1	introduce
1256:16,19		interaction 1200:9	1195:16,20
1261:13 1335:11	installing 1447:14	1203:17	introduced
1372:4 1380:16	<b>Instead</b> 1405:19	1204:3,5	1298:11
1381:3 1423:21	integrate 1326:2	interactions	introduction
1444:20	1328:12	1277:1,4	1193:18
1445:4,5	1330:14,20	1282:11	
1446:16 1448:20	1332:18,19	interaffiliate	invest 1210:20
1449:8	integrated	1460:6	investments
1464:14,16,18	1326:14,21		1212:7
1465:22	1341:2	interest 1362:1	involved 1195:21
<b>informed</b> 1191:10		interested 1215:5	1199:21
1255:2 1322:22	integrating 1293:4	1272:8	1277:7,18,21
initial 1228:11,12	1294:12 1324:5	1361:9,17	1277:7,18,21
1267:12	1328:20	1476:15	1319:13,21
1268:10,20	1331:15,18	interesting 1225:5	1329:19 1335:17
1286:11,18	integration	1328:9	1338:17 1365:9
1321:1 1353:6	1237:13,15,19		1447:14
1456:22	1252:14 1254:7	internal 1211:7	1460:17,19
initially 1204:17	1256:7	1212:13 1342:7 1443:2	ŕ
1259:19 1260:22	1280:2,7,14		involving 1271:1
1259.19 1260.22	1281:4 1323:6	internally 1201:19	irrelevant 1364:8
1368:8	1324:7,11,17	1245:18 1246:9	Island 1187:10
	1326:15,18	Internet 1365:5	isn't 1190:19
initiated 1238:7	1327:9,16	interpret 1435:19	1252:2 1298:11
initiative 1270:19	1329:10,20,22	·	1300:19 1309:3
1312:4,8 1343:4	1330:6,12,19	interrupt 1191:9	1320:5 1361:7
	1333:18	1202:2 1314:16	1520.5 1501.7

	1 ag		
1384:4 1412:20	1334:21 1337:20	JOANNE 1185:18	1376:5,18
	1348:5		*
1423:18		<b>job</b> 1195:15	1382:20 1383:7
isolate 1446:14	1351:7,8,20	1322:20 1340:5	1384:3 1389:5
*aana 1425-11	1352:20 1354:13	I.b., 1197.0	1392:5 1393:13
issue 1425:11	1356:10 1357:10	John 1187:9	1429:6 1430:6
issued 1380:19	1358:19 1360:19	1269:13 1428:6	1433:9 1438:17
	1361:5 1363:18	join 1221:12	1443:13 1455:6
issues 1333:18	1366:8 1375:17	, and the second se	1459:15
1378:2 1454:6	1389:16,21	<b>joint</b> 1185:3	1464:4,10
item 1302:5,12	1390:17 1391:2	1186:2 1188:17	1465:7 1466:12
1314:4,13		1189:8 1192:11	
1317:11 1318:1	1392:3 1394:15	1194:10 1230:19	1472:9
1317:11 1318:1	1400:20 1402:12	1231:1	<b>Julie</b> 1192:8
	1403:2,15	1232:4,6,15	1373:13
1433:11,15,17	1406:12 1407:5	1233:2,9,16	
1434:19	1408:19 1412:21	1234:2,10,18	July 1303:17
1441:19,20	1413:10 1418:16		1343:17 1344:11
1442:18,19	1420:16 1421:10	1235:4 1242:14	June 1254:13
1446:9 1465:8	1423:5,19	1250:11,15,18,2	1256:13,22
items 1411:14	1426:2,3 1427:8	2 1251:8,14	1258:4 1313:18
	1430:3 1431:18	1252:1,9,18	
1412:3 1413:12		1253:2 1254:4	1365:6
1441:3,14	1433:13,21,22	1255:14 1256:4	1425:17,21
it's 1191:2	1437:21 1439:13	1259:4,8,17,18	1426:2
1198:3,4,18	1445:11 1447:17	1260:8,19	<b>Junior</b> 1194:1
1201:22	1448:11 1450:19	1261:5,16	
1201:22	1451:15 1456:21	1262:1,11,13	jurisdiction
1203:11 1206:9	1457:10	1264:13,16,22	1212:1 1331:2
	1461:1,12,15,16	1265:3 1267:12	1341:12 1342:5
1218:11 1224:22	1463:8 1465:17		1435:11
1226:2	1466:19 1469:13	1268:10,19,21	jurisdictional
1227:5,15		1270:6	1212:6
1236:18	I've 1198:22	1273:14,18,19	
1237:8,22	1227:4 1314:6	1276:12 1297:14	jurisdictions
1249:8 1257:12	1358:3 1431:6	1298:12,13	1196:19 1246:8
1263:9 1267:16	1453:21	1301:2,13	1331:5 1437:17
1270:19 1282:18		1302:7,8	1438:16
1291:7,9		1308:13,21	
1293:17 1294:16		1309:6 1311:4	<b>justify</b> 1407:3
1296:4,14	<b>January</b> 1225:14	1313:16 1317:7	
	1228:8	1319:1 1321:1	K
1299:16 1301:15	1252:7,15		<b>Kane</b> 1185:17
1303:1,21	1254:8,11	1339:20 1345:16	1190:2,13,21
1305:2,13	1256:8,11,17,20	1362:12,16	1191:19
1309:15 1313:5	1257:18 1303:16	1368:13	
1314:10 1320:4	1419:19	1371:2,19,21	1192:3,6,14,16
1323:8		1374:4	1193:3,11,14,17
1331:12,17	<b>Jersey</b> 1341:18	1375:1,6,11,15	1194:15
,			1204:11,14

	1 ag		
1216:1,5,6,10,15	1348:2,7,9,17	1473:3,5,12,15,1	1268:4,15
,22 1217:2,7,11	1349:2,15	7,20	1301:5 1360:18
1218:16	1350:2,5,9,11,15	1474:2,11,14,18	1368:21 1369:5
1219:8,12,16,21	,17,20	1475:10,17	1379:21 1380:14
1220:2,6	1351:3,6,8,22	´	1399:9 1407:10
1221:1,14,18,21	1352:4,12,16,18,	Kane's 1359:3	1415:2 1416:19
1222:4,6,10,14,1	22 1353:15	<b>Kaye</b> 1187:14	1422:15 1423:13
8,20	1354:12,17,21	Khouzami	1436:20 1439:8
1223:2,12,15,18,	1355:8 1356:20	1221:16	1446:9 1449:4
21	1357:1,12,19	1280:10,15	1471:16,18
1224:2,5,9,12,17	1358:12,16,21	1329:8,16,17	,
,20 1225:2	1362:7,10,15,19	1334:1 1338:19	late 1191:1
1226:5,9,14,16	1363:1,5,13	1339:22 1471:10	1303:17 1421:17
1228:22	1364:9,12,16,21		1470:16
1229:3,14	1365:14,22	kinds 1237:22	later 1190:15
1230:3,5,9,13,21	1366:4,7 1367:2	knowledge	1198:12,22
1231:3,7,14,19	1368:3,6	1304:10 1425:6	1255:5 1265:9
1232:19	1369:10,18	1455:21	1279:5 1298:18
1232:19	1370:10	1462:10,12	1450:9 1460:15
1234:5,13,21	1371:4,13,15,20	known 1270:19	1467:9
1235:7 1239:13	1372:1,5,9,17,19	1351:12	latest 1473:8
1255:7 1255:15	,22 1373:18		
1257:3,9,11	1374:2,6	<b>KPIs</b> 1335:21	<b>latter</b> 1196:18
1265:14 1267:7	1381:15		LAURENCE
1269:8,10	1387:12,15,17,2	L	1186:13
1297:21	0 1389:18	labeled 1298:4	law 1311:12,16
1298:13,15,21	1392:9 1409:18	1368:9	, i
1299:2,5,13	1411:13,17,19	1375:1,6,11	laying 1287:13
1300:6,8,12,20	1412:7,11	laid 1211:18	lays 1392:4
1301:1,11,17,19	1413:7,11	1351:16	lead 1292:22
1314:15	1415:14	language 1213:8	1301:6
1315:7,12,15,19	1419:3,6,20	1246:7 1311:4	leaders 1223:8
1316:1	1427:19 1429:22	1392:5	1280:3
1320:10,15	1430:2,5,8		
1322:17 1338:22	1438:5,8 1444:4	<b>Lapson</b> 1471:22	leadership
1339:17	1455:1 1457:11	1472:1	1203:20,21
1340:2,9,12,15	1459:1,8 1462:7	large 1346:17	1204:1,2
1341:5,8,16,21	1468:14,18,20	1355:16 1422:1	1208:19 1214:7
1342:1,15,20	1469:5,8,11,19	larger 1217:3	lean 1357:10
1343:16,20	1470:8,10,14,18,	1222:13 1440:9	learned
1344:6,11,18	21	1467:13	1330:17,18
1345:3,9,14,21	1471:1,7,12,18,2		1331:9 1355:19
1346:1,7,10,16	1	last 1191:11	1424:21
1347:3,6,11,16,1	1472:1,7,11,14,2	1235:2 1241:5	
9,22	1	1242:17	least 1350:7

1367:2,3 1454:6	1378:10,14	1379:11 1407:7	1461:6,13
1468:17 1469:12	1379:1	limitation 1379:13	lines 1236:9
1472:10	1383:10,18	1397:1 1406:4	1241:20 1243:9
leave 1300:4	1384:12,13	1431:9	1254:4 1256:4
1301:15	1394:8 1395:11		1266:5
1340:4,7,10,12,1	1399:17 1406:5	limited 1305:17	1268:2,15
8,22 1367:3	1407:2 1415:6	1435:10 1460:8	1270:7,11,18
led 1344:7	1433:5 1453:1	limiting 1368:8	1282:6 1297:8
	1454:5 1466:11	<b>limits</b> 1410:6	1309:13
legal 1197:2	levels 1247:3	1413:3	1310:17,21
1206:9 1218:4	1252:2,8	line 1197:13	1364:1 1388:17
1292:15 1294:19	1265:10 1284:22	1217:12 1235:15	1392:16 1399:3
<b>legend</b> 1445:20	1285:10,16	1239:6,22	1400:7 1413:20
1448:9	1286:7 1305:17	1241:22 1243:16	1417:17,18
legislation	1307:8 1311:8	1246:21,22	1420:14 1428:10
1344:13	1384:15 1393:16	1251:20,21	1464:5
lenient 1349:6	1394:18 1395:5	1260:6,13,15	list 1293:13
	1400:6 1408:7	1266:6,7	1353:3,6 1362:4
lenses 1303:2	1409:8 1410:11 1411:5 1412:15	1268:4,15	1373:5 1382:22
less 1197:20	1417:10 1430:15	1273:8,9	1390:18
1198:4,10	1417.10 1430.13	1274:7,8	listed 1293:14
1226:22	1451:7 1455:20	1275:10,11	1306:3 1311:8
1263:3,20		1276:13,16,17	1401:2 1408:9
1264:2 1330:10	leverage 1407:16	1282:11	1410:17 1440:16
1331:8 1350:20	1425:6	1291:20,22	listening 1398:14
1364:5 1416:5	leveraged 1425:3	1292:4,12	S I
lessons 1330:17,18	Lewis 1186:10	1302:5,20 1303:5 1304:5	listing 1380:22 1441:16 1442:15
1331:9	lie 1199:13	1308:10,11,18,1	
let's 1193:18		9 1312:2	litigation 1343:1,2
1200:7 1228:4	life 1269:19	1348:14 1350:13	little 1193:9
1245:2 1253:12	<b>lift</b> 1450:10,14	1351:1,17,21,22	1195:2 1201:12
1279:20 1287:19	likelihood 1260:20	1352:1,8,9,13,21	1272:7 1288:11
1291:19 1299:5	1261:3,6,17	1353:5 1359:19	1302:19 1303:1
1308:10 1346:11	likely 1295:4	1361:3,22	1305:5 1355:7
1353:3 1374:1	1298:8 1409:21	1388:3	1380:4 1406:11
1387:20 1400:20	1410:5,9	1393:7,8,9	1433:21 1435:12
1405:8 1459:11	1410.3,9	1400:4 1414:12	1437:15 1466:10
level 1198:3		1422:20 1423:3	LLC 1185:5,6
1259:2,4 1262:2	likewise 1381:8	1434:1,19	1190:7
1263:9 1283:6	1400:5	1435:22 1440:18	LLP 1186:3,7
1296:21 1305:21	<b>limit</b> 1276:19	1441:3,14,19,20	1187:14
1307:2 1335:21	1353:22 1368:14	1442:18,19	load-driven
1341:15		1452:14	ivau-ui iveli

	1 46	· · · · · · · · · · · · · · · · · · ·	
1442:6 1443:5	1361:7 1364:8	1285:4 1297:8	1376:1
load-related	1377:8,18	1304:7 1353:19	mark 1188:7
1441:22	1386:5 1422:1	major 1245:1	1231:10 1232:5
-	1425:16 1450:22	1355:17 1396:11	
local 1200:9			1239:8,11
1223:7,10	lots 1194:20	1409:3	1267:6 1314:16
1246:7 1336:8	lousy 1279:17	majority	1369:1 1418:21
1342:5	lower 1217:12	1223:10,11	marked 1188:16
<b>locate</b> 1326:1	1259:3 1341:21	1238:1 1287:1	1189:1
located	1379:18 1445:19	manage 1336:6	1232:19,20
	1451:6	1423:21 1451:22	1233:4,5,8,10,11
1323:6,8,10			,12,18,19,20
1324:13	luck 1437:11	managed 1198:2,4	1234:3,5,6,11,13
1325:1,11,18,22	lunch 1299:17	management	,14,19,21,22
1326:5,8,11,16	1300:16 1342:16	1198:20 1206:22	1235:6,7,8
locating 1327:2	1364:13 1366:8	1207:9,15,16	1239:13,14
location 1340:22	1367:5 1371:6	1208:2,9 1209:8	1243:7 1267:7,8
	1372:16	1210:8 1216:19	1273:13 1312:18
<b>Loeb</b> 1186:3,7		1229:10,11	1313:13
long 1218:21		1292:20	1314:2,22
1237:12 1289:10	ma'am 1205:10	1293:3,5	1370:6,9,16
1319:8 1330:2		1295:15 1304:16	1398:18
1358:4 1408:21	1211:20	1319:15 1326:20	1419:6,7
1445:12 1469:14	1213:17,22	1329:2 1330:15	1429:5,18
	1217:1	1335:15	1430:3 1443:11
longer 1271:5	1224:1,4,19	1356:15,17	1455:5,9,14
1330:7 1450:22	1226:8 1229:17	1357:9 1358:9	1456:1,11
long-standing	1231:16 1323:19	1424:20	1457:20,22
1442:21	1331:6 1341:7	1427:9,13	1464:9,22
loop 1279:19,21	1360:12 1419:5	1435:8,9 1446:8	1468:9
_	<b>Madam</b> 1320:16	ĺ	
Lorenzo 1186:3	1322:15 1370:18	manager 1196:22	market 1186:10
1191:8	1419:3 1428:2	1204:4 1209:15	1218:8 1278:11
1192:2,4,7	1473:16	managing 1227:20	1326:9 1461:8
1193:12,13,16	main 1326:8	1325:13 1327:14	1462:1,2
1300:12 1371:18		manner 1262:19	1463:15
1372:6	<b>maintain</b> 1340:19	manner 1262:19	markets 1462:21
1373:14,20	1342:6 1389:22	maps 1214:18	Maryland
1470:3,9,13,17,2	maintained	<b>Mara</b> 1376:16	1195:16
0,22	1242:5	1380:5 1474:15	
1471:5,11,15,20,			1210:7,17
22 1473:9,13	maintaining	<b>March</b> 1194:11	1211:1,5,10,16 1212:10 1213:3
lost 1322:2	1285:2	1215:10	
	maintenance	1228:10,12	1218:6 1219:9
lot 1194:18	1263:7 1264:1	1267:13 1268:21	1220:10 1224:3
1196:4,6 1337:7		1347:8,17	1226:7

	rag	C 30	
1229:15,17	1471:14,16	mechanism	members 1213:19
1240:5,6,13	McPherson	1329:5,7	1415:20
1244:4,18	1187:14	meet 1196:10	memory 1216:2
1245:17 1246:15		1202:14	,
1248:2 1266:10	<b>MEA</b> 1369:4		mentioned
1267:12 1268:20	mean 1227:9	1210:2,6	1203:14 1209:19
1341:17 1360:6	1241:13 1270:18	1211:20	1213:13 1338:5
1363:20	1276:19 1277:15	1212:8,9	1423:8
1371:9,10,11	1278:6 1282:10	1213:19 1259:19	merger 1185:7
1426:20	1287:13 1292:11	1264:5,16	1190:5 1194:22
1427:1,9 1434:3	1295:19 1300:12	1303:8 1309:16	1195:12,17
1435:4,17	1307:16 1314:22	1311:5 1317:10	1195.12,17
<u> </u>		1319:2 1342:6	7 7
material 1276:20	1321:18 1322:5	1345:7,12	1215:2,7
math 1249:17	1325:3	1348:20 1377:1	1218:17 1219:4
1275:3 1296:6	1327:1,18	1384:2,20,22	1220:20 1222:11
1321:6,15	1342:3 1386:1	1387:3 1389:9	1226:7,12
<u> </u>	1389:21 1397:17	1392:1 1394:11	1227:22 1228:5
mathematically	1399:6 1406:7,9	1402:5	1229:22
1321:18	1411:16 1412:1	1403:9,12	1237:9,11
1322:1,5	1425:1 1437:5	1404:7,16	1238:11,17
matter 1185:3,13	1442:14 1452:6	1408:6 1409:12	1240:20
1190:5 1191:4	1463:4,21	1411:11	1241:5,18
1358:19 1369:16	1468:1,15	1414:16,20	1271:8,15
	meaning 1284:16	1428:21 1430:16	1276:9 1285:1
matters 1190:10	1292:17 1420:20	1431:2,15	1293:20 1295:7
may 1200:19	1431:14	1432:18 1435:18	1302:9
1207:20 1225:5		1454:15	1303:15,19
1240:9 1278:1	means 1227:1		1314:12 1347:7
1310:7 1341:16	1350:17 1448:17	meeting 1199:16	1353:9 1365:7
1363:16 1368:5	meant 1247:15	1200:14,15	1377:2 1378:1
1371:7 1379:16	1340:9	1201:22 1210:22	1382:22 1396:18
1389:18 1391:20	measure 1273:3	1214:3,13	1400:22 1402:3
1411:19 1437:8	1337:6 1342:13	1259:21 1295:2	1403:7
1445:11 1474:11	1356:12 1384:7	1306:7 1366:16	1410:18,21
maybe 1238:3		1408:4 1438:18	1414:4,17,21
1279:7 1280:4	measured 1201:6	1450:8	1415:8 1423:4,6
1314:1 1340:22	1236:15 1335:18	meetings 1197:5	1424:14 1428:22
	1337:11 1437:18	1198:10 1203:21	1431:17 1433:9
1342:8 1431:12	measurement	1214:17	1445:11,12,15
1466:16 1472:14	1236:16 1359:22	1277:6,11	1454:9,13
1475:15		1278:2,13,19,21	1456:11 1458:6
mayor 1344:12	measurements 1201:6	1372:12	1459:20
McGowan		meets 1213:16	message 1191:21
1192:5,6	measures 1238:6	member 1203:18	met 1196:6 1253:8
1300:17,19		member 1203.18	met 1190.0 1233.8

	1 46		
1337:16 1348:18	1283:18 1299:1	1243:8,21	1269:13,16
1402:7 1436:18	1429:17 1444:14	1258:12 1267:16	1373:13 1470:15
1438:17	1449:17	1387:9,21	1473:6 1475:20
methodological	<b>minutes</b> 1249:8	1400:3 1420:9	move 1195:15
1272:13	1250:18 1270:1	1422:10	1197:18
	1284:20	moments 1241:3	1230:11,18
methodologies	1286:18,20	1449:18	1232:11 1262:7
1357:8	1287:11,14		1284:5 1362:12
methodology	1288:2,22	momentum 1238:10	1363:6,11
1245:9 1272:8	1289:5,13,20		1364:19 1365:20
1360:2	1290:4	<b>Monday</b> 1190:20	1370:3,5
metric 1244:21	1291:5,7,9,13,15	1300:19 1301:14	1379:17 1392:8
1247:5,6	1299:11 1305:21	1373:22 1374:1	1413:13 1425:7
1341:17	1352:7,13	1427:22 1468:21	1428:1 1471:16
metrics 1202:19	1451:12 1467:7	1469:18 1473:6	moved 1197:19
1210:2,3,6,12	mismarked	1475:15,18,20	1230:21
1211:9 1229:10	1398:10,11	money 1220:9	1300:18,20
1235:17 1236:19	missed 1203:2	1306:18 1307:22	1342:22 1362:15
1243:3 1246:9		1396:14,16,20	1363:13 1364:21
1247:16,18	missing 1309:8	1397:3	1370:12,20
1335:18,22	misspeak 1241:13	1403:1,19	1371:4
1336:5,7,10,11,1	mix 1451:19	1404:3,7	movement
4,16,17,22		1406:10 1408:22	1463:22
1337:1,3,11,15	model 1198:20	<b>monitor</b> 1197:12	moving 1194:12
1338:11	1206:22 1207:9,16,17	Montgomery	1312:4 1353:17
1341:9,10,11,13	1207.9,10,17	1435:5	1363:18
1400:8	1208.2,9 1209.8	<b>month</b> 1199:1	1416:2,5
middle 1309:9	1293:4,5	1336:3	ŕ
1310:2	1295:15 1326:21		multi-part 1378:11
1469:14,15	1329:3 1330:15	months 1238:3	13/8:11
millions 1396:13	1335:15,17	1279:2 1331:14	multiple 1356:10
mind 1255:10	1353:17	1340:4 1347:12 1359:9	1382:11
1288:3 1359:15	1356:15,17	1423:9,12,13	multiply 1289:7
1411:22 1454:10	1358:2 1424:21	1449:9 1451:13	multi-year
	modifications		1319:11
mindset 1227:5	1254:16	morale 1372:13	1351:7,8
mine 1299:18	modified	<b>Morgan</b> 1186:10	1382:17
1362:22	1309:15,17	1472:4 1473:7	municipal 1289:7
minimal 1195:18	ŕ	<b>Morgan's</b> 1473:14	-
minus 1275:13,15	moment 1191:19	morning 1190:2	mutual
·	1192:16 1193:11	1193:5,7	1224:21,22
minute 1191:22	1239:2,7 1240:1	1231:22 1232:1	1225:1,6,11,16
1244:2 1258:5	1242:20	1201.22 1202.1	1226:19,22

	O	· · · · · · · · · · · · · · · · · · ·	
1353:18	non-performance	9	<b>obvious</b> 1256:15
myself 1277:10,16	1260:20	1435:3,10,16,17,	1290:19
1282:5	1261:6,18	22 1436:5,10	obviously 1303:13
1202.0	nor 1276:8	1437:16	1326:15
N	1476:11,14	1438:14,21	1328:11,14
nail 1318:17	normally 1208:11	oath 1231:15	1330:15 1339:14
	l	<b>object</b> 1241:6	1444:2 1475:13
Nancy 1187:18	Northwest	1254:15 1265:7	occasion 1225:2
1320:21	1185:15	1392:3 1411:1	1456:5 1463:13
narrative 1444:9	1186:4,14,18	1412:19 1437:22	
nature 1218:4	1187:6,10,15,19	1456:19 1461:5	occasions 1402:20
1262:20 1263:16	note 1221:19		occur 1214:9
1406:12	1298:17	<b>objection</b> 1315:20	1278:19 1318:10
necessarily	notes 1427:2	1364:6,22 1365:1 1389:11	1409:22
1349:12 1355:13	nothing 1260:3	1415:10 1432:11	1410:5,9
1475:6,8	1345:11 1383:13	1438:10 1458:11	1423:16
ĺ	1343.11 1383.13		occurred 1276:3
necessary	1412:5,13	objective 1202:13	1278:21 1380:18
1212:7,19	1413:13 1424:2	objectives 1201:21	1396:7 1409:4
1213:7,9 1362:2		1210:19	occurring 1451:17
1376:6 1405:3 1412:21 1425:18	<b>notice</b> 1474:5	obligated 1397:4	١
1412:21 1423:18 1456:12 1458:6	noticeably	obligation 1307:8	occurs 1450:21
	1251:15 1253:6	1345:12	October
nefarious 1255:17	November 1279:7	1378:5,8 1385:7	1279:3,4,6
neighborhood	1344:16	1387:4 1388:13	1303:17
1271:2	numerous	1389:21 1390:4	offer 1240:17
neither 1276:7	1342:20 1402:19	1391:6	1251:22 1314:21
1476:10	1415:15 1434:8		1315:2 1364:5
		obligations	1365:2
nervous 1257:8	numerously	1385:21 1391:10	1459:19,20
nice 1269:17	1374:6	O'Brien	1460:9 1461:22
Nicola 1187:4		1203:7,14,17	1462:19
1190:16 1369:14	0	1213:11	1463:1,8,12,16
<b>night</b> 1191:11	<b>O&amp;M</b> 1203:10	1223:6,17,18	offered 1259:19
1301:5 1470:7,8	1304:5,11	1266:14	1307:11 1376:16
, in the second	1305:1,3 1311:8	1284:2,3	offering 1380:5
Nine 1222:19	1379:3,10	1292:17,22	1396:18
nobody 1407:19	1380:7	1323:9,10,13	
noise 1230:14	1395:5,19 1400:14 1401:12	1335:6,20 1336:3 1342:11	office 1186:14 1236:3 1326:8
	1430:18 1432:17	1355:6	1236:3 1326:8 1369:7
non-D.C 1272:20	1430:18 1432:17		
none 1226:14,15	1433.2,5	observations	officer 1194:4
1318:10	1.5.2,0,11,10,1	1463:11	1197:22

	1 ag		
1198:6,9 1206:4	1292:3,11	1473:15	1424:22
1208:18 1209:10	1294:22	1474:2,14	
1339:11	1296:3,8 1301:1	, in the second of the second	operation 1285:4
	1302:3,6,16,19	<b>old</b> 1342:16	1297:7 1304:7
officers 1203:5,22	1303:12,15,21	<b>Oliver</b> 1376:17	1460:13
1204:1 1209:13	1304:4,14	1472:22	operational
officially 1228:5	1307:10 1308:3	ones 1213:13	1210:18 1211:9
officials 1200:9	1309:1,6,22	1307:16 1314:17	1292:16 1294:20
	1310:11,13,20	1336:1 1373:6	1334:17
off-line 1214:13	1311:20	1386:2	operationally
1365:17	1312:2,20		1423:20
oftentimes 1218:9	1312:2,20	one-year	
<b>oh</b> 1204:13	1317:2,4	1321:13,16,18,1	operations 1238:8
1281:17 1332:13	1317:2,4	9,20 1322:3,6	1248:1,2,13
1429:20 1459:11	1319:7,19	ongoing 1237:22	1249:16
1429.20 1439.11	1345:14,21	1285:12 1295:8	1250:3,12
	1349:15	1341:5 1388:13	1280:18 1329:22
okay 1194:17	1350:2,4	on-site 1225:15	1334:15,16
1207:7,13	1364:14 1367:4		1462:8
1221:20 1222:14	1370:10 1371:20	<b>OPC</b> 1186:12	operators 1349:11
1228:15,17	1373:11 1374:2	1189:13,14,15	opine 1387:8
1235:14 1240:3	1388:6 1390:21	1234:2 1364:20	<u>-</u>
1243:20 1244:2	1393:4,12	1365:16 1369:4	<b>opinion</b> 1376:22
1246:19 1250:7	1398:15 1399:20	1370:8,13,15	1377:3
1257:5 1258:9	1403:16 1405:10	1371:3 1376:16	opportunities
1260:18 1265:20	1415:16 1426:9	1386:12	1283:17
1266:4,8	1429:2,4,15	1419:1,7 1429:7	onnoutunitu
1268:18 1269:3	1430:2,22	1430:7 1443:13	<b>opportunity</b> 1195:9 1299:6
1270:5,17	1433:7 1434:5	open 1314:7	1330:13 1356:3
1271:20	1437:4 1440:2	operate 1200:21	1376:14 1387:11
1273:7,11,17	1441:6 1442:4	1213:7 1332:21	1449:19 1468:22
1274:4,18	1443:1,10	1355:21	
1275:4,7	1444:13,17		opposed 1205:5
1276:6,11,18	1445:10 1447:6	operated 1331:1	1295:7 1355:4
1277:4,13,17	1448:7,19	1462:21	1361:2
1278:2,6,17,19	1449:15 1452:11	operates 1323:4	<b>OPSI</b> 1366:16
1279:3,10	1453:16 1454:18	1460:10	
1280:13 1281:3	1455:22 1458:5		orally 1474:22
1282:1,10,20	1460:12,20	operating 1203:4,22	order 1237:18
1283:2	1463:11	1203:4,22	1238:1,11
1284:11,19	1464:2,13	1206:4 1208:18	1254:18 1255:8
1285:7 1287:11	1465:4 1468:5,7	1217.9 1219.10	1288:20 1289:3
1288:5,12	1469:11 1470:20		1300:14 1343:18
1289:3,10	1471:21	1331:5,20 1332:22 1339:11	1362:22 1366:22
1291:15	1472:4,7	1334.44 1339.11	1373:10,11
	, ,		

	1 46		
1403:12 1425:12	outages 1237:6	1400:3	1308:10,11,14,1
1432:18	1354:1 1467:3	owner 1197:2	8,19,22
1435:14,18	outcome 1476:15	owners 1460:22	1309:7,9,13
1436:17 1438:16	outer 1450:6		1310:16,17,21
1454:15 1457:1	1454:2	ownership 1236:7	1312:2
1471:4	outlined 1229:12		1314:4,13 1316:13 1345:18
ordered 1376:4		P C 1106 10	1348:13
<b>orders</b> 1376:3	outlines 1380:20	<b>P.C</b> 1186:18	1353:2,10
1380:19	<b>outside</b> 1223:11	<b>p.m</b> 1367:5	1368:17,19,21,2
organization	1306:20 1311:22	1368:2,4	2 1383:2,5
1197:6,11,13	outstanding	1475:21	1386:8,17
1198:17 1202:21	1451:19	package	1387:6,18
1206:8 1207:14	overall 1204:7	1333:5,9,12,15	1388:2,3,17
1211:7 1217:4	1280:15 1292:19	<b>page</b> 1186:22	1392:14,16,22 1393:8
1323:1	1328:17 1379:22	1188:22	1393:8
1325:8,10	1380:2 1405:3	1235:13,15	1394.19,22
1334:11,12 1335:2,9	1451:12,21	1236:9	1397:22
1337:2,4	1475:6	1239:6,20	1398:1,2,6,7,9,1
1460:14 1462:22	overbroad	1241:20	1,18 1399:4
	1310:7,8	1242:13,20	1410:12,15
organizations 1217:17 1334:9	overhead 1216:17	1243:1,9,14,15	1413:18,20
	1217:8,13,18	1244:18 1246:17,21	1414:11,12
original 1260:1	1219:17 1220:7	1240.17,21	1415:18
1295:20 1296:10	1221:2 1450:17	1250:0,8	1417:1,16
1309:9 1320:1	1451:1,3,9,20	1251:20,21	1419:18
1420:16	overhead-related	1253:13,20	1420:3,4,11,14,1
originally 1254:13	1467:3	1254:4 1256:4	5,16 1428:10,13
1256:13 1260:21		1258:3,16	1433:10,12,13
1261:7	overnight 1363:3	1260:5,9,11,13	1444:7
1287:12,15	oversee 1341:4	1266:3,7	1445:19,21,22 1446:17
1298:3	overseeing	1267:16,17,19,2	1448:1,8,11,14
others 1437:6	1325:16 1327:14	0,21	1464:4
1474:6	1336:18	1268:1,11,12,14,	
otherwise 1274:13	oversight 1198:5	16 1270:6,8	pages 1239:17,18
1476:15	1204:6 1323:5	1273:8,9	1243:13 1259:11
<b>Ou</b> 1405:1	1324:11,15	1274:7,8	1267:11 1268:9 1308:16 1346:2
	1334:6,11	1275:10,11 1276:13 1282:6	1364:2,5,6,13
ought 1308:5	1340:19,21	1270.13 1282.0	1368:10,11,15,1
outage 1245:1	1341:6 1357:15	1291:20,21,22	8,19 1369:3,6
1289:1 1450:21	overview 1283:16	1293:20 1297:8	1381:3 1388:6
1451:1	owe 1370:19	1302:5,17	1392:18,21
	OHO 13/0.17	,	ŕ

	rag	C 43	
1441:10 1442:14	<b>partly</b> 1406:15	1327:5 1337:5	1424:3,13
1448:20	partnership	1339:4 1396:20	1425:10 1426:5
   pagination	1271:1	1474:20 1475:13	1429:1
1420:16		<b>People's</b> 1186:14	1431:1,8,14
	<b>party</b> 1381:10	1236:3 1362:19	1432:22 1434:1
paging 1440:13	passed 1344:14	1364:16,18	1435:17,22
paper 1261:21	Passover 1191:3	1369:7 1371:21	1440:16 1443:2
1298:3,7,9,16		1381:16,22	1444:11 1445:1
papers 1440:10,14	<b>past</b> 1331:14 1402:20 1418:19	<b>PEPCO</b> 1185:4	1446:1
parent 1217:12	1421:2 1444:9	1190:5 1194:19	1448:12,16 1449:18 1450:5
Park 1186:7		1224:10,18	1452:17
Park 1186:/	<b>path</b> 1316:2	1225:2 1226:1	1453:13,15
Partially 1427:4	<b>Patton</b> 1187:18	1247:1	1462:20 1463:13
participants	pay 1218:2,13	1248:5,21	
1281:5		1249:6,13,22	PEPCO's
nauticinate	paying 1216:18	1252:15	1247:5,6,19,22
participate 1225:18	1217:11,13,21	1262:20,21	1248:1,12
1225:18	1218:14 1219:17	1263:2,18	1249:15
participation	1220:6 1221:2	1264:20 1266:17	1250:2,11
1278:1	<b>PECO</b> 1202:22	1271:3 1277:20	1252:20 1253:4
particular	1225:15 1242:11	1281:14 1293:1	1254:8 1256:8
1263:15 1281:8	1277:22	1295:6	1262:4 1269:21
1299:21 1301:2	1278:4,10	1296:17,19	1274:1 1275:8
1376:21	1281:6 1326:5,8	1303:5 1304:5	1282:21 1283:4
1376.21	Pembroke	1312:13 1313:16	1284:15 1285:12
1412:3 1420:14	1186:17	1345:7 1348:18	1295:8 1297:6
1433:10 1456:20		1351:13	1311:22 1349:18
1460:4	penalties 1253:9	1352:5,19	1351:10,12
	1260:9 1306:11	1355:1	1353:8 1377:11
particularly	penalty 1260:20	1357:2,16	1387:2 1416:18
1208:7	1261:1,6,9,18,19	1374:19 1377:7	1418:11 1420:6
parties 1191:12,14	1378:17 1383:20	1378:4 1380:20	1422:14 1426:20
1192:7 1194:15	1384:7,8	1382:13 1385:16	1430:14,19
1197:9,16	1394:17 1396:17	1391:19	1432:17 1435:5
1198:8 1214:14	1405:14,21	1395:9,16	1456:13 1458:8
1255:14 1301:2	1408:4,5,10,12,1	1401:1,3 1403:9	per 1245:16
1308:13,22	3	1405:5,18	1417:11 1434:21
1309:6	Pennsylvania	1407:19	1447:17
1366:10,13	1186:11	1409:12,15	percent 1236:13
1371:6 1373:15		1413:20	1237:5
1376:8 1386:4,7	people 1196:6	1414:7,16,20,22	1237.3
1390:17 1474:6	1209:14	1415:9	1247.3,0,10
1476:12,14	1223:12,21	1416:5,9,14	1249.14 1230.1
	1322:22 1326:18	1417:3 1420:20	
			1304:20 1417:11

1434:18,21	performers	1282:12	places 1263:2,18
1438:15 1447:8	1294:15	1287:5,6,8	<b>plain</b> 1392:5
percentage	perhaps 1303:17	1327:3,5,12,15,2 1 1328:11,12	<b>plan</b> 1192:3
1206:1,5,12,15	1341:13 1343:2	1330:6,7,19,20	1197:6,9
1275:9 1283:9	1357:22 1422:18	1331:4,10,16	1200:22 1201:20
1417:12 1461:2	1437:12	1332:1,2,12,18,1	1210:18 1260:1
percentages	<b>period</b> 1216:13	9 1333:8,15	1312:7 1330:19
1205:18 1247:17	1238:3 1271:4	1335:16 1338:6	1344:15 1345:4
1436:2 1461:9	1274:10,21,22	1356:1,6	1357:5,7
<b>perform</b> 1396:16	1278:20 1280:5	1417:22 1449:13	1420:21
1433:1	1287:21 1291:1	Philadelphia	1421:6,12,14,15,
performance	1311:7 1326:15	1186:11 1278:10	18 1422:5,7
1242:6,16	1327:10	1323:11	1434:10 1441:18
1254:9 1256:9	1339:7,9	1325:11	1445:3 1446:22
1254.9 1250.9	1347:19 1357:6	1340:16	1448:2 1465:15
1274:6 1275:9	1377:13 1378:12		1466:2
1287:20 1306:12	1434:17 1441:17	<b>Phillips</b> 1185:19	<b>planned</b> 1262:12
1336:15 1337:20	1448:1,6	1192:14,15	1381:4 1448:4
1349:3,12,19	periodic 1280:4	1193:5,8	planning
1360:18	periodically	1194:17,18	1338:11,14,18
1378:10,21	1213:16	1199:20	
1379:1 1382:11		1200:3,6	plans 1339:15
1383:10,19	<b>periods</b> 1448:17	1201:11,15	1446:21
1384:10,12,13	permitted 1449:19	1202:9 1203:12,16	<b>played</b> 1418:17
1394:5,7,9	person 1207:20	1203.12,10	please 1193:21
1397:4	1209:11,13		1229:7 1231:19
1401:19,20	1220:14 1304:13	PHI's 1417:15	1235:12 1236:14
1408:14 1415:2	1325:4,18	phone 1341:14	1237:12 1241:20
1416:11,14,19	1326:4,5	<b>phonetic</b> 1366:16	1242:1,18
1418:11,17	1329:18 1471:9	-	1243:9,11
1422:15 1424:17	1473:10	phrase 1428:20	1244:2
1427:13 1430:15	personally 1211:4	physically	1246:12,17
1451:2,7	1287:14	1323:10 1340:21	1248:11 1250:5
1453:20 1454:5		pick 1469:17	1253:12,15
1466:5,15	perspective	-	1256:2 1258:2,5
performances	1203:9 1255:1	piece 1194:8	1260:10,11
1418:2	1338:7,9	1196:18 1324:18	1261:3 1267:2
	<b>PHI</b> 1208:6,7,19	1430:12 1447:15	1276:14 1310:12
performed 1263:7 1264:1 1338:2	1226:1	PJM	1363:10 1373:7
1432:22	1277:20,22	1460:13,17,22	1374:15 1392:15
	1278:5,6	1461:10,14,17	1393:2 1395:15
performer	1279:14 1280:22	1462:9,11,21	1397:22 1413:18
1294:13	1281:6,14	1463:14	1443:11 1448:8
	1201.0,11	1.00.11	

	1 46		
1453:16 1464:9	1409:1 1425:4	post-June 1254:22	preceded 1255:5
1475:1	1437:19 1438:20	1255:3	<b>precise</b> 1290:15
pleased 1196:9	1462:4	post-merger	precondition
pledging 1412:14	<b>pointing</b> 1255:11	1194:19 1195:3	1456:12 1458:6
• 0 0	1370:20	1198:19 1200:6	
PLUG 1259:15	points 1203:2	1201:17 1204:18	predicating
1260:1	1292:9 1293:19	1206:20,21	1447:8
1262:7,17,22	1297:4 1364:1	1215:17 1217:18	Predominantly
1263:11 1264:17		1222:7	1278:4
1270:19,22	policies 1200:18	1395:9,16	pre-February
1271:7,11,18	1423:18	1462:3	1255:15
1272:15,19,20	<b>portion</b> 1247:21	potential	
1276:3,8	1252:6 1282:15	1293:13,14	prefer 1257:14
1285:19 1295:9	1284:12 1286:5	1425:9	prejudge 1439:1
1296:12,14	1309:2 1329:22		preliminarily
1309:18 1311:21	1432:6 1436:10	potentially 1322:9	1232:15
1312:4,8,22	1447:4	1405:13	1232.13
1317:9	<b>portions</b> 1288:15	Potomac 1185:4	1233:1,8,13
1318:2,11,15,22	1355:18	1190:6	1234.1,9,17
1321:13,16,19		power 1185:5	1239:4,10
1322:4,6,11	position 1194:3	1190:6 1270:18	1243:6 1265:22
1343:4,7 1344:8	1199:22	1462:21	1243.6 1263.22
1345:11 1415:21	1201:7,8		
1451:18 1465:10	1204:19	PowerPoint	preliminary
1466:16	1266:15,20	1444:10	1190:10
<b>point</b> 1197:12	1364:3	practice 1293:8	premarked
1198:14 1202:20	positions 1200:19	1443:3	1194:10 1369:22
1203:7 1215:9	positive 1352:2	practices 1198:16	1370:2,8 1419:1
1227:7,20	1422:19 1423:3	1207:1	pre-merger
1246:2 1254:16		1207.1	1195:2
1255:5,13	possessive	1208:10,17,20	1215:20,21
1259:7 1264:8	1449:12	1209.9 1223.21	1213.20,21
1265:7 1283:11	possibility 1426:5	1280.9,22	1219.12 1221.3
1290:8 1301:9	1449:18	1297.2	1460:10
1318:16,18	possible 1227:6	1292.8,14,18	
1332:16,17	1238:10 1343:2	1293.14	premised 1304:8
1343:2 1349:20	1373:8,9	1328:13 1333:1	prepare 1260:18
1351:3,18,20	1455:11 1475:3	1342:17	1261:4 1433:1
1352:19,21		1353:1,7 1355:4	
1356:13	<b>possibly</b> 1236:19	1424:20	prepared 1221:21
1359:18,19	1271:4 1279:8		1261:11,16 1433:3
1363:7 1376:2	1295:4 1306:22	pre 1194:19	1433.3
1377:19 1386:20	1431:11	1204:18 1206:20	ŕ
1393:9 1408:12	post 1227:3,7	1217:18 1418:21	preparedness
	<u> </u>		

	1 46		
1353:18	primarily 1464:1	1391:16	1381:9 1387:4
preparing 1365:9	primary 1442:10	1393:10,21	1389:7 1402:21
	· · · ·	1411:2 1427:10	1423:19 1427:9
present 1246:22	<b>Prince</b> 1435:6	1436:3,21	1451:19
1250:10 1253:22	<b>prior</b> 1195:12	proceedings	1453:6,12
presented 1235:21	1199:22	1380:15 1475:22	1465:10,16
1244:12 1262:15	1215:4,14		1466:2
1265:1 1316:20	1216:6	proceeds 1271:15	<b>programs</b> 1237:20
presenting 1399:4	1225:10,16	process 1195:5	1238:7 1287:8,9
1448:20	1237:9 1238:11	1197:15,21,22	1353:20 1447:4
presents 1253:21	1264:12 1353:11	1198:3,11	progress 1280:6
-	1376:15	1201:16,20	
president 1187:3,5	prioritized	1202:12,16,18	progression 1199:2
1190:17 1195:14	1293:12	1203:6	
1198:13,16	priority 1200:13	1205:17,19	progressive
1203:7 1205:2,8	· · · ·	1207:8,15 1209:21 1225:20	1303:2
1209:16	probably 1214:12 1225:7 1228:12	1209.21 1223.20	project 1259:15
1215:2,15 1223:4 1319:14	1236:18 1278:21	1279:12,22	1262:17 1263:12
1323:5 1374:19	1283:10 1340:1	1283:22 1293:3	1270:14,18
	1342:3 1347:14	1315:13	1271:1 1272:12
press 1365:6	1366:15 1373:6	1324:5,8 1330:2	1319:15 1320:2
pressures 1227:18	1433:22 1468:16	1333:17,20	1380:9 1416:3,6
presumably	1471:12	1335:17,20	1441:11,12,22
1404:7		1338:11,14,18	projected 1304:18
	problem 1202:8	1344:2 1348:6	1430:14
presume 1219:16	1364:10,14 1368:10	1354:19 1355:4	
1220:12 1221:5		1359:7,8	project-related 1381:3
<b>pretty</b> 1308:15	problems 1337:4	1361:19 1376:3	
1453:7	procedure	1378:1 1434:19	projects
preventive	1227:10 1329:1	1436:4,7,20	1262:7,12,21
1353:19	1354:6,8,14	1439:18 1447:14	1264:9
<b>previous</b> 1304:19	procedures	processes 1205:22	1319:12,17,21
1388:2 1443:17	1225:21 1237:20	1207:19 1237:20	1320:5 1345:5
	1287:9 1331:19	1356:11 1357:10	1441:16 1442:15,22
<b>previously</b> 1215:12 1222:21	proceed 1293:21	procurement	, i
1215:12 1222:21 1223:1 1231:12	1315:21 1444:4	1459:19 1460:10	promote 1268:21
1232:4 1238:9		1462:19 1463:12	promulgated
1439:8	proceeding		1343:9
	1244:11 1258:4	<b>produced</b> 1406:10 1440:10	<b>pronoun</b> 1428:19
<b>price</b> 1462:20	1262:10 1265:9		1449:13
prices	1266:22 1320:22	producing 1422:8	
1463:14,15,18,1	1338:17 1374:22	program 1295:8	proportion 1283:9
9,22 1464:1	1376:4,8 1383:8	1304:16 1355:16	proposal 1286:18

	1 ag	U 2.	
1288:6 1295:20	1212:15,22	1210:11,13	1420:5 1422:19
1296:10	provides 1243:1	1211:8 1212:3	1428:18
propose 1261:20	•	1294:13,14	1430:11,12
1271:15 1283:20	providing 1204:6	question	1438:2,3,5,6,7
1284:5 1471:15	provisions 1431:8	1195:1,10,22	1453:18
	•	1193.1,10,22	1457:15,18
proposed 1185:7	<b>PSC</b> 1211:16 1267:13	1207:6,12	1458:1 1462:18
1218:17 1260:8	1267:13	Ź	1464:6 1465:4,6
1261:1,9	<b>public</b> 1185:1,14	1220:8,11 1224:6	1466:9,11
1268:22	1210:7,17		1467:16
1284:16,20	1212:10 1213:3	1226:5,19	1469:14,15
1286:21	1218:6	1228:16	ŕ
1287:12,15	1229:12,14,16	1229:1,18	questioned
1301:4 1310:2,4	1232:10 1244:4	1230:4 1241:14	1266:11
1390:2 1414:17	publicly 1351:12	1254:16	1348:14,17
1427:5 1428:21		1255:10,17,19,2	1386:4
1431:2,16	public-private	1 1256:16	questioning
1459:20	1270:22	1257:2 1263:14	1194:13 1363:6
nuonosing 1202.6	purchasing	1265:17 1279:17	1388:1 1456:20
proposing 1283:6	1407:16	1288:11,21	1461:6
1290:12,14	- 10 / 1 - 0	1295:17 1297:1	
1303:7 1391:9	purpose 1185:6	1304:13	questions 1192:17
1401:11 1403:7	1190:8,9	1305:12,19	1193:3
proprietary	1402:9,11	1306:13 1317:13	1194:14,16
1354:5,19,20	1403:11 1404:11	1318:20 1319:4	1204:12 1265:12
1358:2	purposes 1272:7	1320:3,7	1269:14
protection	1287:19	1322:10 1328:9	1277:1,2 1281:7
1410:20		1329:14 1334:1	1285:7 1297:16
	<b>pursuant</b> 1224:12	1339:1 1340:1	1299:20 1304:4
protections	<b>putting</b> 1199:17	1345:15	1308:5 1313:19
1461:22	1471:2	1349:7,9,18	1319:5
<b>provide</b> 1195:11	<b>puzzled</b> 1435:12	1353:1,11	1320:9,11,13,20
1200:14 1207:22	1437:15	1359:3 1369:3	1322:20 1323:1
1218:12 1221:10	1437.13	1373:12,16	1324:5 1338:20
1262:18 1294:9		1378:4 1389:19	1342:18,21
1325:7 1327:15	Q	1391:12 1392:10	1358:22 1368:12
1359:12	<b>quality</b> 1290:22	1393:8 1398:5,8	1369:2,5
1389:6,8	1306:7,15	1399:16 1400:18	1373:17,19
1402:17 1420:22	1307:7,20	1407:22 1409:9	1376:11 1380:8
	quantified 1295:5	1410:13	1390:16 1394:21
provided 1210:3,4	-	1411:13,17,20,2	1399:9 1406:16
1245:11,12	quantify 1432:16	2 1412:10	1427:17,20,22
1261:22 1284:1	<b>quarter</b> 1278:22	1414:15,20	1428:6 1429:10
1297:19 1298:9	1279:1,5	1415:3,14	1434:8 1447:20
1464:14	quartile	1417:19,21	1457:3
provider	7 ····· ·····	1.11.12,41	1462:9,10
_			•

1469:2,9	ratepayers 1207:3	rearrangement	1366:8 1367:5
quickly 1193:9	1220:10 1328:3	1373:10	1371:6
1252:4 1308:16	1410:20	reason 1259:22	recited 1274:7
1328:12 1331:10	rates 1218:8,15	1395:17 1423:2	recloser 1353:21
1341:14	1410:18 1412:15	reasonable 1191:6	1354:18 1357:15
quietly 1292:1	rather 1257:6,7	1424:7	1446:10,12
1309:20 1428:11	1290:2 1461:12	reasons 1361:18	reclosers 1355:22
quite 1196:3	reach 1402:6	1395:17,18	1357:3 1358:14
1319:16 1355:19	1451:6	1396:6	1446:9
1382:3	readily 1225:13	rebuttal 1257:21	1447:12,15,22
quote 1272:6	1227:13	1276:12 1277:5	1448:5,6
1292:13 1293:1	reading 1393:7	1291:19 1297:10	recognition
1393:5 1417:22	1443:21	1308:11,17,18	1425:13
1420:19 1430:13	ready 1195:17	1309:2 1353:2	recognize
<b>quoting</b> 1292:12	1243:16 1244:1	1375:10	1288:5,8
	1258:14 1273:10	1392:15,17 1399:8,10	1297:15 1353:10
R	1276:15 1292:2	1417:1 1419:10	1453:4 1465:17
<b>RAD</b> 1387:4	1309:21 1310:19	1430:13 1434:7	recognized 1260:1
1389:7	1429:17 1473:13	1461:16,20	recognizing
raise 1431:19	real 1257:8 1425:1	1464:3	1371:8
1444:3	reality 1437:18	recall 1227:2	recollection
raised 1259:12	realization 1343:1	1236:2	1240:2 1243:22
1373:12 1388:21	1467:22	1261:10,21	1258:12 1265:21
1390:16 1406:17 1425:14	realize 1254:20,22	1278:13 1279:10 1349:15 1359:9	recommendation
	1274:18 1433:21	1349.13 1339.9	1284:1 1390:2
raises 1380:7	1435:2 1447:5	1386:14 1421:14	recommendations
<b>Ramas</b> 1474:10	1467:22 1468:4	1440:15 1449:22	1445:9
<b>Randy</b> 1372:15	realized 1445:8	1452:1	reconciliation
ratcheted 1417:11	1467:2	receive 1219:6	1227:11
rate 1226:6,10,11	realizing 1449:3	received 1188:16	reconsideration
1229:21 1240:18	really 1193:8	1189:1 1201:9	1426:2,8
1241:3,8,9,16	1202:4 1229:10	1231:2 1362:17	1449:21
1304:1 1306:17	1246:1 1330:13	1363:15 1366:3	record 1193:22
1373:7 1378:19	1340:18 1345:11	1370:13,16	1199:11 1230:22
1380:14 1397:16,19	1365:10 1386:6 1390:14 1403:3	receives 1336:3	1232:12 1234:4,20
1405:14 1410:20	1408:3 1437:1	recent 1235:20	1234.4,20
1411:7,10	1439:16	1295:13 1463:19	1239:8,11
1436:3,6,15,21,2	1451:5,14,15	recently 1326:14	1243:7 1247:14
2 1439:8	1466:11	recess 1299:12	1255:16
	1		

	ı ag	· · · · · · · · · · · · · · · · · · ·	1
1267:6,10	reference 1239:21	1258:12 1265:21	release 1365:6
1274:1	1242:9,14,19	regard 1200:8	relevant 1198:13
1288:11,19	1243:6,11,17		1255:15
1289:11	1258:3 1266:6	regarding 1195:4 1229:11 1262:18	1393:5,9,13
1297:21,22	1297:6 1300:3	1266:12,21	reliability
1300:4	1313:6 1316:18	1299:21 1369:16	1199:3,14
1315:10,16	1396:10 1452:12	1376:17 1411:10	1200:14 1201:22
1347:7 1351:11	1457:1 1458:13		1200:14 1201:22
1365:11 1368:4	referenced	regional 1460:13	1202.14
1370:22 1374:17	1238:19 1316:20	1462:22	1210.0,11
1434:16 1437:13	1417:21 1456:14	regular 1196:12	1235:17,21
1443:22 1446:10	1458:8	1197:5 1203:20	1238:6
1459:12 1475:3	referencing	1218:7 1323:12	1240:10,16
1476:9	1387:1 1432:1	regulations	1246:9
records 1269:22		1212:20 1276:8	1247:12,13,15
recovered 1226:11	referred 1314:17	1289:7	1252:14
	1319:6	1311:12,16	1254:7,12
recovery	referring 1213:4	1346:10 1449:20	1256:7,12
1397:14,18,19 1407:4 1412:15	1220:22 1236:16		1258:17 1259:9
1436:6	1247:11,22	regulatory 1215:15 1290:3	1262:12,13
	1271:13 1298:9		1264:14
<b>RECROSS</b> 1188:2	1360:1 1375:21	rejoinder 1376:6	1265:1,4,11
redirect 1188:2	1400:4	relate 1376:11	1266:13,16,21
1230:6,8 1362:8	1421:7,11	related 1226:12	1268:5,22
redo 1369:8	1428:19 1441:15	1306:11 1334:14	1271:11,12
	1452:7	1337:20 1376:7	1273:2 1274:14
reduce 1407:16	refers 1316:14	1476:11	1275:9 1277:2
reduced 1236:13	1354:7,12		1281:8,12
1275:12 1476:6	1449:13 1456:21	relates 1336:16	1283:21 1284:22
reduction 1237:5	refiled 1274:12	1461:8	1285:17,18
1238:19,20	reflect 1254:19	relations 1200:1	1286:7 1287:16
1405:14	1274:14 1304:18	relationship	1289:13 1291:16
1467:5,6	1309:17 1365:11	1204:7 1305:15	1292:22
re-evaluate 1433:4	1390:22	1331:16	1295:6,8
		relative 1283:2	1302:13 1304:5 1360:18 1376:18
re-evaluation	reflected 1254:12	1431:21 1476:13	1360:18 1376:18
1425:10,19	1255:1 1256:12		1377:7
1426:6,12	1303:4 1309:8 1387:2 1448:1	relatively 1263:19	1378.10,21
refer 1247:9,19		1452:21	1380:9,13,17,18,
1302:2 1312:12	reflects 1251:1,9	relaxation	22 1381:4,8
1317:13,18	1262:15	1449:21	1382:11
1348:9 1354:6	refresh 1216:2	relay 1372:4	1383:6,9,15,18
1383:5 1440:20	1240:1 1243:21		1389:15 1390:2

	O		
1391:8,11,17	1443:4 1452:18	1382:15	1435:21
1393:21	reliability-related	1402:17,22	require 1197:9
1394:1,16	1285:3 1297:7	1404:22	1288:10 1379:16
1395:7,8,13		1417:16,20,22	
1396:5,17	1311:14,18	1430:19 1441:10	1430:17
1397:4	1393:15 1395:20	1442:15 1443:9	required 1197:6
1399:4,11,15,18,	reliable 1413:21		1208:8 1237:18
19 1400:5,14,16	1414:8,10	reported 1185:21	1262:7
	,	1280:1,3	1264:4,5,15
1401:7,15,19	remained 1262:8	1337:22 1339:10	1275:21 1307:19
1402:12,15,19,2	remember	reporter 1230:17	1342:4,6 1345:7
1402.2 ( 12.14.1	1218:22 1228:10	1299:7	1384:15
1403:3,6,12,14,1	1230:13 1296:4	1476:1,3,20	
8,20	1363:9 1386:19	, ,	requirement
1404:4,8,10,22	1453:17 1456:8	reporting 1407:3	1212:5 1289:19
1405:4		1439:5	1290:2,3
1406:11,12,18,2	remind 1231:14	reports 1280:22	1306:8,16
1 1407:1,8	1301:1	1324:14,17	1348:20 1378:6
1408:14,18	reminding	1325:9	1380:20 1383:12
1409:14	1290:18	1326:7,17	1390:8 1396:22
1411:3,11,15	mamaryad 1107.21	1320.7,17	1401:8 1431:20
1412:4,20	removed 1197:21	1332.9	1432:3 1439:5
1413:13,14	renew 1458:10	represent 1190:18	
1414:16	renumbering	1247:4 1320:21	requirements
1416:11,14,19	1315:13	represents	1211:17,19
1418:1,11,17		1249:13,22	1212:1,2,7
1420:21	<b>REP</b> 1421:11	1274:22 1290:21	1275:22 1288:14
1421:6,9,11,14,1	repeat 1207:5	12/4.22 1290.21	1338:3 1343:12
8	1241:22 1243:11	1293.22	1344:20 1348:19
1422:2,5,6,14,20	1251:4 1260:11	request	1382:7 1383:12
1422.2,3,0,14,20	1261:2,3	1232:3,7,16	1389:10
1427:12 1428:21	1321:22	1233:3,9,17	1390:7,10,11,15,
		1234:3,11,18	19 1394:11,12
1431:3,16	rephrase 1241:14	1235:5	1405:1 1414:17
1432:18 1433:17	1438:7	1273:15,19	1427:1,12,14
1434:2 1435:3	replace 1409:5	1335:8,11	requires 1293:5
1441:3,22	•	1362:4 1371:3	1316:22 1324:6
1442:22 1444:22	replaced	1397:19 1425:19	
1445:3,16	1263:6,22	1426:1,4 1429:7	requiring
1465:8 1466:15	report 1196:9	1430:7,12	1311:13,17
1474:16	1211:10 1212:11	1432:14 1443:16	reserved 1318:6
reliability-driven	1279:16 1312:13	1444:9 1455:7	1376:5
1262:4 1264:20	1323:8,9	1458:13 1464:11	
1265:2 1302:21	1324:22 1339:12	1470:4 1473:2	residential 1354:2
1440:6,18	1354:11 1380:21		residual 1463:15
1441:7 1442:7	1381:1,12	requested 1432:22	regilioner 1466.9
1111.7 1112.7	100111,12	requests 1365:4	resiliency 1466:2

	1 46		
resources 1206:9	1465:2 1466:13	1253:7 1254:9	<b>RM43</b> 1229:7,9
1208:15,21	responses 1439:12	1256:9 1257:17	1427:8,10
1227:17 1353:19	_	1280:5 1422:8	road 1214:18
respect 1246:8	responsibilities 1339:15 1426:19	resume 1190:11	robust 1201:3
1264:8 1281:7		1192:1 1231:7	1452:21
1296:11 1303:9	responsibility	resuming 1190:3	
1304:4 1310:22	1207:18 1237:4	1299:14	<b>ROE</b> 1405:14,21
1317:11 1319:5	1281:9,14,15,16,		1408:5,10
1331:15,22	21 1325:6,12	retire 1215:9	role 1196:15
1333:12 1354:9	1333:21 1334:5 1337:10 1340:19	retiring 1215:5	1339:7 1418:17
1385:1	1341:4 1342:11	retrospective	roll 1336:10
1391:1,2,17		1438:20	rolled 1333:15
1400:7 1410:20	responsible	review 1376:15	
1413:5 1435:16	1196:15,20,22	1456:6 1458:1	rolling 1202:18
1438:18	1197:1 1209:7		1249:11,20
respective 1198:1	1280:17	reviewing 1381:11	1274:6
respectively	1336:12,14,15,1 8 1337:14	1400:21	roll-up 1203:6
1285:1		revise 1349:5	room 1214:8
responded 1324:4	responsive 1407:6	revised	1230:15 1349:16
•	rest 1447:22	1261:18,19	1386:11 1422:13
responding	restoration	1265:4 1286:12	rough 1272:1
1386:6	1238:20 1354:2	1321:4 1376:18	e l
response	1396:13,14	1399:4,6,13,15	round 1461:15
1232:6,10,16	restore 1236:11	revision 1259:17	<b>RPR</b> 1185:21
1233:2,9,16	1238:5 1311:14	revisions 1260:8	ruled 1426:5
1234:2,10,18	1450:22		rulemaking
1235:5 1254:18		<b>Rhode</b> 1187:10	1343:18,22
1268:6 1273:15,18	restored 1225:18	RICHARD	1427:10
1371:1,2	restrictions	1186:3	
1404:15 1416:15	1460:5	Rick 1472:4	rules 1344:3
1423:22	result 1222:11	<b>Rigby</b> 1386:12	run 1201:4
1429:7,12	1237:11 1238:17	1387:2,8	1305:13
1430:7 1432:21	1253:4 1259:14	1387.2,8	running 1329:3
1434:8 1437:20	1260:4 1262:12	1418:5	
1438:4,9	1282:7 1284:14		S
1443:13,14,15	1285:11,18	right-hand	safe 1389:22
1455:7,8,14,17,2	1380:2 1405:13	1445:20 1448:10	1413:21
2	results 1244:7,13	<b>rights</b> 1376:5	1414:7,10
1456:1,3,6,7,10	1247:1,20,22	1461:9	safety 1199:3
1457:6,21	1248:5,12	ring-fencing	1210:12
1458:2,13,14	1249:13,22	1213:4	
1459:6	1252:16,21	risk 1453:21	SAIDI 1211:17
1464:11,14,19		1 101 1 100,21	1212:1 1236:15

	0		
1242:7 1243:2	1383:10 1384:9	1282:21	saturate 1355:20
1244:7,21	1394:10,11	1283:4,7	saturation 1357:5
1245:4	1400:8 1401:5	1284:6,16,22	
1247:1,6,16,20	1415:2	1285:10,17	save 1220:9
1248:1,5,12,17	1417:4,10	1286:7 1296:4,9	scenario
1249:5,19	1421:3 1423:10	1303:9	1454:8,12
1250:1,2,10,17,2	1427:1	1305:17,21	schedule 1191:13
2 1251:2,8,10	1448:12,16	1306:17	1301:4 1311:21
1252:2,8,16	1449:21	1307:8,19	1312:5,10
1253:1,4,7,8,21	1450:6,9	1309:17 1311:5	1313:1,15
1254:5 1256:5	1451:7,12	1318:8	1316:14,19
1258:18 1260:22	1453:2 1454:16	1321:1,17	1317:6,9
1261:8	1456:13 1458:8	1338:4 1342:17	1318:2,12,16,22
1262:3,19	1467:8	1343:8,11	1319:5 1320:1
1263:3,19	SAIDI/SAIFI	1344:21	1345:10 1366:13
1264:14	1422:4 1432:2	1346:3,8,19	1367:1 1465:10
1269:1,21	1465:18,20	1350:12 1351:13	1466:21 1473:14
1270:12 1272:10	1466:5	1377:12 1378:14	1474:7 1475:7.9
1274:2		1379:22 1382:7	<i>'</i>
1275:1,15	SAIFI 1211:6 17 10	1383:10	scheduled 1371:12
1282:21	1211:6,17,19	1384:10,12	1471:9 1472:12
1283:4,6	1212:1 1236:21 1237:2 1242:7	1394:4,5,7,10	schedules 1300:15
1284:5,15,22	1243:2	1400:8 1401:5	1317:17
1285:10,17	1243.2 1244:6,20	1403:21 1404:6	<b>Scholer</b> 1187:14
1286:7,15,16,17	1244.0,20	1417:4,10	
1288:14,22	1247:1,5,16,20	1421:2 1427:1	Schoolman
1289:13,19	1248:1,5,12,17,2	1446:1	1473:22
1290:14	0 1249:10,15	1447:8,11	scope 1265:8
1291:1,11,16	1250:10,14	1456:14 1458:8	1387:9
1303:9	1250:10,14	1467:8,22	1389:12,17
1305:16,21	1251:14,16	1468:1	1411:1 1412:19
1306:17	1 1253:6,8,21	SAIFI/SAIDI	1461:7
1307:8,19	1254:5 1256:5	1402:5 1465:13	scrambling
1309:16	1258:18	sake 1387:22	1427:2
1310:3,4 1311:6	1259:1,4,11,17,1		
1318:8 1338:4	9 1260:2,22	sale 1214:2	screen 1305:14 1314:11 1442:16
1342:17,22	1261:8	sampling 1293:15	
1343:7,8,11	1262:2,19	1294:1	script 1305:14
1344:21	1263:4,9,20	sat 1199:12	scroll 1433:20
1346:4,8	1264:3,14		second 1198:18
1348:19,21 1350:21 1352:5	1269:1	satisfaction	1253:15 1309:19
1377:13 1378:13	1270:3,12	1199:4 1200:15	1384:17 1448:3
	1272:9 1274:2	1202:15	1453:9 1459:12
1379:16,18,22 1380:3 1382:7	1275:5,12	1210:13,21	1433.7 1437.12
1360.3 1362.7			

1471:3	1317:22	1459:19,21	1227:17 1337:1
secretary 1191:11	1318:3,21	1460:9	sheet 1444:8
1193:1 1231:12	1465:7	1462:1,19 1463:1,8,12,16	She'll 1190:18
1365:14,16	sent 1465:6	, , ,	she's 1269:18
1369:20 1370:11,19	sentence 1209:3	service-level 1329:11	shift 1264:13
1370.11,19	1242:10 1271:14		1361:6
1419:4,5	1272:9 1420:20	<b>services</b> 1205:6,9,15,20	<b>shifting</b> 1426:18
1429:18,21	separate 1332:19	1205:6,5,15,20	e l
section 1440:5	1334:12 1378:7 1383:11 1384:6	1281:20 1323:15	shooting 1437:14
sectionalize		1324:20 1326:7	short 1299:12
1353:21 1354:18	separately 1271:10 1275:19	1441:21	1461:13
seek 1412:14		serving 1198:22	shorter 1330:8
1425:10 1426:11	<b>September</b> 1459:14,17	1199:7 1223:8	shorthand 1476:6
seeking 1202:22	series 1232:3	<b>SESSION</b> 1368:1	shorthanded
1426:6	1282:18 1336:7	sets 1331:19	1280:8
seem 1393:20	serious 1344:22	1391:21,22	shot 1365:5
1452:20		1395:4	<b>showing</b> 1352:13
seems 1438:1	serve 1223:6	setting 1377:6	shown 1245:4
1458:14	serves 1223:7	settlement	1395:21 1408:16
seen 1199:2,12,15	service 1185:1,14	1228:13	1465:11
1225:9	1200:14 1210:7,17	seven 1253:4	shows 1346:2
1313:4,9,10	1210:7,17	several 1380:14	1350:6 1419:19
1356:6	1213:3 1217:15	1406:15 1416:20	1424:13 1441:18 1448:3 1465:12
segment 1282:2 1292:7	1218:6 1219:18	1435:20 1450:19	
1309:12,19	1229:12,14,16	several-year	sic 1227:7 1229:22 1237:7 1244:13
1310:2 1447:7	1236:11,12 1238:5 1244:4	1344:1	1251:3 1257:19
segregate 1272:12	1290:22	severe 1238:21,22	1260:6 1264:21
selected 1222:21	1306:7,16	share 1202:20,22	1335:8 1345:11
1223:2 1239:16	1307:7,20	1205:20 1208:14	1371:4 1376:16
1267:11	1311:14	1217:13 1220:7	1440:6
senior 1187:3,5	1312:7,10 1329:11,12	shared 1208:1,3 1216:18 1217:14	side-by-side
1190:17 1195:14	1329.11,12	1216:18 1217:14	1337:8
1198:12,16	1339:19 1341:15	1225:7	<b>sigma</b> 1357:11
1205:2,8 1215:15 1374:18	1353:8 1354:2	Sharepoint	sign 1197:9,16
	1355:18 1413:22	1197:11 1198:7	1198:8,9
sense 1272:13 1277:11 1460:19	1414:8,10 1426:20 1435:5	shares 1207:15	significance
	1426.20 1433.3	sharing 1208:16	1283:3,5 1467:17
sensitivity	1	Sharing 1200.10	1407.17

		İ	
significant	site 1197:11	1211:1 1236:22	1190:8 1329:10
1328:19 1345:1	1198:7	1243:10 1251:4	1355:3
1377:17 1447:21	sitting 1214:8	1260:12 1261:2	specific 1211:6,19
1453:7	1228:2	1267:20 1268:7	1227:2 1261:10
significantly		1281:15,17	1266:16 1272:4
1408:20 1466:6	<b>situation</b> 1339:3	1282:3 1289:10	1344:20
	1405:5	1291:3,21	1354:6,8,13
silence 1227:1	six 1223:21	1292:6 1302:5	1364:13 1390:1
similar 1249:19	1268:15 1292:8	1303:16 1305:9	1394:16 1401:7
1281:21 1346:17	1357:10 1425:5	1308:15,19	1403:20 1406:22
1349:17 1352:9	<b>slide</b> 1444:10	1312:16 1314:6	1403.20 1400.22
	snae 1444:10	1316:7	
similarities	<b>sliding</b> 1263:11	1332:10,15,16	specifically
1333:11	slightly 1309:17	1345:19 1348:21	1207:11 1210:16
simple 1202:12	1412:10	1361:15 1388:14	1239:22 1263:14
1257:1,12,14		1393:7	1295:11 1311:3
· ·	<b>slip</b> 1321:19	1395:1,14	1327:12 1334:14
simply 1249:11,20 1298:6 1364:5	slippage	1410:3 1417:18	1346:11
	1321:13,16	1419:12 1428:13	specifics 1218:12
<b>single</b> 1304:17	1322:3,7,12	1419.12 1428.13	1236:20 1241:19
1356:13		1457:14 1464:5	
sir 1195:8	slipped 1228:12	1457:14 1464:5 1466:19 1472:3	1332:4 1333:13
1200:2,11	small 1293:15		specified 1272:14
1200.2,11	1294:1	sort 1308:4 1317:4	speculate 1272:16
1270:2,4,9,16	smaller 1320:4	1474:12	•
1270.2,4,9,10		<b>SOS</b> 1461:8	SPENCER
1275:14 1277:19	1380:2 1454:1		1187:13 1320:13
	solely 1461:10	sound 1284:5	1372:15,18
1278:7,9 1280:9	Solomon	sounds 1248:18	1469:4 1473:21
1283:1 1284:7	1192:8,10	1249:3 1275:6	spend 1203:10
1288:4,8 1289:2	1373:13,16,19	1345:2 1469:12	1395:19
1290:10 1295:21	, ,		1396:14,20
1296:7	Solomon's	source 1273:22	1397:3,6
1297:5,11,12	1461:10	1464:13,16	1404:3,17
1302:11 1303:14	solutions 1355:13	sources 1337:19	1405:18,20
1307:9,14		<b>Spain</b> 1470:1,7	1406:8,9
1310:10 1311:2	somebody	·	1400.8,9
1313:8 1319:10	1204:19 1327:2	speak 1246:7	1431.10,11
sister 1225:16	1330:1 1338:7	1325:12	
1227:17	someone 1197:7	1361:1,2 1367:1	spending 1265:10
	somewhere 1271:2	speaking 1204:19	1311:8,14,18
sit 1203:19 1273:6		1209:10	1327:12,13
1286:13 1288:5	1361:20		1338:3 1380:3
1293:18	sooner 1225:18	speaks 1288:22	1393:16 1394:1
1294:16,22	sorry 1193:16	1305:20 1392:4	1395:5,10
1356:1 1454:20	1202:1 1209:4	special 1185:6	1396:15 1400:22
	1202.1 1207.4		

	1 ag		
1401:2,4,6,22	1212:9	1425:14,20	1348:10 1389:1
1402:4,6,9,10,11		1427:4,5,6	1417:15,21
1403:9	stand 1299:15	1430:16,17	1418:6,9
1404:7,14	1374:5 1446:6	1431:7	1456:17
1405:6 1408:7,8	stand-alone	1432:1,19	1458:5,9,17
1410:1,6	1296:17 1415:1	1452:9 1453:2	1459:2,5
1410.1,0	<b>standard</b> 1225:20		•
1411:3,8,11	1283:21	standpoint	statements
1412.13	1289:13,19	1202:13 1204:6	1458:20
1430:18 1436:16	,	1332:22 1336:21	1476:3,5,10
	1291:5 1293:8	1352:3 1385:6	states 1191:4
spends 1396:12	1306:8 1309:16	stands 1409:10	1456:11
1397:15 1403:21	1310:2		
spent 1218:18	1342:1,4,6,7,9,1	start 1231:18	stating 1393:4
1303:18 1396:1	4 1349:5	1232:2 1235:11	<b>statistic</b> 1274:7,16
1402:14	1360:1,6	1268:14 1269:20	statistics 1274:2
1403:1,5,11,17,1	1378:14,16,20	1278:22 1279:20	1275:18
9 1408:22	1379:16	1299:7 1346:11	
	1385:2,8	1348:4 1445:16	status 1216:7
sphere	1396:21 1401:9	1467:18 1470:18	statutory 1213:8
1281:13,16,17	1403:5 1409:17	1475:6	steadfast 1196:11
spoke 1285:22	1427:7 1431:21	started 1316:1	
1335:20 1353:17	1450:6,9,13	1317:5 1343:12	steady 1199:2
1355:6 1356:20	1459:19,20	1421:17,21	step 1197:19
1372:15	1460:9 1461:22	1424:11 1468:3	-
spoken 1365:2	1462:19	starting 1235:15	<b>stepped</b> 1196:6 1197:21
	1463:1,8,12,16	1251:19 1260:5	1197.21
sponsor 1197:3	standards 1202:14	1268:3,4	<b>stepping</b> 1210:10
1429:12 1458:20	1210:9,10	1318:18 1346:19	Steve 1339:10,12
1464:15	1211:2,4	1348:13,14	, in the second of the second
sponsored	1240:7,9	1350:12 1353:5	sticking 1282:1
1277:14 1284:9	1245:17 1250:21	1420:3 1448:22	1284:11 1432:14
1365:4 1456:21	1251:2,7,10,15		<b>stipulate</b> 1257:3,8
	1266:13,17,21	starts 1202:16	1373:21
sponsoring 1365:12	1268:22 1285:13	1246:20 1330:16	stipulating 1363:4
	1288:7,9	1346:21	•
sponsors 1265:10	1290:22 1306:16	state 1191:5	stipulation
spreading 1208:21	1307:7,20	1193:21 1232:8	1368:13
	1345:7,12	1287:15 1374:15	1369:1,8
<b>Squire</b> 1187:18	1377:1,5 1378:9	1415:19 1416:1	<b>stop</b> 1397:2
staff 1233:9	1379:5,9	stated 1238:9	1453:9 1469:17
1234:18 1273:15	1382:13,14,16	1247:7 1266:14	storm 1224:6,15
staff's 1273:19	1383:17		1225:15
	1391:6,11	1289:6 1290:3	1466:2,3
stakeholders	1404:20,21	1391:5 1426:22	ŕ
1199:11 1210:16	,	statement 1310:6	storm-exclusive

	1 ag	-	
1465:21 storm-inclusive	1216:8,11,15 1219:13	<b>supplier</b> 1213:1 1463:5	1193:1,13,15 1231:12 1374:11
1466:4	substantial 1270:22	<b>supply</b> 1204:1 1356:21	<b>system</b> 1196:16,21 1230:15 1271:3
straightforward			1281:8 1345:20
1391:13	substation 1409:4	<b>support</b> 1196:7	1354:3,4,10
strategic 1214:18	1442:1	1224:15 1281:20	1358:1 1379:22
1374:19	<b>sub-team</b> 1277:8	1327:15 1333:21 1334:3 1385:10	1380:3 1389:22
<b>Street</b> 1185:15	<b>suburban</b> 1355:18	1445:17	1405:4 1409:2
1186:10,14,18 1187:6,15,19	sufficient 1307:18	<b>supports</b> 1385:10	1450:15 1451:1,3,8,10,12
1278:11 1326:9	1439:21	suppose 1275:18	,16,21 1467:12
strictly 1431:22	<b>suggest</b> 1469:19	1297:3	system-level
	suggested 1371:5	1358:15,18	1467:8 1468:1
stringent 1212:2 strive 1218:9	1373:5	supposed 1297:17	systems 1450:21
1385:11 1409:16	suggesting 1257:9	sure 1190:21	•
1415:4 1423:17	1472:15	1192:17	T
	<b>Suite</b> 1186:4,15,19	1207:4,5 1213:8	table 1250:8,20,21
structure 1198:10	1187:6,19	1237:14 1238:10	1251:6,7
1207:21	suited 1313:20	1246:6 1251:5	1252:10
1261:1,9,19	1322:10	1253:16 1263:17	1302:16,20
1356:18		1264:11 1277:3	1311:9 1394:21
structured	summarize 1420:5	1288:18 1289:11	1395:4,21
1421:16	summer 1228:18	1301:8 1305:6	1396:2 1400:6
stuck 1257:15	SUN 1187:12	1307:1 1311:3	1401:2 1408:9
subject 1248:16	1320:11,13	1318:4,6	1410:6 1433:21
1249:1 1289:18	1469:2	1334:10 1336:21	1434:1 1438:14
1341:11	supplemental	1337:7,10,14	1440:4
1343:17,21	1250:6,9	1342:11,19 1343:19 1344:5	1452:3,14
1344:7 1353:13	1250:0,5	1345:19 1344:3	1466:17
1385:16 1391:20	1253:20	1348:3,7	tables 1251:5
1416:10	1254:3,20	1429:3,19	<b>taking</b> 1221:19
submit 1380:20	1256:3 1257:20	1452:12	1278:14 1281:2
	1258:21	1456:8,9	talk 1193:9 1195:1
submitted 1203:11 1313:15	1260:7,14	1457:17	1196:13 1201:11
	1276:21 1277:6	1463:5,20	1240:15 1299:3
<b>subpart</b> 1432:16	1310:12 1311:10	1474:5,18	1329:6 1346:7
subsequent	1312:13	sustained	1372:2
1282:7,15	1375:4,5,18	1236:12,20	talked 1271:14
1284:14 1312:9	1397:22 1398:3	1237:1 1349:12	
1461:15	1459:14,17 1461:20	switching 1449:16	talking 1201:18
subsidiary	1401.20		1219:8 1220:3
<u> </u>		sworn 1192:19	1221:1 1282:14

·	1 ag		
1288:19 1305:7	1263:5,21	1251:21,22	1456:14,22
1324:7 1332:11	temporary 1354:1	1252:6,11	1458:9,15,18,21
1333:6 1334:9	• •	1253:13,20,22	1459:15,18
1359:5 1363:3	ten 1299:11	1254:3,14,17,19,	1460:8
1368:8 1386:2	1467:10	21 1255:4	1461:7,11,15,16
1391:19 1394:4	tenacious 1392:12	1256:3,14,21	1462:5 1464:4
1408:19 1440:22	tend 1451:3	1257:20,21	1470:5
1453:22 1463:19		1258:20,21	1476:4,5,10
talks 1461:17	ten-minute 1299:6	1259:10	<b>testing</b> 1462:6
target 1404:4	tens 1396:13	1260:7,14	text 1309:10
1408:18 1437:13	terms 1195:22	1262:9	
	1218:14 1242:7	1265:8,10	thank 1194:7
targets 1212:13	1283:5 1288:22	1267:1 1270:6	1195:8 1199:20
1377:7,8,12	1308:4 1340:3	1273:2,8	1202:9
1391:2 1393:14	1409:22 1421:14	1274:8,13	1204:14,15
1394:16 1403:6	1422:3,20	1275:11 1276:12	1215:22 1216:1
1407:1	1444:18 1446:18	1277:5	1224:5
1421:3,15		1282:2,16	1226:16,17
1422:4 1454:16	terrible 1305:19	1284:12,13	1228:17,21
task 1344:12	territory 1353:8	1288:1 1291:19	1230:5,9
team 1200:13	1355:19 1426:20	1292:8	1231:4,5 1242:3
1201:19	testified 1193:1	1298:2,6,10,20	1249:9
	1231:13 1240:5	1308:12	1253:17,19
1203:20,21	1242:4 1374:11	1309:3,8 1310:7	1258:15 1268:17
1208:19 1210:8	1376:22 1387:8	1311:10 1313:7	1269:6,7,8,10
1213:12,16,19	1462:7	1318:6 1345:17	1276:18 1278:12
1252:14 1254:7 1256:7 1272:17		1353:2 1355:9	1290:17 1292:6
	testifies 1461:21	1373:21	1301:11,21
1277:12,14	testify 1460:14	1375:1,4,5,6,10,	1305:4 1316:3
1280:1,2,7,18	1461:14	20,21	1317:20
1281:4,6	testifying 1349:17	1376:7,9,11,15	1320:8,10
1326:18	1368:12 1389:13	1380:6,10	1322:14,16
1327:3,5,6,8	1411:2 1461:19	1387:10 1389:17	1335:13
1328:11 1331:14		1392:15 1397:22	1338:21,22
1332:9 1333:22	testimony	1399:8,10,13,14	1345:14,22
1334:4,7,10,13	1194:9,19	1400:13 1401:16	1348:8
1339:5,6	1195:3 1230:20	1409:11 1413:17	1352:4,22
1415:20	1235:13,16,22	1414:12 1415:18	1357:19 1364:17
teams 1444:22	1236:10	1417:1	1365:14 1366:1
1445:16	1240:12,17	1419:10,18	1369:10
team's 1416:15	1241:1,7,10,21	1421:7 1428:10	1370:10,18
	1242:14	1430:13	1372:5,9,14
techniques	1244:10,15,18	1431:1,14	1381:15,17
1407:15 1423:17	1246:18 1247:21	1432:6 1433:18	1383:22 1387:20
technologies	1248:7 1250:6,9	1438:1	1392:9 1398:20

(866) 448 - DEPO

	1 46	· · · · · · · · · · · · · · · · · · ·	
1399:20 1400:20	1279:17 1284:10	1439:9 1440:12	1415:3 1420:5
1403:8 1413:15	1285:6,20	1441:2,17	1424:3 1425:16
1419:6 1420:3	1286:19	1442:10	1431:8,20
1422:9 1425:8	1287:3,17,18,22	1444:1,4	1434:16 1435:2
1427:15,18,19	1288:16 1289:15	1446:12 1450:3	1436:4 1439:17
1428:2 1430:9	1292:7,10	1451:1,14,19	1441:10,15
1432:9 1438:8	1294:10,12,21	1453:7 1454:2	1442:14,18
1440:2 1444:5	1297:15 1299:10	1455:6,11,16	1443:1 1450:18
1448:7 1453:16	1300:1,6	1456:10 1459:22	thereto 1476:14
1455:2 1462:14	1303:20 1304:15	1461:10	
1464:2,21	1306:2,5,10	1464:10,14	they're 1201:3
1468:7 1470:22	1308:1,8	1469:18	1224:2 1245:15
1473:20	1313:4,22	1470:19,21	1251:12
1475:18,19	1316:22 1317:19	1471:1 1472:11	1327:11,12,13
<b>Thanks</b> 1270:5	1321:3,5,8,11,14	1474:12	1336:2
1449:15	1322:14	themselves	1337:1,18
	1323:20,22	1342:13	1341:2 1351:12
that's 1199:19	1324:2 1326:13		1371:18 1372:22
1201:5,6	1327:21	THEODORE	1388:14 1390:12
1204:4,9 1205:4	1328:1,4,9,18	1186:6	1463:6 1474:4
1207:12 1210:8	1331:12	thereafter 1476:6	they've
1213:4,5	1332:7,8	therefore 1220:9	1199:12,14
1215:10 1216:4	1338:10	1345:9	1314:22 1340:20
1220:11 1221:18	1342:4,7		third 1294:13
1228:14,18	1345:21 1346:6	there's 1194:20	
1230:2,3	1347:3,10,15,18	1214:2 1224:6	thorough 1269:18
1235:19	1351:5,6	1227:10	three-and-a-half
1236:1,8,21	1352:16,17	1238:14,15	1470:11
1237:2 1238:9	1353:14 1354:15	1241:9 1243:10	three-part
1240:11 1241:1	1360:4,10,16	1271:8 1273:1	1394:15
1243:4 1244:14	1364:14	1297:18 1301:16	
1245:7 1248:3,10	1375:9,13	1307:2 1315:20	three-year
1249:2,17	1379:13 1382:9	1317:8 1329:1,4	1246:22
1249.2,17	1383:16 1389:16	1331:16 1333:21 1334:8 1337:9	1247:3,20
1251:16	1396:19 1398:7	1342:4 1356:3,7	1248:8,20
1252:12,22	1400:3 1401:21	1342.4 1330.3,7	1249:5,10,12,21
1255:16 1254:2	1402:15 1406:21	· · · · · · · · · · · · · · · · · · ·	1250:10,14,17
1257:1 1264:18	1407:13,21	1378:1,4,5,22	1259:2
1265:22 1266:19	1408:2 1409:6	1379:12 1381:2 1384:5 1385:6	1274:6,20
1267:1 1270:9	1413:11 1421:9	1384:3 1383:6	1275:8 1287:20
1271:6 1273:18	1423:15 1425:1	1402:12,13	1290:8
1274:11,17	1428:14 1429:2	1402.12,13	1291:1,16 1303:8
1274.11,17	1433:19	1407.19,21	1305:8
1275.3,17	1436:7,19	1412:5,13	1305:17,22
12/0.1,3	1437:14 1438:1	1712.3,13	1307.12 1311.0

Page 59			
1318:9 1321:9,20	1349:8 1373:21 1376:15 1413:4	1294:12	1238:15 1380:15 1402:17 1425:6
1322:4 1378:12 1383:18 1384:3,19	1414:6 1422:13 1425:3 1426:22 1452:7 1455:20	trajectory 1285:12 transaction 1185:7 1339:21 1460:6	trend 1221:8 1242:5 1349:21 1351:4,5,6,7,8,1
1391:3 1393:22 1400:9 1401:5,14 1402:6,8	1460:10,21 tool 1207:17 top 1205:19	transcript 1239:17,21 1243:8,13,15	9,21,22 1352:1,19,21 1359:19 1361:3,22
1403:10,13 1404:12 1405:7,20 1406:2	1206:2,8,11,18 1210:13 1211:8 1212:3 1214:7 1221:9 1242:13	1244:17 1266:1 1299:8 1348:11,12 1349:21 1363:20	1422:20 1423:3 trends 1424:10 tri-annual
1408:6,9,18 1410:1,7,10	1248:14 1267:17,18,21	1368:18,21 1369:6 1386:17	1465:15
1438:19 1466:8 throughout	1268:1,11 1343:14 1360:21	1387:6,13,17 1417:17	trick 1398:5,8,12 tried 1439:11
1225:8 1320:1 1377:13	1361:12 1420:10 1467:18	1476:5,9 transcription	trigger 1318:22 triggered 1383:21
tied 1402:9	<b>topic</b> 1380:13,14 1469:16	1476:7 transition	1408:6,11
tier 1335:22 1336:8,10,11,14, 17	<b>topics</b> 1449:16 1459:11	1197:18,20 1215:8	trimming 1240:7,9 true 1245:7
tiered 1336:22 1337:1	total 1203:10 1206:7 1264:19 1265:2 1364:1	1220:15,19 1221:6,15 1226:2 1238:2	1294:17,21 1354:16 1448:14 1458:19 1476:9
<b>Tierney</b> 1328:6 1471:14,19	1402:14 1403:4 1407:8 1435:22 1467:2	1339:7,21 transitioned	truly 1204:7
tiers 1336:7,19,20,22	tough 1433:21	1339:13,14 transitions	<b>trust</b> 1438:3 <b>try</b> 1191:6
till 1300:20 1347:14 1370:4 1402:7	toward 1302:16 1310:1 towards 1400:11	1237:21 <b>transmission</b> 1319:16 1441:1	1263:15 1314:21 1315:1 1325:7 1368:9 1405:19 1437:11
timeline 1221:12 title 1281:1,19 1374:16	track 1197:12 1271:10 1401:3,22 1402:20	1460:13,22 1461:3,17 1462:22	trying 1202:2 1204:16 1220:18 1251:5 1255:9
titled 1313:5 today 1190:2 1191:2 1218:12	<b>tracked</b> 1271:19 1402:13	Transportation 1313:17 travel 1323:11	1272:22 1285:8 1293:2 1296:3 1314:9,19 1323:3 1332:17
1293:17 1294:16 1295:1 1301:17,18	tracking 1329:1 traditionally	tree 1240:7,8 tremendous	1355:1 1389:4 1390:14 1391:13

	Pag	e 60	
1398:14 1404:5 1406:3,20 1407:6,7 1411:8 1413:9 1425:14 1447:19  Tuesday 1300:18,21 1471:13  turn 1235:12 1241:20 1242:18 1244:16 1245:6 1246:2 1250:5 1253:12 1260:9 1267:3 1307:17 1342:16 1345:16 1359:19 1383:2 1386:8 1392:14 1397:21 1410:12 1413:17 1414:11	ultimate 1283:19 1464:13  ultimately 1286:20  umbrella 1332:21  underground 1270:18 1319:12,16,20 1354:1 1358:16 1450:18,21 1451:5,20  undergrounding 1270:14,17 1272:11 1345:1,4,5 1451:8 1453:6,12 1465:15 1466:1	1452:6  understanding 1198:19 1210:14,15 1217:20 1271:6,17,21,22 1272:3 1284:3 1287:7 1298:1 1305:2 1322:11 1331:13 1343:6 1383:4 1388:7 1391:15 1399:12 1428:16  understandings 1443:18  understood 1337:3 1434:6  undertake	1274:6,13 1275:7 uploaded 1299:8 upon 1194:12 upped 1259:22 upward 1245:6 1246:3 1259:16 upwards 1359:19 urban 1346:17 1355:18 useful 1191:15 usually 1227:4 1292:1 1322:22 utilities 1202:21 1203:8,9,20 1205:12,16,22 1208:1,6,7
1429:5 1445:18	1467:1,10	1262:21	1208:1,6,7
1448:8	underneath 1208:7 1304:17	undertaken 1254:6 1256:6	1210:10 1211:20
turned 1197:22	understand	1292:15 1294:19	1224:16 1225:7,12
turning 1251:19	1201:8 1207:5	Unfortunately	1227:11,18
turns 1246:5 1400:22	1211:11,15	1361:11	1242:9,16
two-page 1365:5	1212:10 1220:18 1251:5 1264:11	unique 1356:16,18	1245:19 1246:11 1287:5
type 1214:21	1288:13 1296:2	1402:21	1323:12,18
1333:18 1379:10	1297:5 1300:8	uniqueness	1325:6,10,14
1424:16 1439:22	1305:6	1355:15	1326:22 1327:14
1445:17 1450:16	1307:1,2,6 1316:17	<b>units</b> 1198:1,5 1205:21	1330:7,21 1331:17,18
types 1263:4,5,6,21,22 1333:1 1334:16 1436:5 1439:17 1442:9 1445:6,7	1318:3,19 1323:4 1326:20 1327:20 1340:14,17 1345:13 1346:9	universe 1320:4 1442:8 unknowns 1425:16	1332:19,20 1333:4,8,10 1335:2,5 1337:16
typically 1326:1	1348:4 1355:10	unless 1220:12	1338:2,8 1340:20 1341:3
1336:1,9,19	1356:3 1378:4	1257:15 1409:1	1342:12 1346:3
1447:17	1389:4 1390:21	<b>update</b> 1244:11	1355:17 1358:7
	1409:6 1413:9	1246:13 1274:15	1414:9 1418:1
<u>U</u>	1435:2,15 1438:12 1442:14	1313:2	utility 1194:21
<b>Uh-huh</b> 1452:16	1.50.12 1112.11	updated 1248:7	1198:18 1200:19

<u> </u>		
<b>Velazquez</b> 1284:2.4 1332:6	waiting 1372:7 1429:20	1367:3 1369:12 1475:4,19
Velazquez's	waived 1191:14	weighed 1283:9
	1192:7 1373:15	weight 1283:11
	walk 1466:16	Weinberg 1186:17
· ·	wall 1212:20	we'll 1192:12
versions 1232:9,13	Warner 1339:10	1283:18 1286:2
versus 1271:12	warp 1257:16	1300:4 1308:8
	<b>WASA</b> 1187:17	1318:7,8,16 1327:4 1372:12
		1373:20,22
	_	1405:19 1444:3
· ·	1186:5,15,19	1474:5 1475:17
-	1187:7,11,15,20	well-established
	wasn't 1255:11	1436:4 1439:18
1205:2,8	1257:9 1263:14	we're 1191:20,22
1215:15 1223:7		1199:18 1200:13
1319:14 1323:5		1203:3 1212:12
1374:18		1214:20 1227:19
view 1349:4		1255:13 1259:21 1264:4 1294:11
		1300:15 1311:3
	· ·	1318:17 1321:20
r		1326:2 1331:17
		1333:5 1334:8
violated 1402:3	, i	1363:8 1373:7
visual 1350:7		1380:1,3 1384:14 1386:4
visually 1350:6	1311:13,17	1391:9 1394:5
VM 1446:5 7	1396:11	1396:13,18,21
Ź	web 1365:5	1397:3
1239:17	website 1365:5	1398:13,14
		1399:18 1400:17 1401:10 1404:16
		1401:10 1404:10
	1471:8,16	1407:9,11
voting 1401.9	Wednesday	1424:9 1425:2,4
	1300:18 1387:14	1432:6 1433:15
wait 1253:15	1417:14	1439:15 1444:21
1363:7 1370:3	week 1195:18	1449:4 1454:3 1462:14 1465:18
1372:8 1429:16	1371:16 1469:14	1467:10 1474:19
1432:10	weekend 1191:3	1107.10 117 7.17
	Velazquez's	1284:2,4 1332:6       1429:20         Velazquez's       1280:21 1327:6         1331:13       waived 1191:14         verify 1402:2       walk 1466:16         versions 1232:9,13       wall 1212:20         versus 1271:12       1274:22 1327:13         1334:9 1443:5       1466:8         vertically 1446:4       washington         vice 1187:3,5       1190:17 1195:14         1198:12,16       1205:2,8         1215:15 1223:7       1319:14 1323:5         1374:18       wasn't 1255:11         view 1349:4       1357:11 1408:10         1414:6 1450:5       1461:19,21         views 1420:6       washigton         vial 1255:511       1257:9 1263:14         1283:14 1298:5       1307:4 1310:8         1413:4 1459:4       Water 1320:22         1372:21 1469:5       ways 1245:16         1331:20 1418:15       1331:20 1418:15         visual 1350:7       weather         visually 1350:6       weid 1230:18         VM 1446:5,7       web 1365:5         vet 1460:20       we'd 1230:18         1461:1       1293:15         voting 1461:9       Wednesday         1300:18 1387:14         1417:14

	1 ag		
we've 1194:18	1328:5 1329:9	withstand 1462:2	1323:8,16,19,21
1199:1 1246:6	1338:1,7		1324:2,9,14,22
1262:15 1287:4	1353:12	witness 1188:2	1325:5,16,19,22
1294:8,10	1356:3,10	1190:11 1192:22	1326:6,13
1295:2,12	1357:13 1358:19	1193:7,13,14	1327:4,9
1296:22	1361:21 1379:8	1195:8	1328:1,4,8
1290.22	1401:4 1402:7	1200:2,5,10	1329:4,8,13,17,2
1302:13	1411:9,13	1201:14,18	1 1330:4,9,12
1302.13	1411.9,13	1202:7,11	1331:3,6,12
	1417:3 1424:3	1203:15,18	, ,
1318:14 1349:7		1204:21	1332:1,3,7,13,15
1356:18 1357:4	1436:17 1438:16	1205:2,7,13,17	1333:7,11,16,19
1379:14,20	1443:19 1447:21	1206:7,17	1334:5,8,20
1404:16 1414:22	1457:12 1458:17	1207:4,8,13	1335:3,6,20
1421:11 1422:3	1459:2 1474:20	1208:13	1336:13,19
1425:3 1449:10	White 1187:18	1209:4,15,22	1337:18
1469:12,13	1188:10	1210:5	1338:10,16,19
1473:22 1475:11	1320:15,16,19,2	1211:3,18	1339:8,22
whatever 1271:13	1 1322:13	1212:5,16	1340:7,10,14,17
1301:7 1360:19	1366:4,6	1213:2,14,17,22	1341:7,15,20,22
1395:17 1404:17	1372:20	1214:4,12	1342:3,19
1406:9 1409:12	1469:6,10	1215:3,14,19,21	1343:14,19
1437:2	1473:16,17,18	1216:4,8,13,21	1344:5,10,17
	· · ·	1217:1,6,10,19	1345:2,8,13,19,2
Whereupon	<b>Whiteman</b> 1187:4	1219:5,11,15,19,	2 1346:6,9,15
1192:20 1231:9	1190:16,22	22 1220:4,17	1347:2,5,10,15,1
1299:12 1367:5	1369:14 1372:3	1221:11,15,20	8,21
1374:8 1475:21	1427:20 1472:18	1222:3,5,8,12,16	1348:1,3,8,16
wherewithal	1473:1,4	,19	1349:1,14,22
1358:5	whole 1218:18	1223:1,4,14,17,2	1350:4,8,10,14,1
whether 1192:17	1361:1 1364:7	0	6,19
1196:5	wholesale 1462:21	1224:1,4,8,11,14	1351:2,5,7,20
		,19,22 1225:4	1352:2,11,15,17,
1206:9,20,21 1213:8 1214:22	<b>whom</b> 1194:2	1226:8,13,15,17	20 1353:14
1215.8 1214.22	1210:4	1220.8,13,13,17	1354:7,15,20
	<b>William</b> 1188:11	1228:2,7,9,17,20	1355:6,10
1226:20 1245:10	1374:5,9,18	1228.2,7,9,17,20	1356:22
1246:2 1256:18	· · ·		1357:4,17
1261:12 1265:15	<b>WILLIE</b> 1185:19	1231:5,6,11,16	1358:3,15,18
1271:7 1272:22	winter 1344:14	1255:12,16	1359:10,21
1287:18 1292:13	wish 1230:11	1265:14,17	1360:7,10,12,16
1293:18	1364:4	1269:7 1298:10	1361:5,11,15
1294:3,17		1300:15,17	1362:5,20
1303:3 1304:22	withdraw 1279:18	1314:20,21	1369:17
1313:14 1314:20	1288:10 1450:7	1315:2,3,6,8	1374:3,10
1315:1 1317:8	1464:7	1320:9,12	1376:16,17
			15/0.10,1/

1 age 03			
1386:18 1388:4	1339:4 1358:3	1223:15,19	
1389:15,20		1268:2 1271:20	
1392:21 1398:22	<b>working</b> 1218:19	1273:9 1276:14	
	1221:6 1331:13		
1411:6 1413:12	1332:5 1370:11	1292:2 1309:20	
1427:22 1443:20	1407:13 1444:21	1310:18 1428:11	
1457:11,14	works 1249:17	1429:9	
1458:14 1459:1		you've 1308:3	
1461:13,18	1323:14	1315:16 1318:6	
1462:7 1472:22	1326:6,21	1319:7,21	
1474:16	worth 1356:7	1321:16 1325:20	
witnesses 1372:12	wrap 1462:17	1328:16 1340:16	
1373:2,4,10	write 1316:8	1346:20 1355:16	
1376:16,21	1385:4 1390:1	1388:6 1415:19	
1472:17 1473:7		1469:11	
wonder 1269:20	written 1432:2		
1272:12	1446:4	Z	
	wrong 1220:13	zero 1454:18	
wondering 1431:3	1305:11	2010 115 1.10	
1437:10 1472:8			
Woolridge	wrote 1457:19		
1474:10			
	<u> </u>		
work 1201:19	year-by-year		
1205:1 1208:18	1272:5 1343:8		
1218:3 1237:8	1344:20		
1238:1			
1298:3,7,9,16	<b>year's</b> 1306:7		
1301:8 1312:6,9	yesterday 1191:2		
1314:9 1325:10	1201:19 1213:12		
1327:13 1331:15	1323:14 1348:10		
1356:12 1357:9	1355:7 1362:22		
1374:17 1377:18			
1379:22	yesterday's		
1381:4,8	1236:2 1299:9		
1396:16 1421:9	1348:12		
1424:1	yet 1254:3 1256:3		
1440:10,14	1263:9 1385:19		
1440:10,14	1400:21 1475:11		
1442:11,20	York 1186:4,8		
1450:20 1451:4	,		
1454:2,3 1468:2	you'll 1289:17		
	1306:17 1346:1		
worked	1420:15 1440:15		
1204:19,22 1215:13 1277:9	<b>yours</b> 1281:9		
1299:20 1319:14	yourself		