BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH

)

)

)

)

IN THE MATTER OF THE) Docket No. APPLICATION OF CARBON/EMERY TELECOM INC. FOR AN INCREASE IN UTAH UNIVERSAL SERVICE FUND SUPPORT

16-2302-01

) Hearing

VOLUME 2

January 27, 2016 9:14 a.m.

Hearing Officer: Jennie T. Jonsson

Location: Public Service Commission 160 East 300 South, Room 451 Salt Lake City, Utah 84111

Job No: 281111 Reporter: Teri Hansen Cronenwett Certified Realtime Reporter, Registered Merit Reporter

Page 246 A P P E A R A N C E S 1 2 For Carbon/Emery: Kira M. Slawson 3 BLACKBURN & TOLL 257 Eats 200 South 4 Suite 800 Salt Lake City, UT 84111 5 (801) 521-7900 kslawson@blackburn-stoll.com 6 Justin C. Jetter For the Division of ATTORNEY GENERAL'S OFFICE 7 Public Utilities: 160 East 300 South 5th Floor 8 Salt Lake City, UT 84114 9 (801) 366-0335 jjettter@utah.gov 10 For the Office of Robert J. Moore Consumer Services: ATTORNEY GENERAL'S OFFICE 11 160 East 300 South 12 5th Floor Salt Lake City, UT 84114 13 (801) 366-0353 rmoore@utah.gov 14 15 16 17 INDEX 18 Witness Page 19 DAVID BREVITZ 20 Direct Examination by Mr. Moore 249 Cross-Examination by Mr. Jetter 259 Redirect Examination by Mr. Moore 21 260 22 BION OSTRANDER Direct Examination by Mr. Moore 23 263 Cross-Examination by Ms. Slawson 284 Cross-Examination by Mr. Jetter 24 298 Redirect Examination by Mr. Moore 299 25

1	DOUGLAS MEREDITH	Page 247
2	Direct Examination by Ms. Slawson	301
3	Cross-Examination by Mr. Jetter Redirect Examination by Ms. Slawson	304 313
4	Rediffect Examination by MS. Stawson	515
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

Page 248 January 27, 2016 9:14 a.m. 1 2 PROCEEDINGS 3 JUDGE JONSSON: Good morning. For the record, today is Wednesday, January 27th, 2016. It's just after 4 5 nine o'clock in the morning. We've had some technical difficulties in getting going. But this is the date and 6 7 time set for the continuation of the hearing, the formal hearing in docket No. 15-2302-01 in the matter of the 8 application of Carbon/Emery Telecom, Incorporated, for 9 10 an increase in Utah Universal Service Fund Support. We are to the point in the proceeding where 11 12 the Office of Consumer Services has the opportunity to present its case in chief. So Mr. Moore, if you're 13 14 ready. 15 Yes, your Honor. MR. MOORE: 16 JUDGE JONSSON: Take it away. 17 MR. MOORE: Initially, if I may, at the pleasure of the record to correct an error. 18 19 JUDGE JONSSON: Please. 20 MR. MOORE: It's been brought to my attention, 21 the very first words out of my mouth yesterday were 2.2 incorrect. Apparently I testified that I was 23 representing the Office of Community Services instead of the Office of Consumer Service. I'd like to make that 24 correction on the record. 25

Page 249 1 JUDGE JONSSON: Thank you. MR. MOORE: The office calls David Brevitz. 2 3 DAVID BREVITZ, called as a witness at the instance of the Office of 4 5 Consumer Services, having been first duly sworn, was examined and testified as follows: 6 7 DIRECT EXAMINATION 8 BY MR. MOORE: 9 Could you state your name, employer and 0. business address. 10 My name is David Brevitz. I'm an independent 11 Α. 12 regulatory consultant employed on behalf the Office of Consumer Services in this matter. 13 Have you reviewed the application and 14 Q. 15 testimony presented in this docket? 16 Α. Yes, I have. Have you filed direct rebuttal and surrebuttal 17 0. testimony? 18 Yes, along with related exhibits. 19 Α. 20 Do you have any changes to this testimony? Q. 21 I have three changes. The first -- in each Α. 2.2 piece of testimony. The first change is in my direct, 23 and it parallels the change that Mr. Coleman made 24 yesterday. And it involves confidential numbers. But I think if I refer to Mr. Coleman's change, we can 25

1	Page 250
1	accomplish that in public.
2	At Line 103 of my direct testimony, there is a
3	table which derives the weighted average rate of return,
4	and the separations factors in that table are slightly
5	off what they should be. So if one puts in the
6	separations factors that Mr. Coleman put in yesterday
7	and runs the arithmetic, the weighted average return
8	changes from the 8.45 percent shown in the direct as
9	filed to 8.46 percent.
10	JUDGE JONSSON: Okay.
11	A. And that should be the change. If we're ready
12	to move on to the next change, in my rebuttal at Line
13	20 at Line 98, change 1984 to 1991.
14	JUDGE JONSSON: Okay. Tell me the line again.
15	Sorry.
16	THE WITNESS: Line 98, change 1984 to 1991.
17	JUDGE JONSSON: Okay.
18	A. And then in my surrebuttal at Line 354, delete
19	two words. Delete "expected future." And that
20	completes my changes.
21	JUDGE JONSSON: Thank you.
22	Q. (By Mr. Moore) Other than those changes, if I
23	asked you the questions presented in your written
24	testimony, would your answers be the same?
25	A. Yes, they would.

Page 251 1 0. Have you prepared a summary of your testimony? 2 Α. Yes, I have. Would you read that into the record please? 3 0. Yes, I will. My direct rebuttal and 4 Α. surrebuttal testimonies and related exhibits have been 5 pre-filed on behalf of the Office of Consumer Services 6 7 on the subject of the appropriate rate of return for Carbon/Emery's application for increased Utah universal 8 service funds. 9 10 This case differs from a general rate case 11 where a company seeks to collect its revenue requirement 12 only from its customers. In this case Carbon/Emery seeks to transfer money from all consumers in Utah to 13 14 the members of Emery Telcom. At least three rate return 15 issues have been presented to the commission. The first is, what is the investors' required 16 17 return on equity for the state portion of the weighted average cost of capital? The second question is, what 18 is the appropriate balance of debt versus equity to be 19 20 assumed for the hypothetical capital structure for the state portion of the weighted average cost of capital 21 22 since Carbon/Emery is now 100 percent equity on its 23 books? 24 The third question is, what's the appropriate 25 rate of return for the interstate portion of weighted

Page 252 average cost of capital to be drawn from the FCC's Form 1 2 492 rate of return report? In my testimonies, I made the following 3 observations and recommendations to the commission: 4 5 First, Carbon/Emery presents its proposed rate of return and equity based on improper risk assessment that is 6 contrary to modern portfolio theory, basic principles of 7 8 finance and long-standing regulatory practice. In particular, the company advocates that 9 10 various premia be layered on top of determined rate of return based on individual company risk assessment. 11 12 This advocacy is entirely inconsistent with modern portfolio theory under which investors are compensated 13 14 only for systematic risk within an efficient portfolio 15 but not for any unsystematic risk such as the specific risks of an individual company. 16 Systematic risk is measured by beta in the 17 capital asset pricing model, which accounts for the 18 firm's sensitivity to changes in macroeconomic factors 19 20 such as inflation, the state of the economy, the term structure of interest rates, and the spread between 21 22 yields on low and high grade bonds. 23 The investor-required return on a company's stock is a function only of the risk factors that affect 24 25 all stocks, systematic risk. Under modern portfolio

Page 253 1 theory, investors are not compensated for firm-specific 2 or unsystematic risks since the investor can minimize 3 these risks by adhering to the cardinal rule of 4 investing, diversify.

5 Carbon/Emery's emphasis on firm-specific risk and various premia results in an inappropriately high 6 7 requested rate of return on equity which should be rejected by the commission. Second, Carbon/Emery's 8 advocacy of recognizing firm-specific risk in various 9 10 premia is inconsistent with the efficient market principles which underlie the operation of global 11 12 capital markets.

Were these various premia to actually exist, the implication would be that their investment strategies to profitably exploit them, efficient markets arbitrage away any apparent excess returns.

17 Third, Carbon/Emery's advocacy of recognizing firm specific risks and various premia as well as 18 leverage beta are not accepted approaches to rate of 19 20 return determination in state rate making proceedings. Carbon/Emery provides no citations to any decision by 21 22 the State Regulatory Commission accepting this approach. 23 In my search I could not find any instances where a state regulatory commission accepted such 24 25 recommendations. However, I did find instances where

1	Page 254 state commissions explicitly rejected these type of
2	approach.
3	If the commission accepts Carbon/Emery's
4	advocacy in this case, it can expect many jurisdictional
5	utilities across all sectors to seek higher rates of
б	return based on various premia specifically seeking
7	inclusion of a small company premium.
8	No. 4, Carbon/Emery's advocacy of recognizing
9	firm specific risks in various premia is one directional
10	and improperly ignores substantial offsetting additional
11	benefits, which pertain to incumbent local exchange
12	companies such as subsidy funds administered by state
13	and federal regulators, subsidized long-term debt
14	funding available from the RUS, subsidized long-term
15	debt funding available from banks owned by incumbent
16	local exchange companies such as CoBank, and the ability
17	to raise rates by a general rate case and long-standing
18	monopoly franchise originally granted to incumbent local
19	exchange companies.
20	Fifth, Carbon/Emery fails to provide a rate of
21	return calculation which is consistent and comports with
22	long standing State Regulatory Commission practices and
23	modern portfolio theory. My testimony provides a
24	recommended return on equity of 10 percent based on

25 appropriate and consistent rate of return estimations

Page 255 1 from recent determinations for state universal service 2 funding using both the standard CAPM, C-A-P-M and DCF 3 methodologies.

The commission can appropriately rely on these estimations and recommendations in this case. DCU also provides a recommendation based on the standard CAPM methodology which again is consistent with long-standing regulatory practice.

Six, Carbon/Emery recommends a capital 9 10 structure of 65 percent equity and 35 percent debt for the computation of the state portion of the weighted 11 12 cost of capital. OCS recommends the commission employ a 13 50-50 capital structure based on the fact that such a 14 capital structure is more balanced in favor -- the 15 requested capital structure is imbalanced in favor of the individual company and against the consumers which 16 17 pay money into the UUSF.

Furthermore, the commission explicitly rejected the use of 65-35 hypothetical capital structure in favor of individual company determinations. The 50-50 that the OCS recommends comes from an analysis of comparable companies.

No. 7, "The commission's rule requires
calculation of a weighted average rate of return on
capital of the intrastate and interstate jurisdiction."

Page 256 That's a quote from the applicable rule. 1 "From the 2 FCC's Form 492 rate of return report, which is generated by the NECA administration on behalf of the NECA pool." 3 Carbon/Emery selects a return from this report 4 which comprises only a small portion of the interstate 5 jurisdiction and not the full interstate jurisdiction. 6 7 The interstate jurisdiction is comprised of multiple services including common line, special access and 8 switched access services. 9 The commission's rule evidently did not 10 contemplate that the Form 492 report has more than one 11 12 rate of return on it. And not -- and the rule is not specific on which rate of return to use from that form. 13 14 OCS believes the proper application of the rule requires a rate of the return which covers all interstate 15 services, and that return would be the 9.40 percent rate 16 17 of return recommended in my testimonies. The rule refers only to a rate of return on 18 the Form 492, not any separate or additional rate of 19 20 return calculations. It's reasonable for the commission 21 to employ the rate of return on Form 492 which captures all interstate services and includes hundreds of rural 2.2 23 telephone companies across the country such as Carbon/Emery. 24 There seems to be some confusion surrounding 25

Page 257 the rule of NECA, the role of NECA and the Form 492 1 2 report. All rural telephone companies are in NECA's 3 common line pool. However, some companies, including Emery, have elected to withdraw from NECA's traffic 4 5 sensitive and special access pools. All companies offer common line special access 6 7 and traffic-sensitive access services in the interstate 8 jurisdiction. Each company has the choice of offering special access and traffic sensitive access services, 9 10 either through the NECA pooling arrangements or by managing and administering their own interstate tariffs. 11 12 No. 8. Carbon/Emery makes various assertions 13 that the company's access to capital is constrained and 14 therefore, the much higher rate of return sought is 15 justified. However, Carbon/Emery provides no specific evidence that access to capital is in fact constrained, 16 17 and in fact, its financial results demonstrate the 18 opposite. Carbon/Emery's paid off all its long-term 19 20 debt, and at the same time it has substantially grown 21 member equity. Cooperative members continue to 22 contribute to and benefit from growing member equity. 23 Lastly, Carbon/Emery's rate of return recommendations is imbalanced against the Utah statewide 24 25 consumers that pay money to fund the UUSF. This

	Page 258
1	imbalance can be considered from the likely reaction of
2	a Utah consumer to the fact that the company has
3	suggested it's appropriate that the consumer pay a 16.83
4	percent return to the company's member owners.
5	Such a consumer would no doubt refer to his or
6	her experience with investments and returns and view
7	such a request with dismay and perhaps anger, given that
8	investment experience, and especially so since the
9	consumer most likely cannot use Carbon/Emery services.
10	OCS's rate of the return recommendation of
11	8.46 is properly balanced between the consumers which
12	fund the UUSF and the need to fund appropriate cost of
13	basic telephone service from the UUSF. Furthermore,
14	this recommended rate of return is consistent with
15	recent return on equity decisions of the commission.
16	And therefore, we recommend that the commission adopt
17	the 8.46 rate of return as recommended.
18	Q. Does that complete your summary?
19	A. Yes, it does.
20	MR. MOORE: Mr. Brevitz is available for
21	cross.
22	JUDGE JONSSON: Ms. Slawson.
23	MS. SLAWSON: Carbon/Emery has no questions
24	for Mr. Brevitz.
25	JUDGE JONSSON: Mr. Jetter.

Page 259 MR. JETTER: I do have a few questions for 1 2 Mr. Brevitz. I think they'll be relatively brief. 3 CROSS-EXAMINATION BY MR. JETTER: 4 Are you familiar with, and maybe counsel might 5 ο. 6 have a copy, of OCS Exhibit 2R-2 which is a letter --7 Α. I have it. 8 0. Okay. And I'm going to read briefly from that letter a sentence that appears about a little beyond 9 10 halfway down. And this reads, "The general parameters of the rule accompanied by the variability attempted to 11 be included in the rule proposed may be applied by the 12 division itself in its interactions with companies." 13 Is that an accurate reading of what's included 14 15 in that letter? 16 Α. Yes. And I believe in your opening statement you 17 0. had said that the commission rejected the rule; is that 18 19 correct? 20 Α. Yes. Uh-huh. 21 ο. Is it your understanding then that the 22 commission also rejected the principles within the rule 23 and rejected their use in the future? 24 Α. No. I would not say that. 25 Okay. And finally, would it be reasonable for Q.

Page 260 1 a rural utility, a rural telephone company, potentially 2 to fall within the range of possible capital structures that could all be considered reasonable? 3 I don't know that I would put it that way. 4 Α. Ι 5 would say that the commission can and will exercise its 6 knowledge and judgment to determine what the appropriate capital structure is in this case. We recommended 7 8 50-50. The department's recommended 65-35. 9 Okay. 0. And the commission will make a decision. 10 Α. 11 That's the only questions I have for you. 0. 12 Thank you. Uh-huh. 13 Α. 14 JUDGE JONSSON: Any redirect? 15 MR. MOORE: One quick one. 16 REDIRECT EXAMINATION 17 BY MR. MOORE: After the sentence that Mr. Jetter read to 18 0. 19 you, is the next question -- sentence, "The commission 20 is also concerned of the impact of a rule in setting just and reasonable rates under Title 54 where the 21 commission is required to make a determination based 22 23 upon the evidence presented in adjudicated proceedings, based on circumstances facing each company relevant to 24 the time in which rates will be affected"? 25

Page 261 1 Α. Yes. 2 0. Do you believe that's consistent with a, an ongoing policy setting rates consistent throughout the 3 local telephone companies? 4 5 Can you repeat that. Α. Do you believe that's consistent with the 6 ο. 7 notion that there should be a long-term policy setting 8 capital structure for incumbent telephone companies? 9 Α. I think the sentence that we just went over indicates that the commission desires to have the 10 ability to make determinations based on the facts and 11 12 circumstances in the individual cases as they arise, rather than have the outcome governed by a particular 13 14 rule. 15 MR. MOORE: Thank you. I have no further 16 questions. 17 JUDGE JONSSON: Recross? MR. JETTER: No. 18 19 JUDGE JONSSON: Okay. Mr. Brevitz, I just 20 want to make sure that I understand. So you're recommending that the interstate rate of return taken 21 2.2 off of the NECA form is 9.4, correct? 23 THE WITNESS: Yes. For all the relevant lines 24 of business in the interstate jurisdictions. 25 JUDGE JONSSON: Okay. And on the intrastate

Page 262 where you're evaluating cost of debt and cost of equity, 1 2 there's no dispute that the cost of debt is the 5.636 3 that Carbon put in its application, right? THE WITNESS: Yes, that's correct. 4 5 JUDGE JONSSON: The cost of equity is where we 6 have the dispute. And your recommendation is for 10 7 percent? 8 THE WITNESS: Yes. 9 JUDGE JONSSON: Right? And so your, your 10 blend intrastate rate is then the 8.46, or is that the total overall? 11 12 THE WITNESS: 8.46 is the overall combined weighted average cost of capital for both jurisdictions. 13 14 JUDGE JONSSON: Okay. 15 THE WITNESS: 7.82 is the cost of capital for 16 the state jurisdiction. 17 JUDGE JONSSON: That was my question. THE WITNESS: Uh-huh. 18 JUDGE JONSSON: Okay. 7.82 percent for the 19 20 intrastate cost of equity. 21 THE WITNESS: Yeah, cost of capital. That's 2.2 the blended cost of debt and equity. 23 JUDGE JONSSON: Okay. Great. Thank you. THE WITNESS: And then the interstate return 24 25 of 9.40 is a comprehensive overall return for both debt

Page 263 1 and equity. JUDGE JONSSON: Okay. Thank you. 2 MR. MOORE: Office calls Bion Ostrander. 3 4 BION OSTRANDER, 5 called as a witness at the instance of the Office of Consumer Services, having been first duly sworn, was 6 7 examined and testified as follows: 8 DIRECT EXAMINATION BY MR. MOORE: 9 10 0. For the record, can you state your name, your employer and your business address. 11 12 Α. Bion Ostrander, Ostrander Consulting, 1121 SW Chetopa Trail, Topeka, Kansas, 66615. 13 Have you reviewed the application and the 14 Q. 15 written testimony in this case? 16 Α. Yes. 17 Did you file pre -- written test -- written 0. direct testimony and written surrebuttal testimony in 18 this case? 19 20 Α. Yes. Do you have any changes to this testimony? 21 0. 2.2 Yes. I am going to start with my revised Α. 23 direct testimony, page 1, Line 3. After the reading that says, "I am an independent regulatory consultant," 24 there should be a period. And then the remainder of 25

Page 264 that sentence and the related footnote should be 1 2 stricken. And in its place should be inserted, "I have 3 previously practiced as a CPA in Kansas since 1990." 4 5 But I am not presently holding myself out as a CPA in Kansas because I have not renewed my permit to practice, 6 7 and I have not yet submitted the required hours of 8 continuing education. And that same change should also be made to my 9 10 OCS Exhibit 1D-1 which is my CV. And if you go to that Exhibit, 1D-1, the second sentence and related footnote 11 12 should be stricken. So where it says, "I am an 13 independent regulatory consultant and have maintained an 14 uninterrupted permit to practice as a certified public 15 accountant in the state of Kansas since 1990," that should be stricken. 16 17 The reason I am making that change is just to make sure and to clarify in case there is any 18 misunderstanding that I'm not holding myself out at this 19 20 time as a CPA with a permit to practice. That will be renewed probably in the next few months, pending me 21 22 getting my CPE continuing hours -- continuing education 23 hours submitted. 24 Q. Was that your only change? 25 No. I have some other changes. Page 19 --Α.

Page 265 1 JUDGE JONSSON: Is this still in your revised 2 direct? 3 THE WITNESS: Yes. JUDGE JONSSON: Okay. 4 5 Page 19. If you go to table BCO3, under the Α. column that says allocation factors, if you go down to 6 7 the third line that says CABS, that should be stricken 8 and should be changed to "accounting in general." And then if you go to the 8th line down which currently says 9 10 Human Resources, that should be stricken and again that should say, "accounting in general." 11 12 I'm making this change because there was a 13 company document that had these allocation factors in 14 that format that I think were all under the same 15 assumption now that the accounting in general factor is applied to those particular department cost pools. 16

17 I have some more changes. If you go to page 27, the sentence that starts on 5, on Line 581 through 18 Line 585 should be stricken. That starts out, "If total 19 20 revenues was adopted... " And the reason that I'm striking that sentence is because the sentence down on 21 22 Lines 589 and 594 basically state the same thing and 23 provide that -- state that with more clarity. 24 And now page 30, going to Footnote 37. And 25 I'm going to add some words on the end of that sentence

1	Page 266 so that sentence currently ends with OCS 2.36. And the
2	remaining language after that should say, "for Carbon
3	and 2.40 for Emery, comma, with the related Excel
4	spreadsheets for these data request responses provided
5	with my direct testimony at work paper 1.5."
6	The reason I am making that change is because
7	OCS data request 2.36 relates to Carbon, and OCS data
8	request 2.40 relate to Emery. But they both provide the
9	same information related to the overheads. And when you
10	look at certain Excel files, they may say 2.36 or 2.40,
11	but they're the same information. They're just for
12	either company, although it's the same information.
13	Page 31 I'm sorry. Yes, page 31, footnote
14	38, this will be the same change. After the current
15	language it says, "OCS 2.36," and the language that
16	should be added to that is, "for Carbon and 2.40 for
17	Emery, with the related Excel spreadsheets for these
18	data request responses provided with my direct testimony
19	in work paper 1.5."
20	Also on page 31, Line 669 the first word
21	there, "Emery," that should be changed to
22	"Carbon/Emery's." Page 34, Line 735, "Column H" should
23	be changed to read "Column J." Page 35, Line 745
24	"Column I" should be changed to "Column K." Page 36
25	Line 781 after the word, "of," the two words, "triple

Page 267 play" should be inserted there. 1 2 Page 37, Line 783, strike the word, "IP TV" and insert "digital TV." This change is made to reflect 3 that the triple play bundle includes one regulated 4 5 service and two nonregulated services. But that other nonregulated service is digital TV and not IP TV. And 6 7 that concludes the changes for my direct. 8 And I have one change for my surrebuttal. And that is at page 20, Line 450, the word, "interstate" 9 10 should be changed to "intrastate." And finally, the last change that I have to my testimony is, I'm 11 12 withdrawing my adjustment related to the migration of cable TV customers from the cable TV affiliate to the 13 14 Internet affiliate. This adjustment was originally 15 proposed by DPU and then withdrawn. And now I've withdrawn that adjustment. That concludes my changes. 16 17 (By Mr. Moore) Other than those changes, if I 0. were to ask you those questions in your prepared 18 testimony, would your answers be the same? 19 20 Α. Yes. Have you prepared a summary of your testimony? 21 0. 2.2 I have. In this case, Carbon seeks about Α. 23 800,000 of new UUSF, along with existing UUSF of about one million for total UUSF of about 1.8 million that it 24 25 is seeking. Through its adjustments in this case, the

Page 268 1 OCS proposes to eliminate all of the new UUSF of 800,000 2 that Carbon is requesting and remove about 400,000 of 3 the existing UUSF so that OCS's bottom line 4 recommendation is that Carbon should get about 600,000 5 of UUSF.

6 My testimony proposes adjustments that are 7 consistent with state and federal law and regulatory 8 best practices included in Section 254K of the Federal 9 Telecom Act, Utah Code 54-8B-6 and the FCC's Part 32 10 affiliate transaction rules, along with the FCC's Part 11 64 cost allocation procedures.

12 The largest adjustment that I propose is 13 related to an overhead adjustment. And if this 14 adjustment is not made, it is my opinion that 15 Carbon/Emery's regulated operations will be subsidizing 16 its nonregulated operations for a fairly significant 17 amount. And that would be in violation of Utah Code 18 54-8B-6.

19 Regarding the overhead adjustment, I have a 20 number of concerns. One is that Carbon has not provided 21 a fully documented and supported Part 64 cost allocation 22 manual. This manual is deficient in a number of ways. 23 When the information was first submitted, it included 24 basically some PDF pages that look like they'd been in 25 Excel format, I think about 10 pages.

Page 269 And those pages had no underlying Excel 1 2 spreadsheets at that time that showed the calculations or explanation of how those factors were derived. 3 Subsequently, through a data request that OCS sent 4 asking for all supporting calculations and documentation 5 for the CAM, the company did provide some Excel 6 7 spreadsheets. 8 But once again, they provided these Excel spreadsheets without really any written explanation of 9 10 what literally are hundreds of thousands of fields included in these spreadsheets. 11 12 Also some of these spreadsheets are 13 database-type Excel documents. And they were not 14 presorted to show the amount of cost pools and how much 15 had been allocated to various expense accounts through various allocation factors. And that's also a 16 17 requirement of the CAM. So essentially the OCS is left with a CAM 18 with -- that really doesn't have a lot of narrative 19 20 explanation as to how the factors were derived along with the supporting calculations. 21 2.2 Some of the problems I have with the Carbon allocation factors are varied and numerous. First of 23 all, Carbon, for the cost pools of chief executive 24 officer, board of directors and public relations and 25

1	Page 270 marketing, they allocate 75 percent of those costs to
2	regulated operation and 25 percent to nonreg. I have
3	made adjustments
4	JUDGE JONSSON: Can I get the pools again.
5	CEO, board
6	THE WITNESS: And public relations slash
7	marketing. And each one of those cost pools uses the
8	same allocation factor, which is a single input
9	allocation factor that is the number of billing records.
10	For those three cost pools anyway, for the board of
11	director and chief executive officer cost pools, I have
12	changed that allocation factor to allocating 50 percent
13	to regulated and 50 percent to nonregulated.
14	For the remaining cost pool, public relations
15	and marketing, I have changed that to an allocation
16	factor of 25 percent regulated and 75 percent
17	nonregulated.
18	The loan remaining cost pool which I've
19	adjusted is customer service representatives. And the
20	company has allocated about 65 percent of those costs to
21	regulated operations and about 35 percent to nonreg.
22	And my adjustment basically flips those two allocations
23	and allocates about 35 percent to regulated and 65
24	percent to nonregulated.
25	The reason that I have opted to use a

Page 271 corporate allocation factor that includes five inputs instead of one is because in my vast experience in telecommunications and regulation in general, I've never seen a corporate overhead allocator that uses customer records as one single input.

Corporate overhead costs are varied and kind 6 7 of like a hodgepodge of various different expenses. And 8 so it would not usually be anticipated that one single allocator could be cost causative or directly related to 9 10 all of those different types of expenses. Also, Carbon is not provided any precedent in Utah cases or other 11 12 regulatory cases to show that a single input billing records allocator has been accepted or adopted in a 13 14 regulatory proceeding.

15 One of the examples that I've talked about is using Mr. Johansen, the chief executive officer, as an 16 example. Mr. Johansen's salaries, benefits, travel 17 costs, cell phone costs and miscellaneous travel costs 18 and credit card costs are all included in the chief 19 20 executive officer cost pool. And so they're all allocated by single input factor of number of billing 21 2.2 records.

But I don't think that the manner in which
Mr. Johansen spends his time is cost causative or
directly related to the number of billing records. I

Page 272 don't believe there's a director cost causative 1 2 relationship in that regard. The allocators that I have used or the inputs 3 and drivers that I have used in my corporate overhead 4 allocators consist of five elements. It's revenues, 5 expenses, payroll, net plant, and number of billing 6 7 records. So I have included the company's billing 8 records as one component, but I've also included four 9 other components. 10 The company has taken exception with my use of revenues as one of the inputs to the corporate overhead 11 12 allocator. However, it was just as recent as May 2014 13 that the company itself used revenues as a single driver 14 for the business solutions allocator. So it's clear 15 that despite their objection to me using revenues, they themselves were using the same revenues allocator as a 16 driver in another overhead allocator -- or another 17 allocator. 18 Also, around 19 -- I'm sorry. Around year 19 20 2006, the company used three inputs, including payroll, number of customers and billing records, for the 21 22 corporate overhead general and allocating -- accounting 23 allocator. 24 So it's clear that the company has used 25 revenues and has used multiple inputs in the past. But

Page 273 1 for some reason they've changed that to a single unit 2 allocator which is number of billing records. And 3 coincidentally using that single allocator drives more 4 cost to the regulated operations and assists the company 5 in getting increased UUSF.

The company has also taken exception with my 6 7 use of an allocator of 24 of 25 percent for allocating 8 the public relations and marketing cost to regulated operations. One of the examples I give is the triple 9 10 play bundle which the company offers to its customers, which includes one regulated service, which is basic 11 12 local service, and two nonregulated services which are Internet and digital TV. 13

And for simplicity purposes, you could rationalize that I'm going to allocate a third of the advertising public relations costs to each one of these services, just on a common sense or reasonableness standpoint.

But when I further examine the type of advertising information the company provided me, I saw that there was no specific advertising or documentation that advertised basic local service as a stand-alone service. And even the advertising for triple play never specifically promoted local service. It just merely listed local service as one of the components of the

Page 274

1 triple play package.

2

3

4

5

6

7

8

25

Regarding the customer service representatives factor, we also have a difference of opinion there. I have allocated 35 percent of those costs to regulated operations. Basically using some of the same rationale that I used for the 25 percent factor for payroll and marketing, except I ratcheted it up another 5 percent just to be conservative.

The company's claim that the amount that I 9 10 have allocated of 900 -- I'm sorry. That's a confidential number. The company claims that the number 11 12 that I have allocated is excessive and they said the amount should be less than that. And in rebuttal, 13 14 Carbon/Emery provided an Excel spreadsheet with pivot 15 table. However, when I attempted to open that pivot table and look at it, it was hard-wired or hard-coded. 16

17 So I could not open it up. I could not look at the formulas. I could not see how the company 18 determined its calculations. So I'm not necessarily 19 20 saying it's incorrect. I'm just saying I don't have 21 adequate information at this point in time to audit that 22 information. And the company subsequently never sent me 23 an updated disk or information that would fix that information. 24

Another adjustment that I'm proposing is to

1 only include 50 percent of telephone plan under 2 construction of materials and supplies and rate base, 3 and I've basically used the same logic for removing 50 4 percent of those costs in both cases. Those account 5 balances have fluctuated significantly in recent years, 6 and it appears a significant increase in these accounts 7 is due to the company's placement of fiber.

8 However, my concern is, if we establish the level of telephone plan under construction materials and 9 10 supplies at the highest level it may ever be because of the company's construction fiber placement plan, when 11 12 those levels fall off, they will continue to recover UUSF at those unusually high levels. Therefore, I have 13 14 removed 50 percent of those amounts to reflect what I 15 think is a more reasonable level based on historical levels. 16

Another adjustment I have made is to remove 17 the company's proposed three year projection of an 18 access line loss. The company projects that it will 19 20 lose access lines through three years outside the test period through December 17th. They have already made 21 22 one true-up revision to that adjustment because their 23 projection was not accurate, and that's an indication of the problems with using these projections. 24

There are a lot of other changes in revenues

Litigation Services | 800-330-1112 www.litigationservices.com

25

Page 276 expenses that could possibly occur in the next three 1 2 years, and the company has not made any attempt to 3 synchronize those adjustment. They've basically taken one single component and said that is going to change in 4 5 the next three years and apparently assume that there will be no other changes for the next three years. 6 And 7 I don't think that's a reasonable manner to approach 8 this. I think it's more reasonable just to go ahead and withdraw that adjustment or remove it. 9 10 Also, I'm proposing an Adjustment 8 for depreciation. My adjustment is somewhat similar to the 11 12 DPU's adjustment in that we're both attempting to come to the reasonable depreciation expense amounts, except 13 14 we're coming at it from different angles. I'm not 15 opposed to the DPU adjustment. I just look at it as another methodology, an alternative to mine. 16 17 I've adjusted four accounts. And for the two larger accounts related to subscriber equipment and 18 aerial cable, these accounts will be fully depreciated 19 20 in the not-so-far future. And I have taken the amount of depreciation that remains to be depreciated on those 21 22 accounts and amortized it over five years. So 23 essentially I've delayed recovery of that depreciation 24 from three years to five years. And one thing I do want to make clear is that 25

1	Page 277 I'm only temporarily stopping depreciation on these
2	accounts. I'm not saying that these accounts will be
3	permanently stopped from recording depreciation. If the
4	company continues to make plan additions to these
5	accounts in the future, I'm not opposed to them coming
6	in and asking for increased UUSF if that occurs.
7	However, the problem that will occur if we
8	don't deal with these depreciation issues now is, once
9	again, the company will receive these elevated levels of
10	depreciation expense in the through its UUSF funds
11	that it draws down.
12	And then when these accounts do become fully
13	depreciated and/or if they would stop depreciation on
14	those themselves, they would continue to receive those
15	elevated levels of UUSF without actually incurring the
16	costs. And so those are some of the issues we are
17	attempting to deal with.
18	Finally the last adjustment I propose is an
19	interest synchronization adjustment. And the company is
20	opposed to this adjustment because they say interest
21	synchronization is not reasonable for a company that has
22	a hypothetical capital structure.
23	But I provide an example of a case here in
24	Utah, and I cited to a specific commission order which
25	calculated synchronization on Gunnison Telephone

Page 278 Company. And that was via a stipulation between Gunnison and the DPU, and the commission accepted that stipulation. So there's definitely some precedent there.

5 Also, the company has used the cost of debt in 6 its cost of capital calculations, although it doesn't 7 have any existing debt. So they are getting the 8 advantage of using the cost of debt via an increased 9 rate of return. So that benefits them, and they get 10 increased UUSF.

11 But it appears the company wants the best of 12 both worlds. They want to be able to include the cost of debt in rate of return, and receive an elevated rate 13 of return and increased UUSF, but they don't want to 14 recognize the interest synchronizations on that same 15 cost of debt. So in a sense, they want to recognize 16 cost of debt when it's beneficial to them, but they want 17 to ignore the cost of debt also when it's beneficial to 18 19 them. That concludes my summary.

20 MR. MOORE: Your Honor, before I submit 21 Mr. Ostrander for cross, I want to state that the OCS 22 had a different understanding with regard to the 23 questions asked by the commission prior to this hearing. 24 We understood that the answers should be in the form of 25 evidence presented by a witnesses.

	Page 279
1	JUDGE JONSSON: That's fine.
2	MR. MOORE: Rather than a policy argument
3	presented by attorneys. However, I would like to simply
4	ask Mr. Ostrander these questions and have him reply
5	quickly. If on cross policy issues comes up, we would
6	like to object to Mr. Ostrander sending up the policies
7	of the OCS and instead introduce those if this
8	occurs, introduce the policies through the testimony of
9	Michele Beck of the office.
10	JUDGE JONSSON: We'll deal with that if it
11	comes up. If you feel like you need to change your
12	witness, let me know, and we'll see where we are. To
13	the statement you'd like to have Mr. Ostrander respond
14	to those questions, that's fine. You can go ahead and
15	do that now.
16	Q. (By Mr. Moore) Yes, Mr. Ostrander, in
17	question No. 1, Utah Code 548-B, are you satisfied that
18	the continued or increased disbursements of the UUSF
19	would not serve to subsidize a nonregulated operations
20	of Carbon/Emery, Carbon/Emery Telecom, Carbon/Emery?
21	Why or why not?
22	A. OCS is concerned that continued and increased
23	disbursements from the UUSF would cause nonregulated
24	affiliate operations to be subsidized by Carbon/Emery's
25	regulated operations. And this would be in violation of

Page 280

1 the statutory language.

2

3

4

5

6

The adoption of OCS proposed adjustments will sufficiently mitigate the subsidization of nonregulated affiliate operations by Carbon/Emery's regulated operations to warrant continuation of the UUSF at the level we recommend in this case.

7 The commission should adopt OCS adjustments 8 that reduce Carbon/Emery's total proposed UUSF from about 1.8 million to about .6 million, and this would 9 10 consist of the following: Removing the entirety of OCS proposed new increase in the UUSF of about 816,909 and 11 12 removing about \$428,897 of Carbon/Emery's existing UUSF 13 to about 1,038,714, which results in a residual amount 14 of 609,907 that Carbon would be able to recover from the 15 UUSF.

16 Carbon/Emery assigns and allocates costs, 17 including corporate overhead expense to its regulated 18 operation that causes nonregulated affiliate services 19 such as retail Internet service provided by 20 Carbon/Emery's nonregulated affiliate to be subsidized 21 by Carbon/Emery's regulated services. 22 As an example, the OCS proposed adjustment

BCO2 to revise Carbon/Emery's allocation of corporate overhead expenses and shift a certain amount of corporate overhead expenses from regulated operations to

Page 281 1 nonregulated operations to prevent substantive cross 2 subsidizations of nonregulated operations by regulated 3 operations.

In addition, my testimony explains that I have proposed adjustments that are consistent with state and federal law, along with regulatory best practices to help mitigate the negative impact of Carbon/Emery's cross subsidization.

9 Citations to these are included in my 10 testimony. For example, my testimony explains that 11 controls subsidization concerns and related proposed 12 adjustments are properly addressed via Utah Code Section 13 54-8B-6 at Ostrander direct testimony, page 13, Line 292 14 through page 14, Line 313.

15 Also, my direct testimony addresses concerns related to cross subsidization via Section 254K of the 16 Federal Telecom Act of 1996 at my direct testimony page 17 12, Line 261 through page 13, Line 290. Also my 18 testimony addresses concerns related to cross 19 20 subsidization via the FCC's Part 32 affiliate transaction rules, per FCC Section 32.27, and that's 21 22 addressed in any direct testimony at page 14, Line 315 23 to page 15, Line 335.

24The final citation in my direct testimony25addresses concerns related to cross subsidization via

Page 282 the FCC's Part 64 allocation of cost rules at FCC 1 Section 64.901-904. And that is cited at my direct 2 testimony page 15, Line 337 to Line 347. 3 The second question reads, "Utah Code Section 4 ο. 54-8B-15-1A states, 'Base of phone service means local 5 exchange services.' Utah Code section 54-8B-15-6A 6 states, 'The UUSF shall be designed to promote equitable 7 8 cost recovery of basic telephone services." 9 Are you satisfied that a continued or 10 increasing disbursement from the UUSF -- UUSF to Carbon/Emery would comply with the statutory language? 11 12 Why or why not? OCS is satisfied that reduced level of UUSF Α. 13 14 that it recommends in this case will allow Carbon/Emery 15 adequate cost recovery related to basic telephone The OCS further asserts than an increased 16 service. disbursement or continued disbursement at current levels 17 would be equitable because it would allow Carbon/Emery 18 cost recovery for more than is necessary for basic 19 20 telephone service. Question No. 3 reads, "Utah Code section 21 ο. 22 54-8B-15-5 states, 'Operation of the UUSF shall be 23 nondiscriminatory and competitive and technologically neutral in the collection and distribution of funds, 24 25 neither providing a competitive advantage for nor

Page 283 imposing competitive disadvantage upon any 1 2 telecommunication provider operating in the state." Are you satisfied that continued or increased 3 disbursement from the UUSF to Carbon/Emery would comply 4 5 with the statutory language? Why or why not? OCS is concerned that the continued and 6 Α. 7 increased disbursements from the UUSF would not promote 8 nondiscriminatory, competitive and technologically neutral collection and distribution of UUSF, which would 9 be in violation of this statutory language. 10 When nonregulated affiliated Internet 11 12 operations are subsidized by Carbon/Emery's regulated 13 basic local exchange operations, via excessive 14 allocation of nonregulated affiliate cost to regulated 15 operations, this provides the company with excessive UUSF which it can use to undermine competitors that do 16 not have the ability to subsidize their competitive 17 operations because they do not have access to UUSF 18 revenues, and they do not have regulated operations 19 which could be used to subsidize their competitive 20 21 operations. 2.2 The adoption of OCS proposed adjustments will 23 sufficiently mitigate any competitive advantage enjoyed by Carbon/Emery to warrant continued disbursement of 24 UUSF funds at the level we recommend. OCS is satisfied 25

Page 284 that the reduced level of UUSF disbursement that we 1 2 recommend will not create any competitive disadvantages 3 for Carbon/Emery. MR. MOORE: Mr. Ostrander is available for 4 5 cross. 6 JUDGE JONSSON: Ms. Slawson. 7 MS. SLAWSON: Thank you. I'm going to need to 8 set up a projector. So it takes a few minutes to warm 9 up. I don't know if you want to break. 10 JUDGE JONSSON: Sure. Let's take a break. Plan on about 10 minutes. See where we are then. 11 12 (Recess from 11:17 a.m. to 11:29 a.m.) JUDGE JONSSON: All right. We're back on the 13 record. Ms. Slawson, go ahead. 14 15 CROSS-EXAMINATION BY MS. SLAWSON: 16 17 Thank you. Good morning, Mr. Ostrander. Q. 18 Α. Good morning. 19 I wanted to out -- at the outset, you are 0. 20 aware, are you not, that Carbon's current revised request for the UUSF in this case is \$573,643, correct? 21 2.2 Yes. Α. 23 Okay. I'm going to jump around a little bit 0. in the sake of trying to be brief. You just testified 24 25 that the imputed debt, 35 percent benefits the company.

Page 285 In fact, if the actual company debt is zero, the 1 2 calculation would show that the state rate of return would be the state return on equity; is that correct? 3 4 Α. Yes. Okay. Will you turn in your testimony to OCS 5 0. Exhibit 1D2 Schedule A3. 6 7 Α. Okay. 8 0. And I believe this is the schedule that you use as the basis for your table embedded in your 9 10 testimony BCO5; is that correct? 11 Α. Yes. Okay. The revenues that you've listed in 12 Q. Column D on the schedule, because I'm going to talk 13 about actual dollar numbers here, I'm not going to say 14 15 the numbers. But I want you to look at the column that has the dollar figures in it. 16 Okay. So just for clarification, you're on 17 Α. 18 page 2. 19 Page 2 of the --Q. 20 There's two pages to that particular --Α. Yeah, let's make sure. 21 0. 2.2 I just heard the word revenues, so... Α. 23 Yeah, page 2. Q. 24 JUDGE JONSSON: Okay. And the exhibit number 25 is OCS Exhibit 1D3. Is that what I heard?

Page 286 1 MS. SLAWSON: I think it's 1 D-2, Schedule A3, 2 page 2. 3 JUDGE JONSSON: Okav. (By Ms. Slawson) The revenues listed in Column 4 ο. D are annual revenue figures; is that correct? 5 6 Α. Yes. 7 Okay. And the operating expenses listed in 0. 8 Column F, those are annual expense figures, correct? 9 Correct. They exclude depreciation and income Α. 10 taxes. Right. Net plant that you have listed in 11 0. 12 Column H, those are annual net plant figures? Well, trial balance is not an annual amount. 13 Α. It's -- it's an amount that carries forward. But it's 14 15 the end of December 31st, 2014. In your net plant number, you did not 16 0. Okay. 17 reallocate the shared assets which were held 100 percent on the books of ETV, correct? 18 I did not do that. 19 Α. 20 Q. Okay. 21 And I don't think --Α. 22 And that --Q. 23 A. -- that any of these --24 That was the question. Thank you. Also, by Q. 25 your --

Page 287 Well, they didn't include any adjustments. 1 Α. 2 0. It's going to go faster if I ask the questions, and you answer the ones that I ask. 3 Well, there's -- I have to explain that these 4 Α. 5 amounts don't include any adjustments. 6 JUDGE JONSSON: If there's more that you want 7 to explain, your counsel can help you with that on 8 redirect. 9 THE WITNESS: Okay. 10 Q. (By Ms. Slawson) The -- by using the net plant 11 figure, I believe you've testified this is net plant. So depreciation is eliminated from that; is that 12 correct? Depreciation expense. 13 14 Accumulated depreciation is --Α. 15 0. Okay. -- deducted from that. 16 Α. 17 And by, by using net plant, you don't take 0. into account the different depreciation methods applied 18 to the regulated and the nonregulated companies that 19 20 were testified to earlier, correct? Α. 21 Correct. 22 Okay. On payroll amounts listed in Column L, Q. 23 those are annual payroll figures? 24 Α. Yes. 25 Q. Okay.

Page 288 1 Without any adjustment. Α. 2 0. And then, then the billing records that you listed in Column J, you've got those listed as dollar 3 4 figures, but those are not dollar numbers; is that correct? 5 6 Α. Correct. 7 The underlying data for those would be a 0. 8 number of billing records, correct? 9 Α. Yes. 10 0. Okay. And the billing records that you've listed there, if you -- if we eliminate the dollar sign, 11 those are monthly billing records; is that correct? 12 13 I believe that's correct. Α. Okay. So if we were going to be consistent 14 Q. 15 with the analysis, the figure in Column J should be 16 multiplied by 12 to get an annual figure, correct, on 17 billing records? Well, it's a matter of --18 Α. All the other --19 0. 20 -- what's representative because the -- I'm Α. relying on your allocation factors. 21 22 Okay. All of the other columns are Q. 23 annualized. But the Column J is a monthly figure; is 24 that correct? 25 Α. That's correct.

Page 289 1 0. Okay. Let's see. You excluded the -- you 2 just testified that you excluded the accumulated depreciation from the net plant number, correct? 3 4 Α. Yes. And then on the operating expenses, did you 5 ο. include from Column F payroll from net operating 6 7 expenses? 8 No, I didn't. Α. Okay. 9 0. 10 Α. It's intended to be in there. 11 So you've got payroll in Column J, and then 0. you've also included payroll in Column F; is that 12 13 correct? 14 Α. Yes. 15 Okay. And you would agree, would you not, 0. that Carbon/Emery has plant that would be fully 16 depreciated but still has costs associated with it? 17 18 Α. Can you --Plant can be fully depreciated, but it still 19 0. 20 has costs associated with it. Not depreciation but other costs associated with it, correct? 21 2.2 Α. Yes. 23 Okay. Okay. I want to talk a little bit Q. 24 about -- in your surrebuttal testimony and then here 25 today in your summary, you talked about on the one hand

Page 290 Carbon/Emery gave you hundreds of thousands of fields of 1 2 information, and then you testified that Carbon wasn't forthcoming with its data. So I want to touch on that a 3 little bit. 4 Looking -- you indicated that Carbon/Emery 5 gave you -- sent you a pivot table that was hard-coded; 6 7 is that correct? 8 Α. Excuse me. You said it wasn't working? 9 0. 10 Α. I was not able to open it up and look at the 11 assumptions or the formulas in it. 12 And that was sent to you how? Q. I received it -- that particular version, it 13 Α. was confidential, so I probably received it on a CD. 14 15 0. And would it surprise you to know that it was confidential, sent by me and you received it by e-mail? 16 That would not surprise me. 17 Α. Okay. And are you saying -- when you're 18 Q. 19 saying you couldn't open it, do you mean you couldn't 20 open the attachment, or do you mean that you couldn't open the pivot table? 21 2.2 I couldn't open the pivot table. Α. 23 Q. Okay. 24 I could open the broad Excel spreadsheet. Α. 25 And so when you opened it, the summary page Q.

1	Page 291 looked like this; is that correct?
2	A. I believe that's correct.
3	Q. Okay. And you're saying that when you went
4	to, for example, Column C-20, CSR Distribution, and you
5	clicked on that, it was hard-coded because the number
6	appeared up in the formula bar but no formula. Is that
7	what you're saying by hard-coded?
8	A. My version and maybe you have got this a
9	little bit my the pivot table appeared like as a
10	square like within the middle of the spreadsheet.
11	Q. Okay. So let's look at the exhibit that we've
12	identified.
13	MS. SLAWSON: I'll make sure that you have the
14	one that's been marked. May I?
15	COURT REPORTER: Yes.
16	Q. (By Ms. Slawson) I have turned to what's been
17	marked as CE Exhibit 3.3R. I'll give you just a minute
18	to get there. Okay. Does the exhibit that's printed in
19	the book look like the exhibit that's on the screen?
20	A. Yes.
21	Q. Okay. And do you are you is it your
22	testimony that you received the exhibit that looks like
23	this, or are you testifying that you received an exhibit
24	that looks different?
25	A. I received a particular schedule that had a

Page 292 pivot table that was kind of inserted within the body of 1 2 the exhibit. So you could appear like you could punch 3 on it and open it up and select things. Okay. Well, let's just see because this is 4 ο. the one that was sent to you. Let's just see. If we go 5 into that column and we double click it like you would 6 7 do in a pivot table, doesn't that take you to all of the 8 underlying data that the pivot table and that column in 9 the pivot table is representing? 10 Α. This particular spreadsheet does. 11 So I quess I want to be clear. You're -- are 0. you suggesting that you did not receive this particular 12 spreadsheet in this particular form? 13 14 Α. Yes. 15 Okay. So I quess we might need to recall a 0. witness or enter into evidence the e-mail that was sent. 16 Let me ask you this. Did you have any -- did you call 17 when you got the pivot table, and it was represented to 18 be a pivot table, and you couldn't make it work, did you 19 20 call the company? 21 Α. I did better than that. I put it in my testimony. And I never got any response back from the 22 23 company and never received a replacement disk. I'm talking about before under you filed 24 Q. No. your testimony. When you were in the process of filing 25

Page 293 -- preparing your testimony, did you call the company? 1 2 Α. No. I didn't know what to --Did you notify your counsel that the document 3 ο. was not as represented, and that he or she should make a 4 call to Carbon/Emery's counsel? 5 6 Α. I didn't know what I was supposed to have and 7 not supposed to have. There's a lot of documents I 8 received --9 0. Okay. 10 Α. -- which did not have the required information. And so I don't know what Emery was 11 intending to provide me. I never really know that. 12 Well, they said in their testimony they were 13 0. intending to provide you a pivot table. I would imagine 14 that if the pivot table didn't work, you would contact 15 the company. But you're saying, your testimony here 16 17 today, is that you did not contact anybody at the company about the nonworking pivot table that you 18 allegedly received; is that correct? 19 20 Α. I did not contact them because it was in my testimony and they could have contacted me. 21 22 Okay. Yes or no? Q. 23 I did not contact them. Α. Okay. That's the only question I have on the 24 Q. 25 pivot table. You also indicated that you received the

Page 294 cost allocation manual -- we're done with this. 1 Have a 2 seat if that's more comfortable for you. You also testified that you received a PDF of 3 the cost allocation manual; is that correct? 4 5 That was -- in the company's original filing, Α. that was a document that was originally provided. 6 7 Okay. And would, would it surprise to know 0. 8 that a copy of the Excel spreadsheet form of the cost 9 allocation manual was sent by counsel to your counsel 10 the day of the filing? I don't know. 11 Α. 12 Of the application. Q. I don't know, because sometimes there were 13 Α. documents I would receive, and I would not have a 14 15 working version. 16 So --0. 17 And some of those documents we got, and some Α. of them we didn't. 18 Would it surprise -- do you have anything to 19 ο. 20 dispute that the document was sent in an Excel spreadsheet version to office for the division and 21 22 office for the -- I mean counsel for the division and 23 counsel for the office the date it was filed on March --April 2nd? 24 I can't confirm if it was or wasn't. 25 Α.

Page 295 1 0. Okay. 2 Α. I just don't know. Did you visit Carbon or Emery to inspect its 3 0. books and records or plant prior to filing your 4 testimony in this case? 5 6 Α. No. We --7 0. Yes or no? 8 Α. We got the indication that DPU was not going to go and do field work, so we decided if they weren't 9 10 going to go that, it probably would not be necessary for 11 us. 12 Okay. And did you participate in the Q. conference held at the Office of Consumer Services on 13 August 24th with the company and the office to go over 14 15 some of the details in the testimony that was filed? Did you participate in that conference? 16 17 Α. Conference call? No. We actually had a conference. I just 18 Q. wondered if you were there. 19 20 Α. I don't -- I don't believe so. Okay. And one of your adjustments is with 21 0. 22 regard to materials and supplies, correct? 23 Α. Correct. 24 And you're concerned if Carbon's UUSF is Q. 25 established when the materials and supplies are what you

Page 296 would call high, then the materials and supplies -- and 1 2 if they then decrease or fall off, level off, that Carbon will over-recover UUSF; is that correct? 3 4 Α. That's correct. And if Carbon -- and if Carbon's levels of 5 ο. materials and supplies did drop off, it would be 6 reflected on Carbon's annual report filed with the 7 Public Service Commission; is that correct? 8 9 For what period? Α. 10 0. For the period -- for annually. They file 11 that annually. So the materials and supplies would be reflected on the annual Public Service Commission 12 report, correct? 13 14 Yes. Α. 15 Okay. And the division reviews the annual 0. reports, correct? 16 They review the annual reports, but that 17 Α. doesn't mean they take actions. 18 But they could. If they determined that the 19 ο. materials and supplies had leveled off or decreased, the 20 Division of Public Utilities could say, "Hey, you're 21 over earning." Is that correct? 22 23 I guess they could. Α. 24 Okay. Q. 25 But I'm not aware that they've done that. Α.

Page 297 1 0. You're not aware that they've done that in 2 this case, or you're not aware they have done that in any case? 3 4 Α. I'm not aware that they've done that in a 5 number of cases that I've been involved in. Okay. But it wouldn't surprise you to know 6 0. 7 that they have in fact done that with other telecoms 8 that you have not provide -- or not been involved with? 9 Oh, I'm not disputing that. Α. 10 0. Okay. You also indicated that in your BCO Adjustment 2 with regard to the accounting and general 11 allocator, you don't think billing records as a single 12 input is appropriate; is that correct? 13 14 Α. That's correct. 15 And yet in Mr. Woolsey's rebuttal testimony, 0. he included a calculation of the A and G allocator using 16 17 billing records, gross plant and payroll, weighted equally. And the result was within one half of one 18 percent of the original calculation using billing 19 20 records alone, wasn't it? He did that, but he included gross plant 21 Α. 22 instead of net plant. I'm recommending the use of net 23 plant. So he used -- you know, selected some factors that I had not used. 24 25 Gross -- and he select -- selected gross plant 0.

Page 298 so that all of the plant would be -- all of the plant 1 2 that might have costs associated would be included in the calculation, correct? 3 4 Α. Well, the problem with that --Well, just yes or no? 5 ο. You've got --6 Α. 7 MR. MOORE: Your Honor, I believe he is --8 JUDGE JONSSON: Do you know why Woolsey made his calculations as he did? 9 10 THE WITNESS: I --11 JUDGE JONSSON: Or would you be guessing? 12 THE WITNESS: I don't know why he did what he did. 13 14 JUDGE JONSSON: So perhaps that's a question 15 for your own witness. 16 MS. SLAWSON: Okay. One second. Those are all the questions I have. 17 18 JUDGE JONSSON: Any redirect? Oh, sorry. 19 Justin -- Mr. Jetter. Any cross? 20 CROSS-EXAMINATION BY MR. JETTER: 21 22 Thank you, your Honor. I just have one kind Q. 23 of short series of clarification questions, if that's 24 okay. 25 Α. Sure.

Page 299 1 In your opening statement you had mentioned 0. 2 that it was your understanding that the division had withdrawn its adjustment for cable migration; is that 3 4 correct? 5 Had withdrawn its original adjustment. Α. Okay. And what is your position with respect 6 0. 7 to the -- let me ask a question prior to this one. Is 8 it your understanding that the division maintains a adjustment for cable migration, but it's substantially 9 10 smaller than it initially proposed? I think they might have agreed with 11 Α. Mr. Woolsey's adjustment. 12 Okay. If the division continued a small cable 13 0. migration adjustment, would you be supportive or opposed 14 15 to that or uncertain? I would not agree with that because I do not 16 Α. agree with Mr. Woolsey's calculation methodology. 17 Thank you. 18 Q. Okay. 19 MR. MOORE: I just have one question, your 20 Honor. 21 JUDGE JONSSON: Uh-huh. 2.2 REDIRECT EXAMINATION 23 BY MR. MOORE: 24 Is there a possible mistake in your testimony Q. regarding the three issues presented to the -- presented 25

Page 300 by the commission? 1 2 Α. There may be a mistake. I'm not sure how this showed up in the official record, but regarding Question 3 No. 2, when I responded, I may have left out the word 4 5 "not," which would make a big difference in how it 6 reads. 7 0. Uh-huh. 8 Α. So this is really just two sentences. So I'll 9 just read the second sentence where I may have 10 inadvertently not included the word "not." "The OCS further asserts that an increased 11 12 disbursement or continued disbursement at current levels would not be equitable because it would allow 13 14 Carbon/Emery cost recovery for more than what is 15 necessary for basic telephone service." MR. MOORE: Thank you. I have no further 16 17 questions. JUDGE JONSSON: Ms. Slawson, anything further 18 for this witness? 19 20 MS. SLAWSON: No. 21 JUDGE JONSSON: Mr. Jetter? 2.2 MR. JETTER: No. Thank you. 23 JUDGE JONSSON: Okay. Is that -- does that 24 conclude your case in chief? MR. MOORE: That concludes the case. 25 The

```
Page 301
     office rests.
 1
 2
               JUDGE JONSSON: Okay. I spoke with a couple
     of the commissioners last night. They are willing to
 3
     take closing argument by brief, if that's what the
 4
 5
     parties prefer. Ms. Slawson, you've already mentioned
     that that would be your preference, correct?
 6
               MS. SLAWSON: That would be -- one point of
 7
 8
     order. We have URTA as an intervenor.
 9
               JUDGE JONSSON: All right. You are correct.
10
     Very good. Go ahead.
11
               MS. SLAWSON: Shall I?
12
               JUDGE JONSSON: Uh-huh.
13
               MS. SLAWSON: URTA would file -- or would call
14
     Douglas Meredith to the stand.
15
               JUDGE JONSSON: Mr. Meredith, you remain under
     oath.
16
17
               THE WITNESS: Yes.
                         DOUGLAS MEREDITH,
18
     recalled as a witness at the instance of the intervenor,
19
20
     URTA, having been first previously sworn, was examined
     and testified as follows:
21
2.2
                        DIRECT EXAMINATION
23
     BY MS. SLAWSON:
               Good morning, Mr. Meredith.
24
          Q.
25
          A. Good morning.
```

Page 302 You've already stated your name, employer and 1 0. 2 business address for the record so we'll skip over that. But can you tell us who you are representing? 3 Yes, I'm representing the URTA, the Utah Rural 4 Α. Telecom Association. 5 And as URTA's witness, do you have a summary 6 ο. of your testimony that would differ from the summary you 7 8 previously gave? Yes, just with a little bit more emphasis on a 9 Α. 10 couple of points that URTA is very concerned about. Go ahead. 11 0. 12 Α. Good morning, your Honor. The Utah Rural Telecom Association or URTA is an association comprised 13 14 of 13 members that are incumbent local exchange carriers 15 operating in Utah. URTA members are regulated by the commission and provide operational information to the 16 17 division and the commission on a regular basis. URTA is very concerned about the division's 18 proposed change of a company's decision of its 19 20 depreciation method when evaluating Utah USF disbursements or rate case proposals. This proceeding 21 22 is a case of first impression before the commission for 23 URTA members. This proceeding is the first time a change in depreciation method has been presented before 24 25 the commission to resolve a dispute between the division

1	Page 303 and a URTA member.
2	URTA recommends that the commission allow URTA
3	members to use their chosen group asset method, as
4	prescribed by Part 32 of the code of federal
5	regulations. And if modifications are needed, use
б	adjustments to the average service life as described by
7	Utah Code Annotated 54-7-12.1 that informs the
8	commission to include the, quote, alteration of asset
9	lives to better reflect changes in the economic life of
10	plant and equipment, unquote.
11	This process is contrasted by the division's
12	single asset straight-line method proposed by witness
13	Hellewell, that did not evaluate the alteration of asset
14	lives, nor did he examine Carbon/Emery's FCC method that
15	addresses the same issue.
16	If the commission ultimately decides to move
17	away from a URTA member's chosen depreciation method,
18	this change should be on a prospective basis, used only
19	for new assets placed into service. Utah Code Annotated
20	54-4-4 4A Roman F3 informs the commission on judging
21	the prudence of a company's decision on past in the
22	past and provides guidance in making monumental changes
23	to company operations.
24	Ultimately, if the commission wanted to adopt
25	the uniform policy for all companies, URTA recommends

Page 304 that the commission adopt a rule-making process that 1 2 would provide for expression by all interested parties. 3 When judging this recommendation, URTA urges the commission to please reflect on the experience we 4 5 had with the capital structure task force. As a participant in this task force, I witnessed the 6 7 development of proposal that addressed and balanced 8 competing interests. Furthermore, an added benefit of a rule making 9 10 process, is that all parties know the proposed policy. This benefits all parties and serves the public 11 12 interest. URTA also observes that a rule making process would serve the public interest in establishing guiding 13 14 principles for the development of an intrastate cost of 15 equity. Such a process would greatly increase the precision of an estimate by establishing generally 16 accepted methods to estimate the cost of equity for a 17 particular company. 18 I urge the commission to consider these 19 20 recommendations as it judges this case. This ends my 21 URTA summary. MS. SLAWSON: Mr. Meredith is available for 2.2 23 cross-examination. 24 JUDGE JONSSON: Mr. Jetter. 25 CROSS-EXAMINATION

Page 305 BY MR. JETTER: 1 2 0. I do have a few questions. Mr. Meredith, good morning. Are you aware that there are URTA members that 3 use single asset straight line depreciation? 4 5 Yes, I am aware that some do. Their Α. circumstances are unique, I would say. I know that at 6 7 least one is an average schedule company. But the 8 decision of a company to use a particular depreciation 9 method is the company's. 10 0. And it would be your testimony that the 11 universal service funds support for a company that is subject to that decision should vary by company based on 12 their chosen depreciation method? 13 14 Α. Yes. Because the Utah Code allows for 15 adjustments to the method that, that reflect what the commission has described in its order on the motion for 16 17 summary judgment. And so it is your testimony then that the 18 0. amount that other rate payers for telephone service in 19 20 Utah pay to support rural telephone service should vary based on the, I guess, the whims of an accountant at 21 22 each of URTA's members? 23 Α. No. No. 24 But you did testify that they should be Q. No. 25 able to choose whatever depreciation method they wish

Page 306 and that their universal service fund calculation should 1 2 then be calculated based on that? 3 No, I didn't say that either. Α. You did testify that there are URTA members 4 ο. that do have different accounting methods; is that 5 6 correct? 7 Α. Yes. 8 0. And you don't think those should be adjusted by the commission? 9 10 Α. No. I didn't say that either. What I said --11 Go ahead. 0. 12 -- was that if there were to be changes to Α. better reflect the economic life of plant and equipment, 13 14 those changes and those adjustments can be made using 15 what the Utah Code talks about, and what we've described in this proceeding as adjustment to the average service 16 17 life. And that's regardless of the fact that the 18 0. choice to use single asset straight line depreciation 19 20 would result in a different number for the exact same scenario with the same company as the choice to use a 21 22 group asset method? 23 Well, the straight line method is not --Α. didn't come down from Mount Sinai on tablets. 24 25 That's not what I asked you. Q.

1	Page 307 A. And so what I'm saying is, it's an
2	approximation. Straight line method is an
3	approximation. The group method is an approximation of
4	the actual diminution of value of the asset. And the
5	commission can judge very, very plainly which better
6	actual which method more accurately attempt or
7	describes the actual.
8	A straight line method as proposed by the
9	office does not have adjustments contemplated in it.
10	And so it's, by my judgment, a less accurate
11	representation of the actual.
12	JUDGE JONSSON: Did you mean to reference the
13	division when you mentioned
14	THE WITNESS: Division, I'm sorry. Yes.
15	Q. (By Mr. Jetter) Let me ask you another
16	question. When is are you familiar with the
17	accounting practices of URTA members?
18	A. Some of them, yes.
19	Q. Do you know when the last depreciation study
20	was done by any URTA member?
21	A. URTA members depreciation study, I'm not
22	exactly sure how you're defining that. But URTA members
23	do review depreciation and depreciation expenses and
24	activities continually.
25	Q. Do you know the last time that one of them
1	

Page 308 reviewed their operations, all of their plant and 1 2 reviewed the service lives of the current plant and then adjusted their accounting service lives to match? 3 Well, if -- well, they do this continually. 4 Α. 5 They look at -- they look at whether there's adjustments that need to be made on a continual basis through --6 7 particularly the cost studies. I can't speak to the 8 average schedule companies because they have different procedures. But for a cost company like Carbon/Emery, 9 10 and for other cost companies that are URTA members, this is a continual function. 11 12 Okay. And so let's talk about that for a ο. Let's say hypothetically you have a building 13 second. that you put in your account with, let's say, a 30 14 15 year -- let's say a 20 year service life. And you realize that that building is going to last for 60 16 years. You would certainly adjust that service life to 17 60 years, would you not? 18 That's a very strange hypothetical. Quite 19 Α. 20 extreme to go from an estimated service life when it was placed into service at 20 and then suddenly realize 21 22 that, oh, golly, it's going to last for 60. 23 But an adjustment even that extreme is looked at in evaluation. If it's reasonable to make that type 24 25 of a hypothetical extreme, then it would be reasonable

Page 309

1 to make the adjustment.

2 Q. It would be unreasonable not to make that 3 adjustment, would it not?

A. In your hypothetical, if you -- if you find a
situation where the expected life of the asset exceeds
or needs to be changed from what is being used,
contemplated with all the assets that are -- with all
the activity and projected activity of that asset, yes,
it's reasonable to make the change.

Q. Okay. And so if I looked at a group of assets, for example, and we saw that more than half of them were beyond their expected service life, and yet the group was remaining with such a large amount of assets and that far exceeding their expected service life, that would indicate that these adjustments were not being made in a timely manner, would it not?

A. No, not at all. Because if an asset is beyond its expected service life, that means that all the depreciation expense that would accrue to that asset is gone. There is no -- there is no depreciation expense allocated to that asset.

And but the asset is still -- is still used and useful. And so the company still uses it. It doesn't dispose of that asset if it still has useful life.

Page 310 1 0. Okay. How does -- how does the gross value of 2 that asset that's beyond its service life change the depreciation diminution of value of a new asset that's 3 added that's unrelated to that old asset and is the 4 5 exception that it happens to be in the same group? Well, technically there is only one asset in a 6 Α. 7 The group has the asset. There are units in group. that group. But there's one asset for purposes of 8 9 depreciation. 10 0. Okay. I guess we're talking semantics. So 11 let's go back and ask the same question. If we have a unit in the group that is beyond its expected service 12 life, and you testified that it would be fully 13 depreciated, how is that changing the diminution of 14 15 value of a new unit that would be added within the same group? 16 Well, under this particular method, the 17 Α. proposal, the method prescribes that you use the average 18 service life of the group. And so if you were to add a 19 20 particular asset to -- a unit to a group asset, then the average service life would change. 21 22 And are you aware of that recalculation having Q. 23 been done by URTA members? 24 Α. Yes, they -- as I said before, they evaluate 25 that based upon the expected service life of the -- of

Page 311 all of the units in a group on a continual basis. 1 2 0. Okay. And so a building that would last for 60 years being on a 20 year depreciation schedule, how 3 would that match up with what you're describing? 4 5 Well, I wouldn't see that hypothetical. Α. Okay. What if that was in fact on the books 6 ο. 7 of one of your URTA members? 8 Α. If that was on the books of the URTA members, then -- well, it's a hypothetical that is just so 9 10 extraordinarily odd that can't -- I don't know. I mean, obviously, I would be saying are you sure you -- go 11 12 check the -- go check that 60 year expected life of that, of the building. Because it's a hypothetical that 13 is a corner solution. It's way extraordinary. 14 15 0. You're happy to discuss hypotheticals with all of the other URTA members; is that right? 16 17 With -- I'm sorry. Say again. Α. You're happy to discuss hypothetical future 18 Q. interactions with the commission with the URTA members; 19 20 is that correct? Well, the only hypothetical that I can recall 21 Α. 22 in this proceeding was a \$1,000 hypothetical which was 23 used. And that's, that's a perfectly reasonable 24 hypothetical because it's very true to what happens. 25 Okay. But a building that, let's say, was Q.

Page 312 \$500,000, but in the same scenario where you fully 1 2 depreciated it by year 10 and you're now in 21 adding a new unit in that group, how does that differ from -- or 3 other than if you were --4 5 Well, the asset -- if you add a new unit to a Α. 6 building group, then you have a change in, as I men --7 as I said before, you have a change in the average 8 service life of that group. 9 0. Okay. 10 Α. And you make the change. But the annual depreciation method then from 11 0. 12 that depreciation method of group depreciation would result in a different number for a particular year than 13 a single asset straight line; is that correct? 14 15 Α. I think I've already answered that. Correct, 16 yes. Okay. And so then two companies with the same 17 0. facts but different accounting methods would present 18 different depreciation calculations to the commission? 19 20 Α. They could. Those approximations of depreciation could differ. 21 22 Okay. And you do have URTA members that use Q. varying types of accounting practices; is that correct? 23 Yes, as I've said before, they have 24 Α. 25 different -- they have different depreciation methods.

	D
1	Page 313 And this is why the alternative, also as I described in
2	my summary, comes to bear, that if the commission wants
3	a uniformity, then we should look at this so that all
4	interested parties are able to talk about it in a
5	rule-making procedure or task force.
6	Q. But until then, they should you believe
7	that they should receive UUSF based on whatever,
8	whatever they decide to come in with; is that correct?
9	A. No. The depreciation expense is thoroughly
10	reviewed by the division. And if it comes to an
11	adjudicated proceeding, it's reviewed by the commission,
12	and it would be deemed whatever changes or
13	alterations are made would be deemed would be
14	eventually deemed prudent. And the commission and the
15	division and the company should receive that, that
16	assignment.
17	MR. JETTER: Thank you. That's all the
18	questions I have.
19	MR. MOORE: No questions, your Honor.
20	JUDGE JONSSON: Ms. Slawson, any redirect?
21	REDIRECT EXAMINATION
22	BY MS. SLAWSON:
23	Q. I just have one question on redirect. You
24	testified that the URTA members have different methods
25	of doing depreciation. They also have different Public

Page 314 Service Commission prescribed rates of depreciation, 1 2 don't they? Yes, I believe they do. They do indeed. 3 Α. MS. SLAWSON: That's all I have. 4 5 JUDGE JONSSON: Any recross? MR. JETTER: No recross, thank you. 6 7 JUDGE JONSSON: Thank you. Thank you for 8 keeping me on my toes. All right. So I believe that concludes the testimony today; is that correct? 9 10 MS. SLAWSON: Yes. JUDGE JONSSON: All right. And the 11 12 commission, as I mentioned before, is willing to accept closing arguments by post-hearing brief. And I think 13 14 that's the way the parties want to go. So we need to 15 establish the deadline for that to happen. I also think it might be worth discussing page limit. And then I am 16 going to specifically request that the parties deal with 17 two issues in their closing arguments. 18 One, when we've been talking about 19 20 depreciation and about some of the allocated accounts for materials supplies, things like that, the parties 21 22 have all made reference to the possibility that another 23 rate case might be needed down the road. If Carbon -- Carbon's UUSF is set at a 24 25 relatively higher level based on a high depreciation

Page 315 expense and high materials and supplies right now, then we might need to have a rate case maybe within three years, five years, whatever, to correct for that, if at that point it's over-recovering.

5 On the other hand there's also been discussion 6 that if Carbon's UUSF is set today according to adjusted 7 depreciation and a more normalized value for materials 8 and supplies and things like that, then down the road at 9 some point, if it feels like it's under-recovering, it 10 can come in for a rate case and that UUSF can be bumped 11 up.

My question for you in your closing arguments is to give some sort of analysis as to why the commission should go one way or the other. If there's going to be a true-up, if you will, needed down the road, then why should the commission, Carbon, go high now and true up down later down the road?

Division office, why should the commission go normalized now and if necessary, increase later down the coad? Okay. So I'd like you to address that point.

And then also in dealing with depreciation, there's been some discussion about how the asset -- how Carbon's assets should be viewed. Carbon, it seems like your position is to ask the commission to view the assets and then each asset group were sort of one big

Page 316 1 machine that's being continually repaired, improved, 2 whatever, and therefore is being it depreciated all at 3 once.

And the division, the office seem to view the asset groups as being of a different nature, that when an addition is made, it's not a new piece to a new machine. It's a new asset, and the fully depreciated assets are then skewing that assets depreciation.

9 I believe we have in the record, particularly 10 in the exhibits, some pretty good list of what Carbon's assets are. And so I think we have the facts that we 11 12 might need in order to decide whose view of the assets is more accurate. But I would like some discussion in, 13 in your closing argument briefs as to why these assets 14 15 look like a machine versus why these assets don't like one single machine. 16

And I think that would be helpful to me and to the commission. Okay. So with that, does any party want to propose a deadline for closing argument briefs.

20MR. JETTER: Can I make one request?21JUDGE JONSSON: Sure.

22 MR. JETTER: If -- presumably we'll have, as 23 you discussed, a page limit. I was considering -- I 24 think it might be worthwhile to have a response that's 25 somewhat shorter page limit. So to make a response

Page 317 brief, but if parties need to respond to something they 1 2 may not have anticipated --3 JUDGE JONSSON: So you're thinking maybe two deadlines. One to file final closing arguments, and one 4 5 to file a reply to any other party's closing. 6 MR. MOORE: So I would be in support of that 7 argument as well. 8 JUDGE JONSSON: I'm certainly willing to go 9 I am concerned about the cost of this case. there. 10 This case has been protracted. There's been a great 11 deal of briefing. Every time we go for a new round of 12 briefing, the costs go up. And so I want you to bear that in mind as well. What's your --13 14 MR. JETTER: And I would be happy to make --15 JUDGE JONSSON: What's your suggestion? 16 MR. JETTER: Maybe the reply could be one or 17 two pages. 18 JUDGE JONSSON: Okay. 19 MR. JETTER: Just very brief. 20 MR. MOORE: We would like at least five pages. 21 JUDGE JONSSON: For closing argument? 2.2 MR. MOORE: For the reply brief. JUDGE JONSSON: For a final reply. What's 23 24 your thought Kira, Ms. Slawson? 25 MS. SLAWSON: Well, we're also concerned about

Page 318 the costs. Just kind of thinking out loud here. 1 If it 2 were a oral closing argument, we'd be limited by 3 minutes. 4 JUDGE JONSSON: Right. 5 MS. SLAWSON: And we could reserve however many minutes we thought we might need to reply. 6 7 JUDGE JONSSON: Right. 8 MS. SLAWSON: So I guess you could set a total 9 page limit and use it how you want. 10 JUDGE JONSSON: I like that idea. 11 MS. SLAWSON: But as I'm thinking about this, 12 you know, the initial closing argument then could be one page, and if they do everything on reply, so the parties 13 don't have the opportunity to -- the other parties 14 15 wouldn't have a opportunity to respond to the actual 16 They get the last word. So you know -closing. 17 JUDGE JONSSON: Okay. So somebody please make 18 a proposal. 19 MS. SLAWSON: Maybe. 20 MR. JETTER: I would -- well --MS. SLAWSON: Five pages for the reply seems 21 2.2 fine. 23 JUDGE JONSSON: Okay. 24 MS. SLAWSON: For the closing argument, I mean 25 there's a lot of evidence in the case, maybe 25 or 30

Page 319 1 pages. 2 JUDGE JONSSON: Okay. And you don't 3 necessarily need to repeat the evidence. 4 MS. SLAWSON: Right. 5 JUDGE JONSSON: You can cite to it. 6 MS. SLAWSON: Right. 7 JUDGE JONSSON: Twenty-five and five? Thirty 8 and five? MR. JETTER: Yeah, I can probably do 10 for a 9 10 closing. If we need more, that's fine. 11 MS. SLAWSON: The company has more issues 12 because we have to address the issues of the division 13 and the office. 14 JUDGE JONSSON: Both. Correct. 15 MR. MOORE: We would recommend 25 and 5. MS. SLAWSON: That's fine. 16 17 JUDGE JONSSON: Okay. All right. And then 18 dates. MR. JETTER: I think we're going to need time 19 20 to get a transcript. 21 JUDGE JONSSON: Shall we set the dates after 22 we see the transcript? 23 MR. JETTER: Sure. Do we -- well --24 JUDGE JONSSON: Or do you want to just say 25 like 30 days or X days after the transcript for closing

1	Page 320 argument, and then X days after that for rebuttal.
2	MR. JETTER: That works for us.
3	JUDGE JONSSON: Okay. So what period do you
4	need? The commission staff has input. Yes, John.
5	MR. HARVEY: Just what's our 240 deadline to
6	have an order out?
7	JUDGE JONSSON: We don't have a 240.
8	MS. SLAWSON: Not a rate case.
9	MR. HARVEY: Oh, that's right.
10	JUDGE JONSSON: Okay. How many days?
11	MS. SLAWSON: Does anybody have any idea about
12	how long the transcript's going to take?
13	(Discussion off the record.)
14	MS. SLAWSON: I'm wondering if for scheduling
15	purposes it might be easier to set the dates after we
16	get the transcripts. Because, you know, if the deadline
17	for filing ends up on a day that somebody has a hearing,
18	that's going to be anxiety provoking.
19	JUDGE JONSSON: I just don't want to have to
20	get the parties back together to discuss things. So
21	well, again, then we have more cost. So if we can
22	figure out today how many days you need to put together
23	your closing argument and how many days you need to put
24	together your reply, I think that would be best. So I'm
25	going to push you on that. Three weeks after
1	

```
Page 321
     transcripts?
 1
 2
               MS. SLAWSON: That's fine.
 3
               MR. JETTER: Yeah.
               JUDGE JONSSON: Okay. If there's a holiday in
 4
 5
     there, I'll adjust. So when I say three weeks, 21 days
     excluding any holidays. Including weekends but
 6
 7
     excluding holidays, okay? And then for your reply then,
     a week after that?
 8
               MR. JETTER: I think that's reasonable.
 9
10
               MR. MOORE: That's fine, your Honor.
11
               MS. SLAWSON: Sure.
12
               JUDGE JONSSON: Okay. So when we get the
     transcript, I'll issue a scheduling order. But I'll
13
14
     just do it unilaterally without calling a schedule
15
     conference, and put the actual dates into it. And issue
16
     that.
               Okay. I think with that, I'm ready to close
17
     the hearing unless I've missed something. Anybody?
18
     Okay. Thank you all very much. This has been extremely
19
20
     helpful.
21
               MS. SLAWSON: Thank you.
2.2
23
               (The proceedings in this matter concluded at
24
     12:17 p.m.)
25
```

1	Page 322 CERTIFICATE
2	STATE OF UTAH)
3	COUNTY OF SALT LAKE)
4	THIS IS TO CERTIFY that the foregoing proceedings
5	were taken before me, Teri Hansen Cronenwett, Certified
6	Realtime Reporter, Registered Merit Reporter and Notary
7	Public in and for the State of Utah.
8	That the proceedings were reported by me in
9	Stenotype, and thereafter transcribed by computer under
10	my supervision, and that a full, true, and correct
11	transcription is set forth in the foregoing pages,
12	Volume 2, numbered 248 through 321 inclusive.
13	I further certify that I am not of kin or otherwise
14	associated with any of the parties to said cause of
15	action, and that I am not interested in the event
16	thereof.
17	WITNESS MY HAND and official seal at Salt Lake
18	City, Utah, this 8th day of February, 2016.
19	T. II N. H
20	Tei Hansen Cronenwett
21	Teri Hansen Cronenwett, CRR, RMR License No. 91-109812-7801
22	My commission expires: January 19, 2019
23	Danuary 19, 2019
24	
25	

PROCEEDINGS DOCKET NO. 16-2302-01, VOLUME II - 01/27/2016 Index: \$1,000..7.82

r			Index.	ŞI,000/.02
· · · · · ·	282:3	24th 295:14	347 282:3	54-8B-15-5
\$	15-2302-01	25 270:2,16	35 255:10	282:22
\$1,000 311:22	248:8	273:7 274:6	266:23 270:21,	54-8B-15-6A
· •	16.83 258:3	318:25 319:15	23 274:4	282:6
\$428,897 280:12	17th 275:21	254K 268:8	284:25	54-8B-6 268:9,
		281:16	354 250:18	18 281:13
\$500,000 312:1	19 264:25 265:5 272:19	261 281:18	36 266:24	548-B 279:17
\$573,643 284:21		27 248:1	37 265:24	581 265:18
204.21	1984 250:13,16	265:18	267:2	585 265:19
1	1990 264:4,15	27th 248:4	38 266:14	
	1991 250:13,16	290 281:18		589 265:22
1 263:23 279:17 286:1	1996 281:17	292 281:13	4	594 265:22
1,038,714	1D-1 264:10,11	2nd 294:24	4 254:8	6
280:13	1D2 285:6	2R-2 259:6	400,000 268:2	6 280:9
1.5 266:5,19	1D3 285:25		450 267:9	
1.8 267:24		3	492 252:2	60 308:16,18, 22 311:3,12
280:9	2	3 263:23	256:2,11,19,21	600,000 268:4
10 254:24	2 285:18,19,23	282:21	257:1	
262:6 268:25	286:2 297:11	3.3R 291:17	4A 303:20	609,907 280:14
284:11 312:2 319:9	300:4			64 268:11,21
	2.36 266:1,7,	30 265:24 308:14 318:25	5	282:1
100 251:22 286:17	10,15	319:25	5 265:18 274:7	64.901-904
	2.40 266:3,8,	31 266:13,20	319:15	282:2
103 250:2	10,16	313 281:14	5.636 262:2	65 255:10 270:20,23
1121 263:12	20 250:13			
11:17 284:12	267:9 308:15, 21 311:3	315 281:22	50 270:12,13 275:1,3,14	65-35 255:19 260:8
11:29 284:12	2006 272:20	31st 286:15	50-50 255:13,	66615 263:13
12 281:18		32 268:9	21 260:8	
288:16	2014 272:12 286:15	281:20 303:4	54 260:21	669 266:20
12:17 321:24		32.27 281:21	54-4-4 303:20	7
13 281:13,18	2016 248:1,4	335 281:23		
302:14	21 312:2 321:5	337 282:3	54-7-12.1 303:7	7 255:23
14 281:14,22	24 273:7	34 266:22	54-8B-15-1A 282:5	7.82 262:15,19
15 281:23	240 320:5,7		202.0	

PROCEEDINGS DOCKET NO. 16-2302-01, VOLUME II - 01/27/2016 Index: 735..allocate

735 266:22	accept 314:12	accurately	260:23 313:11	adoption 280:2
745 266:23	accepted	307:6	adjust 308:17	283:22
75 270:1,16	253:19,24	Act 268:9	321:5	advantage
	271:13 278:2	281:17	adjusted	278:8 282:25
781 266:25	304:17	actions 296:18	270:19 276:17	283:23
783 267:2	accepting	activities	306:8 308:3	advertised
	253:22	307:24	315:6	273:22
8	accepts 254:3	activity 309:8	adjustment	advertising
0 057.40	access 256:8,9		267:12,14,16	273:16,20,21,
8 257:12 276:10	257:5,6,7,9,13,	actual 285:1,14 307:4,6,7,11	268:12,13,14, 19 270:22	23
	16 275:19,20	318:15 321:15	274:25 275:17,	advocacy
8.45 250:8	283:18		22 276:3,9,10,	252:12 253:9,
8.46 250:9	accompanied	add 265:25 310:19 312:5	11,12,15	17 254:4,8
258:11,17	259:11		277:18,19,20	advocates
262:10,12	accomplish	added 266:16	280:22 288:1 297:11 299:3,	252:9
800,000 267:23	250:1	304:9 310:4,15	5,9,12,14	aerial 276:19
268:1	account 275:4	adding 312:2	306:16 308:23	affect 252:24
816,909 280:11	287:18 308:14	addition 281:4	309:1,3	affected
8th 265:9	accountant	316:6	adjustments	260:25
	264:15 305:21	additional	267:25 268:6	
9	accounting	254:10 256:19	270:3 280:2,7	affiliate 267:13,14
	265:8,11,15	additions	281:5,12	268:10 279:24
9.4 261:22	272:22 297:11	277:4	283:22 287:1,5 295:21 303:6	280:4,18,20
9.40 256:16	306:5 307:17	address	305:15 306:14	281:20 283:14
262:25	308:3 312:18,	249:10 263:11	307:9 308:5	affiliated
900 274:10	23	302:2 315:20	309:15	283:11
	accounts	319:12	administered	agree 289:15
98 250:13,16	252:18 269:15	addressed	254:12	299:16,17
9:14 248:1	275:6 276:17, 18,19,22	281:12,22	administering	agreed 299:11
	277:2,5,12	304:7	257:11	
Α	314:20	addresses	administration	ahead 276:8 279:14 284:14
040-4	accrue 309:19	281:15,19,25	256:3	301:10 302:11
a.m. 248:1 284:12	accumulated	303:15	adopt 258:16	306:11
	287:14 289:2	adequate	280:7 303:24	allegedly
A3 285:6 286:1		274:21 282:15	304:1	293:19
ability 254:16	accurate 259:14 275:23	adhering 253:3	adopted	allocate 270:1
261:11 283:17	307:10 316:13	adjudicated	265:20 271:13	273:15

PROCEEDINGS DOCKET NO. 16-2302-01, VOLUME II - 01/27/2016 Index: allocated..bar

			Index: a	allocatedbar
allocated 269:15 270:20	13 276:20	appears 259:9 275:6 278:11	arrangements	attempt 276:2 307:6
	280:13,24	2/5:0 2/8:11	257:10	307:6
271:21 274:4,	286:13,14	applicable	assertions	attempted
10,12 309:21	305:19 309:13	256:1	257:12	259:11 274:15
314:20	amounts			
allocates	275:14 276:13	application	asserts 282:16	attempting
270:23 280:16	287:5,22	248:9 249:14	300:11	276:12 277:17
		251:8 256:14	assessment	attention
allocating	analysis	262:3 263:14	252:6,11	248:20
270:12 272:22	255:21 288:15	294:12		210.20
273:7	315:13	applied 259:12	asset 252:18	attorneys
allocation	and/or 277:13	265:16 287:18	303:3,8,12,13	279:3
265:6,13		200.10 207.10	305:4 306:19,	audit 274:21
268:11,21	anger 258:7	approach	22 307:4	
269:16,23	angles 276:14	253:22 254:2	309:5,8,17,19,	August 295:14
270:8,9,12,15		276:7	21,22,24	
271:1 280:23	Annotated	approaches	310:2,3,4,6,7,	average 250:3, 7 251:18,21
282:1 283:14	303:7,19	253:19	8,20 312:5,14	252:1 255:24
288:21 294:1,	ennuel 200.5	200.19	315:22,25	
4,9	annual 286:5,	appropriately	316:5,7	262:13 303:6
4,5	8,12,13 287:23	255:4	assets 286:17	305:7 306:16
allocations	288:16 296:7, 12,15,17	opprovimation	303:19 309:7,	308:8 310:18, 21 312:7
270:22	312:11	approximation 307:2,3	11,14 315:23,	21 312.7
allocator	512.11	307.2,3	25 316:8,11,	aware 284:20
271:4,9,13	annualized	approximation	12,14,15	296:25 297:1,
272:12,14,16,	288:23	s 312:20	12,14,10	2,4 305:3,5
17,18,23	annually	April 294:24	assignment	310:22
273:2,3,7	296:10,11		313:16	
297:12,16	230.10,11	arbitrage	assigns 280:16	В
	answers	253:16	-	
allocators	250:24 267:19	argument	assists 273:4	back 284:13
272:3,5	278:24	279:2 301:4	association	292:22 310:11
alteration	anticipated	316:14,19	302:5,13	320:20
303:8,13	271:8 317:2	317:7,21	,	
		318:2,12,24	assume 276:5	balance 251:19
alterations	anxiety 320:18	320:1,23	assumed	286:13
313:13	apparent	,	251:20	balanced
alternative	253:16	arguments		255:14 258:11
276:16 313:1		314:13,18	assumption	304:7
	apparently	315:12 317:4	265:15	
amortized	248:22 276:5	arise 261:12	assumptions	balances 275:5
276:22	appeared		290:11	banks 254:15
amount 268:17	291:6,9	arithmetic		
269:14 274:9,	,~	250:7	attachment	bar 291:6
			290:20	

PROCEEDINGS DOCKET NO. 16-2302-01, VOLUME II - 01/27/2016 Index: base..cases

			Index	basecases
base 275:2	254:11 271:17	briefly 259:8	312:19	253:21 254:20
282:5	278:9 284:25	_	aall 000,47.00	255:9 256:4,24
head 050.0 11	304:11	briefs 316:14,	call 292:17,20	257:12,15
based 252:6,11	hata 050.17	19	293:1,5 295:17	258:9,23
254:6,24	beta 252:17	broad 290:24	296:1 301:13	274:14 279:20
255:6,13	253:19		called 249:4	280:16 282:11,
260:22,24	big 300:5	brought	263:5	14,18 283:4,24
261:11 275:15	315:25	248:20		284:3 289:16
305:12,21		building	calling 321:14	290:1,5 300:14
306:2 310:25 313:7 314:25	billing 270:9	308:13,16	calls 249:2	308:9
515.7 514.25	271:12,21,25	311:2,13,25	263:3	Carbon/emery'
basic 252:7	272:6,7,21	312:6	CAM 000.0 47	s 251:8 253:5,
258:13 273:11,	273:2 288:2,8,	human a d	CAM 269:6,17,	8,17 254:3,8
22 282:8,15,19	10,12,17 297:12,17,19	bumped 315:10	18	257:19,23
283:13 300:15	297.12,17,19	315:10	capital 251:18,	266:22 268:15
basically	Bion 263:3,4,	bundle 267:4	20,21 252:1,18	279:24 280:4,
265:22 268:24	12	273:10	253:12 255:9,	8,12,20,21,23
270:22 274:5	bit 284:23	hushasa	12,13,14,15,	281:7 283:12
275:3 276:3	289:23 290:4	business	19,25 257:13,	293:5 303:14
215.5 210.5	209.23 290.4 291:9 302:9	249:10 261:24	16 260:2,7	
basis 285:9	291.9 302.9	263:11 272:14	261:8 262:13,	card 271:19
302:17 303:18	blend 262:10	302:2	15,21 277:22	cardinal 253:3
308:6 311:1	blended		278:6 304:5	
BCO 297:10	262:22	С	CAPM 255:2,6	carriers 302:14
	202.22		CAI WI 200.2,0	carries 286:14
BCO2 280:23	board 269:25	C-20 291:4	captures	
BCO3 265:5	270:5,10	C-a-p-m 255:2	256:21	case 248:13
	body 292:1	-	Carbon 262:3	251:10,12
BCO5 285:10		cable 267:13	266:2,7,16	254:4,17 255:5
bear 313:2	bonds 252:22	276:19 299:3,	267:22 268:2,	260:7 263:15,
317:12	book 291:19	9,13	4,20 269:22,24	19 264:18
		CABS 265:7	271:10 280:14	267:22,25
Beck 279:9	books 251:23		290:2 295:3	277:23 280:6
behalf 249:12	286:18 295:4	calculated	296:3,5 314:24	282:14 284:21
251:6 256:3	311:6,8	277:25 306:2	315:16,23	295:5 297:2,3
	bottom 268:3	calculation	Comb onl-	300:24,25 302:21,22
believes		254:21 255:24	Carbon's	304:20 314:23
256:14	break 284:9,10	285:2 297:16,	284:20 295:24	315:2,10
	Browitz 240.2	19 298:3	296:5,7 314:24 315:6,23	317:9,10
beneficial	Brevitz 249:2,	I	515.0,25	017.3,10
beneficial 278:17,18	3,11 258:20,24	299:17 306:1	316.10	318 25 320 8
278:17,18			316:10	318:25 320:8
278:17,18 benefit 257:22	3,11 258:20,24 259:2 261:19	calculations	Carbon/emery	cases 261:12
278:17,18	3,11 258:20,24 259:2 261:19 briefing	calculations 256:20 269:2,		cases 261:12 271:11,12
278:17,18 benefit 257:22	3,11 258:20,24 259:2 261:19	calculations 256:20 269:2, 5,21 274:19	Carbon/emery	cases 261:12
278:17,18 benefit 257:22 304:9	3,11 258:20,24 259:2 261:19 briefing	calculations 256:20 269:2,	Carbon/emery 248:9 251:12,	cases 261:12 271:11,12

PROCEEDINGS DOCKET NO. 16-2302-01, VOLUME II - 01/27/2016 Index: causative..comprised

		-	Index: causati	vecomprised
causative	circumstances	Coleman	314:1,12	8,11,12 306:21
271:9,24 272:1	260:24 261:12	249:23 250:6	315:14,16,18,	308:9 309:23
	305:6		24 316:18	313:15 319:11
CD 290:14		Coleman's	320:4	
CE 291:17	citation 281:24	249:25		company's
	citations	collect 251:11	commission's	252:23 257:13
cell 271:18	253:21 281:9		255:23 256:10	258:4 272:7
CEO 270:5		collection	commissioners	274:9 275:7,
	cite 319:5	282:24 283:9	301:3	11,18 294:5
certified	cited 277:24	column 265:6		302:19 303:21
264:14	282:2	266:22,23,24	commissions	305:9
change		285:13,15	254:1	comparable
249:22,23,25	claim 274:9	286:4,8,12	common 256:8	255:22
250:11,12,13,	claims 274:11	287:22 288:3,	257:3,6 273:17	
16 264:9,17,24		15,23 289:6,		compensated
265:12 266:6,	clarification	11,12 291:4	Community	252:13 253:1
14 267:3,8,11	285:17 298:23	292:6,8	248:23	competing
276:4 279:11	clarify 264:18	columns	companies	304:8
302:19,24			254:12,16,19	
303:18 309:9	clarity 265:23	288:22	255:22 256:23	competitive 282:23,25
310:2,21	clear 272:14,24	combined	257:2,3,6	,
312:6,7,10	276:25 292:11	262:12	259:13 261:4,8	283:1,8,17,20, 23 284:2
changed 265.9		comfortable	287:19 303:25	23 204.2
changed 265:8 266:21,23,24	click 292:6	294:2	308:8,10	competitors
267:10 270:12,	clicked 291:5	294.2	312:17	283:16
15 273:1 309:6		comma 266:3	company	complete
15 27 5.1 50 5.0	close 321:17	commission	251:11 252:9,	258:18
changing	closing 301:4	251:15 252:4	11,16 254:7	230.10
310:14	314:13,18	253:8,22,24	255:16,20	completes
check 311:12	315:12 316:14,	254:3,22	257:8 258:2	250:20
	19 317:4,5,21	255:4,12,18	260:1,24	comply 282:11
Chetopa	318:2,12,16,24	256:20 258:15,	265:13 266:12	283:4
263:13	319:10,25	16 259:18,22	269:6 270:20	
chief 248:13	320:23	260:5,10,19,22	272:10,13,20,	component
269:24 270:11	Cobank 254:16	261:10 277:24	24 273:4,6,10,	272:8 276:4
271:16,19		278:2,23 280:7	20 274:11,18,	components
300:24	code 268:9,17	296:8,12 300:1	22 275:19	272:9 273:25
	279:17 281:12	302:16,17,22,	276:2 277:4,9,	
choice 257:8	282:4,6,21	25 303:2,8,16,	19,21 278:1,5,	comports
306:19,21	303:4,7,19	20,24 304:1,4,	11 283:15	254:21
choose 305:25	305:14 306:15	19 305:16	284:25 285:1	comprehensive
	coincidentally	306:9 307:5	292:20,23	262:25
chosen 303:3,	273:3	311:19 312:19	293:1,16,18	
17 305:13		313:2,11,14	295:14 303:23	comprised
			304:18 305:7,	256:7 302:13

PROCEEDINGS DOCKET NO. 16-2302-01, VOLUME II - 01/27/2016 Index: comprises..database-type

		TIME	x. comprises.	ualabase type
comprises	254:21,25	continue	295:22,23	COURT 291:15
256:5	255:7 258:14	257:21 275:12	296:3,4,8,13,	000000 00010
	261:2,3,6	277:14	16,22 297:13,	covers 256:15
computation	268:7 281:5		14 298:3 299:4	CPA 264:4,5,
255:11	288:14	continued	301:6,9 306:6	20
concern 275:8		279:18,22	311:20 312:14,	
	constrained	282:9,17	15,23 313:8	CPE 264:22
concerned	257:13,16	283:3,6,24	314:9 315:3	create 284:2
260:20 279:22	construction	299:13 300:12	319:14	
283:6 295:24	275:2,9,11	continues		credit 271:19
302:10,18	270.2,0,11	277:4	correction	07000 050:01
317:9,25	consultant	211.4	248:25	cross 258:21
	249:12 263:24	continuing	cost 251:18,21	278:21 279:5
concerns	264:13	264:8,22	252:1 255:12	281:1,8,16,19,
268:20 281:11,	0			25 284:5
15,19,25	Consulting	contrary 252:7	258:12 262:1,	298:19
conclude	263:12	contrasted	2,5,13,15,20,	cross-
300:24	consumer	303:11	21,22 265:16	examination
	248:12,24		268:11,21	259:3 284:15
concluded	249:5,13 251:6	contribute	269:14,24	298:20 304:23,
321:23	258:2,3,5,9	257:22	270:7,10,11,	25
concludes	263:6 295:13	controls	14,18 271:9,	
267:7,16		281:11	20,24 272:1	CSR 291:4
278:19 300:25	consumers		273:4,8 278:5,	current 266:14
314:9	251:13 255:16	Cooperative	6,8,12,16,17,	282:17 284:20
014.0	257:25 258:11	257:21	18 282:1,8,15,	300:12 308:2
conference	contact	copy 259:6	19 283:14	300.12 300.2
295:13,16,17,	293:15,17,20,	294:8	294:1,4,8	customer
18 321:15	23	294.0	300:14 304:14,	270:19 271:4
confidential	23	corner 311:14	17 308:7,9,10	274:2
	contacted		317:9 320:21	
249:24 274:11	293:21	corporate	costs 270:1,20	customers
290:14,16		271:1,4,6	271:6,18,19	251:12 267:13
confirm 294:25	contemplate	272:4,11,22	273:16 274:4	272:21 273:10
	256:11	280:17,23,25	275:4 277:16	CV 264:10
confusion	contemplated	correct 248:18	280:16 289:17,	-
256:25	307:9 309:7	259:19 261:22	20,21 298:2	
conservative		262:4 284:21	317:12 318:1	D
274:8	continual	285:3,10	517.12 310.1	
	308:6,11 311:1	286:5,8,9,18	counsel 259:5	D-2 286:1
considered	continually	287:13,20,21	287:7 293:3,5	data 266:4,7,18
258:1 260:3	307:24 308:4	288:5,6,8,12,	294:9,22,23	269:4 288:7
consist 272:5	316:1	13,16,24,25		290:3 292:8
280:10		289:3,13,21	country 256:23	
200.10	continuation	290:7 291:1,2	couple 301:2	database-type
consistent	248:7 280:5	293:19 294:4	302:10	269:13
	I	I	I	l i

PROCEEDINGS DOCKET NO. 16-2302-01, VOLUME II - 01/27/2016 Index: date..document

date 248:6	decision	302:20,24	differs 251:10	discussed
294:23	253:21 260:10	303:17 305:4,	difficulties	316:23
dates 319:18,	302:19 303:21	8,13,25 306:19	248:6	discussing
21 320:15	305:8,12	307:19,21,23	240.0	314:16
321:15	decisions	309:19,20	digital 267:3,6	514.10
321.15	258:15	310:3,9 311:3	273:13	discussion
David 249:2,3,	200.10	312:11,12,19,	dinainautian	315:5,22
11	decrease	21,25 313:9,25	diminution	316:13 320:13
day 294:10	296:2	314:1,20,25	307:4 310:3,14	disk 274:23
320:17	decreased	315:7,21 316:8	direct 249:7,	292:23
320.17	296:20	derived 269:3,	17,22 250:2,8	292.23
days 319:25	290.20	20	251:4 263:8,	dismay 258:7
320:1,10,22,23	deducted	20	18,23 265:2	dianaaa
321:5	287:16	derives 250:3	266:5,18 267:7	dispose
	deemed	describes	281:13,15,17,	309:24
DCF 255:2	deemed 313:12,13,14	307:7	22,24 282:2	dispute 262:2,
DCU 255:5	313.12,13,14	307.7	301:22	6 294:20
deedline	deficient	describing	directional	302:25
deadline	268:22	311:4	254:9	
314:15 316:19		designed	204.9	disputing
320:5,16	defining	designed 282:7	directly 271:9,	297:9
deadlines	307:22	202.1	25	distribution
317:4	delayed 276:23	desires 261:10	director 270:11	282:24 283:9
		dataila 205:15	272:1	291:4
deal 277:8,17	delete 250:18,	details 295:15	212.1	
279:10 314:17 317:11	19	determination	directors	diversify 253:4
317.11	demonstrate	253:20 260:22	269:25	division
dealing 315:21	257:17	determinations	disadvantage	259:13 294:21,
debt 251:19	donortmont	255:1,20	283:1	22 296:15,21
254:13,15	department 265:16	261:11	203.1	299:2,8,13
255:10 257:20	205.10	201.11	disadvantages	302:17,25
262:1,2,22,25	department's	determine	284:2	307:13,14
278:5,7,8,13,	260:8	260:6	disbursement	313:10,15
16,17,18	depreciated	determined	282:10,17	315:18 316:4
284:25 285:1	276:19,21	252:10 274:19	283:4,24 284:1	319:12
	277:13 289:17,	296:19	300:12	division's
December	19 310:14			302:18 303:11
275:21 286:15	312:2 316:2,7	development	disbursements	
decide 313:8		304:7,14	279:18,23	docket 248:8
316:12	depreciation	differ 302:7	283:7 302:21	249:15
	276:11,13,21,	312:3,21	discuss	document
decided 295:9	23 277:1,3,8,		311:15,18	265:13 293:3
decides 303:16	10,13 286:9	difference	320:20	294:6,20
	287:12,13,14,	274:3 300:5		
	18 289:3,20			

PROCEEDINGS DOCKET NO. 16-2302-01, VOLUME II - 01/27/2016 Index: documentation..expected

documentation	easier 320:15	ends 266:1	ETV 286:18	310:5
269:5 273:21	economic	304:20 320:17	evaluate	excess 253:16
documented 268:21 documents	303:9 306:13 economy 252:20	enjoyed 283:23 enter 292:16	303:13 310:24 evaluating 262:1 302:20	excessive 274:12 283:13, 15
documents 269:13 293:7 294:14,17 dollar 285:14, 16 288:3,4,11 double 292:6 doubt 258:5	education 264:8,22 efficient 252:14 253:10, 15 elected 257:4	enter 292:16 entirety 280:10 equally 297:18 equipment 276:18 303:10 306:13 equitable	evaluation 308:24 eventually 313:14 evidence 257:16 260:23 278:25 292:16	15 exchange 254:11,16,19 282:6 283:13 302:14 exclude 286:9 excluded 289:1,2
Douglas 301:14,18	elements 272:5	282:7,18 300:13	318:25 319:3	excluding
DPU 267:15 276:15 278:2 295:8 DPU'S 276:12 drawn 252:1 draws 277:11 driver 272:13, 17 drivers 272:4 drives 273:3	elevated 277:9, 15 278:13 eliminate 268:1 288:11 eliminated 287:12 embedded 285:9 Emery 251:14 257:4 266:3,8, 17,21 293:11	equity 251:17, 19,22 252:6 253:7 254:24 255:10 257:21, 22 258:15 262:1,5,20,22 263:1 285:3 304:15,17 error 248:18 essentially 269:18 276:23	evidently 256:10 exact 306:20 EXAMINATION 249:7 260:16 263:8 299:22 301:22 313:21 examine 273:19 303:14 examined 249:6 263:7	321:6,7 Excuse 290:8 executive 269:24 270:11 271:16,20 exercise 260:5 exhibit 259:6 264:10,11 285:6,24,25 291:11,17,18, 19,22,23 292:2
drop 296:6 due 275:7	295:3 emphasis 253:5 302:9	establish 275:8 314:15 established	301:20 examples 271:15 273:9	exhibits 249:19 251:5 316:10
duly 249:5 263:6 E	employ 255:12 256:21 employed 249:12	295:25 establishing 304:13,16 estimate 304:16,17	exceeding 309:14 exceeds 309:5 Excel 266:3,10,	exist 253:13 existing 267:23 268:3 278:7 280:12
e-mail 290:16 292:16 earlier 287:20 earning 296:22	employer 249:9 263:11 302:1 end 265:25 286:15	estimated 308:20 estimations 254:25 255:5	17 268:25 269:1,6,8,13 274:14 290:24 294:8,20 exception 272:10 273:6	expect 254:4 expected 250:19 309:5, 12,14,18 310:12,25 311:12

PROCEEDINGS DOCKET NO. 16-2302-01, VOLUME II - 01/27/2016 Index: expense..great

			Index: e	expensegreat
expense	fact 255:13	field 295:9	fix 274:23	funding
269:15 276:13 277:10 280:17	257:16,17 258:2 285:1	fields 269:10 290:1	flips 270:22	254:14,15 255:2
286:8 287:13 309:19,20	297:7 306:18 311:6	figure 287:11	fluctuated 275:5	funds 251:9 254:12 277:10
313:9 315:1 expenses	factor 265:15 270:8,9,12,16	288:15,16,23 320:22	footnote 264:1, 11 265:24	282:24 283:25 305:11
271:7,10 272:6 276:1 280:24,	271:1,21 274:3,6	figures 285:16 286:5,8,12	266:13	future 250:19
25 286:7 289:5,7 307:23	factors 250:4,6	287:23 288:4	force 304:5,6 313:5	259:23 276:20 277:5 311:18
experience 258:6,8 271:2	252:19,24 265:6,13 269:3,16,20,23	file 263:17 296:10 301:13 317:4,5	form 252:1 256:2,11,13,	G
304:4 explain 287:4,7	288:21 297:23 facts 261:11	filed 249:17 250:9 292:24	19,21 257:1 261:22 278:24 292:13 294:8	gave 290:1,6 302:8
explains 281:4,	312:18 316:11	294:23 295:15 296:7	formal 248:7	general 251:10 254:17 259:10
10 explanation	fails 254:20 fairly 268:16	files 266:10	format 265:14 268:25	265:8,11,15 271:3 272:22
269:3,9,20 explicitly 254:1	fall 260:2 275:12 296:2	filing 292:25 294:5,10 295:4	formula 291:6	297:11
255:18	familiar 259:5	320:17 final 281:24	formulas 274:18 290:11	generally 304:16
exploit 253:15 expression	307:16 faster 287:2	317:4,23	forthcoming 290:3	generated 256:2
304:2 extraordinarily	favor 255:14, 15,20	finally 259:25 267:10 277:18	forward 286:14	give 273:9 291:17 315:13
311:10	FCC 281:21	finance 252:8 financial	franchise 254:18	global 253:11
extraordinary 311:14	282:1 303:14	257:17	full 256:6	golly 308:22
extreme 308:20,23,25	FCC'S 252:1 256:2 268:9,10 281:20 282:1	find 253:23,25 309:4	fully 268:21 276:19 277:12	good 248:3 284:17,18
extremely 321:19	federal 254:13 268:7,8 281:6,	fine 279:1,14 318:22 319:10, 16 321:2,10	289:16,19 310:13 312:1 316:7	301:10,24,25 302:12 305:2 316:10
F	17 303:4 feel 279:11	firm 253:18 254:9	function 252:24 308:11	governed 261:13
F3 303:20	feels 315:9	firm's 252:19	fund 248:10	grade 252:22
facing 260:24	fiber 275:7,11	firm-specific	257:25 258:12 306:1	granted 254:18
		253:1,5,9		great 262:23

PROCEEDINGS DOCKET NO. 16-2302-01, VOLUME II - 01/27/2016 Index: greatly..information

		-	Index: greatly	<pre>vinformation</pre>
317:10	hard-coded	278:20 298:7,	implication	income 286:9
greatly 304:15	274:16 290:6 291:5,7	22 299:20 302:12 313:19	253:14	inconsistent
gross 297:17, 21,25 310:1	hard-wired 274:16	321:10 hours 264:7,	imposing 283:1	252:12 253:10
group 303:3 306:22 307:3 309:10,13 310:5,7,8,12, 16,19,20 311:1 312:3,6,8,12 315:25	HARVEY 320:5,9 heard 285:22, 25 hearing 248:7, 8 278:23	22,23 Human 265:10 hundreds 256:22 269:10 290:1 hypothetical	impression 302:22 improper 252:6 improperly 254:10 improved	248:9 incorrect 248:22 274:20 increase 248:10 275:6 280:11 304:15 315:19
groups 316:5 growing 257:22	320:17 321:18 held 286:17 295:13	251:20 255:19 277:22 308:19, 25 309:4 311:5,9,13,18,	316:1 imputed 284:25	increased 251:8 273:5 277:6 278:8,
grown 257:20 guess 292:11, 15 296:23 305:21 310:10 318:8	Hellewell 303:13 helpful 316:17 321:20	21,22,24 hypothetically 308:13 hypotheticals	inadvertently 300:10 inappropriately 253:6	10,14 279:18, 22 282:16 283:3,7 300:11 increasing 282:10
guessing 298:11 guidance	Hey 296:21 high 252:22 253:6 275:13 296:1 314:25	311:15 	include 275:1 278:12 287:1,5 289:6 303:8	incumbent 254:11,15,18 261:8 302:14
303:22	315:1,16	idea 318:10 320:11	included 259:12,14	incurring 277:15
guiding 304:13 Gunnison 277:25 278:2	higher 254:5 257:14 314:25 highest 275:10	identified 291:12 ignore 278:18	268:8,23 269:11 271:19 272:7,8 281:9 289:12 297:16,	independent 249:11 263:24 264:13
н	historical 275:15	ignores 254:10	21 298:2 300:10	indication 275:23 295:8
half 297:18 309:11 halfway 259:10	hodgepodge 271:7 holding 264:5,	imagine 293:14 imbalance	includes 256:22 267:4 271:1 273:11	individual 252:11,16 255:16,20 261:12
hand 289:25 315:5 happen 314:15 happy 311:15,	19 holiday 321:4 holidays 321:6,7	258:1 imbalanced 255:15 257:24 impact 260:20 281:7	including 256:8 257:3 272:20 280:17 321:6 inclusion	inflation 252:20 information 266:9,11,12
18 317:14	Honor 248:15		254:7	268:23 273:20

PROCEEDINGS DOCKET NO. 16-2302-01, VOLUME II - 01/27/2016 Index: informs..layered

274:21,22,23,	283:11	issues 251:15	307:12 313:20	jurisdiction
24 290:2	interstate	277:8,16 279:5	314:5,7,11	255:25 256:6,7
293:11 302:16		299:25 314:18	316:21 317:3,	257:8 262:16
	251:25 255:25	319:11,12	8,15,18,21,23	hand a dia dia mat
informs 303:7,	256:5,6,7,15,		318:4,7,10,17,	jurisdictional
20	22 257:7,11	J	23 319:2,5,7,	254:4
initial 318:12	261:21,24	J	14,17,21,24	jurisdictions
	262:24 267:9		320:3,7,10,19	261:24 262:13
initially 248:17	intervenor	January 248:1,	321:4,12	
299:10	301:8,19	4		justified
input 270:8	001.0,10	Jetter 258:25	judge 248:3,	257:15
271:5,12,21	intrastate	259:1,4 260:18	16,19 249:1	Justin 298:19
297:13 320:4	255:25 261:25	261:18 298:19,	250:10,14,17,	JUSIII 290.19
297.15 520.4	262:10,20	21 300:21,22	21 258:22,25	
inputs 271:1	267:10 304:14	304:24 305:1	260:14 261:17,	K
272:3,11,20,25	introduce	307:15 313:17	19,25 262:5,9,	
	introduce		14,17,19,23	Kansas 263:13
insert 267:3	279:7,8	314:6 316:20, 22 317:14,16,	263:2 265:1,4	264:4,6,15
inserted 264:3	investing		270:4 279:1,10	
267:1 292:1	253:4	19 318:20	284:6,10,13	keeping 314:8
		319:9,19,23	285:24 286:3	kind 271:6
inspect 295:3	investment	320:2 321:3,9	287:6 298:8,	292:1 298:22
instance 249:4	253:14 258:8	Johansen	11,14,18	318:1
263:5 301:19	investments	271:16,24	299:21 300:18,	
203.3 301.19	258:6		21,23 301:2,9,	Kira 317:24
instances	200.0	Johansen's	12,15 304:24	knowledge
253:23,25	investor 253:2	271:17	307:5,12	260:6
intended	investor-	John 320:4	313:20 314:5,	200.0
intended			7,11 316:21	
289:10	required 252:23	JONSSON	317:3,8,15,18,	L
intending	202.20	248:3,16,19	21,23 318:4,7,	
293:12,14	investors	249:1 250:10,	10,17,23	language
	252:13 253:1	14,17,21	319:2,5,7,14,	266:2,15 280:1
interactions		258:22,25	17,21,24	282:11 283:5,
259:13 311:19	investors'	260:14 261:17,	320:3,7,10,19	10
interest 252:21	251:16	19,25 262:5,9,	321:4,12	large 309:13
277:19,20	involved	14,17,19,23		1019E 308.13
278:15 304:12,	297:5,8	263:2 265:1,4	judges 304:20	larger 276:18
13	,	270:4 279:1,10	judging 303:20	lannaat 000.40
	involves	284:6,10,13	304:3	largest 268:12
interested	249:24	285:24 286:3	007.0	Lastly 257:23
304:2 313:4	IP 267:2,6	287:6 298:8,	judgment	
interests 304:8		11,14,18	260:6 305:17	law 268:7
	issue 303:15	299:21 300:18,	307:10	281:6
Internet 267:14	321:13,15	21,23 301:2,9,	iuma 004:00	layered 252:10
273:13 280:19		12,15 304:24	jump 284:23	
	I	1		

PROCEEDINGS DOCKET NO. 16-2302-01, VOLUME II - 01/27/2016 Index: left..model

left 269:18	loan 270:18	314:22 316:6	materials	307:2,3,6,8
300:4			275:2,9	310:17,18
	local 254:11,	maintained	295:22,25	312:11,12
letter 259:6,9,	16,18 261:4	264:13	296:1,6,11,20	
15	273:12,22,24,	maintains	314:21 315:1,7	methodologies
level 275:9,10,	25 282:5	299:8		255:3
15 280:6	283:13 302:14		matter 248:8	methodology
282:13 283:25	logic 275:3	make 248:24	249:13 288:18	255:7 276:16
284:1 296:2		260:10,22	321:23	299:17
314:25	long 254:22	261:11,20	means 282:5	moth o do
	320:12	264:18 276:25	309:18	methods
leveled 296:20	long-standing	277:4 285:21	manaurad	287:18 304:17
levels 275:12,	252:8 254:17	291:13 292:19	measured	306:5 312:18,
13,16 277:9,15	255:7	293:4 300:5	252:17	25 313:24
282:17 296:5		308:24 309:1,	member	Michele 279:9
300:12	long-term	2,9 312:10 316:20,25	257:21,22	middle 291:10
	254:13,14 257:19 261:7	316:20,25	258:4 303:1	
leverage	257:19 261:7	317.14 310.17	307:20	migration
253:19	looked 291:1	makes 257:12	man harla	267:12 299:3,
life 303:6,9	308:23 309:10		member's	9,14
306:13,17	Laga 075-00	making 253:20	303:17	
308:15,17,20	lose 275:20	264:17 265:12 266:6 303:22	members	million 267:24
309:5,12,15,	loss 275:19	304:9,12	251:14 257:21	280:9
18,25 310:2,	1-1-000-10	504.9,12	302:14,15,23	mind 317:13
13,19,21,25	lot 269:19	managing	303:3 305:3,22	
311:12 312:8	275:25 293:7	257:11	306:4 307:17,	mine 276:16
limit 314:16	318:25	manner 271:23	21,22 308:10	minimize 253:2
316:23,25	loud 318:1	276:7 309:16	310:23 311:7,	
318:9	Law 050.00	270.7 309.10	8,16,19 312:22	minute 291:17
510.9	low 252:22	manual 268:22	313:24	minutes 284:8,
limited 318:2		294:1,4,9	men 312:6	11 318:3,6
lines 061.00	M	March 294:23		
lines 261:23 265:22 275:20		Warch 294.23	mentioned	miscellaneous
203.22 275.20	machine	marked	299:1 301:5	271:18
list 316:10	316:1,7,15,16	291:14,17	307:13 314:12	missed 321:18
listed 273:25	macroeconomi	market 253:10	Meredith	mistales 000.04
	c 252:19	Indikel 200.10	301:14,15,18,	mistake 299:24
285:12 286:4, 7,11 287:22	U 202.13	marketing	24 304:22	300:2
288:3,11	made 249:23	270:1,7,15	305:2	misunderstand
200.0,11	252:3 264:9	273:8 274:7		ing 264:19
literally 269:10	267:3 268:14	markets	method	mitigate 000-0
lives 303:9,14	270:3 275:17,	253:12,15	302:20,24	mitigate 280:3 281:7 283:23
308:2,3	21 276:2 298:8	200.12,10	303:3,12,14,17	201.1 203:23
000.2,0	306:14 308:6	match 308:3	305:9,13,15,25	model 252:18
	309:16 313:13	311:4	306:22,23	
1				

PROCEEDINGS DOCKET NO. 16-2302-01, VOLUME II - 01/27/2016 Index: modern..originally

modern 252:7,	multiplied	nonworking	OCS 255:12,21	opening
12,25 254:23	288:16	293:18	256:14 259:6	259:17 299:1
modifications		normalized	264:10 266:1,	operating
303:5	N	315:7,19	7,15 268:1	283:2 286:7
505.5		515.7,19	269:4,18	289:5,6 302:15
money 251:13	narrative	not-so-far	278:21 279:7,	209.3,0 302.13
255:17 257:25	269:19	276:20	22 280:2,7,10,	operation
monopoly		notify 293:3	22 282:13,16	253:11 270:2
254:18	nature 316:5		283:6,22,25	280:18 282:22
204.10	NECA 256:3	notion 261:7	285:5,25	operational
monthly	257:1,10	number	300:11	302:16
288:12,23	261:22	268:20,22	OCS'S 258:10	502.10
months 264:21		270:9 271:21,	268:3	operations
	NECA'S 257:2,	25 272:6,21		268:15,16
monumental	4	273:2 274:11	odd 311:10	270:21 273:4,9
303:22	necessarily	285:24 286:16	offer 257:6	274:5 279:19,
Moore 248:13,	274:19 319:3	288:8 289:3		24,25 280:4,5,
15,17,20	mandad 202.5	291:5 297:5	offering 257:8	25 281:1,2,3
249:2,8 250:22	needed 303:5	306:20 312:13	offers 273:10	283:12,13,15,
258:20 260:15,	314:23 315:15		office 040.40	18,19,21 303:23 308:1
17 261:15	negative 281:7	numbers	office 248:12,	303.23 306.1
263:3,9 267:17	net 272:6	249:24 285:14, 15 288:4	23,24 249:2,4, 12 251:6	opinion 268:14
278:20 279:2,	286:11,12,16	15 200.4	263:3,5 279:9	274:3
16 284:4 298:7	287:10,11,17	numerous	294:21,22,23	opportunity
299:19,23	289:3,6 297:22	269:23	295:13,14	248:12 318:14,
300:16,25			301:1 307:9	15
313:19 317:6,	neutral 282:24	0	315:18 316:4	
20,22 319:15	283:9		319:13	opposed
321:10	night 301:3	oath 301:16		276:15 277:5,
morning 248:3,		abia at 070.0	officer 269:25	20 299:14
5 284:17,18	nondiscriminat	object 279:6	270:11 271:16,	opposite
301:24,25	ory 282:23	objection	20	257:18
302:12 305:3	283:8	272:15	official 300:3	opted 270:25
motion 305:16	nonreg 270:2,	observations	offsetting	Opteu 270.25
	21	252:4	254:10	oral 318:2
Mount 306:24	nonregulated			order 277:24
mouth 248:21	267:5,6 268:16	observes	ongoing 261:3	301:8 305:16
	270:13,17,24	304:12	open 274:15,	316:12 320:6
move 250:12	273:12 279:19,	occur 276:1	17 290:10,19,	321:13
303:16	23 280:3,18,20	277:7	20,21,22,24	
multiple 256:7	281:1,2		292:3	original 294:5
272:25	283:11,14	occurs 277:6		297:19 299:5
	287:19	279:8	opened 290:25	originally

PROCEEDINGS DOCKET NO. 16-2302-01, VOLUME II - 01/27/2016 Index: Ostrander..presented

		-	Index. Ostrand	lerpresented
254:18 267:14 294:6	249:23	270:1,2,12,13, 16,20,21,23,24	298:1 303:10 306:13 308:1,2	potentially 260:1
Ostrander 263:3,4,12 278:21 279:4,	parameters 259:10 Part 268:9,10, 21 281:20	273:7 274:4,6, 7 275:1,4,14 284:25 286:17 297:19	play 267:1,4 273:10,23 274:1	practice 252:8 255:8 264:6, 14,20
6,13,16 281:13 284:4,17	282:1 303:4	perfectly 311:23	pleasure 248:18	practiced 264:4
outcome 261:13	participant 304:6	period 263:25	point 248:11 274:21 301:7	practices 254:22 268:8
outset 284:19	participate 295:12,16	275:21 296:9, 10 320:3	315:4,9,20	281:6 307:17 312:23
over-recover 296:3	parties 301:5 304:2,10,11	permanently 277:3	points 302:10 policies 279:6,	pre 263:17
over- recovering	313:4 314:14, 17,21 317:1	permit 264:6, 14,20	8 policy 261:3,7	pre-filed 251:6
315:4 overhead	318:13,14 320:20	pertain 254:11	279:2,5 303:25 304:10	271:11 278:3
268:13,19 271:4,6 272:4,	party 316:18 party's 317:5	phone 271:18 282:5	pool 256:3 257:3 270:14,	precision 304:16
11,17,22 280:17,24,25	past 272:25	piece 249:22 316:6	18 271:20	prefer 301:5 preference
overheads 266:9	303:21,22 pay 255:17	pivot 274:14,	pooling 257:10 pools 257:5	301:6
owned 254:15	257:25 258:3 305:20	15 290:6,21,22 291:9 292:1,7, 8,9,18,19	265:16 269:14, 24 270:4,7,10,	premia 252:10 253:6,10,13,18 254:6,9
owners 258:4	payers 305:19	293:14,15,18, 25	11 portfolio	premium 254:7
P	payroll 272:6, 20 274:6 287:22,23	place 264:3	252:7,13,14,25 254:23	prepared 251:1 267:18,21
p.m. 321:24 package 274:1	289:6,11,12 297:17	placement 275:7,11	portion 251:17, 21,25 255:11	preparing 293:1
pages 268:24, 25 269:1	PDF 268:24 294:3	plainly 307:5 plan 275:1,9,11	256:5 position 299:6	prescribed 303:4 314:1
285:20 317:17, 20 318:21	pending	277:4 284:11	315:24	prescribes
319:1 paid 257:19	264:21 percent 250:8,	plant 272:6 286:11,12,16 287:10,11,17	possibility 314:22	310:18 present 248:13
paper 266:5,19	9 251:22 254:24 255:10	289:3,16,19 295:4 297:17,	possibly 276:1 post-hearing	312:18 presented
parallels	256:16 258:4 262:7,19	21,22,23,25	314:13	249:15 250:23
	I	ļ		

PROCEEDINGS DOCKET NO. 16-2302-01, VOLUME II - 01/27/2016 Index: presently..reason

			Index: pres	sentlyreason
251:15 260:23	process	proposes	320:15	rate 250:3
278:25 279:3	292:25 303:11	268:1,6		251:7,10,14,25
299:25 302:24	304:1,10,12,15		push 320:25	252:2,5,10
		proposing	put 250:6	253:7,19,20
presently	profitably	274:25 276:10	260:4 262:3	254:17,20,25
264:5	253:15	procestive	292:21 308:14	255:24 256:2,
	un de stad	prospective		12,13,15,16,
presents 252:5	projected	303:18	320:22,23	
presorted	309:8	protracted	321:15	18,19,21
269:14	projection	317:10	puts 250:5	257:14,23
	275:18,23		Pare 20010	258:10,14,17
pretty 316:10		provide 254:20		261:21 262:10
prevent 281:1	projections	265:23 266:8	Q	275:2 278:9,13
	275:24	269:6 277:23		285:2 302:21
previously	nrojootor	293:12,14	question	305:19 314:23
264:4 301:20	projector	297:8 302:16	251:18,24	315:2,10 320:8
302:8	284:8	304:2	260:19 262:17	rates 252:21
	projects		279:17 282:4,	
pricing 252:18	275:19	provided	21 286:24	254:5,17
principles		266:4,18	293:24 298:14	260:21,25
252:7 253:11	promote 282:7	268:20 269:8	299:7,19 300:3	261:3 314:1
259:22 304:14	283:7	271:11 273:20	307:16 310:11	rationale 274:5
209.22 004.14	promoted	274:14 280:19	313:23 315:12	
printed 291:18	273:24	294:6		rationalize
	213.24	provider 283:2	questions	273:15
prior 278:23	proper 256:14		250:23 258:23	reaction 258:1
295:4 299:7	· · ·	providing	259:1 260:11	
problem 277:7	properly	282:25	261:16 267:18	read 251:3
298:4	258:11 281:12		278:23 279:4,	259:8 260:18
	proposal 304:7	provoking	14 287:3	266:23 300:9
problems	310:18 318:18	320:18	298:17,23	
269:22 275:24		prudence	300:17 305:2	reading 259:14
procedure	proposals	303:21	313:18,19	263:23
313:5	302:21			reads 259:10
	proposo	prudent 313:14	quick 260:15	282:4,21 300:6
procedures	propose	public 250:1	quickly 279:5	
268:11 308:9	268:12 277:18	264:14 269:25		ready 248:14
	316:19		quote 256:1	250:11 321:17
proceeding	proposed	270:6,14	303:8	
248:11 271:14	252:5 259:12	273:8,16		realize 308:16, 21
302:21,23	267:15 275:18	296:8,12,21	R	21
306:16 311:22	280:2,8,11,22	304:11,13		reallocate
313:11	281:5,11	313:25	raise 254:17	286:17
proceedings	283:22 299:10	punch 292:2	10130 204.11	
253:20 260:23	302:19 303:12	•	range 260:2	reason 264:17
321:23	304:10 307:8	purposes		265:20 266:6
021.20		273:14 310:8	ratcheted	270:25 273:1
			274:7	

PROCEEDINGS DOCKET NO. 16-2302-01, VOLUME II - 01/27/2016 Index: reasonable..representing

				cpreseneing
reasonable	283:25 284:2	314:5,6	regulators	remains
256:20 259:25	319:15	redirect	254:13	276:21
260:3,21	recommendati	260:14,16	regulatory	remove 268:2
275:15 276:7,	on 255:6	287:8 298:18	249:12 252:8	275:17 276:9
8,13 277:21	258:10 262:6	299:22 313:20,	253:22,24	213.11 210.9
308:24,25	268:4 304:3	299.22 313.20, 21,23	254:22 255:8	removed
309:9 311:23	200.4 304.3	21,23	263:24 264:13	275:14
321:9	recommendati	reduce 280:8	268:7 271:12,	romoving
reasonablenes	ons 252:4	roduced	14 281:6	removing
s 273:17	253:25 255:5	reduced 282:13 284:1	14 201.0	275:3 280:10, 12
5 213.11	257:24 304:20	202.13 204.1	rejected 253:8	12
rebuttal 249:17	recommended	refer 249:25	254:1 255:19	renewed
250:12 251:4	recommended 254:24 256:17	258:5	259:18,22,23	264:6,21
274:13 297:15			relate 266:8	
320:1	258:14,17	reference	relate 200.0	repaired 316:1
recalculation	260:7,8	307:12 314:22	related 249:19	repeat 261:5
310:22	recommending	refers 256:18	251:5 264:1,11	319:3
310.22	261:21 297:22	(I (007 0	266:3,9,17	· · ·
recall 292:15		reflect 267:3	267:12 268:13	replacement
311:21	recommends	275:14 303:9	271:9,25	292:23
	255:9,12,21	304:4 305:15	276:18 281:11,	reply 279:4
recalled 301:19	282:14 303:2, 25	306:13	16,19,25	317:5,16,22,23
301.19	20	reflected	282:15	318:6,13,21
receive 277:9,	record 248:3,	296:7,12	relates 266:7	320:24 321:7
14 278:13	18,25 251:3	1 070 0	Teldles 200.7	1 050 0
292:12 294:14	263:10 284:14	regard 272:2	relations	report 252:2
313:7,15	300:3 302:2	278:22 295:22	269:25 270:6,	256:2,4,11
received	316:9 320:13	297:11	14 273:8,16	257:2 296:7,13
	recording	regular 302:17	rolotionahin	REPORTER
290:13,14,16	recording 277:3		relationship 272:2	291:15
291:22,23,25 292:23 293:8,	211.3	regulated	212.2	1 000 40
· ·	records 270:9	267:4 268:15	relevant	reports 296:16,
19,25 294:3	271:5,13,22,25	270:2,13,16,	260:24 261:23	17
recent 255:1	272:7,8,21	21,23 273:4,8,		representation
258:15 272:12	273:2 288:2,8,	11 274:4	rely 255:4	307:11
275:5	10,12,17 295:4	279:25 280:4,	relying 288:21	
	297:12,17,20	17,21,25 281:2		representative
recess 284:12	075.40	283:12,14,19	remain 301:15	288:20
recognize	recover 275:12	287:19 302:15	remainder	representative
278:15,16	280:14	regulation	263:25	s 270:19 274:2
	recovery	271:3		
recognizing	276:23 282:8,		remaining	represented
253:9,17 254:8	15,19 300:14	regulations	266:2 270:14,	292:18 293:4
recommend		303:5	18 309:13	representing
258:16 280:6	recross 261:17			248:23 292:9
	1	I	I	1

PROCEEDINGS DOCKET NO. 16-2302-01, VOLUME II - 01/27/2016 Index: request..services

302:3,4	results 253:6	risk 252:6,11,	306:21 312:1	259:9 260:18,
	257:17 280:13	14,15,17,24,25		19 261:9
request 258:7		253:5,9	schedule	264:1,11
266:4,7,8,18	retail 280:19		285:6,8,13	265:18,21,25
269:4 284:21	return 250:3,7	risks 252:16	286:1 291:25	266:1 300:9
314:17 316:20	251:7,14,17,25	253:2,3,18	305:7 308:8	20011 00010
requested	252:2,5,11,23	254:9	311:3 321:14	sentences
253:7 255:15	252:2,3,11,23	road 314:23	scheduling	300:8
203.7 200.10			320:14 321:13	concrete
requesting	254:6,21,24,25	315:8,16,17,20	320.14 321.13	separate
268:2	255:24 256:2,	role 257:1	screen 291:19	256:19
	4,12,13,15,16,			separations
required	17,18,20,21	Roman 303:20	search 253:23	250:4,6
251:16 260:22	257:14,23	round 317:11	seat 294:2	,
264:7 293:10	258:4,10,14,			series 298:23
requirement	15,17 261:21	rule 253:3	section 268:8	serve 279:19
251:11 269:17	262:24,25	255:23 256:1,	281:12,16,21	304:13
231.11 209.17	278:9,13,14	10,12,14,18	282:2,4,6,21	504.15
requires	285:2,3	257:1 259:11,		serves 304:11
255:23 256:14	returns 253:16	12,18,22	sectors 254:5	
o (o =		260:20 261:14	seek 254:5	service 248:10,
reserve 318:5	258:6	304:9,12		24 251:9 255:1
residual	revenue		seeking 254:6	258:13 267:5,6
280:13	251:11 286:5	rule-making	267:25	270:19 273:11,
		304:1 313:5	seeks 251:11,	12,22,23,24,25
resolve 302:25	revenues	rules 268:10	13 267:22	274:2 280:19
Resources	265:20 272:5,	281:21 282:1	15 207.22	282:5,16,20
265:10	11,13,15,16,25	201.21 202.1	select 292:3	296:8,12
205.10	275:25 283:19	runs 250:7	297:25	300:15 303:6,
respect 299:6	285:12,22	1 050 00		19 305:11,19,
•	286:4	rural 256:22	selected	20 306:1,16
respond	novilovu 000.47	257:2 260:1	297:23,25	308:2,3,15,17,
279:13 317:1	review 296:17	302:4,12	selects 256:4	20,21 309:12,
318:15	307:23	305:20	3010013 200.4	14,18 310:2,
responded	reviewed	RUS 254:14	semantics	12,19,21,25
300:4	249:14 263:14		310:10	312:8 314:1
300.4	308:1,2		a a m all m an . 070.0	
response	313:10,11	S	sending 279:6	services
292:22 316:24,			sense 273:17	248:12,23
25	reviews 296:15	sake 284:24	278:16	249:5,13 251:6
				256:8,9,16,22
responses	revise 280:23	salaries 271:17	sensitive	257:7,9 258:9
266:4,18	revised 263:22	satisfied	257:5,9	263:6 267:5
rests 301:1	265:1 284:20	279:17 282:9,	sensitivity	273:12,17
		13 283:3,25	252:19	280:18,21
result 297:18	revision	10 200.0,20	202.19	282:8 295:13
Louis Touris			i la	
306:20 312:13	275:22	scenario	sentence	

PROCEEDINGS DOCKET NO. 16-2302-01, VOLUME II - 01/27/2016 Index: services.'..substantially

		filden		substantially
services.'	skewing 316:8	314:17	stated 302:1	304:5
282:6	skip 302:2	spends 271:24	statement	structures
set 248:7 284:8	slash 270:6	spoke 301:2	259:17 279:13	260:2
314:24 315:6 318:8 319:21	Slawson	spread 252:21	299:1	studies 308:7
320:15	258:22,23	-	states 282:5,7,	study 307:19,
setting 260:20	284:6,7,14,16	spreadsheet 274:14 290:24	22	21
261:3,7	286:1,4 287:10	291:10 292:10,	statewide	subject 251:7
shared 286:17	291:13,16 298:16 300:18,	13 294:8,21	257:24	305:12
	20 301:5,7,11,	spreadsheets	statutory 280:1	submit 278:20
shift 280:24	13,23 304:22	266:4,17	282:11 283:5, 10	submitted
short 298:23	313:20,22	269:2,7,9,11,	-	264:7,23
shorter 316:25	314:4,10 317:24,25	12	stipulation 278:1,3	268:23
show 269:14	318:5,8,11,19,	square 291:10		subscriber
271:12 285:2	21,24 319:4,6,	staff 320:4	stock 252:24	276:18
showed 269:2	11,16 320:8, 11,14 321:2,	stand 301:14	stocks 252:25	subsequently
300:3	11,14 321.2,	stand-alone	stop 277:13	269:4 274:22
shown 250:8	slightly 250:4	273:22	stopped 277:3	subsidization
sign 288:11		standard	stopping 277:1	280:3 281:8,
	small 254:7 256:5 299:13	255:2,6		11,16,20,25
significant 268:16 275:6		standing	straight 305:4 306:19,23	subsidizations
	smaller 299:10	254:22	307:2,8 312:14	281:2
significantly 275:5	solution	standpoint	straight-line	subsidize
similar 276:11	311:14	273:18	303:12	279:19 283:17, 20
	solutions	start 263:22	strange 308:19	
simplicity 273:14	272:14			subsidized 254:13,14
	sort 315:13,25	starts 265:18, 19	strategies 253:15	279:24 280:20
simply 279:3	sought 257:14	state 249:9	stricken 264:2,	283:12
Sinai 306:24	speak 308:7	251:17,21	12,16 265:7,	subsidizing
single 270:8	special 256:8	252:20 253:20,	10,19	268:15
271:5,8,12,21	257:5,6,9	22,24 254:1,	strike 267:2	subsidy
272:13 273:1,3 276:4 297:12	specific 252:15	12,22 255:1,11 262:16 263:10	striking 265:21	254:12
303:12 305:4	253:18 254:9	264:15 265:22,	_	substantial
306:19 312:14	256:13 257:15	23 268:7	structure 251:20 252:21	254:10
316:16	273:21 277:24	278:21 281:5	255:10,13,14,	substantially
situation 309:5	specifically	283:2 285:2,3	15,19 260:7	257:20 299:9
	254:6 273:24		261:8 277:22	

PROCEEDINGS DOCKET NO. 16-2302-01, VOLUME II - 01/27/2016 Index: substantive..transcript's

				±
substantive	surrebuttal	talks 306:15	263:7 284:24	Thirty 319:7
281:1	249:17 250:18	tariffs 257:11	287:11,20	thought 317:24
suddenly	251:5 263:18		289:2 290:2	318:6
308:21	267:8 289:24	task 304:5,6	294:3 301:21	510.0
300.21		313:5	310:13 313:24	thousands
sufficiently	surrounding		to at!fue 005.04	269:10 290:1
280:3 283:23	256:25	taxes 286:10	testify 305:24	
	SW 263:12	technical	306:4	time 248:7
suggested		248:5	testifying	257:20 260:25
258:3	switched 256:9		291:23	264:20 269:2
suggesting	sworn 249:5	technically		271:24 274:21
292:12	263:6 301:20	310:6	testimonies	302:23 307:25
-		technologically	251:5 252:3	317:11 319:19
suggestion	synchronizatio	282:23 283:8	256:17	timely 309:16
317:15	n 277:19,21,25	202.23 203.0	testimony	
summary	synchronizatio	Telcom 251:14	249:15,18,20,	Title 260:21
251:1 258:18	ns 278:15	Telecom 248:9	22 250:2,24	today 248:4
267:21 278:19	115 2/0.10		251:1 254:23	289:25 293:17
	synchronize	268:9 279:20	263:15,18,21,	314:9 315:6
289:25 290:25	276:3	281:17 302:5,	23 266:5,18	
302:6,7 304:21		13	,	320:22
305:17 313:2	systematic	telecommunica	267:11,19,21 268:6 279:8	toes 314:8
supplies	252:14,17,25	tion 283:2		
275:2,10			281:4,10,13,	top 252:10
295:22,25	Т	telecommunica	15,17,19,22,24	Topeka 263:13
296:1,6,11,20		tions 271:3	282:3 285:5,10	-
314:21 315:1,8	table 250:3,4	telecoms	289:24 291:22	total 262:11
	265:5 274:15,	297:7	292:22,25	265:19 267:24
support 248:10	16 285:9	207.1	293:1,13,16,21	280:8 318:8
305:11,20	290:6,21,22	telephone	295:5,15	touch 290:3
317:6	291:9 292:1,7,	256:23 257:2	297:15 299:24	
supported	8,9,18,19	258:13 260:1	302:7 305:10,	traffic 257:4,9
268:21	293:14,15,18,	261:4,8 275:1,	18 314:9	traffic-
	25	9 277:25	theory 252:7,	sensitive 257:7
supporting		282:8,15,20	13 253:1	30113111VE 201.1
269:5,21	tablets 306:24	300:15 305:19,	254:23	Trail 263:13
supportive	takes 284:8	20	(h ha a 005 00	transaction
299:14		temporarily	thing 265:22	268:10 281:21
	talk 285:13	277:1	276:25	200.10 201.21
supposed	289:23 308:12	211.1	things 292:3	transcript
293:6,7	313:4	term 252:20	314:21 315:8	319:20,22,25
surprise	talked 271:15	tost 060.17	320:20	321:13
290:15,17	289:25	test 263:17 275:20		transariatia
290.15,17		213.20	thinking 317:3	transcript's
234.1,19 291.0	talking 292:24	testified	318:1,11	320:12
	310:10 314:19	248:22 249:6		

PROCEEDINGS DOCKET NO. 16-2302-01, VOLUME II - 01/27/2016 Index: transcripts..wondering

			lex. transcrip	
transcripts	underlie	unsystematic	268:1,3,5	
320:16 321:1	253:11	252:15 253:2	273:5 275:13	W
4			277:6,10,15	
transfer 251:13	underlying	unusually	278:10,14	wanted 284:19
travel 271:17,	269:1 288:7	275:13	279:18,23	303:24
18	292:8	updated	280:5,8,11,12,	
	undermine	274:23	15 282:7,10,	warm 284:8
trial 286:13	283:16	-	13,22 283:4,7,	warrant 280:5
triple 266:25		urge 304:19	9,16,18,25	283:24
267:4 273:9,23	understand	urges 304:3	284:1,21	
274:1	261:20		295:24 296:3	ways 268:22
	understanding	URTA 301:8,	313:7 314:24	Wednesday
true 311:24	259:21 278:22	13,20 302:4,	315:6,10	248:4
315:17	299:2,8	10,13,15,18,23		
true-up 275:22		303:1,2,17,25	v	week 321:8
315:15	understood	304:3,12,21	V	weekends
	278:24	305:3 306:4	veriebility	321:6
turn 285:5	uniform 303:25	307:17,20,21,	variability	
turned 291:16		22 308:10	259:11	weeks 320:25
	uniformity	310:23 311:7,	varied 269:23	321:5
TV 267:2,3,6,	313:3	8,16,19 312:22	271:6	weighted
13 273:13	unilaterally	313:24		250:3,7
Twenty-five	321:14	URTA'S 302:6	vary 305:12,20	251:17,21,25
319:7	021.14	305:22	varying 312:23	255:11,24
313.1	uninterrupted			262:13 297:17
type 254:1	264:14	USF 302:20	vast 271:2	
273:19 308:24	unique 305:6	Utah 248:10	version 290:13	whims 305:21
types 271:10	-	251:8,13	291:8 294:15,	withdraw
312:23	unit 273:1	257:24 258:2	21	257:4 276:9
312.23	310:12,15,20	268:9,17		
	312:3,5	271:11 277:24	versus 251:19	withdrawing
U	units 310:7	279:17 281:12	316:15	267:12
	311:1	282:4,6,21	view 258:6	withdrawn
Uh-huh 259:20	311.1	302:4,12,15,20	315:24 316:4,	267:15,16
260:13 262:18	universal	303:7,19	12	299:3,5
299:21 300:7	248:10 251:8	305:14,20		233.3,3
301:12	255:1 305:11	306:15	viewed 315:23	witnessed
ultimately	306:1		violation	304:6
ultimately 303:16,24	unquoto	utilities 254:5	268:17 279:25	witnesses
303.10,24	unquote 303:10	296:21	283:10	278:25
uncertain	303.10	utility 260:1		210.20
299:15	unreasonable		visit 295:3	wondered
undor	309:2	UUSF 255:17		295:19
under-		257:25 258:12,		wondoring
recovering	unrelated	13 267:23,24		wondering
315:9	310:4			320:14

		1110.011	
Woolsey 298:8	yields 252:22		
Woolsey's 297:15 299:12, 17			
word 266:20, 25 267:2,9 285:22 300:4, 10 318:16			
words 248:21 250:19 265:25 266:25			
work 266:5,19 292:19 293:15 295:9			
working 290:9 294:15			
works 320:2			
worlds 278:12			
worth 314:16			
worthwhile 316:24			
written 250:23 263:15,17,18 269:9			
Y			
year 272:19 275:18 308:15 311:3,12 312:2,13			
years 275:5,20 276:2,5,6,22, 24 308:17,18 311:3 315:3			
yesterday 248:21 249:24 250:6			