		Page 223
1	STATE OF MISSOURI	
2	PUBLIC SERVICE COMMISSION	
3		
4		
5	TRANSCRIPT OF PROCEEDINGS	
6	Evidentiary Hearing	
7	August 20, 2014	
8	Jefferson City, Missouri	
	Volume XII	
9		
10	In the Matter of Summit )	
	Natural Gas of Missouri )	
11	Inc.'s Filing of Revised )	
	Tariffs to Increase its ) Case No. GR-2014-0086	
12	Annual Revenues for )	
	Natural Gas Service )	
13		
14		
15		
	DANIEL R.E. JORDAN, Presiding,	
16	SENIOR REGULATORY LAW JUDGE.	
	ROBERT S. KENNEY, Chairman	
17	STEPHEN M. STOLL,	
	WILLIAM KENNEY,	
18	DANIEL Y. HALL,	
	COMMISSIONERS.	
19		
20		
21	REPORTED BY:	
22	KELLENE K. FEDDERSEN, CSR, RPR, CCR NO. 838	
	MIDWEST LITIGATION SERVICES	
23		
24		
25		

		Page 224
1	APPEARANCES:	
2	PAUL A. BOUDREAU, Attorney at Law	
۷	DEAN L. COOPER, Attorney at Law	
3		
3	DIANA C. CARTER, Attorney at Law	
4	Brydon, Swearengen & England, P.C.	
4	312 East Capitol	
_	P.O. Box 456	
5	Jefferson City, MO 65102-0456	
_	(573)635-7166	
6	paulb@brydonlaw.com	
_	Dcooper@brydonlaw.com	
7		
_	FOR: Summit Natural Gas of Missouri.	
8		
	TERRY M. JARRETT, Attorney at Law	
9	Healy & Healy	
	514 East High Street, Suite 22	
10	Jefferson City, MO 65101	
	(573) 415-8379	
11	Terry@healylawoffices.com	
12	FOR: Missouri Propane Gas	
	Association.	
13		
	RICHARD S. BROWNLEE, Attorney at Law	
14	RSBIII, LLC	
	The Gallery Level	
15	121 Madison	
	Jefferson City, MO 65101	
16	(573)616-1911	
	rbrownlee@rsblobby.com	
17		
	FOR: Missouri School Boards	
18	Association.	
19	JEREMY D. KNEE, Associate General Counsel	
	Department of Economic Development	
20	Harry S Truman State Office Building	
	301 West High Street	
21	P.O. Box 1157	
	Jefferson City, MO 65102	
22	(573) 522-3304	
	jeremy.knee@ded.mo.gov	
23		
	FOR: Division of Energy.	
24		
25		

	Page	e 225
1	MARC D. POSTON, Senior Public Counsel	
	Office of the Public Counsel	
2	P.O. Box 2230	
	200 Madison Street, Suite 650	
3	Jefferson City, MO 65102-2230	
	(573) 751-4857	
4		
	FOR: Office of the Public Counsel	
5	and the Public.	
6	KEVIN A. THOMPSON, Chief Staff Counsel	
	JOHN BORGMEYER, Deputy Counsel/Gas	
7	AKAYLA JONES, Legal Counsel	
	Missouri Public Service Commission	
8	P.O. Box 360	
	200 Madison Street	
9	Jefferson City, MO 65102	
	(573) 751-3234	
10		
	FOR: Staff of the Missouri Public	
11	Service Commission.	
12		
13		
14 15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

Page 226

- 1 PROCEEDINGS.
- JUDGE JORDAN: Good morning,
- 3 everyone. It is seven minutes after nine on
- 4 August 20th, 2014. This is the evidentiary hearing
- 5 in Case No. -- in File No. GR-2014-0086, in the
- 6 matter of Summit Natural Gas of Missouri,
- 7 Incorporated's filing of revised tariffs to
- 8 increase its annual revenues for natural gas
- 9 services.
- 10 Let's begin by silencing cell phones.
- 11 I'm going to do that right now with my device. I
- 12 will not require anyone to turn them off, but
- 13 please do silence them.
- 14 And let's proceed with entries of
- 15 appearance. We'll start with the Applicant.
- MR. COOPER: Dean Cooper and Diana
- 17 Carter will appear today on behalf of Summit
- 18 Natural Gas of Missouri, Inc. The court reporter
- 19 has the address.
- JUDGE JORDAN: Thank you. For the
- 21 Staff of the Public Service Commission.
- MR. BORGMEYER: Yes. Good morning,
- 23 your Honor. Appearing today for Staff will be John
- 24 Borgmeyer, and Kevin Thompson is also here for
- 25 Staff.

Page 227 JUDGE JORDAN: Thank you. For the 1 2 Office of the Public Counsel? 3 MR. POSTON: Marc Poston appearing for the Office of the Public Counsel. 4 JUDGE JORDAN: Thank you. For the 5 Missouri School Boards Association? 6 MR. BROWNLEE: Richard Brownlee for 7 the Missouri School Boards Association. 8 9 JUDGE JORDAN: Is anyone here for the Missouri Division of Energy this morning? Not 10 11 seeing anyone. 12 Missouri Propane Gas Association. 13 MR. JARRETT: Yes. Good morning, Judge. Terry Jarrett appearing on behalf of the 14 15 Missouri Propane Gas Association, and the court reporter has my address and contact information. 16 17 JUDGE JORDAN: Thank you. We had some discussions off the record, some preliminary 18 matters before we resumed the taking of evidence 19 and argument this morning. Staff counsel? 20 21 MR. BORGMEYER: Yes, your Honor. discussed with the parties about stipulating to the 22 admission of some portions of Staff's Cost of 23 24 Service Report and Class Cost of Service Report, stipulating to the admission of the testimony of 25

Page 228

- 1 witnesses who didn't testify on any of the issues
- 2 on the list and nobody has any cross for them.
- 3 Those witnesses who participated in Staff's Cost of
- 4 Service Report HC and NP marked as Staff
- 5 Exhibit 103 and 104, those are Ashley Sarver, Keith
- 6 Foster, Jermaine Green, Brad Fortson, and Dan Beck
- 7 contributed portions of Staff's Class Cost of
- 8 Service Report, which is marked as Staff
- 9 Exhibit 108.
- 10 My understanding is that no one has
- 11 any cross for those witnesses and that the parties
- 12 agree that the portions of those reports authored
- 13 by those witnesses will be admitted into the
- 14 record.
- JUDGE JORDAN: Okay. Anything from
- 16 the rest of the parties as to that?
- 17 (No response.)
- 18 JUDGE JORDAN: All right. Then those
- 19 portions of those exhibits will be admitted into
- 20 the record without objection by stipulation.
- 21 (PORTIONS OF STAFF EXHIBIT NOS. 103,
- 22 104 AND 108 WERE RECEIVED INTO EVIDENCE.)
- JUDGE JORDAN: Anything else this
- 24 morning before we go on the record?
- MR. POSTON: Yes, Judge. I wanted to

Page 229

- 1 raise the issue I raised earlier about having OPC
- 2 witness Keri Roth not appear today, and she'll be
- 3 back on Friday for the merger issue.
- 4 JUDGE JORDAN: And I understand
- 5 that's not a problem for anyone either. I'm not
- 6 seeing any objection to that. So that witness may
- 7 be excused for today.
- I understand also that we've had a
- 9 little change in our order of witnesses. That is
- 10 to say that those witnesses listed to testify on
- 11 the Warsaw/Branson reductions and also on capacity
- 12 utilization calculations, those witnesses will take
- 13 the stand during the portion on rate increase
- 14 amount, amortization and imputation of minimum
- 15 levels of volumes; is that correct?
- 16 MR. COOPER: That's correct, your
- 17 Honor.
- JUDGE JORDAN: Very good. All right.
- 19 Then that's all the preliminary matters that I can
- 20 think of right now.
- 21 MR. BORGMEYER: Your Honor, if I
- 22 could just raise one more. We talked about this
- 23 earlier, and I think this is going to be okay, but
- 24 I'll -- on the issue of rate shock, I believe that
- 25 we had discussed that witness Tom Imhoff would

Page 230

- 1 appear for Staff on that issue. And my
- 2 understanding is that the parties would not have
- 3 any cross for Staff witness Joel McNutt or Staff
- 4 witness Robin Kliethermes.
- 5 They're available today if anyone has
- 6 questions for them, but I think just to -- before I
- 7 forget, I would note that I believe that the
- 8 parties have agreed that their testimony would also
- 9 be stipulated into the record, that there wouldn't
- 10 be any cross for them.
- 11 And I can -- for Ms. Kliethermes,
- 12 that would be portions of Staff's Cost of Service
- 13 Report HC and NP, Staff Exhibit 103 and 104, and
- 14 rebuttal testimony marked as Staff Exhibit 115.
- 15 And for Joel McNutt, that would be portions of
- 16 Staff's Class Cost of Service Report marked as
- 17 Staff Exhibit 108 and surrebuttal testimony marked
- 18 as Staff Exhibit 129.
- 19 So I believe if Mr. Imhoff takes the
- 20 stand for Staff on the rate shock issue, my
- 21 understanding is that parties won't have any
- 22 cross-examination for those witnesses. But if
- 23 that's not the case, then I'll withdraw that, but
- 24 I -- my understanding is that's the situation.
- JUDGE JORDAN: Okay. So we're

Page 231

- 1 discussing entering the exhibits that you discussed
- 2 or portions -- those matters that you've listed
- 3 into the record without those witnesses taking the
- 4 stand being sworn, et cetera. Is that --
- 5 MR. BORGMEYER: That's correct, your
- 6 Honor.
- 7 JUDGE JORDAN: Okay. Good. And does
- 8 any party have any objection to that arrangement?
- 9 MR. POSTON: I did have a question.
- 10 Can you explain again about the Tom Imhoff's --
- 11 you're saying all his -- he's not taking the stand
- 12 at all or just on issue --
- 13 MR. BORGMEYER: No. Tom Imhoff would
- 14 take the stand on all the issues that he's
- 15 currently take the stand on, but on the issue of
- 16 rate shock, he would be the only one taking the
- 17 stand for Staff on the issue of rate shock.
- 18 MR. POSTON: Okay. Thank you.
- MR. BROWNLEE: I might be able to
- 20 clarify. We did not get, essentially, some
- 21 information on the Staff computation on the rate
- 22 shock until after we'd already filed our
- 23 surrebuttal testimony. So we kind of -- we sort of
- 24 are -- what I mentioned yesterday, it came in
- 25 after -- we couldn't get it in Mr. Ervin's

Page 232

- 1 testimony. Staff did supply it.
- 2 And I think my questions to
- 3 Mr. Imhoff really would be not technically how it
- 4 was produced, just that the facts indicated are
- 5 true and accurate. That's -- he's just going to
- 6 verify. And it actually came in in a data request.
- 7 So it's a very limited question to
- 8 Mr. Imhoff; not technically what did you do to
- 9 produce the numbers, just are these, in fact, the
- 10 true and accurate numbers.
- JUDGE JORDAN: Okay.
- MR. BROWNLEE: If that explains
- 13 anything.
- JUDGE JORDAN: Then you're not making
- 15 an objection to the stipulation of the other
- 16 witnesses?
- 17 MR. BROWNLEE: No. No. I just
- 18 wanted to clarify why Mr. Imhoff was kind integral
- 19 to what our issue is.
- 20 JUDGE JORDAN: But Staff is planning
- 21 to call Mr. Imhoff?
- 22 MR. BORGMEYER: Yes. Mr. Imhoff will
- 23 appear on all issues where his name is listed on
- 24 the issues list just as normal. It's just that I
- don't believe there would be any questions for

Page 233

- 1 Robin or -- for Mr. McNutt or Ms. Kliethermes, so
- 2 I -- and I think that's what Mr. Brownlee just
- 3 agreed to, that they would not be needed to take
- 4 the stand.
- 5 JUDGE JORDAN: Okay. I haven't heard
- 6 any objection to that arrangement, so the
- 7 Commission will excuse those witnesses for today
- 8 and enter the matters listed into the record.
- 9 (PORTIONS OF STAFF EXHIBIT NOS. 103,
- 10 104, 108 AND EXHIBIT NOS. 115 AND 129 WERE RECEIVED
- 11 INTO EVIDENCE.)
- 12 JUDGE JORDAN: Thank you for that
- 13 clarification. I understand we may also be talking
- 14 witness Ervin out of order sometime today. I
- 15 wanted to check on the spelling of the name, Ervin.
- 16 I understand we'll be taking that witness out of
- 17 order today very likely?
- 18 MR. COOPER: It depends on how it
- 19 moves forward, your Honor, but yes, we certainly
- 20 have agreed to, depending on how the schedule moves
- 21 forward, to make sure Mr. Ervin takes the stand
- 22 today.
- JUDGE JORDAN: Very good. Very good.
- 24 Any other matters preliminary to resuming evidence
- 25 and argument on today's issues?

Page 234 1 (No response.) 2 JUDGE JORDAN: Okay. I'm not seeing 3 any. Did the Commissioners have any inquiries that they wanted to make before we begin taking the 4 5 opening statements focused on the issues? 6 Okay. Then we will resume with the 7 issue of rate increase and amount, which includes amortization and imputation of minimum levels of 8 volume. We'll begin with an opening statement 10 focused on that issue from Summit. 11 MR. COOPER: Good morning. 12 In my mind, we're actually tackling, 13 I think, the questions or at least three of the four questions that are listed under revenue 14 15 requirement on the list of issues. 16 The first one of those has been --17 has been posed as, should the Commission grant the company a rate increase? If so, in what amount? 18 From the company's viewpoint, the appropriate 19 revenue increases by division are provided in the 20 21 company's statement of position. Those numbers reflect the adjustments 22 noted in Summit's surrebuttal testimony and for the 23 24 FERC Account 105 transfer that has been proposed by the Staff. The numbers also reflect the company's 25

Page 235

- 1 position on return on equity, cost of debt and
- 2 capital structure that you heard yesterday.
- Now, one additional issue in regard
- 4 to this 105 transfer that's been proposed by Staff
- 5 and proposed by the company is that if the
- 6 Commission were to direct Summit to make that
- 7 proposed Account 105 transfer, Uniform System of
- 8 Accounts would require that the Commission also
- 9 include in its order a process for repatriating
- 10 those transferred amounts back based upon future
- 11 growth within the company.
- 12 Summit provides a detailed proposal
- 13 as to this process in the surrebuttal testimony of
- 14 Summit witness Johnston and would ask the
- 15 Commission to order that process if it agrees with
- 16 the Account 105 transfers.
- Now, the second issue listed under
- 18 revenue requirement is, should Summit Natural Gas
- of Missouri make an adjustment to Account 302?
- 20 This has to do with some accounting related to
- 21 franchises.
- I don't think there's any agreement
- 23 amongst the parties. I think -- or at least
- 24 amongst Summit, Staff and the Office of the Public
- 25 Counsel. Probably with more time and a different

Page 236

- 1 situation, that would have made -- in my mind,
- 2 would have made its way into the stipulation, but
- 3 it did not. I think the testimony is generally
- 4 consistent amongst those three parties on that
- 5 issue as to what should happen.
- 6 The third issue that's listed is,
- 7 should the Commission require Summit Natural Gas of
- 8 Missouri to impute a level of volumes, customer
- 9 levels and/or revenues in any of the four rate
- 10 divisions in this rate case?
- 11 I'd like to start really our position
- on that issue by reminding the Commission of the
- 13 following sentiment that was expressed at one of
- 14 the local public hearings in this case, at Lebanon
- 15 in particular. A gentleman stated that, he said, I
- 16 want to thank Summit Natural Gas for coming to
- 17 Lebanon. I have had excellent service, and I have
- 18 saved more than \$1,000 a year on my heating bills
- 19 previously.
- 20 There are many customers that
- 21 appreciate and benefit from the availability of
- 22 natural gas. The imputation suggested by the
- 23 Office of Public Counsel would be greatly
- 24 detrimental to the company's ability to both
- 25 provide this service to existing customers and to

Page 237

- 1 extend its service to new customers.
- 2 Summit believes that there are
- 3 already provisions in place that protect ratepayers
- 4 and make it clear that the company has accepted the
- 5 risk in regard to its growth.
- 6 As to the Rogersville division, I
- 7 mentioned yesterday, Summit certainly has provided
- 8 evidence and believes that it has exceeded the
- 9 minimum level of volumes that were set in Case
- 10 No. GA-94-127 during the test year and update
- 11 period applicable to this case. Accordingly, we
- 12 don't think there's any factual basis for an
- 13 imputation in that division.
- I would mention that that's the only
- 15 situation where there is a specific number
- 16 mentioned in a Commission order in this series of
- 17 certificate cases.
- 18 Further, I'd like to note that Summit
- 19 has proposed in its testimony that the Commission
- 20 eliminate that Case GA-94-127 throughput
- 21 requirement for future cases. Because it changes
- 22 in circumstances, this standard is really no longer
- 23 meaningful in terms of what it was -- it was
- 24 designed for at the time.
- The analysis that performed the basis

Page 238

- 1 for that requirement was performed around 1994,
- 2 about 20 years ago, and included an average
- 3 residential customer usage of about 100 MCF per
- 4 year.
- 5 Today, the average residential usage
- 6 is less than 60 percent of that figure, and we just
- 7 believe that the standard was based upon different
- 8 usage levels, different usage patterns and
- 9 equipment that was available to people 20 years ago
- 10 as opposed to today.
- 11 As to the Warsaw and Branson
- 12 divisions, as I mentioned yesterday, or I mentioned
- 13 earlier, Summit has asked the Commission to direct
- 14 it to transfer a portion of its mainline investment
- into plant held for future use, Account 105, to
- 16 recognize underutilization of mainline assets in
- 17 those two divisions that the company recognizes.
- This is not a meaningless gesture.
- 19 The proposed transfer would involve other
- 20 \$34.6 million of plant -- of investment that's been
- 21 made, that's in the ground, and upon which the
- 22 company would not have the opportunity to earn a
- 23 return in this case. That's a significant -- a
- 24 significant movement, a significant item in terms
- of addressing the concerns about growth and

Page 239

- 1 utilization and accepting of risk for that matter.
- 2 The Gallatin division, as we talked
- 3 about yesterday, were small troubled municipal
- 4 systems. Summit has brought stability and growth
- 5 to those systems. The rate base already reflects
- 6 significant adjustment because they were brought
- 7 into Summit's books or onto Summit's books at a
- 8 price significantly less than the construction cost
- 9 of those systems.
- 10 And so it's Summit's position that
- 11 the rate base in that division already reflects an
- 12 adjustment based upon the conditions.
- 13 Consequently, Summit believes there's no basis for
- 14 any imputation of volumes, customer levels or
- 15 revenues in this case.
- 16 The fourth issue, as we mentioned, is
- 17 how should the former Southern Missouri Natural Gas
- 18 assets be booked to plant in service in light of
- 19 MGU's merger with Southern Missouri Natural Gas.
- 20 It was approved in GM-2011-0354. That is the issue
- 21 we mentioned that's going to come up on Friday, and
- 22 we'll address it in more detail at that time.
- Thank you.
- JUDGE JORDAN: Thank you, counselor.
- 25 Any inquiry of counsel from the Bench?

Page 240 1 CHAIRMAN KENNEY: No, thank you. 2 JUDGE JORDAN: Opening statement of 3 Staff, please. MR. BORGMEYER: Good morning, 4 5 everyone. May it please the Commission? 6 Staff's position on this is basically 7 the same as I mentioned in my opening statement yesterday. The updated reconciliation and 8 accounting schedules quantify Staff's final position on revenue requirement. 10 11 The process by which Staff got there 12 is contained in its Cost of Service Report and its rebuttal and surrebuttal testimony. Particularly, 13 the surrebuttal testimony of Amanda McMellen 14 15 describes exactly what Staff's done in this case. 16 And the major adjustment, of course, 17 as Mr. Cooper just said, is the excess capacity adjustment that Staff made to the rate base in 18 Warsaw and Branson divisions. There's surrebuttal 19 testimony from Lesa Jenkins who describes how she 20 21 calculated that excess capacity. And Amanda McMellen's surrebuttal testimony explains what she 22 did with that to apply it to the Warsaw and Branson 23 divisions. 24 25 And the bottom line is that it's a

Page 241

- 1 way to make sure that the utility customers are
- 2 paying the cost of service for the utility service
- 3 that they use, no more than that and no less than
- 4 that.
- 5 And Staff's view is that if the
- 6 Commission were to set rates in this case based on
- 7 the testimony of Public Counsel, that they would
- 8 not be setting rates based on cost of service, and
- 9 we don't think that's appropriate.
- 10 Staff agrees that SMG Mo. should make
- 11 an adjustment to Account 302, and as Mr. Cooper
- 12 said, we'll be discussing the issue of how the
- 13 former SMNG assets should be booked to plant in --
- 14 to plant in service. We'll be discussing that
- issue on Friday. We'll talk more about it then.
- Thank you.
- 17 JUDGE JORDAN: Questions from the
- 18 Bench for counsel?
- 19 CHAIRMAN KENNEY: No thanks.
- JUDGE JORDAN: I have none. Thank
- 21 you. Office of Public Counsel, an opening
- 22 statement?
- MR. POSTON: May it please the
- 24 Commission? Good morning.
- 25 Yesterday I spoke about the

Page 242

- 1 conditions that were placed on the Certificates of
- 2 Convenience and Necessity, the CCNs. In
- 3 particular, I spoke about the condition that the
- 4 company assume all risk of project success.
- 5 The evidence in this case will show
- 6 that the company has not met its conversion
- 7 projections, has not met its volume projections in
- 8 the four divisions. What the evidence won't show
- 9 is that the company has met its burden of proving
- 10 that it has met those projections.
- 11 The first CCN case, the 1994 case,
- 12 the Commission identified a method for preventing
- 13 risk from being shifted to ratepayers. We believe
- 14 that method can be used here to determine to what
- 15 extent imputations are needed for each of these
- 16 service areas or the divisions.
- 17 That's why we think the best outcome
- 18 for ratepayers is that the Commission reject the
- 19 rate increase and tell the company to come back if
- 20 it wants with a reasonable offset to their request
- 21 to reflect the risk-shifting protections that the
- 22 Commission put in place.
- 23 And one way to make these offsets was
- 24 recognized by the Staff and to an extent by the
- 25 company for the Branson and Warsaw division where

Page 243

- 1 they made -- Staff made an excess capacity
- 2 adjustment to reflect that the company's not met
- 3 its sales projections.
- 4 But we really need more from the
- 5 company to get this done for all four divisions,
- 6 and an order reject the increase would hopefully
- 7 provide the incentive needed to get the company
- 8 more engaged on this issue.
- 9 Thank you.
- 10 JUDGE JORDAN: Inquiries,
- 11 Commissioners? Very good. Thank you.
- 12 Opening statement from Missouri
- 13 Propane Gas Association?
- 14 MR. JARRETT: Good morning. May it
- 15 please the Commission?
- As I stated yesterday in my general
- 17 opening statement, all MPGA is asking for is a fair
- 18 chance to compete on a level playing field. Today
- 19 you will hear testimony from Brian Brooks, who's
- 20 the fourth generation of his family to work in the
- 21 propane business.
- Now, he speaks from, I think, a
- 23 rather unique point of view than Commissioners hear
- 24 during rate cases. He's speaking from a
- 25 competitor's point of view, because propane

Page 244

- 1 competes with natural gas for customers in all of
- 2 Summit's districts.
- 3 And to summarize his testimony in
- 4 just a few words, when rates for a natural gas
- 5 company like Summit are set below the revenue
- 6 requirement like Summit is asking for in this case,
- 7 that makes it harder for competitive fuels, for
- 8 alternate fuels to compete in the market for
- 9 customers.
- I know it's not a perfect analogy,
- 11 but -- and I'm dating myself here, but when I was a
- 12 kid, I can remember there used to be gas wars
- 13 where, for example, you might have two gas stations
- 14 across the street from each other and one gas
- 15 station one day decides that they're going to try
- 16 to steal some customers from the other -- the other
- 17 station, so they lower their prices. So the other
- 18 station across the street has to lower its prices
- 19 or they're going to lose customers.
- 20 So they get into a bidding war, and
- 21 pretty soon they're both selling under cost and
- 22 losing money. Now, if one of those businesses is
- 23 better financially well off than the other, one
- 24 could possibly drive the other one out of business,
- 25 could sell at a loss long enough to force that

Page 245

- 1 other company out of business. Most likely what
- 2 happens is they fight for a while and then they
- 3 both lose money and they declare a truce and prices
- 4 eventually return back to normal.
- 5 But as I said, that's not a perfect
- 6 analogy, but it's kind of similar from a
- 7 competitive perspective to what's going on here.
- 8 Summit is pricing their product below their cost of
- 9 recovery, and again, that makes it harder for
- 10 competitors to compete.
- 11 Of course, MPGA understands that it's
- 12 not fair to ask early movers on a new system to pay
- 13 for the entire cost of the installation of new
- 14 infrastructure right up front and that, of course,
- 15 you know, there's nothing wrong in those situations
- 16 for a period of time for investors to sort of
- 17 insulate those new early customers from risk and --
- 18 with the hope of growing in the future.
- 19 So we understand those concepts and
- 20 understand that that is going to take place, but
- 21 long term, no company can continue to price its
- 22 product below its cost of recovery and expect to
- 23 remain viable.
- So, basically, MPGA is asking this
- 25 Commission to take into consideration that market

Page 246

- 1 perspective. The propane dealers understand that
- 2 you have a responsibility to the ratepayers and to
- 3 Summit and to the public to provide just and
- 4 reasonable rates considering all relevant factors.
- 5 And all the propane dealers can ask is that you
- 6 take into consideration their competitive issues
- 7 also when you're considering all those relevant
- 8 factors.
- 9 Another issue is -- that leads to
- 10 good, open and fair competition is information.
- 11 Consumers have to have full information in order to
- 12 make choices on which fuel they want to use.
- 13 Mr. Poston yesterday in his general
- 14 opening statement mentioned the Branson local
- 15 public hearing and the mayor of Branson's testimony
- 16 where she testified that certain information about
- 17 the rate structure there was not made clear to her
- 18 community, her citizens, business or city staff,
- 19 and that now they are facing what they feel is an
- 20 unexpected rate increase.
- If people don't have all the
- 22 information, they can't make informed choices. So
- 23 again, what we're asking for is consideration of
- 24 these issues because we feel like a fair,
- 25 competitive market where consumers have all the

Page 247

- 1 information and can make fully informed choices
- 2 benefits consumers as well. Thank you.
- JUDGE JORDAN: Questions for counsel?
- 4 No. None from me either. Thank you.
- 5 And I note that the Missouri School
- 6 Boards Association is not presenting any evidence.
- 7 Did that association want to make any opening
- 8 statement?
- 9 MR. BROWNLEE: No, your Honor.
- 10 JUDGE JORDAN: Very well. Then we
- 11 are ready for Summit's case in chief on this.
- 12 Before we start taking testimony, getting deep into
- 13 this, I want to remind the parties that the
- 14 Commission has an agenda scheduled for none. As
- 15 that testimony approaches, I hope the parties will
- 16 alert me to when they think is a good time for a
- 17 break.
- 18 Also, while we're on the subject of
- 19 scheduling, as the five o'clock hour approaches,
- 20 I'd like the parties to let me know about how they
- 21 feel about either extending this hearing past
- 22 five o'clock or using Thursday which is reserved
- 23 for these issues. Any questions on that?
- 24 All right.
- 25 MR. COOPER: Your Honor, Summit would

Page 248 call Mr. Tim Johnston. 2 (Witness sworn.) 3 JUDGE JORDAN: Thank you. Have a 4 seat. 5 TIMOTHY JOHNSON testified as follows: 6 DIRECT EXAMINATION BY MR. COOPER: 7 Q. Please state your name. Timothy Ray Johnston. 8 Α. Q. By whom are you employed and in what 10 capacity? I am employed by Summit Utilities, 11 Α. 12 Incorporated, the parent company to Summit Natural Gas. I'm the Executive Vice President and Chief 13 14 Strategy Officer for the company. 15 Have you caused to be prepared for Q. the purposes of this proceeding certain rebuttal 16 17 and surrebuttal testimony in question and answer form? 18 19 A. I have. 20 Is it your understanding that that 21 testimony has been marked as Exhibits 5 and 6 for identification? 22 23 I will take your word for it. 24 Q. Have you also -- have you reviewed 25 the direct testimony of Michelle Moorman?

Page 249 1 A. Yes. 2 Q. Is it your intention to adopt that 3 testimony today? 4 Α. Yes. 5 And why is that necessary? Q. 6 Α. After the filing of the case, 7 Ms. Moorman took another position with a different company and is no longer with Summit. 8 9 Q. Is it your understanding that her testimony has been marked as Exhibit 4 for 10 identification? 11 12 Α. Yes. If I were to ask you the questions 13 Q. 14 which are contained in Exhibits, 4, 5 and 6 today, 15 would your answer be the same as are reflected in 16 those exhibits? 17 Α. 18 Would those answers be true and Q. correct to the best of your information, knowledge 19 20 and belief? 21 Α. Yes. 22 MR. COOPER: Your Honor, at this time I would offer Exhibits 4, 5 and 6 into evidence and 23 tender Mr. Johnston for cross-examination. 24

Fax: 314.644.1334

JUDGE JORDAN: Not hearing any

25

Page 250

- 1 objections to those exhibits, they will be entered
- 2 into the record.
- 3 (SUMMIT EXHIBIT NOS. 4, 5 AND 6 WERE
- 4 RECEIVED INTO EVIDENCE.)
- 5 JUDGE JORDAN: Cross-examination from
- 6 Missouri Propane Gas Association.
- 7 CROSS-EXAMINATION BY MR. JARRETT:
- 8 Q. Good morning, Mr. Johnston.
- 9 A. Good morning.
- 10 Q. I really just have a few questions.
- 11 In your surrebuttal testimony on page 2, if I
- 12 understand correctly, you reference Ms. Moorman's
- 13 testimony and basically state that Summit sought
- 14 less than the full revenue requirement when
- 15 initially setting rates in the Branson district,
- 16 and I assume also the Warsaw district, to avoid
- 17 assigning the full cost of new systems to early
- 18 moving customers. Is that accurate?
- 19 A. That is accurate.
- 20 Q. Because without early movers, the
- 21 system would never be built; is that correct?
- 22 A. The early movers are certainly part
- 23 of the analysis that goes into making the
- 24 determination whether to build a system.
- 25 Q. So with that being said, you would

Page 251

- 1 agree that rates, at least in the Branson and
- 2 Warsaw districts, in this case are being set
- 3 below -- or being -- the ask is for the revenue
- 4 requirement to be set below what was -- below what
- 5 was recommended by Mr. Taylor?
- 6 A. The rates are being -- we're asking
- 7 to set the rates at a level that is commensurate
- 8 with the investment, including the reserve put into
- 9 Account 105 that aligns the amount of investment
- 10 with the customers that are there.
- 11 Q. Right. But my question was about
- 12 Mr. Taylor's testimony. Are you familiar with his
- 13 testimony and his rate requirement calculations?
- 14 A. I've reviewed them briefly.
- 15 Q. All right. And would you dispute
- 16 that he's recommended more than what Summit is
- 17 asking for in this case?
- 18 A. I am aware that Mr. Taylor performed
- 19 a calculation that showed what the rate requirement
- 20 would be at the full amount of the rate base -- or
- 21 full amount of the investment that Summit made in
- 22 those systems, yes.
- Q. Now, you would agree with me that,
- 24 from a long-term standpoint, it wouldn't be viable
- 25 for a company to charge a rate that is below its

Page 252

- 1 revenue requirement or cost of recovery?
- 2 A. From a long-term standpoint, that's
- 3 correct. That's why we've included a mechanism for
- 4 repatriating the values out of 105 back into
- 5 utility plant in service over time.
- 6 Q. So Summit fully intends at some point
- 7 to set rates that will fully recover their costs
- 8 plus a little profit?
- 9 A. We intend to -- yes. We intend to
- 10 come back to the Commission at some point in the
- 11 future with a case that would include an allowed
- 12 return on that full investment as the customer
- 13 count and the volumes for those systems achieve the
- 14 original objectives.
- 15 Q. So really it's just kind of a
- 16 question of not if but when?
- 17 A. Yes.
- 18 Q. And how soon, sooner rather than
- 19 later?
- 20 A. Yes.
- 21 MR. JARRETT: All right. I have no
- 22 further questions. Thank you.
- 23 JUDGE JORDAN: Cross-examination from
- 24 Missouri School Boards Association?
- MR. BROWNLEE: None.

Page 253 JUDGE JORDAN: Office of the Public 1 2 Counsel? 3 MR. POSTON: Yes, thank you. Is it okay if I can question from here? 4 5 JUDGE JORDAN: Everyone may question from where they are seated. 6 7 MR. POSTON: Great. Thank you. CROSS-EXAMINATION BY MR. POSTON: 8 Q. Good morning, Mr. Johnston. 10 A. Good morning. 11 Before MGU merged with Southern Q. 12 Missouri Natural Gas, MGU had only two service 13 areas, a northern service area and a southern 14 service area; is that correct? A. That's correct. 15 And the former MGU northern service 16 Q. 17 area is now called the Gallatin division; is that 18 correct? 19 A. Yes. In this case, we're asking to change the name as the -- as the tariffs are 20 21 merged, we're changing the name to Gallatin 22 division. 23 Q. And then the former southern service 24 area is now called the Warsaw division, correct? 25 A. It will be after this case, yes.

Page 254

- 1 Q. And in your surrebuttal testimony you
- 2 talk about the total system throughput for the
- 3 Rogersville system?
- 4 A. Yes.
- 5 Q. And you say there's a 1.8 million,
- 6 roughly, throughput, MCF throughput, which you
- 7 state exceeds the 1.7 million imputation level; is
- 8 that accurate?
- 9 A. That's accurate.
- 10 Q. And do your test year throughput
- 11 figures, which is what the 1.8 is, that's --
- 12 1.8 million, that's a test year number; is that
- 13 correct?
- 14 A. That's correct.
- 15 Q. And that includes volumes from all
- 16 the communities that Summit currently serves in the
- 17 Rogersville division; is that correct?
- 18 A. That's correct.
- 19 Q. Would you agree that the
- 20 communities -- that there are some communities
- 21 within that Rogersville division that were not
- 22 included when the original 1.7 million imputation
- 23 number was originally calculated by the Commission?
- A. That's correct. The only -- the only
- 25 community that I'm aware of of any size is Lebanon.

Page 255

- 1 O. Isn't it also true that the
- 2 communities of Seymour, Diggins, Fordland, Norwood
- 3 and Rogersville were also not included in that
- 4 original calculation of 1.7 million imputation?
- 5 A. I don't know the answer to that
- 6 question. Certainly those are all along the
- 7 pipeline route. The pipelines went through each of
- 8 those communities or close to each of those
- 9 communities.
- 10 MR. POSTON: May I approach the
- 11 witness?
- 12 JUDGE JORDAN: You may. And unless
- 13 anyone objects, I will generally rule that counsel
- 14 may approach witnesses.
- MR. POSTON: If I can have this
- 16 marked as exhibit -- I think we're at 207, I think
- 17 is the exhibit number.
- 18 JUDGE JORDAN: I have here exhibit
- 19 list ending with 205 right now.
- MR. POSTON: Okay. So 206.
- 21 (OPC EXHIBIT NO. 206 WAS MARKED FOR
- 22 IDENTIFICATION.)
- 23 BY MR. POSTON:
- 24 Q. Okay. You have what's been marked as
- 25 Exhibit 206; is that correct?

Page 256

- 1 A. Yes.
- 2 Q. And can you identify what I've handed
- 3 you?
- 4 A. You handed me a transcript in the
- 5 official case file of Case GA-94-127.
- 6 Q. Okay. And if you turn to the second
- 7 page, it shows an index; is that correct?
- 8 A. Yes.
- 9 Q. And can you see that Tartan Energy's
- 10 witness Tom Taylor testified between pages 70 and
- 11 194?
- 12 A. Yes.
- 13 Q. And then if you can turn the next
- 14 page, you can see page 70; is that correct?
- 15 A. Yes.
- 16 Q. And you can see where witness Tom
- 17 Taylor took the stand, began his testimony; is that
- 18 correct?
- 19 A. Yes.
- Q. Okay. And then the next page is
- 21 page 159; is that correct?
- 22 A. Yes.
- 23 Q. And down at the very bottom you can
- 24 see a reference to Mr. Taylor. So it appears
- 25 Mr. Taylor is still testifying; is that correct?

Page 257

- 1 A. Down at the bottom there's a
- 2 statement from a Mr. Connell asking the testimony
- 3 of Mr. Taylor be stricken.
- 4 Q. Right.
- 5 A. I don't know that that indicates he's
- 6 still testifying, but --
- 7
  Q. Based off of the index that you saw?
- 8 A. Yes.
- 9 Q. Okay. And then the next page, 160,
- down at the bottom you see the question where it's
- 11 asked of Mr. Taylor, Were you personally present at
- 12 all of the discussions concerning the Stipulation &
- 13 Agreement? And he says, No, sir.
- 14 A. Yes.
- 15 Q. And again, this is referring to the
- 16 Stipulation & Agreement that was in Case GA-94-127.
- 17 And then the question is asked, Were you there for
- 18 the discussion of setting the floor at 1,797,000 as
- 19 the floor value? And then his answer is, I was
- 20 there when that concept was discussed. Is that
- 21 accurate?
- 22 A. Yes.
- 23 Q. And then down towards the bottom of
- 24 the next page, 161, line 18, he's asked, What
- 25 communities did your base case involve -- include?

Page 258

- 1 I'm sorry. And then he goes on to say that it
- 2 specifically did not include Seymour, Diggins,
- 3 Fordland and Rogersville; is that correct?
- 4 A. Yes.
- 5 Q. So just based on this, would you
- 6 agree, then, that it appears that those four
- 7 communities were not included in the calculation of
- 8 the \$1.7 million imputation -- I mean million MCF
- 9 imputation? Sorry.
- 10 A. I think that's a logical conclusion.
- 11 I'd also point out that at the top of page 161, the
- 12 continuation of the answer from the bottom of
- 13 page 160 where he started and said, I was there
- 14 when that concept was discussed. But then at the
- 15 top of page 161 he continues to say, I don't know
- 16 if I was there for that exact volume or not, but I
- 17 was there for the concept of it.
- 18 Q. But then down towards the bottom of
- 19 161, he says that there was -- basically, the
- 20 projection was lowered because they were removing
- 21 these four communities, correct?
- 22 A. I think that would be an accurate
- 23 reading, yes.
- Q. If you could turn to the next page,
- 25 **162**. It appears he's added another one to the

Page 259

- 1 list. He's added Norwood, the very top. And the
- 2 question's asked, Does your base case in
- 3 calculating the volumes include the probable
- 4 additional cities of Rogersville, Fordland,
- 5 Diggins, Seymour and Norwood? And then he goes on
- 6 to say those volumes were not included; is that
- 7 correct?
- 8 A. Yes.
- 9 MR. POSTON: Okay. Your Honor, I
- 10 move to have Exhibit 206 entered.
- JUDGE JORDAN: Objection?
- MR. COOPER: Your Honor, I think I
- 13 would object to having it entered as evidence. I
- 14 don't think it's -- well, I guess it's evidence. I
- don't think I would object to the Commission's
- 16 taking notice of this document from its file, as
- 17 long as it takes notice of the complete document as
- 18 opposed to these few pages that have been pulled
- 19 out of a transcript that's obviously much longer
- 20 and involves several other witnesses.
- 21 MR. POSTON: That's fine. I have no
- 22 objection to that.
- JUDGE JORDAN: The Commission will
- 24 take notice of the transcript in Case No.
- 25 GA-94-127, that being a transcript hearing held on

Page 260 August 3rd, 1994. Have you -- have you handed a 2 copy to the reporter? 3 MR. POSTON: I did. JUDGE JORDAN: Very good. 4 5 BY MR. POSTON: 6 Mr. Johnston, Branson is served by an Q. 7 eight-inch and a six-inch steel mainline that 8 brings gas to Branson from the Southern Star Central Gas pipeline; is that correct? 10 Α. That's correct. And that line was sized to meet the 11 **Q**. 12 company's projected customer levels; is that 13 correct? 14 Α. That is correct. 15 I'd like to talk with you for a Q. minute about feasibility studies. And do you think 16 17 it would make sense when doing a feasibility study regarding an expansion project to consider the 18 19 effects of increased conservation efforts on 20 projected volumes of usage? 21 I can tell you that we don't usually include a conservation number because traditionally 22 the areas that we have served have had growth rates 23 24 such that the -- over a long period of time after the system's built and we've achieved essentially 25

Page 261

- 1 100 percent concentration, the conservation that
- 2 occurs each year has been offset by organic growth.
- 3 At least that's the assumption that we make.
- 4 Q. So you're assuming that conservation
- 5 then would play no part in the volumes that you, I
- 6 guess, are projecting?
- 7 A. Conservation definitely plays a part
- 8 long-term in the amount of gas in the system,
- 9 amount of gas that's going to flow through the
- 10 system. But it also depends on, as I said, on the
- 11 relationship between the organic growth rates in
- 12 the area and the amount of conservation that
- 13 occurs.
- 14 Q. So if you consider those other, the
- 15 organic growth rates and those things as well as
- 16 conservation, I mean, wouldn't it make sense to
- 17 consider all those factors when doing a feasibility
- 18 study?
- 19 A. As I said, we generally just make the
- 20 assumption that the organic growth rates and the
- 21 conservation offset each other, and we don't
- 22 include those.
- 23 Q. So I guess you're saying you don't
- 24 think that would be a sensible consideration to
- 25 make in a feasibility study?

Page 262

- 1 A. Restate the question, please.
- 2 Q. I said, so then is it your testimony
- 3 that that's not a sensible consideration to make
- 4 when doing a feasibility study?
- 5 A. What is not, I guess is my question?
- 6 Q. Conservation, the impacts of
- 7 conservation on your projected volumes.
- 8 A. No. It's not generally something
- 9 that we -- that we include because we generally
- 10 expect that we're going to get to something close
- 11 to system capacity within a reasonable length of
- 12 time, and the system obviously has to be built for
- 13 the amount of throughput that will be necessary to
- 14 serve those customers.
- We also build in in our feasibility
- 16 studies some amount of excess capacity to allow for
- 17 additional growth if there is additional growth.
- 18 Q. Well, regardless of what you do do
- 19 now, what I'm asking is, should or should not
- 20 conservation be considered when doing a feasibility
- 21 study?
- 22 A. I would not normally consider
- 23 conservation doing a feasibility study.
- 24 Q. How about energy efficiency
- 25 improvements, such as improvements on efficient

Page 263

- 1 appliances, is that a consideration that should be
- 2 made in doing a feasibility study?
- 3 A. We do not include effects of energy
- 4 conservation or energy efficiency in designing our
- 5 systems. We do include those over a long period of
- 6 time. When we look at a project over, say, a 25 or
- 7 30-year period, we look at those effects because to
- 8 do -- to not do so in looking at economics would be
- 9 improper given that the country as a whole has seen
- 10 decreases in the gas usage by residential customers
- 11 in particular. They were running about 1 to 2
- 12 percent per year from the early 70s until 2002.
- 13 They've since -- the rate of decline has since
- 14 dropped off a bit.
- These are figures, rough figures from
- 16 the American Gas Association information on the
- 17 subject. It's just been an effect of going from 65
- 18 percent efficient furnaces to 84 to now 95 percent
- 19 efficient.
- Q. When a gas utility does a feasibility
- 21 study, would you agree there's a risk that the
- 22 study will overlook a factor that will impact a
- 23 project's feasibility?
- A. I'm tempted to answer with Yogi
- 25 Berra's answer that forecasting is especially

Page 264

- 1 difficult when it's about the future. But yes, I
- 2 agree that there's always the possibility of
- 3 overlooking a factor that might be important.
- 4 Q. So then would you agree that each
- 5 time Summit or its -- one of it's predecessor
- 6 companies did a feasibility study, that there was a
- 7 risk that the company had overlooked an important
- 8 factor in the feasibility of the project?
- 9 A. Yes.
- 10 Q. Is the economic feasibility one
- 11 reason why a utility may decline to serve an area?
- 12 A. Certainly. I mean, if a feasibility
- 13 study that we run for an area indicates that that
- 14 area -- that the cost to serve that area is going
- 15 to be greater than what we expect to have as far as
- 16 customer counts and revenues in order to get a
- 17 return on our investment, certainly that's a reason
- 18 not to do that.
- 19 Q. And during your time with Summit and
- 20 MGU, did the company ever decline to request a CCN
- 21 for an area because of the results of a feasibility
- 22 study?
- 23 A. Yes, I believe we have. I'd have to
- 24 give some thought to tell you an example, but I
- 25 know we've looked at a lot of feasibility studies

Page 265

- 1 over the years, some of which were okay and with
- 2 which we proceeded and some of which we did not.
- 3 MR. POSTON: I have another document
- 4 I'd like to have marked. I apologize to everyone.
- 5 It's large.
- 6 (OPC EXHIBIT NO. 207HC WAS MARKED FOR
- 7 IDENTIFICATION BY THE REPORTER.)
- 8 MR. POSTON: This would be
- 9 Exhibit 207?
- 10 JUDGE JORDAN: That is correct.
- 11 BY MR. POSTON:
- 12 Q. Mr. Johnston, have you had a chance
- 13 to look at this exhibit to see what this is?
- MR. COOPER: Marc, would that be
- 15 207HC?
- MR. POSTON: Yes, it would be. Thank
- 17 you.
- 18 JUDGE JORDAN: Thank you, counsel.
- 19 BY MR. POSTON:
- 20 Q. Are you familiar with this company
- 21 response to an OPC data request?
- 22 A. I have not reviewed this response,
- 23 but it appears to be a response to Data Request 9
- 24 from the Office of the Public Counsel.
- Q. And you see at the very bottom,

Page 266

- 1 response provided by, and this was provided by you;
- 2 is that correct?
- 3 A. It was provided by me. I think it
- 4 was actually prepared by others.
- 5 Q. But your name is on this response to
- 6 verify or I guess to attest to the accuracy of this
- 7 response; is that correct?
- 8 A. That is correct. And I am familiar
- 9 with the feasibility studies that are included.
- 10 Q. And this DR asks you that rates have
- 11 historically been based, determined on feasibility
- 12 studies calculated during the CCN process, and
- 13 we've asked you to provide all feasibility studies
- 14 performed by or on behalf of the company; is that
- 15 correct?
- 16 A. That's correct.
- 17 Q. And you would then agree that this is
- 18 your response to that data request?
- 19 A. Yes.
- 20 MR. POSTON: Your Honor, I move to
- 21 have Exhibit 207HC entered into the record.
- JUDGE JORDAN: Not hearing any
- 23 objections, Exhibit 207 will be entered into the
- 24 record.
- 25 (OPC EXHIBIT NO. 207HC WAS RECEIVED

Page 267 1 INTO EVIDENCE.) 2 MR. POSTON: I've got just two more 3 exhibits that I'd like to have marked, and then I think I'll be done. The first one will be Data 5 Request No. 1110. That would be 208. And then the 6 next one is Data Request 18. Be 209. 7 (OPC EXHIBIT NO. 208 AND 209 WERE MARKED FOR IDENTIFICATION BY THE REPORTER.) 8 MR. POSTON: Were these 207 and 208 9 or 208 and 209? 10 JUDGE JORDAN: These are 208 and 209. 11 12 BY MR. POSTON: 13 Q. So Exhibit 208, if you could please look at that Mr. Johnson. 14 A. Yes. 15 16 Q. Would you agree this is a data 17 request from Public Counsel to the company asking a series of questions regarding the order granting 18 19 the Certificate of Convenience and Necessity in Case GA-2010-0189? 20 21 Α. Yes. 22 And the response was provided by 23 Alicia Picard. Is she an employee of the company? 24 A. Yes. 25 And does this look to be an accurate Q.

Page 268

- 1 copy of the response the company provided?
- 2 A. It is an accurate response to the --
- 3 or copy of the response the company provided.
- 4 MR. POSTON: Your Honor, I move to
- 5 have Exhibit 208 entered.
- JUDGE JORDAN: Hearing no objection,
- 7 Exhibit 208 will be received into the record.
- 8 (OPC EXHIBIT NO. 208 WAS RECEIVED
- 9 INTO EVIDENCE.)
- 10 BY MR. POSTON:
- 11 Q. Okay. And the last one, which has
- been marked as Exhibit 209, Data Request No. 18,
- 13 we've asked the company to provide a breakdown by
- 14 division by customer class of the size and kind of
- 15 meters serving the customer class; is that correct?
- 16 A. Yes.
- 17 Q. And the response was provided by Dave
- 18 Moody?
- 19 A. Yes.
- Q. And do you believe this is an
- 21 accurate copy of the company's response to OPC's
- 22 data request?
- 23 A. Yes.
- 24 Q. And if you turn towards the back of
- 25 what I've given you, there is a series of

Page 269

- 1 additional DRs that all refer back to this DR 18;
- 2 is that correct? In fact, it's DR 19, 20, 21, 22,
- 3 23 and 24; is that accurate?
- 4 A. Yes.
- 5 MR. POSTON: Your Honor, I move to
- 6 have Exhibit 209 entered.
- JUDGE JORDAN: Hearing no objection,
- 8 Exhibit 209 is entered into the record.
- 9 (OPC EXHIBIT NO. 209 WAS RECEIVED
- 10 INTO EVIDENCE.)
- 11 MR. POSTON: That's all I have.
- 12 Thank you.
- 13 JUDGE JORDAN: Cross-examination from
- 14 Staff?
- MR. BORGMEYER: Staff has no
- 16 questions, your Honor.
- 17 JUDGE JORDAN: Questions from the
- 18 Bench for this witness?
- 19 CHAIRMAN KENNEY: No questions.
- 20 Thanks for being here, sir?
- 21 COMMISSIONER STOLL: I have no
- 22 questions either. Thank you.
- 23 COMMISSIONER W. KENNEY: Thank you.
- JUDGE JORDAN: Then we'll need no
- 25 recross, no redirect.

Page 270 1 MR. COOPER: We will need to 2 redirect. 3 JUDGE JORDAN: I'm sorry. We do need 4 redirect. 5 MR. COOPER: At least briefly. 6 JUDGE JORDAN: Thank you. 7 REDIRECT EXAMINATION BY MR. COOPER: 8 Q. Mr. Johnston, Mr. Jarrett asked you 9 about a portion of Michelle Moorman's testimony 10 where she indicated that the company was seeking 11 less than its full revenue requirement. Do you 12 remember that? 13 Α. Yes. 14 Q. Was that approach to the revenue 15 requirement request later replaced with the Account 105 transfer methodology that's reflected 16 17 in later testimony? Α. 18 Yes. 19 Q. Also in response to Mr. Jarrett's 20 questions, I think you talked a little bit about 21 the process of repatriating plant that's in plant 22 held for future use over time. Do you remember 23 that? 24 A. Yes. 25 And I think you -- you maybe made the Q.

Page 271

- 1 mention that that would happen as growth occurs; is
- 2 that correct?
- 3 A. That's correct.
- 4 Q. Would that -- as that plant is
- 5 repatriated along with growth, would that
- 6 necessarily mean a rate increase?
- 7 A. No.
- 8 Q. Why is that?
- 9 A. Because there would be additional
- 10 customers, obviously, that would be added, which is
- 11 the growth in the system usage, which would justify
- 12 moving the amounts back from 105 into utility plant
- 13 in service.
- 14 Q. In response to -- well, let me back
- 15 **up**.
- 16 Mr. Poston asked you some questions
- 17 about whether there were some communities not
- 18 included in the 1.7 million throughput figure,
- 19 correct?
- 20 A. Yes.
- 21 Q. Are there also communities included
- 22 in that \$1.7 million figure for which no system was
- 23 ever constructed?
- 24 A. There were. There were at least
- 25 three that I recall immediately. The communities

Page 272

- 1 of Mountain View, Houston and Licking were included
- 2 in the original numbers and not ever built.
- 3 Q. Were you involved in that 1994 case
- 4 from which a portion of the transcript was
- 5 discussed?
- 6 A. No.
- 7 Q. One of the exhibits was a packet
- 8 containing many feasibility studies. Do you have
- 9 that? I guess that's Exhibit 207HC, correct?
- 10 A. Yes.
- 11 Q. Were you involved in all of those
- 12 feasibility studies?
- 13 A. I believe so.
- 14 Q. Take a look at the ones listed --
- 15 well, okay. I understand. Because those are all
- 16 feasibility studies for either Summit Natural Gas
- or its predecessor Missouri Gas Utility, correct?
- 18 A. Yes. And I probably need to modify
- 19 my answer. I apologize. As I look down through
- 20 here, the original Branson feasibility study I was
- 21 not involved in. That was the predecessor company,
- 22 Southern Missouri Natural Gas. And the Lebanon
- 23 feasibility study I was also not involved in.
- Q. Exhibit 208 asks a question about
- 25 Case GA-2010-0189. Do you know what communities

Page 273

- were involved in that certificate case by chance?
- 2 A. If you'll give me a moment, I'll look
- 3 it up in the other packet. My apologies, your
- 4 Honor. These are not particularly well marked as
- 5 far as which pages are which in the merger package.
- 6 Mr. Cooper, I apologize. I don't
- 7 believe I'm going to be able to do what I said I
- 8 was going to do. The information contained in the
- 9 other exhibit is done by the name of the system we
- 10 were considering and not by the -- not by the case
- 11 number.
- 12 Q. If I were to tell you that the title
- 13 of that case or the caption of that case says that
- 14 it concerns Greene, Polk and Dallas Counties, would
- 15 that refresh your memory as to what that would be
- 16 about?
- 17 A. I believe that would be the one about
- 18 Buffalo and Bolivar then.
- 19 Q. And was there ever any construction
- in regard to that Buffalo and Bolivar project?
- 21 A. There was not.
- MR. COOPER: That's all the questions
- 23 I have, your Honor.
- JUDGE JORDAN: Very good. Sorry.
- 25 Didn't mean to take away your redirect. You may be

Page 274 excused. 1 2 THE WITNESS: Thank you very much. 3 MR. COOPER: Your Honor, at this time we would call Mr. Tyson Porter. 4 5 (Witness sworn.) TYSON PORTER testified as follows: 6 7 DIRECT EXAMINATION BY MR. COOPER: 8 Q. Please state your name. Α. Tyson Porter. 10 Q. By whom are you employed and in what 11 capacity? 12 Summit Utilities, Inc., as a regulatory accountant. 13 14 Q. Have you caused to be prepared for 15 the purposes of this proceeding certain direct, 16 rebuttal and surrebuttal testimony in question and answer form? 17 Α. Yes. 18 19 Is it your understanding that that Q. 20 testimony has been marked as Exhibits 13, 14NP and 21 HC, and 15 for identification? 22 Α. Yes. 23 Q. Do you have a number that you would 24 like to correct at this time in that testimony? 25 I do. Α.

Page 275

- 1 Q. Where is that number?
- 2 A. It's in my surrebuttal testimony,
- 3 page 7, line 15, and the correction, I want to
- 4 change the number of 1,888,994 MCF to 1,869,737.
- 5 Q. Are there any other corrections that
- 6 you need to make or changes you need to make?
- 7 A. No.
- 8 Q. If I were to ask you the questions
- 9 which are contained in Exhibits 13, 14NP and 14HC
- 10 and 15 today, would your answers as now amended be
- 11 the same?
- 12 A. Yes.
- 13 Q. Are those answers true and correct to
- 14 the best of your information, knowledge and belief?
- 15 A. Yes.
- MR. COOPER: Your Honor, I would
- 17 offer Exhibits 13, 14NP, 14HC and 15 into evidence,
- 18 and tender Mr. Porter for cross-examination.
- JUDGE JORDAN: Hearing no objection,
- 20 those exhibits are entered in the record.
- 21 (SUMMIT EXHIBIT NOS. 13, 14NP, 14HC
- 22 AND 15 WERE WAS RECEIVED INTO EVIDENCE.)
- 23 JUDGE JORDAN: Cross-examination from
- 24 Missouri Propane Gas Association?
- MR. JARRETT: No questions, Judge.

Page 276

- 1 JUDGE JORDAN: Cross-examination from
- 2 Missouri School Boards Association? I see none.
- 3 Office of the Public Counsel, cross-examination?
- 4 MR. POSTON: Yes. Thank you.
- 5 CROSS-EXAMINATION BY MR. POSTON:
- 6 Q. Mr. Johnston just testified that, in
- 7 regards to an earlier CCN case, that the company
- 8 did not build out to Houston and Licking. Do you
- 9 recall that?
- 10 A. I do.
- 11 Q. But since that time, the company has
- 12 built out to those areas; is that correct?
- 13 A. That is not correct.
- 14 Q. Is your tariff currently -- you're
- 15 currently certified to serve those areas; is that
- 16 correct?
- 17 A. I don't know.
- 18 Q. Do you have a copy of your proposed
- 19 tariff with you?
- 20 A. I do not.
- Q. Look at that (indicating). Is what I
- 22 provided you, is that a copy of your proposed
- 23 tariff in this case?
- A. I believe so.
- 25 Q. And what page have I drawn your

Page 277

- 1 attention to there?
- 2 A. It's Sheet No. 4G.
- 3 Q. And does that show that Houston and
- 4 Licking, the company does provide service to
- 5 Houston and Licking, or at least they're certified
- 6 to?
- 7 A. It appears they're certified to, but
- 8 they do not provide -- there is no pipe in the
- 9 ground serving those communities.
- 10 Q. Okay. And do you recall answering
- 11 several OPC data requests?
- 12 A. I do.
- MR. POSTON: I've got two more
- 14 exhibits. 210, your Honor, if I could have the
- 15 exhibit that's Data Request 1101 marked as
- 16 Exhibit 210, and then Data Request 1104 marked as
- 17 Exhibit 211.
- 18 (OPC EXHIBIT NOS. 210 AND 211 WERE
- 19 MARKED FOR IDENTIFICATION BY THE REPORTER.)
- JUDGE JORDAN: Hang on a second.
- 21 So 210 will be Data Request what number?
- 22 MR. POSTON: 1101.
- JUDGE JORDAN: 1101. I don't have
- 24 any 1101 here at the bench. We'll sort it out.
- 25 Data Request 1101 will be Exhibit No. 210, and 211

Page 278

- 1 will be Data Request 1104. Proceed.
- 2 BY MR. POSTON:
- 3 Q. Would you agree that what I've handed
- 4 you are two answers that you provided to OPC Data
- 5 Request Nos. 1101 and 1104?
- 6 A. Yes.
- 7 Q. And 1101 asks you a series of
- 8 questions regarding the Stipulation & Agreement in
- 9 Case GA-94-127 and current numbers such as customer
- 10 numbers, MCF sales, test year expense, plant in
- 11 service; is that correct?
- 12 A. That is correct.
- 13 Q. And is this the answer you provided?
- 14 A. Yes.
- 15 Q. And DR 1104 asks you nearly identical
- 16 questions regarding the Report and Order issued in
- 17 GA-2007-0212; is that correct?
- 18 A. That is correct.
- 19 Q. Is this the answer you provided?
- 20 A. Yes.
- MR. POSTON: Your Honor, I move to
- 22 have Exhibits 210 and 211 entered into the record.
- JUDGE JORDAN: Not hearing any
- 24 objection, Exhibits No. 210 and 211 are entered
- 25 into the record.

	Pag	ge 279
1	(OPC EXHIBIT NOS. 210 AND 211 WERE	
2	RECEIVED INTO EVIDENCE.)	
3	MR. POSTON: Thank you. That's all I	
4	have.	
5	JUDGE JORDAN: Cross-examination from	
6	Staff?	
7	MR. BORGMEYER: No questions from	
8	Staff, your Honor.	
9	JUDGE JORDAN: Questions from the	
10	Bench for this witness?	
11	COMMISSIONER W. KENNEY: No	
12	questions.	
13	CHAIRMAN KENNEY: Thank you,	
14	Mr. Porter.	
15	JUDGE JORDAN: In that case, we will	
16	need no recross, but we may have redirect.	
17	MR. COOPER: Thank you, your Honor.	
18	REDIRECT EXAMINATION BY MR. COOPER:	
19	Q. Mr. Poston asked you about Houston	
20	and Licking, correct?	
21	A. That is correct.	
22	Q. And I believe you indicated that the	
23	company had no plant in Houston or Licking?	
24	A. That is correct.	
25	Q. And has to your knowledge, has the	

Page 280

- 1 company ever served anyone in Houston or Licking?
- 2 A. No.
- 3 O. How about would that also be true for
- 4 Mountain View?
- 5 A. That is correct for Mountain View as
- 6 well.
- 7 Q. How about Buffalo and Bolivar?
- 8 A. That is correct for Buffalo and
- 9 Bolivar.
- 10 Q. So although those communities are
- 11 listed on, actually, I think in the case of
- 12 Houston, Licking and Mountain View, more than one
- 13 certificate case, no service has ever been provided
- 14 or construction performed in those areas?
- 15 A. That is correct.
- MR. COOPER: No further questions,
- 17 your Honor.
- 18 JUDGE JORDAN: Thank you. You may
- 19 stand down. We're ready for Staff's case in chief
- 20 on this issue, and I understand that in the course
- 21 of this presentation, we will be taking witnesses
- 22 McMellen and Jenkins.
- MR. BORGMEYER: Staff calls Amanda
- 24 McMellen.
- 25 (Witness sworn.)

Page 281 AMANDA McMELLEN testified as follows: 2 DIRECT EXAMINATION BY MR. BORGMEYER: 3 Q. Good morning. A. Good morning. 4 5 Will you please state your name for Q. the record. 7 A. It's Amanda C. McMellen, M-c-M-e-1-1-e-n. 8 **Q**. And by whom are you employed? 10 A. Missouri Public Service Commission. 11 Are you the same Amanda McMellen who Q. 12 prepared or caused to be prepared direct testimony marked as Staff's Exhibit 102? 13 14 A. Yes. Portions of the Staff Cost of Service 15 Q. Report HC and NP marked as Staff Exhibit 103 and 16 17 104? 18 A. Yes. 19 Q. Staff Accounting Schedules marked as Staff Exhibit 106? 20 21 A. Yes. 22 Q. Rebuttal testimony marked as Staff 23 Exhibit 117? 24 A. Yes. 25 Surrebuttal testimony marked as Staff Q.

Page 282 Exhibit 128? 2 A. Yes. 3 Q. And did you prepare or cause to be prepared the Reconciliation marked as Staff 4 Exhibit 133? 5 A. Yes, I did. 7 Q. And the final Staff Reconciliation 8 marked as Staff Exhibit 134? A. Yes, I did. 10 Q. And also the final Staff Accounting 11 Schedules marked as Staff Exhibit 135, 136, 137 12 and 138? A. Yes, I did. 13 14 Q. And do you have any corrections to those exhibits at this time? 15 16 A. I have two corrections to my 17 surrebuttal testimony. 18 Q. Okay. 19 A. In my surrebuttal testimony, page 7, 20 line 2, I need to correct the number 1,888,994 to 21 1,869,737. 22 Q. Could you say that again, please? 1,869,737. 1,869,737. Correct. 23 Α. 24 Q. And what's the --25 And then the second one, I need to Α.

Page 283

- 1 replace my Schedule ACM-1 with the Appendix E from
- 2 the Partial Stipulation & Agreement.
- 3 Q. And that's ACM-1 to your surrebuttal
- 4 testimony?
- 5 A. Correct.
- 6 Q. And do you have any other corrections
- 7 at this time?
- 8 A. No, I do not.
- 9 Q. If I asked you today the same
- 10 questions that are in your prefiled testimony,
- would your answers be the same?
- 12 A. Yes, they would.
- 13 O. And would those answers be true and
- 14 correct to the best of your knowledge and belief?
- 15 A. Yes, they would.
- 16 MR. BORGMEYER: Your Honor, at this
- 17 time Staff would move to admit Staff Exhibit 102,
- 18 Staff Exhibit 106, Staff Exhibit 117, 128, 133,
- 19 134, 135, 136, 137 and 138.
- JUDGE JORDAN: Not hearing any
- 21 objections to those exhibits, they will be admitted
- 22 into the record.
- 23 (STAFF EXHIBIT NOS. 102, 106, 117,
- 24 128, 133, 134, 135, 136, 137 AND 138 WERE RECEIVED
- 25 INTO EVIDENCE.)

Page 284 1 MR. BORGMEYER: I tender this witness 2 for cross. 3 JUDGE JORDAN: Cross-examination from the Office of the Public Counsel? 4 5 MR. POSTON: Yes. Thank you. Just a few. 7 CROSS-EXAMINATION BY MR. POSTON: 8 Q. Good morning, Ms. McMellen. Α. Good morning, Mr. Poston. 10 Could you just briefly explain the Q. 11 capacity adjustment that you made to mains for 12 Branson and Warsaw? 13 It was removing the excess capacity based on factors that I received from our 14 15 procurement analysis department and applied those 16 to the mains -- main assets in Warsaw and Branson. 17 Q. And why did you make that adjustment? 18 Α. Because of the excess capacity on 19 that system for Branson and Warsaw. 20 Q. And did you make any similar 21 adjustments for corporate costs? 22 No, I did not. Α. 23 Q. Did you make any similar adjustments 24 for operations and maintenance expenses? 25 No, I did not. Α.

Page 285 MR. POSTON: Thank you. That's all I 1 2 have. 3 JUDGE JORDAN: Cross-examination from Missouri School Boards Association? Not seeing 4 5 any. From Missouri Public -- Missouri Propane Gas Association? 7 MR. JARRETT: No questions. JUDGE JORDAN: And from the 8 Applicant? 10 MR. COOPER: No questions. 11 JUDGE JORDAN: Questions from the 12 Bench? 13 CHAIRMAN KENNEY: No, thank you. 14 COMMISSIONER W. KENNEY: No, thank 15 you. 16 JUDGE JORDAN: Any redirect? 17 REDIRECT EXAMINATION BY MR. BORGMEYER: Q. Ms. McMellen, one brief redirect 18 19 question. 20 A. Okay. 21 Do you think that there would be 22 reductions to corporate costs and O&M costs if the 23 pipe had been installed at a smaller size? 24 A. Yes. 25 MR. BORGMEYER: No further questions.

Page 286 1 JUDGE JORDAN: Very good. Thank you. 2 You may stand down. 3 MR. BORGMEYER: Staff calls Lesa 4 Jenkins. 5 (Witness sworn.) LESA JENKINS testified as follows: 6 7 DIRECT EXAMINATION BY MR. BORGMEYER: 8 Q. Ms. Jenkins, will you please state your name for the record. 10 A. Lesa Jenkins. 11 By whom are you employed? Q. 12 A. Missouri Public Service Commission, for Staff. 13 14 Q. Are you the same Lesa Jenkins who prepared or caused to be prepared portions of the 15 Staff Class Cost of Service Report marked as Staff 16 Exhibit 108? 17 18 A. Yes. 19 Rebuttal testimony HC and NP marked Q. as Staff Exhibits 113 and 114? 20 21 Α. Yes. 22 Q. And surrebuttal testimony marked as 23 Staff Exhibit 126? 24 A. Yes. 25 And do you have any corrections to Q.

Page 287 any of those exhibits? 2 A. No. 3 Q. Are those documents true and correct to the best of your knowledge and belief? A. Yes. 5 6 Q. If I asked you the same questions 7 today, would your answers be the same? Yes. 8 Α. MR. BORGMEYER: Staff moves to admit 9 Staff Exhibits 113, 114 and 126 into the record. 10 JUDGE JORDAN: Counsel, you mentioned 11 12 NP and HC versions for one of those exhibits? MR. BORGMEYER: Yes, for -- for 13 rebuttal testimony, Exhibits 113 and 114. 14 15 JUDGE JORDAN: Thank you. I'm not hearing any objections to those exhibits, so they 16 17 will be entered into the record. (STAFF EXHIBIT NOS. 113, 114 AND 126 18 19 WERE RECEIVED INTO EVIDENCE.) 20 MR. BORGMEYER: Staff tenders this 21 witness for cross. 22 JUDGE JORDAN: Cross-examination from 23 OPC? 24 MR. POSTON: No questions. Thank 25 you.

		Page 288
1	JUDGE JORDAN: I see none from	
2	Missouri School Boards Missouri. From Missouri	
3	Propane Gas Association?	
4	MR. JARRETT: No questions.	
5	JUDGE JORDAN: Cross-examination from	
6	Summit?	
7	MR. COOPER: No, thank you.	
8	JUDGE JORDAN: Questions from the	
9	Bench for this witness?	
10	CHAIRMAN KENNEY: No questions.	
11	Thank you.	
12	JUDGE JORDAN: Then you may stand	
13	down. We're ready for the Office of Public	
14	Counsel's case. Witness Roth has been excused.	
15	MR. POSTON: Thank you. Call Barb	
16	Meisenheimer.	
17	(Witness sworn.)	
18	BARBARA MEISENHEIMER testified as follows:	
19	DIRECT EXAMINATION BY MR. POSTON:	
20	Q. Please state your name for the	
21	record.	
22	A. My name is	
23	JUDGE JORDAN: Microphone, please.	
24	Sorry to interrupt. Counsel is a bid soft-spoken.	
25	THE WITNESS: My name is Barbara	

Page 289

- 1 Meisenheimer.
- 2 BY MR. POSTON:
- 3 Q. Are you the same Barbara Meisenheimer
- 4 that caused to be prepared and filed rebuttal and
- 5 surrebuttal testimony in this case that's been
- 6 marked as Exhibit Nos. 202 and 203?
- 7 A. Yes, I am.
- 8 Q. And do you have any changes or
- 9 corrections to your testimony?
- 10 A. I do have some corrections. I have a
- 11 correction on page 7 of rebuttal testimony,
- 12 line 16, it's Jamesport, not Jamestown. I have a
- 13 correction on page 15.
- Q. Of rebuttal as well?
- 15 A. Of the rebuttal as well, yes. On
- 16 line 14, the case number should -- on that line
- 17 should be GA-94-127. In addition, there was a case
- 18 GA-95-349 which included Rogersville, Fordland,
- 19 Diggins, Norwood and Seymour.
- On page 57, line 16, near the middle,
- 21 I need to change the word using to year.
- 22 With respect to surrebuttal, I had
- 23 filed schedules in my testimony, and they were
- 24 based on an original stipulated level of billing
- 25 units, customers and volumes that the parties had

Page 290

- 1 agreed to. Since that time, there's been a
- 2 correction or a -- I shouldn't say really a
- 3 correction, but a modification so that the billing
- 4 units are consistent with the way that the rates
- 5 appear in the tariff.
- And so I have made an adjustment to
- 7 my tables for the two districts affected and to my
- 8 schedule, all that were in surrebuttal. It's not a
- 9 big change. It doesn't change the conclusions in
- 10 my testimony, but I wanted it to be consistent with
- 11 the updated billing units that I think are now
- 12 agreed to by the parties.
- MR. POSTON: And, Judge, we have
- 14 copies of those updates, and she can point to
- 15 what's been changed.
- 16 JUDGE JORDAN: Okay. And why don't
- 17 we have that marked as an exhibit?
- 18 MR. POSTON: Okay. There's actually
- 19 two sheets. Where are we?
- JUDGE JORDAN: We'll be 212 and 213.
- 21 212 will be Updated Schedule 1-HC of Barbara
- 22 Meisenheimer. And Exhibit 213 in the lower
- 23 right-hand corner states simply, Updated
- 24 Schedule 1-HC reflects current billing units agreed
- 25 to by the parties.

Page 291

- 1 (OPC EXHIBIT NOS. 212 AND 213 WERE
- 2 MARKED FOR IDENTIFICATION BY THE REPORTER.)
- 3 BY MR. POSTON:
- 4 Q. So we've had exhibits marked as 212
- 5 and 213. Could you just explain what has changed
- 6 from your surrebuttal, or no, from -- yeah, your
- 7 surrebuttal?
- 8 A. The parties I think have reached
- 9 agreement on the billing units for purposes of
- 10 calculating current pro forma revenue, and so the
- 11 only replacements that I made in the schedule were
- 12 to the current case volumes to reflect a change in
- 13 the transport volumes in terms of how they appear
- 14 in the stipulation that was entered into by the
- 15 parties.
- So these -- the only change that I
- 17 made was to transport volumes in two districts,
- 18 Rogersville and Branson.
- 19 Q. I'm sorry. Are you --
- 20 A. Yeah. I'll add something else. And
- 21 I just want to be clear that the stipulation so far
- 22 is only to current billing units. They haven't yet
- 23 signed onto my projected numbers.
- Q. And with -- do you have any more
- 25 changes or corrections to your testimony?

Page 292

- 1 A. No.
- 2 Q. And with all of these corrections
- 3 that you've made, is your testimony true and
- 4 correct to the best of your knowledge?
- 5 A. Yes.
- 6 MR. POSTON: Your Honor, I offer
- 7 Exhibits 202, 203, 212 and 213 into the record.
- JUDGE JORDAN: Not hearing any
- 9 objections, those exhibits will be entered into the
- 10 record.
- 11 (OPC EXHIBIT NOS. 202, 203, 212 AND
- 12 213 WERE RECEIVED INTO EVIDENCE.)
- 13 MR. POSTON: And tender this witness
- 14 for cross-examination.
- JUDGE JORDAN: Cross-examination from
- 16 Staff?
- MR. BORGMEYER: Thank you.
- 18 CROSS-EXAMINATION BY MR. BORGMEYER:
- 19 Q. Good morning, Ms. Meisenheimer.
- A. Good morning.
- 21 Q. If the Commission set rates in this
- 22 case based on your testimony, would those rates be
- 23 based on the company's current cost of service?
- A. They would be based on the last cost
- of service approved by the Commission, the last

Page 293

- 1 revenue requirement approved by the Commission.
- Q. Would they be based on the company's
- 3 current cost of service in this case?
- 4 A. I'm not sure. I would say no, I
- 5 don't think that they would. So let me change
- 6 that. Let me say no, I don't think that they would
- 7 be.
- 8 MR. BORGMEYER: Okay. Thank you. No
- 9 further questions.
- 10 JUDGE JORDAN: I see nothing from
- 11 Missouri School Boards Association. Missouri
- 12 Propane Gas Association?
- MR. JARRETT: No questions.
- 14 JUDGE JORDAN: Ouestions from the
- 15 Applicant.
- MR. COOPER: Yes, your Honor, and I
- 17 need to mark an exhibit. I believe this will be
- 18 Exhibit 21.
- JUDGE JORDAN: Yes.
- 20 MR. COOPER: And it can be identified
- 21 as OPC Response to DR 1.
- 22 (SUMMIT EXHIBIT NO. 21 WAS MARKED FOR
- 23 IDENTIFICATION BY THE REPORTER.)
- 24 CROSS-EXAMINATION BY MR. COOPER:
- Q. Ms. Meisenheimer, do you have before

Page 294

- 1 you what has been marked as Exhibit 21 for
- 2 identification?
- 3 A. Yes.
- 4 Q. Do you recognize that?
- A. Yes, I do.
- 6 Q. What is that?
- 7 A. It's a data request that I received
- 8 and responded to.
- 9 Q. In that data request response --
- 10 well, actually, in the question there's a reference
- 11 to HC BAM Summit Case Work Papers HC. Do you see
- 12 that? In the question.
- 13 A. In the question, yes. Sorry. I was
- 14 looking in the response. Okay.
- 15 Q. So you see that reference?
- 16 A. Yes, I do.
- 17 Q. Is HC BAM Summit Case Work Papers HC,
- 18 is that the name for the work papers that you used
- 19 to calculate your projected numbers contained in
- 20 your testimony?
- 21 A. In direct testimony, yes.
- 22 Q. And in your response, I believe you
- 23 indicate that there are projections for Licking,
- 24 Houston, Mountain View, Buffalo and Bolivar in your
- 25 projections, correct?

Page 295

- 1 A. Yes.
- 2 MR. COOPER: That's all the questions
- 3 I have. Thank you.
- 4 JUDGE JORDAN: Questions from the
- 5 Bench for this witness?
- 6 CHAIRMAN KENNEY: No questions.
- 7 Thank you.
- JUDGE JORDAN: I have no questions
- 9 for you. Then we can move on to redirect.
- 10 REDIRECT EXAMINATION BY MR. POSTON:
- 11 Q. Staff asked you whether the -- if
- 12 your, I guess your numbers included the current
- 13 cost of service study; is that correct? Did I get
- 14 that right?
- 15 A. They asked me if my -- if adopting
- 16 the recommendation in my testimony would create
- 17 rates based on the cost of service.
- 18 Q. Okay. And you -- and your response
- 19 was?
- 20 A. Originally I said maybe, and then I
- 21 changed it to no, and I think I was a little
- 22 confused at that point. I think maybe is a better
- 23 answer. The --
- Q. Can you explain why? Just explain
- 25 **why**.

Page 296

- 1 A. The -- in this case, Public Counsel
- 2 has proposed the amount that -- I've proposed a
- 3 method for reviewing and trying to identify what
- 4 portion of the proposed cost that the company's
- 5 brought forward and requested an increase to
- 6 provide for, what portion of that should reasonably
- 7 be offset to reflect that this company has not met
- 8 either the customer projections or the volume
- 9 projections that it's met in this case.
- 10 So in terms of what specifically are
- 11 the costs of service for this company, what is the
- 12 true cost of service, I don't think it's available
- 13 to you in this case in terms of what is fair to
- 14 recover from customers currently.
- 15 And that -- therein lied my confusion
- 16 in initially responding. And I'll leave my answer
- 17 at that, unless I get additional questions on that.
- 18 Q. The company asked you questions about
- 19 different communities that you had included in your
- analysis, including Licking, Houston, Mountain
- 21 View. I believe you also mentioned Bolivar and
- 22 Buffalo. Can you explain why you included those?
- 23 A. Over the course of this company's
- 24 history, they've come in and requested
- 25 certification in numerous areas. The systems

Page 297

- 1 primarily began as two -- they began as two
- 2 separate companies. There was the original MGU
- 3 that began in the Gallatin area. I think it was
- 4 Hamilton and Gallatin were the communities that
- 5 they originally came in to serve in that area.
- The Southern Missouri Natural Gas
- 7 system that I guess originally was Tartan owned,
- 8 that system was developed in piece parts over a
- 9 number of certification cases.
- 10 And so these areas of Licking,
- 11 Houston and Mountain View they had requested in
- 12 their original application, I think in '94. They
- 13 later came back and asked for Licking and Houston
- 14 again. And those communities were included in the
- 15 original agreement between the parties to impute a
- 16 volume level of 1.7 million MCF. That was
- 17 something that all the parties agreed to, the
- 18 Commission approved.
- 19 And so that is why I have an amount
- 20 that reflects them in my studies. What I did is I
- 21 started with the earliest case related to each
- 22 service area that they provided to, and then
- 23 included incremental projected growth as they went
- 24 along in developing their systems.
- 25 So that is why I have some measure of

Page 298

- 1 growth or some measure of customer volumes and
- 2 customer counts for Licking, Houston and Mountain
- 3 View is those came from the original stipulated
- 4 amounts.
- 5 Buffalo and Bolivar, the company came
- 6 in and requested a certification to provide in
- 7 those areas. I did include those in my -- in my
- 8 customer counts. Those communities are identified
- 9 in the MGU tariff as part of the Southern system
- 10 for the old MGU tariff. I was not and am still not
- 11 aware that they came in and said that they didn't
- 12 intend to utilize the certificate that they
- 13 obtained.
- 14 In response to data requests, we got
- 15 a response from them that was not clear that there
- 16 had been no cost involved in considering offering
- 17 that area.
- 18 MR. POSTON: That's all I have.
- 19 JUDGE JORDAN: The Commission needs
- 20 some clarification on one of those answers.
- 21 QUESTIONS BY COMMISSIONER W. KENNEY:
- 22 Q. Thank you very much,
- 23 Ms. Meisenheimer. It's just something you said
- 24 brought up a question I'd asked your counsel.
- 25 Because the company's asking for 8.2 million,

Page 299

- 1 Staff's recommending 5.1, and OPC is recommending
- 2 zero, not up, not down. So is it -- I'm just
- 3 trying to understand. Do you believe that their
- 4 cost of service has remained neutral since their
- 5 last rate case?
- 6 A. I think it is their burden to show
- 7 what their cost of service is, and I think because
- 8 they --
- 9 Q. That's not what I asked you. Is it
- 10 your -- do you believe that they've remained
- 11 neutral, no up -- that the cost of service is
- 12 identical to what it was?
- 13 A. I don't believe there's a showing
- 14 they should collect more from their customers at
- 15 this point.
- 16 Q. So their cost of service is neutral?
- 17 JUDGE JORDAN: Please answer the
- 18 question.
- 19 BY COMMISSIONER W. KENNEY:
- Q. I'm just asking if you don't think
- 21 **their** --
- 22 A. I don't know.
- 23 Q. -- revenue requirement's stayed the
- 24 same. You don't know?
- A. I don't know.

1	Page 300 COMMISSIONER W. KENNEY: Okay. Thank
2	you.
3	JUDGE JORDAN: Thank you.
4	THE WITNESS: Sorry.
5	JUDGE JORDAN: Did that generate the
6	need for any recross? How about redirect?
7	MR. POSTON: No questions.
8	MR. COOPER: Your Honor, I'm only
9	leaning forward because when we finish with
10	questioning, I want to go ahead and offer into
11	evidence Exhibit 21 if I did not do that.
12	JUDGE JORDAN: Let me check. You may
13	stand down. I do not have that marked as having
14	been received.
15	MR. COOPER: I would like to offer it
16	at this time.
17	JUDGE JORDAN: And I'm not hearing
18	any objection, so I will receive that exhibit into
19	evidence.
20	(SUMMIT EXHIBIT NO. 21 WAS RECEIVED
21	INTO EVIDENCE.)
22	JUDGE JORDAN: Missouri Propane Gas
23	Association.
24	(Witness sworn.)
25	BRIAN BROOKS testified as follows:

Page 301

- 1 DIRECT EXAMINATION BY MR. JARRETT:
- 2 Q. Good morning. Would you please state
- 3 your name and business address.
- 4 A. Brian Brooks, 209 South Clay,
- 5 Marshfield, Missouri 65706.
- 6 Q. And for whom do you work?
- 7 A. Brooks Gas Company.
- 8 Q. What is your position?
- 9 A. I'm the hearth products manager.
- 10 Q. Did you prepare prefiled rebuttal
- 11 testimony in this case that has been prefiled and
- 12 premarked as Exhibits 600 and 601?
- 13 A. I have.
- 14 Q. 600 is the NP version and 601 is the
- 15 HC version; is that correct?
- 16 A. Yes.
- 17 Q. Do you have any corrections to those
- 18 testimonies?
- 19 A. No.
- Q. If I were to ask you the same
- 21 questions in those testimonies today, would your
- 22 answers be the same?
- 23 A. Yes.
- MR. JARRETT: Judge, I would offer
- 25 Exhibits 600 and 601HC, and tender the witness for

Page 302 cross-examination. 1 JUDGE JORDAN: That's 600 and 601HC; 3 is that correct? 601HC and 600? 4 MR. JARRETT: That's correct. 5 JUDGE JORDAN: Thank you. I'm not 6 hearing any objections, so those exhibits will be 7 admitted into the record. (MPGA EXHIBIT NOS. 600 AND 601 HC 8 9 WERE RECEIVED INTO EVIDENCE.) 10 JUDGE JORDAN: And cross-examination from Staff? 11 12 MR. BORGMEYER: No questions from 13 Staff, your Honor. 14 JUDGE JORDAN: Office of Public 15 Counsel? 16 MR. POSTON: No questions. Thank 17 you. 18 JUDGE JORDAN: Nothing from Missouri 19 School Boards Association. Applicant Summit? 20 MR. COOPER: Very briefly. 21 CROSS-EXAMINATION BY MR. COOPER: 22 Q. During your counsel's opening 23 statement yesterday, he, I believe, indicated that 24 Propane Gas Association members competed with 25 Summit Natural Gas of Missouri for customers in all

Page 303

- 1 of its divisions. Would you agree with that?
- 2 A. Yes.
- 3 MR. COOPER: That's all the questions
- 4 I have.
- 5 JUDGE JORDAN: Questions from the
- 6 Bench for this witness?
- 7 CHAIRMAN KENNEY: No questions.
- JUDGE JORDAN: Very good. I have no
- 9 questions for you. So we will go to redirect.
- MR. JARRETT: No questions.
- JUDGE JORDAN: Thank you. You may
- 12 stand down.
- 13 THE WITNESS: Thank you.
- JUDGE JORDAN: We're ready for
- 15 evidence and argument on the issue of miscellaneous
- 16 tariff issues, promotional practices and conversion
- 17 issues, commodity flex rate. First opening
- 18 statement on this will be from Summit Natural Gas.
- MS. CARTER: There are four questions
- 20 before the Commission under the heading
- 21 miscellaneous tariff issues. The first three
- 22 questions relate to a conversion program. And the
- 23 company's testimony supports the continuation of
- 24 this service, but with the actual cost of each
- 25 conversion being paid by the customer receiving

Page 304 that service. 1 2 The company wants to continue 3 offering the service, which is an in-home conversion, but with no component being free. 4 5 believe there was some confusion in that the program was previously titled a free conversion 6 7 program, but the proposal in this case is for the actual cost of the conversion to be paid by the 8 customer receiving that service. 10 The fourth question under miscellaneous tariffs is whether the Commission 11 12 should approve the company's proposal to modify its commodity flex provision. The commodity flex 13 provision only applies to contract commercial 14 15 service customers, large general service, large volume service and transport customers. 16 17 The proposed changes are non-substantive in nature and are necessary to make 18 the tariffs consistent among the rate classes and 19 20 among the service areas. There's no new proposal 21 in this case, just minor changes for consistency purposes. It's only the variable portion of the 22 rate that's impacted by this flex provision, not 23 24 the customer charge and not the PGA. 25 Also, there is a benefit to

Page 305

- 1 ratepayers by allowing the company to have this
- 2 flexibility in a tariff provision so that they can
- 3 keep those large customers on the -- excuse me --
- 4 receiving service from Summit instead of leaving
- 5 these -- instead of leaving the system.
- And Ms. Wankum will be testifying on
- 7 behalf of the company on all four of those
- 8 questions.
- 9 JUDGE JORDAN: Any questions for
- 10 counsel on that opening statement? Thank you,
- 11 counselor. Opening statement of OPC.
- MR. POSTON: May it please the
- 13 Commission?
- We initially opposed the free
- 15 conversion program, and I would agree there may be
- 16 some misunderstanding on this issue, what
- 17 Ms. Carter just said about there being no -- that
- 18 the customer would pay the full cost of conversion.
- 19 We may not have an issue with this one. I intend
- 20 to ask Ms. Wankum some questions about that just to
- 21 clarify.
- 22 On the other issue of the commodity
- 23 charge flex provision, Ms. Meisenheimer has
- 24 testified on this, our concern about giving the
- 25 company the ability to charge one customer a

Page 306

- 1 different rate than another customer for both -- in
- 2 a similar situation. An example Ms. Meisenheimer
- 3 provided in her testimony was a customer using
- 4 3,000 CCF per year, one could be charged a 25 cent
- 5 commodity rate and the other a dollar commodity
- 6 rate. We're just concerned that that could lead to
- 7 some form of discrimination.
- And with that, I will -- again, we've
- 9 got Ms. Meisenheimer to address these issues if you
- 10 have further questions about that, or you can ask
- 11 me. Thank you.
- 12 JUDGE JORDAN: Any questions for
- 13 counsel? Thank you. We're ready for Summit's
- 14 first witness, only witness.
- MS. CARTER: Ms. Wankum.
- 16 (Witness sworn.)
- 17 MARTHA WANKUM testified as follows:
- 18 DIRECT EXAMINATION BY MS. CARTER:
- 19 Q. If you could please state your full
- 20 name and your employer?
- 21 A. Martha Wankum with Summit Utilities,
- 22 Incorporated.
- Q. Did you file direct, rebuttal and
- 24 surrebuttal testimony in this case?
- 25 A. Yes.

Page 307

- 1 Q. And have those pieces of testimony
- been marked as Exhibits 18, 19 and 20?
- 3 A. Yes.
- 4 Q. Do you have any corrections for that
- 5 prefiled testimony?
- 6 A. Not for the testimony. I do have a
- 7 correction in one of the tariff sheets we filed
- 8 with this case.
- 9 Q. And that is related to this issue?
- 10 A. Yes. It's related to the proposed
- 11 conversion program.
- 12 Q. And could you please tell us the
- 13 tariff sheet number?
- 14 A. It is tariff book PSC Mo. No. 3,
- 15 Sheet 83, provision B6, and it did accidentally
- 16 leave the word no cost in one shot. That word
- 17 should be removed.
- 18 Q. Do you have any other corrections?
- 19 A. No.
- MS. CARTER: Ms. Wankum will be
- 21 taking the stand on Friday as well on energy
- 22 efficiency issues, but I would proceed at this time
- 23 to offer Exhibits 18, 19 and 20 into evidence, and
- 24 tender her for cross-examination.
- JUDGE JORDAN: I'm not hearing any

Page 308

- 1 objections to Exhibits 18, 19 and 20, so the
- 2 Commission will receive those into evidence.
- 3 (SUMMIT EXHIBIT NOS. 18, 19 AND 20
- 4 WERE RECEIVED INTO EVIDENCE.)
- 5 JUDGE JORDAN: Cross-examination from
- 6 Missouri Propane Gas Association?
- 7 MR. JARRETT: No questions.
- 9 see nothing from Missouri School Boards
- 10 Association. Office of the Public Counsel, any
- 11 cross-examination?
- MR. POSTON: Yes. Thank you.
- 13 CROSS-EXAMINATION BY MR. POSTON:
- 14 Q. Could you please go through that
- 15 correction you just made? I didn't follow it. If
- 16 you could --
- 17 A. Sure.
- 18 Q. -- point me where you are.
- 19 A. The proposed tariff book that we
- 20 filed with the case --
- Q. Right.
- 22 A. -- that we have titled as PSC Mo.
- 23 No. 3, it's sheet -- original sheet 83, and then at
- 24 the top of the page, that paragraph starts with
- 25 paragraph B, and then there should be a

Page 309

- 1 provision 6.
- 2 **Q.** Okay.
- 3 A. And if you read there, there's the
- 4 term no cost, and that needs to be stricken.
- 5 Q. Okay. So could you just explain how,
- 6 then, this program would work?
- 7 A. Sure. Currently in certain
- 8 circumstances the company has the ability to offer
- 9 conversion services to new customers at no charge.
- 10 We'd like to continue offering that service to new
- 11 customers but for a charge.
- 12 Q. The current tariff has expired,
- 13 though, right? You're not currently offering
- 14 no-charge conversions; is that correct?
- 15 A. We have two tariff books. Our PSC
- 16 Mo. 1 tariff book is for our territory for the
- 17 former MGU system, and our PSC Mo. No. 2 tariff
- 18 book is for the SMNG system. The conversion
- 19 program that was previously offered in the PSC
- 20 Mo. 2 tariff book for the SMNG system, that program
- 21 expired December 31, 2012. There are provisions
- 22 for conversion program in the PSC Mo. 1 tariff
- 23 book.
- 24 Q. For former MGU?
- 25 A. For former MGU, yes.

Page 310

- 1 Q. And so you're saying the customer
- 2 would pay the full cost of conversion or would the
- 3 company pay a portion of that?
- 4 A. No. The customer would pay the full
- 5 cost.
- 6 MR. POSTON: Okay. I think that's
- 7 all the questions I have.
- 8 JUDGE JORDAN: Cross-examination from
- 9 Staff?
- 10 MR. BORGMEYER: No questions, your
- Honor.
- 12 JUDGE JORDAN: Questions from the
- 13 Bench?
- 14 CHAIRMAN KENNEY: Thank you.
- JUDGE JORDAN: Redirect from Summit?
- MS. CARTER: No questions.
- JUDGE JORDAN: You may stand down.
- 18 Office of the Public Counsel. You've already been
- 19 sworn. I won't swear you in again.
- 20 MR. POSTON: OPC brings Barbara
- 21 Meisenheimer and tenders her for cross-examination.
- JUDGE JORDAN: Very good.
- 23 Cross-examination from Staff?
- MR. BORGMEYER: No questions, your
- Honor.

Page 311 JUDGE JORDAN: Nothing from Missouri 1 2 School Boards Association. Missouri Propane Gas 3 Association? 4 MR. JARRETT: No questions. 5 JUDGE JORDAN: Cross-examination from Summit? 7 MS. CARTER: No questions. JUDGE JORDAN: Questions from the 8 Bench for this witness on this topic? 10 CHAIRMAN KENNEY: No, thank you. JUDGE JORDAN: Then we have neither 11 12 recross nor redirect. You may stand down. 13 This brings us to the next issue, which we have described as rate design and rate 14 15 shock, including customer charges, equal percentage application of any rate increase. Our first 16 17 opening statement will be from Summit. 18 MR. COOPER: Your Honor, I note that this is the issue that Mr. Brownlee wanted to 19 appear on, and I don't see him. I don't know 20 21 whether he's en route. I think he had mentioned being here at 11. So if we want to -- looks like 22 Mr. Ervin went out to perhaps check for him. 23 JUDGE JORDAN: Very good. Maybe this 24 would be a good time for a recess. Why don't we 25

Page 312 take ten minutes, then. We'll go into recess. 2 (A BREAK WAS TAKEN.) 3 JUDGE JORDAN: We are back on the record, and we will resume the evidence and 4 5 argument on the issue of rate design and rate shock, which includes customer charges and equal 6 7 percentage application of any rate increase. 8 begin with an opening statement from Summit. 9 MR. COOPER: Thank you, your Honor. As you mentioned, two questions in this segment of 10 the hearing, what's been referred to as the rate 11 12 shock question, and the second question having to do with how should any rate increase/decrease be 13 applied to volumetric and monthly charges or 14 15 customer charges. 16 There are proposals that the company 17 believes the Commission should accept that would be a benefit to customers and minimize rate impacts in 18 this case. The first that we mentioned previously 19 is the transfer of approximately \$34.6 million of 20 21 the company's mainline investments at Warsaw and Branson into plant held for future use, 22 Account 105. 23 The Commission also should continue 24 the use of a customer charge plus volumetric charge 25

Page 313

- 1 rate design and reject the use of straight fixed
- 2 variable rate design as was proposed by the parties
- 3 in the Partial Stipulation & Agreement.
- 4 One other thing I would mention at
- 5 this time is that, for some additional perspective
- 6 for the rate increase percentages that were
- 7 mentioned yesterday in the various opening
- 8 statements, the Commission needs to keep in mind
- 9 that the percentages referred to were percentage
- 10 increase in non-gas costs. The non-gas cost of a
- 11 person's bill is generally significantly smaller
- 12 percentage of the bill than the gas portion.
- 13 Similarly for the schools
- 14 participating in the school aggregation program,
- 15 the amounts paid to Summit Natural Gas will be much
- less than the amounts they pay for the gas they
- 17 purchase.
- In both instances, the percentage
- 19 increases you've heard are, again, non-gas
- 20 increases. If you took into account the whole gas
- 21 bill or what I would think of as the whole gas
- 22 bill, those percentages would not be as great as
- 23 what you've heard.
- As to the second question about how
- 25 should -- should any rate increase/decrease be

Page 314

- 1 applied to the customer charge, the volumetric
- 2 charges, Staff has proposed to apply any rate
- 3 increase to the existing rate elements in equal
- 4 percentages, and Summit Natural Gas does not object
- 5 to the use of equal percentages as proposed by
- 6 Staff.
- 7 Thank you.
- JUDGE JORDAN: Thank you. Inquiries?
- 9 I don't have any either. Opening statement by
- 10 Staff, please.
- MR. BORGMEYER: Yes. Thank you, your
- 12 Honor. May it please the Commission?
- 13 Staff doesn't have a whole lot to add
- 14 to what the company just said. I think the idea of
- 15 rate shock is mostly a subjective one. I think it
- 16 just refers to what the rate was and then what the
- 17 rate becomes, and I don't think there's any
- 18 objective measure for that, but it's just a
- 19 subjective feeling that one has when faced with a
- 20 rate increase.
- 21 And Staff would reiterate what
- 22 Mr. Cooper just said about this case doesn't
- 23 involve gas costs. Gas costs are included on a
- 24 customer's bill. So a lot of the percentages that
- 25 we're talking about here wouldn't be the same

Page 315

- 1 percentage increase that customers would actually
- 2 see on their bill.
- 3 And then just to reiterate that Staff
- 4 did originally propose the SFV in this case, but
- 5 Staff's current proposal is to apply any rate
- 6 increase to the company's current two-part rate
- 7 design on an equal percentage basis across rate
- 8 elements, and that's Staff's current position.
- 9 JUDGE JORDAN: Thank you. Any
- 10 inquiries for counsel? Thank you.
- 11 Opening statement from the Office of
- 12 Public Counsel, please.
- MR. POSTON: May it please the
- 14 Commission?
- Our position's been the Commission
- 16 should not raise rates in this case. We don't
- 17 think it's been proven. But in the event the
- 18 Commission does increase rates, we're very
- 19 concerned about the impact to ratepayers if the
- 20 Commission were to raise the customer charge, the
- 21 fixed customer charge.
- 22 Yesterday I gave the percentage
- 23 increases that the company's proposal would create.
- 24 It was between 77 and 31 percent. We're very
- 25 concerned that an equal percentage across all rate

Page 316

- 1 elements that's been proposed by Staff could lead
- 2 to unreasonable increases to the fixed customer
- 3 charge.
- 4 High customer charges have a negative
- 5 impact on low-usage customers, which includes many
- 6 low-income customers that would be better protected
- 7 by placing increases in the volumetric rate.
- 8 The Commission -- this Commission in
- 9 the past has recognized the problems with high
- 10 fixed charges, and Ms. Meisenheimer's testimony
- 11 discusses that and the Commission's past orders.
- One problem with high customer charge
- 13 is the impact it has on conservation. We've
- 14 submitted evidence showing that high customer
- 15 charges tend to reduce a customer's incentive to
- 16 conserve their usage.
- 17 We don't believe that's the direction
- 18 this company should be heading, and for that reason
- 19 we ask that if you find a rate increase is
- 20 warranted, that that increase be reflected in the
- 21 volumetric rate only.
- 22 And on the issue of rate shock, I
- 23 would just like to let the customers' comments
- 24 speak for themselves, the filed comments and the
- 25 public hearing comments. The proposed rates are

Page 317

- 1 very shocking to these customers. Even though
- 2 this -- the rate proposal does not involve gas
- 3 costs, what they're requesting would still be a
- 4 very large increase for these customers.
- 5 Thank you. That's all I have.
- JUDGE JORDAN: Any inquiry for
- 7 counsel? Thank you.
- 8 Opening statement from the Missouri
- 9 School Boards Association.
- 10 MR. BROWNLEE: Thank you again. I
- 11 want to again reiterate that rate shock is sort of
- 12 a bifurcated issue in this. One is to the schools
- 13 and what they are because it is kind of a unique
- 14 issue under that statute, vis-a-vis what I think
- 15 sometimes the other parties refer to, just the
- 16 overall. So that's an important decision.
- 17 Recognizing there's no objective
- 18 standard that I know of as to what's rate shock, I
- 19 can assure you that for the schools at a minimum
- 20 under the Staff's proposal, which people agree,
- 21 it's all close to above 50 percent, and when you
- 22 add on the loss of the flex and the cash out, it
- 23 approaches in many and most cases 80 percent.
- 24 If you received a bill from your
- 25 mortgage company if you happen to have one and your

Page 318

- 1 rates went up 80 percent starting January 1 at your
- 2 mortgage, you would understand that to be rate
- 3 shock. So I think it's an issue that, again, while
- 4 not defined, it's within the purview of the
- 5 Commission and I think of common sense to
- 6 understand that.
- 7 While Commissioner Kenney asked a
- 8 really excellent question yesterday, which should
- 9 have -- we should have -- I think none of us had
- 10 addressed. I don't think there's any testimony in
- 11 the record about the allocation of how much of this
- 12 is the gas cost versus how much of it is the
- 13 company cost that is what we're dealing with here
- 14 today.
- 15 I think -- I would urge one of you to
- 16 ask Mr. Ervin because he's the expert on it. He
- 17 can explain that. And I -- there's not evidence in
- 18 it, but I think that he has done an analysis on
- 19 that, and I think you would find that, in this
- 20 particular case, uniquely in this case, the
- 21 costs -- the company costs that we're talking about
- 22 within the purview of this case are higher than the
- 23 gas costs, which is usual.
- But again, I would urge one of
- 25 you-all to ask it, because it is -- it's a -- it's

Page 319

- 1 a question that bears addressing for sure. And
- 2 again, just under the -- having what I'll call
- 3 canned testimony, sometimes we're all put in the
- 4 position of having testimony filed on issues and
- 5 then things pop up at the end and we don't --
- 6 there's just not really a good way to get that kind
- 7 of stuff in front of the Commission as evidence in
- 8 the record. So if one of you-all has curiosity
- 9 about that, I'd urge you to ask Mr. Ervin.
- Thanks so much.
- JUDGE JORDAN: A question,
- 12 Commissioner Kenney.
- 13 COMMISSIONER W. KENNEY: Considering
- 14 I ask such excellent questions, I'll ask one. Do
- 15 you know how many of your school districts in this
- 16 region, in the Summit Natural Gas region, have
- 17 converted from propane to gas?
- 18 MR. BROWNLEE: I believe all of them,
- 19 I think. There's 11 and I think 76 schools.
- 20 COMMISSIONER W. KENNEY: 11
- 21 districts?
- MR. BROWNLEE: 76 schools.
- 23 COMMISSIONER W. KENNEY: What was the
- 24 reason they converted?
- 25 MR. BROWNLEE: I well, there was an

Page 320

- 1 offering by the company, I believe, for them to
- 2 make a conversion, and they were given an incentive
- 3 to do so in pricing. And again, I don't want to
- 4 misrepresent because I don't know. The company
- 5 would be truly the best to answer, or Mr. Ervin
- 6 could. He could answer for sure.
- 7 But that's part of the computation
- 8 that we've done. We've taken the two-part Staff
- 9 proposal, which I think everyone agrees to as the
- 10 numbers at least being accurate, and then we've
- 11 added back in --
- 12 COMMISSIONER W. KENNEY: Why don't we
- 13 do this: I'll wait for Mr. Ervin.
- 14 MR. BROWNLEE: I think that would be
- 15 the perfect, but there's -- yeah. And they canc--
- 16 the company canceled that incentive effective --
- 17 COMMISSIONER W. KENNEY: I
- 18 understand. Look at last year with propane and the
- 19 price hikes, what happened to propane, and a lot of
- 20 the stability, a lot of its cost. There's nothing
- 21 that prevents a school district from going back to
- 22 propane either. There are converter kids. It's
- 23 very --
- MR. BROWNLEE: Well, there isn't
- 25 maybe physically, but the cost of those conversions

Page 321 are huge. I mean, for schools --2 COMMISSIONER W. KENNEY: No, they 3 aren't. MR. BROWNLEE: Well, for schools and 4 5 stuff, I think they -- I mean, again, I'm off --I'm in water over my head here. 6 7 COMMISSIONER W. KENNEY: Okay. Thank 8 you. 9 MR. BROWNLEE: Thank you. 10 MR. JARRETT: Judge, could I address Commissioner Kenney's question regarding the --11 12 JUDGE JORDAN: Yes. Please do. MR. JARRETT: I think Marshfield is 13 not a school that -- Marshfield is still propane. MR. BROWNLEE: Well, I didn't know. 15 16 MR. JARRETT: I don't think they're a 17 member -- I don't know if they're a member of MSBA or not, but Marshfield is one that is still 18 19 propane. 20 COMMISSIONER W. KENNEY: Thank you. 21 JUDGE JORDAN: Any other inquiries of counsel? I don't have any inquiries for you. I 22 understand that Missouri School Boards Association 23 24 would like to take its witness out of order. Any objections to that from any parties? I think 25

Page 322

- 1 that's -- I think that's all been discussed.
- 2 MR. BORGMEYER: I don't know that we
- 3 need to. I think we were talking about that maybe
- 4 for time constraints, but we're -- I think we have
- 5 time to just proceed in order.
- JUDGE JORDAN: We can certainly do
- 7 that, keeping in mind that we will break before the
- 8 noon hour for agenda and probably come back at
- 9 one o'clock.
- 10 MR. BROWNLEE: I'm not sure what the
- order is, so if we're out of order -- I'd be happy
- 12 to put Mr. Ervin on and get that behind so we'd be
- 13 done by noon. I have a few questions for
- 14 Mr. Imhoff and that's it.
- MR. BORGMEYER: I guess the issue
- 16 would be, if we do Mr. Ervin and try to get through
- 17 him before noon, we may not have time to do
- 18 Mr. Imhoff before noon. And so I'm not sure --
- MR. BROWNLEE: Either way.
- MR. BORGMEYER: I'm not sure at this
- 21 point we'd be able to --
- JUDGE JORDAN: Well, the Commission
- 23 has to go into -- has to recess this hearing at
- 24 about ten 'til noon at the latest. So I don't know
- 25 what the examination of any of these parties will

Page 323

- 1 require. Parties have a far better understanding
- 2 on that.
- 3 MR. BROWNLEE: I do think you could
- 4 probably get Mr. Imhoff on on this limited issue
- 5 surely before you-all need to adjourn. That would
- 6 be one thing I can guarantee, unless somebody else
- 7 has got a huge number of questions.
- 8 JUDGE JORDAN: That would take care
- 9 of Staff's case in chief for today. How does that
- 10 sound?
- MR. BORGMEYER: I guess that would be
- 12 okay. We can just see how far we get, and then
- 13 your Honor can recess the proceeding whenever --
- 14 whenever we need to.
- JUDGE JORDAN: All right. Any
- 16 objection to that proposal that we take the
- 17 testimony of Mr. Imhoff a little out of order here?
- 18 (No response.)
- 19 JUDGE JORDAN: I'm not seeing any.
- 20 So, Staff, you may call your witness.
- 21 MR. BORGMEYER: Staff calls Tom
- 22 Imhoff.
- JUDGE JORDAN: And while Mr. Imhoff
- 24 is taking the stand, I'll make sure I understand
- 25 that Mrs. McNutt and Kliethermes will not be taking

Page 324 the stand today. 2 MR. BORGMEYER: That's correct, your 3 Honor. We stipulated earlier today that their testimony will be received into the record. 5 JUDGE JORDAN: Very good. 6 (Witness sworn.) 7 THOMAS M. IMHOFF testified as follows: DIRECT EXAMINATION BY MR. BORGMEYER: 8 Q. Good morning, Mr. Imhoff. 10 A. Good morning. 11 Will you state your name for the Q. 12 record, please. My name is Thomas M. Imhoff, 13 Α. 14 I-m-h-o-f-f. 15 By whom are you employed? Q. 16 I am employed by the Missouri Public Α. 17 Service Commission. 18 And are you the same Tom Imhoff who Q. prepared or caused to be prepared direct testimony 19 marked as Staff Exhibit 100? 20 21 Α. Yes. 22 Q. And direct testimony marked as Staff 23 Exhibit 107? 24 A. Yes. 25 Did you prepare portions of the Staff Q.

Page 325

- 1 Class Cost of Service Report marked as Exhibit 108?
- 2 A. Yes.
- 3 Q. And did you prepare testimony --
- 4 surrebuttal testimony marked as Staff Exhibit 125?
- 5 A. Yes.
- 6 Q. Do you have any corrections to any of
- 7 that testimony?
- 8 A. I just have one correction, and it is
- 9 on my direct testimony for the cost of -- for the
- 10 cost of service, and it's on page 2 where --
- 11 Q. I'm sorry. That direct testimony is
- 12 **Exhibit 100?**
- 13 A. Yes. And it's on page 2. My current
- 14 position, it states rate and tariff examination
- 15 supervisor, and it should say manager.
- 16 Q. Thank you, Mr. Imhoff. Other than
- 17 that correction, if I asked you the same questions
- 18 today, would your answers be the same as they are
- in your prefiled testimony?
- 20 A. Yes, they would.
- 21 Q. And would those answers be true and
- 22 correct to the best of your knowledge and belief?
- 23 A. Yes, they would.
- MR. BORGMEYER: With that, your
- 25 Honor, Staff would submit Staff Exhibit 100, Staff

Page 326

- 1 Exhibit 107, Staff's Class Cost of Service Report,
- 2 Exhibit 108, and Exhibit 125 to be admitted into
- 3 the record.
- JUDGE JORDAN: Hearing no objections,
- 5 those exhibits will be entered into the record.
- 6 (STAFF EXHIBIT NOS. 100, 107, 108 AND
- 7 125 WERE RECEIVED INTO EVIDENCE.)
- 8 MR. BORGMEYER: I tender this witness
- 9 for cross.
- 10 JUDGE JORDAN: Cross-examination from
- 11 the Office of Public Counsel?
- MR. POSTON: Thank you.
- 13 CROSS-EXAMINATION BY MR. POSTON:
- 14 Q. I just want to verify with you that
- 15 the straight fixed variable proposal is -- you're
- 16 no longer proposing that in this case; that's
- 17 correct?
- 18 A. That is correct.
- 19 Q. And I just want to ask you question
- about rate shock, the concept of rate shock. If
- 21 the Commission were to conclude in this case that
- 22 the proposed increases would constitute rate shock
- 23 to customers, how could the Commission address that
- 24 in this case?
- 25 A. They could address it, I'm assuming,

Page 327

- 1 in any way that they would determine would be the
- 2 most appropriate way. So, I mean, I can't speak
- 3 for the Commission itself. They would be the one
- 4 that would decide.
- 5 Q. Are you aware of any past instances
- 6 where this Commission or another Commission has
- 7 addressed rate shock?
- 8 A. I'm aware in the past, such as for
- 9 the Callaway and the Wolf Creek nuclear rate cases,
- 10 there was a phase-in because of the magnitude of
- 11 the rates that went into effect.
- 12 Q. Do you know how that worked?
- 13 A. No.
- 14 Q. It was a phase-in meaning over a
- 15 poured of time the rates --
- 16 A. I think that it went over several
- 17 years. I can't give you the exact number of years,
- 18 but I know it was more than two.
- MR. POSTON: Thank you. That's all I
- 20 have.
- JUDGE JORDAN: Cross-examination from
- 22 the Missouri School Boards Association?
- 23 CROSS-EXAMINATION BY MR. BROWNLEE:
- Q. Good morning.
- 25 A. Good morning.

Page 328

- 1 Q. Mr. Imhoff, you and I have known each
- other, I guess, for a number of years. Good to see
- 3 you. I'm representing the Missouri School Boards
- 4 Association, and I know you're familiar with the
- 5 issues they've raised in this case, are you not?
- A. Yes.
- 7 Q. And are you aware that, in fact,
- 8 Missouri School Boards Association, as a result of
- 9 looking at the cost of service studies, we and I
- 10 think everyone else didn't have any figures from
- 11 the Commission as to what the proposed rate
- 12 increase was really going to be to the schools
- during the cost of service study?
- 14 A. That is correct.
- 15 Q. There were no numbers there, that is
- 16 no final numbers showing what the rate increase was
- qoing to be to the school, were there?
- 18 A. Not at the time, no.
- 19 Q. And isn't it also true that the
- 20 Missouri School Boards Association sent a data
- 21 request to the Staff after the surrebuttal was, in
- 22 fact, filed asking that the Staff provide those
- 23 numbers, that is the percentage of increases that
- 24 would go to the schools?
- 25 A. That is correct.

Page 329

- Q. And again, I'm going to hand you what
- we've -- I previously marked, the court reporter,
- 3 it's Exhibit 403.
- 4 (MSBA EXHIBIT NO. 403 WAS MARKED FOR
- 5 IDENTIFICATION BY THE REPORTER.)
- 6 BY MR. BROWNLEE:
- 7 Q. Ask if you can identify that,
- 8 Mr. Imhoff?
- 9 A. It is the Staff response to the
- 10 Missouri School Boards Association data request
- 11 that was submitted to the Staff.
- 12 Q. And while the exhibit speaks for
- 13 itself, is it not, in fact, a spreadsheet or
- 14 columnar sheet showing what was the Staff's
- 15 original recommendation with the straight variable
- and then it also has the column for the two-part
- 17 rate, correct?
- 18 A. That is correct.
- 19 Q. As far as you know, are those figures
- 20 on that sheet true and accurate to the best of your
- 21 information and belief?
- 22 A. I believe so, yes.
- 23 Q. And it's also true that while others
- 24 have, in fact, assisted with sponsoring and
- 25 preparing those numbers, you, in fact, are

Page 330

- 1 sponsoring this exhibit, is that correct, as being
- 2 true and accurate?
- 3 A. Yes.
- 4 Q. And are you also familiar, and I
- 5 think you've heard at least some comment today
- 6 about the fact that there was a flex rate additive
- 7 that would be included on these rates?
- 8 A. I'm not quite sure I understand what
- 9 you mean by flex rate.
- 10 Q. Are you aware that when the company
- 11 as an incentive went to a number of the people in
- 12 the service area and offered them a special
- 13 incentive, if they switch from propane to natural
- 14 gas they would be given a certain price break or an
- 15 advantage?
- 16 A. I don't know.
- 17 Q. You don't know that --
- 18 A. No.
- 19 Q. -- about that at all?
- 20 A. No.
- 21 Q. And are you aware that for the rates
- 22 the Staff has at least under their two-part, there
- 23 would also be an additive for the cash-out
- 24 provisions that are, of course, stipulated to but
- would still affect your numbers?

Page 331

- A. I'm not --1
- 2 MR. BORGMEYER: I'm going to object
- 3 to that. I'm going to object in that it calls for
- speculation. The cash-out provision is related to 4
- 5 the transportation customers' purchasing
- activities. I don't think that Mr. Imhoff can 6
- 7 testify as to exactly how that cash-out provision
- would affect the schools' ultimate costs. That has 8
- to do with how the schools purchase gas, not -- it
- would affect what those -- that final costs would 10
- 11 be.
- 12 MR. BROWNLEE: He can answer, I
- 13 guess.
- JUDGE JORDAN: Can you answer that 14
- 15 question?
- 16 THE WITNESS: I would probably need
- 17 to refer to Staff witness Lesa Jenkins because
- she's the one that dealt with the cash-out portion 18
- of that, but --19
- 20 BY MR. BROWNLEE:
- 21 Q. So your --
- 22 A. But --
- 23 Q. I'm sorry.
- But basically, if the schools held to 24 Α.
- their nominations, then there probably would not be 25

Page 332

- 1 no cash-out. So it's to make them, I guess, be
- 2 more conscientious of their purchases, purchasing
- 3 practices.
- 4 Q. So again, on the total increase, the
- 5 two-part rate, you don't know if there's an
- 6 additive for the loss of the flex rate or for the
- 7 cash-out?
- 8 A. Well, I mean, on the two-part rate,
- 9 it does not include any cash-out percentage.
- 10 Q. And it doesn't include the loss of
- 11 the flex rate, to your knowledge?
- 12 A. No. No. It does include that.
- 13 Q. Your number you think includes that?
- 14 A. Yes, it does.
- 15 **Q.** Okay.
- JUDGE JORDAN: Counselor, your
- 17 questions are directed to Exhibit what?
- 18 MR. BROWNLEE: It would be 403, which
- 19 is -- that was the data request.
- JUDGE JORDAN: Staff request to
- 21 MSBA --
- MR. BROWNLEE: It's Data Request 234.
- 23 We had listed it on the --
- JUDGE JORDAN: Okay. I have that on
- 25 my exhibit list as No. 703. That's the -- that's

Page 333

- what's distributed to me. Also --
- 2 MR. BROWNLEE: Our numbers were all
- 3 400.
- 4 JUDGE JORDAN: Yes. I'm looking at
- 5 703 on this document.
- 6 MR. BORGMEYER: The one that you
- 7 passed out to me has 403 at the top.
- 8 MR. BROWNLEE: Maybe it's dually
- 9 numbered, because we -- we had marked it on our
- 10 exhibit list, but I didn't know whether I'd be
- 11 offering it, so I didn't premark it.
- 12 JUDGE JORDAN: I don't have a problem
- 13 with the numbering. I just need to straighten that
- 14 out.
- MR. BROWNLEE: I think they're both
- 16 the same, probably. It's Staff data response to
- 17 DR 234.
- JUDGE JORDAN: That's what I need to
- 19 know. It also would be good to have copies for the
- 20 Bench.
- 21 MR. BROWNLEE: I think I have enough.
- 22 Maybe I need to collect some back.
- MR. BROWNLEE: I don't think I have
- 24 anything else, and I'm going to at this time offer
- 25 Exhibit 403.

Page 334 1 JUDGE JORDAN: I'm not hearing any 2 objection. 3 MR. BORGMEYER: No objection, your Honor. 4 5 JUDGE JORDAN: So I will enter Exhibit 403 into the record. 6 7 (MSBA EXHIBIT NO. 403 WAS RECEIVED 8 INTO EVIDENCE.) 9 MR. BROWNLEE: Thank you. 10 JUDGE JORDAN: Cross-examination from the Missouri Propane Gas Association? 11 12 MR. JARRETT: No questions. 13 JUDGE JORDAN: Cross-examination from 14 Summit? 15 MR. COOPER: Yes, your Honor. CROSS-EXAMINATION BY MR. COOPER: 16 17 Q. Mr. Imhoff, you had discussed a phase-in, I think, or provided the word phase-in in 18 19 one of your responses a little bit ago, correct? 20 A. That is correct. 21 If you know, the statute in Missouri 22 that provides for phase-ins, does it only apply to 23 electrics, the electric industry? 24 A. I don't know. 25 Have you been involved in discussions Q.

Page 335

- 1 of phase-ins before, either proposed if not
- 2 enacted?
- 3 A. The only discussion on phase-in was
- 4 during Summit's negotiation period.
- 5 Q. Would you agree with me that
- 6 oftentimes phase-ins become complicated as you try
- 7 to figure out what to do with the amount that's
- 8 being deferred and whether that should have a
- 9 carrying cost or when that amount, that deferred
- 10 amount should be recovered?
- 11 A. I would agree with that, yes.
- MR. COOPER: That's all the questions
- 13 I have.
- 14 JUDGE JORDAN: Very good. Questions
- 15 from the Bench for this witness?
- 16 CHAIRMAN KENNEY: No, thank you.
- 17 COMMISSIONER W. KENNEY: No.
- 18 JUDGE JORDAN: I have no questions.
- 19 Any redirect from Staff?
- 20 MR. BORGMEYER: Just briefly, your
- 21 Honor.
- 22 REDIRECT EXAMINATION BY MR. BORGMEYER:
- Q. So, Mr. Imhoff, the Staff's DR
- 24 response, do those percentages include the cost
- 25 increase to the schools that would be associated

Page 336

- 1 with Staff's recommendation to move the schools to
- 2 a per-meter charge?
- 3 A. Yes.
- 4 Q. Do those percentages include the
- 5 impact to the schools' bill that would be realized
- 6 if you factored in gas costs?
- 7 A. I'm not quite sure I understand your
- 8 question.
- 9 Q. The DR response, does that
- 10 calculation include gas costs?
- 11 A. No, it did not.
- MR. BORGMEYER: I just have one brief
- 13 exhibit to pass out here.
- 14 (STAFF EXHIBIT NO. 139 WAS MARKED FOR
- 15 IDENTIFICATION BY THE REPORTER.)
- 16 BY MR. BORGMEYER:
- Q. Okay. Mr. Imhoff, I've handed you
- 18 what's been marked as Staff Exhibit 139. Do you
- 19 recognize that document?
- 20 A. Yes, I do.
- Q. And how do you recognize that?
- 22 A. It's -- it was part of the
- 23 calculation that we had done in response to the
- 24 Missouri School Boards Association's data request
- 25 upon the Staff. However, that only reflected the

Page 337

- 1 change on the margin rates. So we wanted to see
- 2 what the total overall impact would be when you
- 3 also included an approximation of what the gas cost
- 4 piece of that would be as well.
- Q. And did you do those calculations?
- 6 A. It was under my direction, yes.
- 7 Q. Now, the PGA would not be a perfectly
- 8 accurate prediction of what the gas costs will be,
- 9 isn't that --
- 10 A. For purposes of Staff Exhibit 139, we
- 11 used Summit's current PGA rate for the Rogersville
- 12 district because that's where all the -- that's
- 13 where all of the schools are located is in the
- 14 Rogersville district. So -- and that current PGA
- 15 rate is approximately \$5.754 per MCF.
- 16 Q. And then just broadly, what -- what
- does this exhibit show as far as the relationship
- 18 between the DR response that you just talked about
- 19 and the actual bills that the schools will receive?
- 20 A. Basically, what -- what we did was,
- 21 we wanted to see what the total overall impact
- 22 would be with the rate increase because when I --
- 23 when a customer, that being a school or a
- 24 residential customer, they want to know what their
- 25 total bill is going to be. How much is it going to

Page 338

- 1 increase in total?
- 2 So by taking the company's current
- 3 PGA rate, we had roughly a percentage increase on
- 4 these school districts anywhere from 9 percent to
- 5 25 percent on their total bill, on their total
- 6 bill.
- 7 MR. BORGMEYER: Thank you. No
- 8 further questions.
- 9 JUDGE JORDAN: Then you may stand
- 10 down. The Commission will --
- MR. BROWNLEE: We've never seen that
- 12 until just now. I've got one question if I might.
- 13 JUDGE JORDAN: It hasn't been moved
- 14 into evidence yet.
- MR. BORGMEYER: Staff would move for
- 16 Exhibit 139 to be into evidence.
- JUDGE JORDAN: MSBA has an objection?
- 18 MR. BROWNLEE: No, no objection. I'd
- 19 have one question, though.
- MR. COOPER: I think we're out of
- 21 questions.
- JUDGE JORDAN: We'll take that up
- 23 after recess at one o'clock.
- 24 (A BREAK WAS TAKEN.)
- JUDGE JORDAN: We are back on the

Page 339

- 1 record. And before we recessed, Mr. Imhoff was on
- 2 the stand and was discussing Exhibit No. 139 of
- 3 Staff, and Missouri School Boards Association had
- 4 some questions regarding this exhibit in the nature
- 5 of voir dire for this witness.
- 6 So if Mr. Imhoff will resume the
- 7 stand, we can take up where we left off.
- 8 MR. COOPER: I guess I had pointed
- 9 out, your Honor, that this is contrary, I guess, to
- 10 the practice we've used in the past. Questions
- 11 beyond redirect would be out of the ordinary.
- 12 MR. BROWNLEE: If I can address that?
- 13 When they introduce an exhibit that no one -- at
- 14 least I'd never seen and question him about it, I
- 15 think it would waive any -- because otherwise we
- 16 have -- they're able to have a witness produce
- 17 evidence in which the parties are essentially
- 18 prohibited from cross-examining.
- I mean, this is not just redirect.
- 20 It's on a whole new issue that's been brought up
- 21 and a new exhibit.
- MR. COOPER: But it was only brought
- 23 about because of the cross-examination of one of
- 24 the parties, right? I mean, had there been no
- 25 cross-examination of Mr. Imhoff, there would have

Page 340

- 1 been no opportunity for Staff to offer that
- 2 exhibit.
- JUDGE JORDAN: Well, insofar as that
- 4 constitutes an objection, I will overrule it.
- 5 Mr. Brownlee.
- 6 VOIR DIRE EXAMINATION BY MR. BROWNLEE:
- 7 Q. Mr. Imhoff, do you have a copy of
- 8 Exhibit 139 in front of you?
- 9 A. Yes, I do.
- 10 Q. Okay. And if you'll just take a look
- 11 at it. Refresh my memory. What was the reason you
- used the PGA rate figure in this exhibit?
- 13 A. The reason why I wanted to use that
- 14 was to show an estimate on what the school would
- 15 see as far as their total bill, not just the margin
- 16 piece of it, but it would also include the gas cost
- 17 side of it.
- 18 Q. Are you aware that the schools don't
- 19 pay the PGA rate?
- 20 A. I am aware that they do not pay the
- 21 PGA rate, but they do pay for gas. I don't know
- 22 what that rate is.
- Q. Well, the point being, they buy open
- 24 market gas, and by you using this PGA factor in
- 25 here, it's something the schools don't even

Page 341

- 1 utilize. Are you aware of that?
- 2 A. I'm not quite sure I understand your
- 3 question --
- 4 Q. Well, by your including --
- 5 A. -- that they don't utilize. They do
- 6 purchase gas, I believe.
- 7 JUDGE JORDAN: One at a time, please.
- 8 BY MR. BROWNLEE:
- 9 Q. They buy gas on the open market, but
- 10 you've used a PGA rate which the schools, in fact,
- 11 don't use?
- 12 A. That is true, yes.
- MR. BROWNLEE: Thank you.
- 14 JUDGE JORDAN: And I think that
- 15 concluded redirect; is that correct?
- MR. BORGMEYER: I have no further
- 17 questions, your Honor.
- 18 MR. COOPER: I have a question.
- JUDGE JORDAN: Counsel.
- 20 VOIR DIRE EXAMINATION BY MR. COOPER:
- Q. Did you have the option of utilizing
- 22 the school districts' actual gas purchase rate?
- 23 A. I could have if I would have known
- 24 what it was, but I don't know what the schools pay.
- 25 Q. And so you used the PGA a substitute

Page 342

- 1 for that?
- 2 A. That is correct.
- JUDGE JORDAN: Questions from the
- 4 Bench on this exhibit?
- 5 CHAIRMAN KENNEY: I don't have any.
- 6 COMMISSIONER STOLL: I would ask one
- 7 quickly.
- 8 QUESTIONS BY COMMISSIONER STOLL:
- 9 O. Are we to assume that the -- that the
- 10 open market rate would be lower than the PGA rate?
- 11 A. I'm not sure what -- what the schools
- 12 are paying. I would assume that it would be less,
- 13 but I don't know.
- 14 COMMISSIONER STOLL: Okay. Thank
- 15 you.
- 16 JUDGE JORDAN: All right. Well, that
- 17 concludes Staff's presentation on this issue.
- 18 Missouri School Boards Association has asked to
- 19 take its witness, Mr. Ervin, out of order.
- MR. BROWNLEE: Thank you.
- 21 JUDGE JORDAN: And I see no objection
- 22 to that, so we will do that.
- 23 (Witness sworn.)
- 24 LOUIE R. ERVIN, SR. testified as follows:
- 25 DIRECT EXAMINATION BY MR. BROWNLEE:

Page 343

- 1 Q. Would you state your name for the
- 2 record.
- 3 A. Louie R. Ervin, Senior.
- 4 Q. And by whom are you employed?
- 5 A. Latham & Associates.
- 6 Q. And briefly describe that business.
- 7 A. We're independent energy advisors for
- 8 large consumers of natural gas electricity.
- 9 Q. And have you been employed by the
- 10 Missouri School Boards Association in this and
- 11 other cases involving the school transportation
- 12 issue?
- 13 A. Yes, I have.
- 14 Q. And were you also instrumental in the
- early 1900s (sic), in fact, writing the statute
- 16 that we're dealing with here today?
- 17 A. Yes, I was.
- 18 Q. Mr. Ervin, we've previously asked the
- 19 court reporter to mark three separate sets of
- 20 exhibits, Exhibit 400, 401 and 402. 401 is your
- 21 direct testimony, is it not? I mean 400, I'm
- 22 sorry, is your direct?
- 23 A. Yes, it is.
- Q. Do you have any additions or
- 25 corrections for the record on that testimony as

Page 344

- well as the exhibits attached thereto?
- 2 A. Not the direct, no.
- 3 Q. Okay. And if I asked you the same
- 4 question for Exhibit 401, are there any corrections
- 5 to that testimony?
- 6 A. Yes. There is a typographical error
- 7 on page 10, line 6. The very last number on that
- 8 line is 07.
- 9 Q. It's 97. It should be 07?
- 10 A. No. It says 07, and it should be 97.
- 11 Does your say 97?
- 12 Q. Mine says 97.
- 13 A. Then there's no error.
- MR. BORGMEYER: I'm sorry. Which
- 15 piece of testimony are we in?
- 16 THE WITNESS: Surrebuttal.
- MR. BROWNLEE: Exhibit 400 on
- 18 page 10. I've asked him about a change that wasn't
- 19 there.
- 20 BY MR. BROWNLEE:
- Q. Okay. Well, that's easy. Let's see
- 22 if I can do better with Exhibit -- with
- 23 Exhibit 402, please. Are there any corrections or
- 24 additions?
- 25 A. Yes. On page 5, line 7, the word if

Page 345

- 1 was left out between even and the. So that line
- 2 should read, the company, even if the company
- 3 receives 50 percent or less of what they requested.
- 4 MR. BORGMEYER: I'm sorry. Could you
- 5 just clarify what piece of testimony that is? I
- 6 don't have --
- 7 MR. BROWNLEE: 402. It's the
- 8 surrebuttal.
- 9 MR. BORGMEYER: Okay. Thank you.
- MR. BROWNLEE: Page 5, line --
- 11 THE WITNESS: 7. It should say, if
- 12 the company receives.
- MR. BORGMEYER: On page 7?
- 14 THE WITNESS: Page 5, line 7.
- MR. BORGMEYER: Page 5, line 7.
- 16 Okay. Sorry about that.
- MR. BROWNLEE: Even if the company.
- 18 MR. BORGMEYER: Thank you. Sorry
- 19 about that.
- 20 MR. BROWNLEE: Sorry. I just
- 21 approached the lawyer, not the witness.
- 22 BY MR. BROWNLEE:
- Q. Mr. Ervin, if I ask you the same
- questions and answers to Exhibits 400, 401 and 402,
- would your responses be the same as printed?

Page 346

- 1 A. Yes, they would.
- MR. BROWNLEE: With that, your Honor,
- 3 I'm going to offer Exhibits 400, 401, 402, and
- 4 tender Mr. Ervin for cross-examination.
- 5 JUDGE JORDAN: Cross-examination from
- 6 the Missouri Propane Gas Association?
- 7 MR. JARRETT: No questions.
- 8 JUDGE JORDAN: Cross-examination from
- 9 Summit?
- MR. COOPER: Yes, your Honor.
- 11 CROSS-EXAMINATION BY MR. COOPER:
- 12 Q. Would you agree with me that the
- 13 process of rate design is generally deciding who
- 14 will pay and how much they will pay in order to
- 15 allow the company the opportunity to recover a
- 16 revenue requirement?
- 17 A. Yes, generally.
- 18 Q. I believe in opening Mr. Brownlee
- 19 talked about some -- well, I don't think he
- specified, but he essentially asked for some
- 21 special consideration that would lower the amount
- 22 to be paid by the schools that are in the school
- 23 aggregation program.
- 24 If those dollars aren't paid by the
- 25 schools in the school aggregation program, who

Page 347

1 should pa	y them?
-------------	---------

- 2 A. I didn't hear him ask that question,
- 3 but I think it was more a matter of when they
- 4 should be paid and whether they should be phased
- 5 in, as opposed to shifting costs to some other
- 6 group.
- 7 Q. Well, let's say that they're phased
- 8 in, and in year one the schools pay something less
- 9 than would be called for by the rate design. Who
- 10 will pay the difference in year one?
- 11 A. Typically the phase-in approaches
- 12 that I've been involved with at the Illinois
- 13 Commerce Commission and the Iowa Utilities Board,
- 14 it's been a -- the company would receive a carrying
- 15 cost and that the same customer group would pay for
- 16 those.
- 17 The case that was just settled in the
- 18 Illinois Commission was the rate phase for grain
- 19 dryers. Because they were experiencing a much
- 20 larger increase than other customers, that would be
- 21 phased in over three years, and that the company
- 22 would get, I don't remember if it was the cost of
- 23 debt or their average cost carrying charge.
- Q. So in that scenario, it ultimately
- 25 gets paid by the same group of customers but with

Page 348 interest at some point in the future, correct? 2 Α. Yes. 3 MR. COOPER: That's all the questions I have. 4 5 JUDGE JORDAN: Cross-examination from 6 Staff? 7 MR. BORGMEYER: Yes, your Honor. CROSS-EXAMINATION BY MR. BORGMEYER: 8 Q. Good afternoon, Mr. Ervin. 10 A. Good afternoon. 11 You are the executive vice president Q. 12 of Latham & Associates; is that correct? 13 Α. Latham, yes. 14 Q. And you're an energy advisor? 15 Α. Yes. 16 Q. And your clients include schools 17 participating in aggregate gas and electric programs in six states? 18 19 Yes. I've helped develop school Α. 20 aggregation programs across multiple states, in 21 those six as well as non-school aggregate programs. 22 Q. And you were a big player in drafting what became 393.310, Revised Statutes of Missouri, 23 24 correct?

Fax: 314.644.1334

Depends on the definition of big

Α.

25

Page 349

- 1 player, but I was original author. And typically
- 2 legislation, as was in this case, doesn't always
- 3 turn out exactly the way you originally draft it.
- 4 Q. But that's what we call the school
- 5 aggregation program statute, right?
- 6 A. Yes, Section 393.310.
- 7 Q. Your direct testimony mentions that
- 8 the Missouri School Board Association uses a
- 9 third-party administrator and advisor; is that
- 10 correct?
- 11 A. The School Board Association employs
- 12 an advisor, which is Latham & Associates. Okay.
- 13 And then they also employ a program administrator
- 14 or pool operator. The pool operator handles the
- 15 day-to-day activities of scheduling deliveries of
- 16 natural gas through the -- from basically the
- 17 source through the pipeline, interstate pipelines
- 18 to deliver to the local utilities. They also do
- 19 the billing and administrative end. Our role is
- 20 providing advice and consultation.
- 21 Q. And what is the name of that
- 22 third-party administrator?
- 23 A. Currently, the name of that company
- 24 is Continuum. They just changed their name from
- 25 Seminal Energy.

Page 350

- 1 Q. And is there any relationship between
- 2 Latham & Associates and that -- that entity you
- 3 just mentioned?
- 4 A. No. We are independent of all gas
- 5 and electric marketers, utilities, pipelines. We
- 6 have no affiliations whatsoever, other than our
- 7 advice.
- 8 Q. Does the advice that you provide the
- 9 MSBA include advice on selecting a third-party
- 10 administrator?
- 11 A. It does.
- 12 Q. Now, prior to the enactment of the
- 13 school aggregation program statute, the schools
- 14 paid a per-meter charge; is that correct?
- 15 A. When the schools -- before the
- 16 aggregation program, was that your question?
- 17 Q. Yes. Before the aggregation program
- 18 was implemented, the schools were paying a
- 19 per-meter charge?
- 20 A. They paid whatever the local
- 21 utility's rate that they qualified for, and I'm not
- 22 sure that that was the case for Summit, because I
- 23 think they went directly to the transportation
- 24 rather.
- 25 But when the program was first

Page 351

- 1 implemented, like for Missouri Gas Energy or
- 2 Laclede or Ameren, those schools had been on the
- 3 sales rate buying gas and delivery services under
- 4 that rate, and most all if not all of those did
- 5 have a customer charge. Does that answer what
- 6 you're looking for?
- 7 Q. I think so. So what you're saying is
- 8 that, prior to the statute, those schools would
- 9 have been in the general service, large general
- 10 service class and receiving retail service from
- 11 Summit under the tariffs?
- 12 A. Not from Summit, because I don't -- I
- 13 think they were pretty much on propane, and then
- 14 they switched directly to the school aggregation
- 15 program. I don't think they preexisted on natural
- 16 gas like they did on Ameren or Laclede or -- and
- 17 then made the switch from natural gas sales service
- 18 to natural gas school transportation service.
- 19 Q. Are there gas meters at those
- 20 schools?
- 21 A. Yes.
- 22 Q. And has there -- has the physical
- 23 meter at any school in the Rogersville district
- 24 changed since the school aggregation program began?
- 25 A. I don't think so. If it -- if they

Page 352

- 1 did, it was at the company's discretion for some
- 2 research information. Under the statute, only
- 3 those schools that are less than 100 -- excuse
- 4 me -- that are over 100,000 therms per year require
- 5 the electronic telemetry for the daily information
- 6 to be fed back to the company and the pipelines.
- 7 And all of these schools in the -- in
- 8 the program that are served by this company are
- 9 smaller than that. So none of them -- I mean, it's
- 10 the same meter as if they were on the sales
- 11 service.
- 12 Q. Okay. And so then my question is,
- 13 the enactment of the school aggregation program
- statute did not directly result in any physical
- 15 changes to the meters at any of the schools in the
- 16 Rogersville area?
- 17 A. No, because the statute was enacted
- 18 about 2002, and most of these schools didn't switch
- 19 until after 2002. But their switch, again, wasn't
- 20 from company-provided gas under the sales rate to
- 21 the school aggregation program. Their switch was
- 22 from propane to the school aggregation program,
- 23 which is pretty much different than all the other
- 24 utilities in this state.
- 25 Q. So is it your position in this case

Page 353

- 1 that the schools should pay less than their cost of
- 2 service?
- 3 A. No, not at all.
- 4 Q. Is it your position that the schools
- 5 should pay more than their cost of service?
- 6 A. No.
- 7 MR. BORGMEYER: No further questions.
- 8 JUDGE JORDAN: Cross-examination from
- 9 the Office of Public Counsel?
- MR. POSTON: Yes. Thank you.
- 11 CROSS-EXAMINATION BY MR. POSTON:
- 12 Q. Were you in the room yesterday during
- 13 the general open statements?
- 14 A. No, I was not.
- 15 Q. Okay. So you weren't here, then, to
- 16 hear, I guess, some percentage impacts that your
- 17 counsel gave regarding the impacts that the
- 18 proposed rate increase would have on the schools?
- 19 A. I wasn't here, but I had conversed
- 20 with our counsel.
- 21 Q. The percentages that he gave were in
- 22 80 percent range, even up to 90 percent. Does that
- 23 sound consistent with your understanding of what
- 24 the impacts would be?
- 25 A. The answer to that is yes, but

Page 354

- 1 understand that that 80 percent is -- consists of
- 2 three components: This rate increase, plus the
- 3 rate increase that they got effective at the
- 4 beginning of this year. When the test year 2013
- 5 flex rates were withdrawn, the company unilaterally
- 6 pulled those contracts and said, you're going to
- 7 start paying the full rate.
- 8 So that was -- well, for Lebanon,
- 9 that was like a little over a 30 percent increase.
- 10 On average, it was probably closer to 11 percent
- 11 increase. And then these increases are on the
- 12 range -- I've got an exhibit here that shows that.
- 13 They vary from -- the Staff's numbers were in the
- 14 50s for the most part, 50 percent increase. But
- 15 that was based upon the test year, which the test
- 16 year still had those lower flex rates. So we got
- 17 that increase on top of that.
- And then the third increase would be,
- 19 per the provisions, there will be a cash out. And
- 20 while that is dependent upon various actions,
- 21 that's probably about another 20 percent increase.
- 22 So in total, the schools for Lebanon
- 23 would be -- well, I calculated 97 and a half
- 24 percent increase for Lebanon, and most of the
- 25 others are in the 70 to 80 percent range. So I

Page 355

- 1 concur with that 80 percent is a reasonably average
- 2 number.
- 3 Q. And that -- you've been in the room
- 4 today during -- I guess earlier today there was
- 5 testimony about that this increase was just on the
- 6 non-gas costs versus the overall cost of service,
- 7 which would include gas costs. Did you hear that
- 8 testimony?
- 9 A. I did. But understand that the only
- 10 thing under the jurisdiction of the Commission is
- 11 the delivery cost. The cost of gas in the
- 12 marketplace is open competition. The price for the
- 13 delivery through the interstate pipeline is under
- 14 the Federal Energy Regulatory Commission's
- 15 jurisdiction.
- But, you know, if you put in the cost
- 17 of gas that the schools are paying -- and
- 18 Mr. Imhoff didn't have that, but I do -- we're
- 19 paying about \$4 per million BTUs on open market
- 20 delivered to the Summit system through Southern
- 21 Star Pipeline.
- 22 And if you -- if you roll that in
- 23 before the flex rate went away, that delivery
- 24 charge was about 45 percent of the total bill.
- 25 Okay. Now, most utilities, that deliver charge is

Page 356

- 1 20, 30 percent. So Summit was considerably higher
- 2 before that.
- 3 After that flex rate went away, the
- 4 delivery charge then became the dominant part of
- 5 the total bill. It went up to a little over
- 6 60 percent of the total bill. And with the
- 7 cash-out, it's going to be right at 70 percent of
- 8 the total bill.
- 9 So when you look at, say, an Ameren
- 10 or a Laclede or Missouri Gas Energy, they may have
- 11 30 percent of the total bill as a delivery charge,
- 12 but based upon all of these increases, it's going
- 13 to be about 70 percent for the schools on Summit.
- 14 So the delivery charge becomes by far the dominant
- 15 piece.
- MR. POSTON: That's all I have.
- 17 Thank you.
- JUDGE JORDAN: Questions from the
- 19 Bench?
- 20 CHAIRMAN KENNEY: No, thank you.
- 21 COMMISSIONER W. KENNEY: Yes.
- 22 QUESTIONS BY COMMISSIONER W. KENNEY:
- Q. Thank you, Mr. Ervin. Just a
- 24 follow-up question first. Why are Summit's
- delivery charges so high compared to Missouri Gas

Page 357

- 1 Energy or Laclede?
- 2 A. Well, just from a general point of
- 3 view --
- 4 Q. I mean, just take Staff's projections
- 5 for their increase as an example.
- 6 A. Well, I'm not testifying on the
- 7 revenue requirement, but I can tell you -- I think
- 8 I can answer your question pretty well, and that is
- 9 that Summit is a relatively new utility. Their
- 10 plant that's in service is relatively new compared
- 11 to Missouri Gas Energy or Laclede. It's not
- 12 heavily depreciated.
- 13 And furthermore, it's in the southern
- 14 part of Missouri that is rocky. It costs more to
- 15 install. So new plant, higher -- today's costs,
- 16 less depreciation, and then it's fairly rural area,
- 17 and it doesn't have a lot of volume over which to
- 18 spread those higher costs.
- So I'm not surprised that Summit has
- 20 a higher cost for delivery, and I don't -- does
- 21 that come close to answering your question?
- 22 Q. You stated the reasons why, because
- 23 it's rural, fewer customers, soil type and
- everything like that, right? So you expect them to
- 25 have a higher --

Page 358

- 1 A. Yeah. I fully expect them to have a
- 2 higher price.
- 3 Q. Now, have you worked with many --
- 4 because this situation, I imagine these 11 school
- 5 districts -- I don't know how many of them
- 6 converted from propane.
- 7 A. I think all of them did.
- 8 Q. So they all converted from propane.
- 9 Have you worked with a lot of school districts that
- 10 have done that?
- 11 A. Yes. In fact, I was responsible for
- 12 the State of Iowa's natural gas system for what's
- 13 now Alliant Energy, and we installed 500 miles of
- 14 pipe connecting up 52 new communities, and we did
- 15 the same thing that Summit's doing. We went around
- 16 and competed with propane to -- for residential,
- 17 commercial, schools. We tried to connect as much
- 18 as we could to spread these fixed costs basically
- 19 of overheads and buried pipe.
- Q. Why would these 11 school districts,
- 21 why would they choose to go off of propane and go
- 22 onto natural gas?
- 23 A. Well, a lot of it had to do with the
- 24 flex lower rates that were offered to them at the
- 25 time and the no-cost conversion.

Page 359

- 1 Q. Which is mainly con-- okay. That's
- 2 not counting the pipes Summit has to run, but the
- 3 conversions, you're talking at the burner tips, at
- 4 the furnace, at the water heater?
- 5 A. That and the service line and --
- 6 O. But those are new service lines. If
- 7 they're doing propane, it's usually a tank and it's
- 8 **a** --
- 9 A. Right.
- 10 Q. -- copper line probably from way
- 11 back. So they had to do all that. But does
- 12 anything prevent those school districts from going
- 13 back to propane?
- 14 A. Nothing other than economics.
- 15 Q. Well, explain the economics. Is it
- 16 very expensive to replace -- to convert a burner
- 17 tip at a furnace?
- 18 A. Not if all you have to do is change
- 19 the orifice, but most of these pipes -- propane
- 20 systems probably are -- have been dormant or else
- 21 torn out. So you'll probably have to do some
- 22 repiping as well as just right at the burner tip.
- 23 But still, there's -- I mean, it becomes a question
- 24 of, well, what does it cost and --
- 25 **Q. Sure.**

Page 360

- 1 A. -- where am I better off?
- 2 Q. The only reason I bring that up,
- 3 because when I was at one of the local public
- 4 hearings, a lot of the chicken farmers were
- 5 complaining about that because they're saying, hey,
- 6 we hooked up because it saved us money and we
- 7 didn't have to worry about the spikes, and now
- 8 they're going to raise our rates.
- 9 I'm a propane user, so I understand
- 10 cost spikes. And I have a friend who's a big hog
- 11 farmer, and last year you saw a lot of the problems
- 12 in propane with some contracts not being met
- 13 because of economic conditions because of the --
- 14 the companies really just losing money trying to
- buy propane on the open market. They didn't have
- 16 enough contracts.
- I guess what I'm getting to, probably
- 18 the economic reason the schools switched is for a
- 19 lot -- I mean, for -- it's an easier system. You
- don't have to look at a tank. And economically it
- 21 probably cost less money, and they probably
- 22 projected less money in the future; wouldn't you
- 23 agree?
- A. I think that's right, but I don't
- 25 know that those projections are necessarily

Page 361

- 1 accurate given the change in circumstances. When
- 2 they went from about 45 percent of their bill for
- 3 delivery to 75 or 80 percent, the economics
- 4 changed.
- 5 But there's another dynamic there
- 6 that really changed, too, and that is over the
- 7 last -- really since they've converted, natural gas
- 8 prices are about what I negotiated in 1984. And a
- 9 lot of that has to do with the shale oil extr-- the
- 10 shale extraction process.
- 11 So when you look at fluctuations on
- 12 propane, that's a market price that we don't have
- 13 control over. The Commission doesn't have
- 14 jurisdiction.
- 15 Q. Our legislature was working on that
- last year to try to put the propane industry
- 17 underneath the Commission.
- 18 A. Well, the commodity part of it or
- 19 just the --
- 20 Q. Yeah. I don't know.
- 21 A. Anyway, but the -- but then you're
- 22 always trying to compare all the different fuels.
- 23 You're comparing what's the price of fuel oil,
- 24 what's the price of heating schools with
- 25 electricity? I mean, there was a lot of electric

Page 362

- 1 heating done particularly on the Ameren system and
- 2 in the rural areas at different times. What is it
- 3 for propane? What is it for geothermal? Can I
- 4 extract heat out of the ground? So whether it's a
- 5 school or --
- 6 Q. Let's just stick to propane and
- 7 natural gas just for this discussion.
- 8 A. Okay.
- 9 Q. And I'll probably be just one more
- 10 question. With these new rates that are proposed
- 11 by the company, under current average of propane
- 12 over the last five years, would it -- is it
- 13 feasible -- would it be feasible for these
- 14 districts to stay where they are or would they be
- 15 better off with propane, at the current costs that
- are suggested by the company?
- 17 A. I don't know what the average price
- 18 of propane was, but I can tell you this, that if
- 19 you base that decision on what it was over the last
- 20 five years, you probably missed the boat because
- 21 that's not what the price is going to be over the
- 22 next five years.
- Q. What's propane going to do over the
- 24 next five years?
- 25 A. I wish I knew and I could charge

Page 363

- 1 more.
- Q. I was going to say, I'll call my
- 3 broker.
- 4 A. I can tell you what the price of
- 5 natural gas is going to be if you sign -- if you go
- 6 out to the New York Mercantile Exchange and you
- 7 lock in the futures, it's about \$4 today through
- 8 this next winter.
- 9 Q. It's projected to stay very low for
- 10 the next --
- 11 A. It is.
- 12 Q. -- several years.
- 13 A. And the industry is saying that
- 14 probably in the next 20, 30 years, we're going to
- 15 see lower prices. But I can also tell you that my
- 16 hair was darker than yours when they told me that I
- 17 could not hook up -- when I was responsible for a
- 18 utility gas system, I could not hook up any more
- 19 gas customers because we were running out of gas
- 20 supply.
- 21 Q. I think I remember that. Thank you
- very much, Mr. Ervin. Appreciate you coming down
- 23 from Iowa.
- 24 QUESTIONS BY COMMISSIONER STOLL:
- 25 Q. One question. Could you explain the

Page 364

# 1 term cash out?

- 2 A. Yes. Cash out is a result of a
- 3 difference, which is called an imbalance, between
- 4 the amount of gas that is delivered to the utility
- 5 and how much is actually used.
- 6 So if you deliver to 79 school
- 7 accounts off from the interstate pipeline 100 units
- 8 and at the -- for the month, and at the end of the
- 9 month you read all these 79 meters and you add them
- 10 up and there were 99, then you're out of balance by
- 11 one unit that you delivered too much.
- So the company -- I'll come back to
- 13 that. But on the other hand, if you used 101 and
- 14 you delivered 100, then you used one that wasn't
- 15 yours. The company supplied it.
- So what Laclede and Missouri Gas
- 17 Energy and what this company has been doing for the
- 18 school program is we've been paying what's called a
- 19 balancing charge, and that's in that statute,
- 20 393.310. So the schools pay to have the company
- 21 either absorb our extra that we've delivered or
- 22 provide what we were short on, and there's some
- 23 cost associated with that, and that's -- that's a
- 24 balancing charge.
- 25 But at the end of this case, the

Page 365

- 1 proposal that's stipulated to is that they won't
- 2 carry that balance over to next month and say,
- 3 okay, you were short by one unit, so you owe us one
- 4 and pay us back, or vice versa. They're saying,
- 5 whoever owes, either you pay us or we pay you, and
- 6 that's called a cash out.
- 7 Q. Okay. Good explanation. Thank you.
- A. You bet.
- 9 JUDGE JORDAN: I have no questions.
- 10 Before you leave the stand, I want to clarify the
- 11 record on something. I'm going to ask
- 12 Mr. Brownlee, Missouri School Boards Association
- 13 has offered the following exhibits, if I remember
- 14 correctly. They are 400, 401, 402 and 403, and
- 15 that's all?
- 16 MR. BROWNLEE: I was going to -- I
- 17 had a minute to redirect. I may have one more,
- 18 yeah, that he's brought up in this testimony.
- 19 JUDGE JORDAN: That's fine. Let's go
- 20 to recross then. Missouri Propane Gas Association?
- MR. JARRETT: No questions.
- JUDGE JORDAN: Summit?
- MR. COOPER: No questions.
- JUDGE JORDAN: Recross from Staff?
- MR. BORGMEYER: No questions, your

Page 366 1 Honor. 2 JUDGE JORDAN: Recross from the 3 Office of Public Counsel? 4 MR. POSTON: No questions. 5 JUDGE JORDAN: Then we'll go to redirect. REDIRECT EXAMINATION BY MR. BROWNLEE: 7 8 Q. Mr. Ervin, during the cross-examination and questions from the Bench, you 10 mentioned and were asked questions about the Staff 11 proposal which was in the data request that 12 Mr. Imhoff identified that had the two-part 13 increase, and then you mentioned the flex rate as 14 well as the cash out; is that correct? 15 Α. Yes. 16 And have you, in fact, prepared an 17 exhibit that outlines those and that is -- explains in detail that for your -- that was addressed in 18 your testimony? 19 20 Yes. What I've done is essentially 21 the same thing that Mr. Imhoff did, is I added the cost of gas but not using the PGA. I used market 22 price that the schools purchase at. And then I 23 24 also used the -- or I showed the increase due to the loss of the flex rate and also the estimated 25

Page 367

- 1 increase of about 20 percent due to the cash-out
- 2 provision.
- 3 Q. So it includes all three of the
- 4 factors that you mentioned, it has beginning cost
- 5 of the transportation, plus the percentage for the
- 6 loss of the flex rate when they switched from
- 7 propane to gas plus the cash out; is that correct?
- 8 A. It is.
- 9 Q. And has that been set forth in
- 10 Exhibit 404?
- 11 A. Yes.
- MR. BROWNLEE: At this time, your
- 13 Honor, I'm going to ask the court reporter to mark
- 14 Exhibit 404.
- 15 (MSBA EXHIBIT NO. 404 WAS MARKED FOR
- 16 IDENTIFICATION BY THE REPORTER.)
- 17 BY MR. BROWNLEE:
- 18 Q. Mr. Ervin, I've handed you what we've
- 19 asked the court reporter to mark Exhibit 405 (sic)
- and ask if you would identify that, please.
- 21 A. Yes. This is an exhibit I prepared.
- 22 Q. And quickly, does it have the --
- 23 A. Excuse me. Did you say 405?
- 24 Q. 404.
- 25 A. Yes.

Page 368

- 1 Q. And if you look at that exhibit,
- what's really, with the cover sheet, the second
- 3 page, the part that Mr. Imhoff testified is really
- 4 the second column, is it not, the Staff proposed
- 5 two-part increase?
- 6 A. That is -- that is the second column
- 7 that the Staff had before they added the PGA.
- 8 Q. Correct. But just on what they
- 9 originally supplied with the answer to the data
- 10 request, that's correct, is it not?
- 11 A. Yes. Those are Staff numbers.
- 12 Q. Correct. Do you also have columns
- 13 with the pre -- the 2013 pre-loss of the flex to
- 14 show the increase?
- 15 A. Yes.
- 16 Q. And that would be the next to the
- 17 last column. And then finally is the third column
- 18 the cash-out additive?
- 19 A. Correct.
- 20 Q. And so those figures in that -- the
- very final column would be the total according to
- 22 your testimony and your analysis of what would be
- 23 impacted to the school districts; is that correct?
- A. Yes, as a percentage increase on the
- 25 delivery charge only.

Page 369

- 1 Q. Okay.
- 2 A. The other percentages down lower
- 3 include the cost of gas.
- 4 Q. The cost of gas. And that was the --
- 5 that was really the question that Commissioner
- 6 Kenney asked yesterday, the breakdown between what
- 7 we're talking about today are the transportation
- 8 side, and then you've also included the gas side at
- 9 the bottom of this exhibit, have you not?
- 10 A. Yes.
- 11 Q. And that's what you testified to
- 12 earlier, that many cases that transportation cost
- is 20 to 30 percent, but with these additives and
- 14 these numbers added up in this case it's going to
- 15 be approximately 70 percent; is that correct?
- 16 A. Yes. My calculation shows 69 percent
- 17 as an estimate.
- 18 Q. And wouldn't it also be true that
- 19 when we look at that percentage, the other
- 20 remaining of the 100 would be the gas costs that
- 21 Commissioner Kenney and others have addressed
- 22 today?
- 23 A. That's right.
- 24 MR. BROWNLEE: At this time I'm going
- 25 to offer Exhibit 404. Thank you.

Page 370 1 JUDGE JORDAN: Objections? 2 MR. BROWNLEE: I have no further 3 questions. MR. BORGMEYER: I would just -- your 4 5 Honor, I would just say that this is the first time any of the parties have seen this, and I quess 6 7 Mr. Brownlee was allowed to cross on his new exhibit. I think the parties should have an 8 opportunity to ask some cross on this one. 10 JUDGE JORDAN: All right. Why don't 11 we just go ahead and do this in the order of cross, 12 and we'll take inquiries from the Bench, if there 13 are any. Then we will start with Missouri Propane 14 Gas Association. 15 MR. JARRETT: No, thank you. 16 JUDGE JORDAN: Summit, any questions 17 regarding this exhibit? 18 MR. COOPER: Yes, your Honor. 19 VOIR DIRE EXAMINATION BY MR. COOPER: 20 Mr. Ervin, you added, it looks like, Q. 21 a 20 percent increase associated with the cash-out 22 provision. As I understood your answer to 23 Commissioner Stoll, it sounded as if the influence 24 of the cash-out is due to the shipper's decisions, 25 activities, how they conduct their nominations and

Page 371

- 1 the gas they use; is that correct?
- 2 A. Partially.
- 3 Q. So cash-out -- in a perfect world,
- 4 the cash-out would be zero, correct?
- 5 A. For most utilities, yes. Not for
- 6 this one.
- 7 MR. COOPER: Okay. That's all the
- 8 questions I have.
- 9 JUDGE JORDAN: Staff?
- 10 VOIR DIRE EXAMINATION BY MR. BORGMEYER:
- 11 Q. So it's true that the level of
- 12 cash-out is dependent on the activities of the
- 13 purchaser; is that correct?
- 14 A. For this company, it depends upon the
- 15 actions of the company and the purchaser and those
- 16 factors that neither have control over.
- Q. Can you explain that?
- 18 A. Sure. First of all, schools are
- 19 relatively small volumes, and that's why when the
- 20 industry started opening up after the Federal
- 21 Energy Regulatory Commission started basically
- 22 breaking up the -- from the wellhead to the meter
- 23 and companies started focusing on the local
- 24 delivery service, like Summit and Missouri Gas
- 25 Energy and so on.

Page 372

- But you go back to the periods when
- 2 it was People's Gas and Aquila and then -- what are
- 3 they now -- Liberty, those companies own pipelines.
- 4 They own gas reserves. They own all the way to the
- 5 meter.
- And in the mid 1980s, that industry
- 7 was broken up, much like the phone industry was
- 8 broken up, and consumers were able to purchase
- 9 third-party gas and pay the pipelines, contract
- 10 with the pipelines for delivery, and the utilities
- 11 charge for the delivery of this third-party gas
- 12 rather than supplying it. That was called
- 13 transportation service.
- But that service for about the first
- 15 decade to about the mid 1990s was pretty much
- 16 exclusively for the very largest, like the
- 17 Monsantos of the world, because they were able to
- 18 get out into the marketplace, buy the gas, do all
- 19 the administrative work, do the day-to-day
- 20 nominations, do the contracting.
- 21 And it wasn't until about the mid
- 22 1990s that the wave started moving across the
- 23 country where you started having aggregation
- 24 groups. And that's when the Kansas schools, the
- 25 Iowa schools, the Nebraska schools, grain dryer

Page 373

- 1 associations, like in the Chicago area all of
- 2 the -- the association for the buildings, all the
- 3 owners of those high rises, they formed an
- 4 association and they started going to the
- 5 marketplace. And they didn't have all the in-house
- 6 expertise that maybe a Monsanto did, but they went
- 7 to a third-party program administrator and pool
- 8 operator and they contracted for those services and
- 9 they started aggregating them.
- 10 That was happening in Iowa that I was
- 11 part of, and then it was -- it came to Kansas and I
- 12 was part of that. And then the subject came up in
- 13 Missouri, and we put together that Section 393
- 14 Revised Statute of Missouri 310 and addressed those
- issues that prohibited the smaller customers from
- 16 looking like, in aggregate, a big customer. And
- 17 that had to do with eliminating some of those
- 18 expensive telemetry charges that we talked about
- 19 earlier, I think.
- 20 And as a result of that, a very large
- 21 transport customer -- they know, every day they can
- look on their computer, the company can look on
- 23 their computer, and the pipelines can look on their
- 24 computer and they will know exactly how much gas
- 25 was delivered today and how much gas they used, so

Page 374

- 1 that they could very closely minimize that
- 2 imbalance that we talked about earlier.
- For schools, some of the smaller
- 4 grain dryers, other smaller entities that are
- 5 aggregating, they kept that same meter that you
- 6 talked about earlier or we talked about earlier.
- 7 So they don't know every day. They have -- they
- 8 have good indicators. They can look at what the
- 9 temperature forecast is and they can say, okay, we
- 10 know that yesterday we -- or our average was thus
- and such for the month, but it's older tomorrow.
- 12 So we can bump up our deliveries, but you do not
- 13 know on a day-to-day basis how much out of balance
- 14 you are until you get to the end of the month and
- 15 you read the meter and then you -- then you know.
- Okay. So what happens with this
- 17 company is, sometimes the total deliveries for
- 18 their whole system at the meter where the pipeline
- 19 delivers is different than what all of the
- 20 different transport companies -- or customers, like
- 21 asphalt companies, and even though schools use
- 22 very, very little natural gas during the summer
- 23 months, there are days that the company tells us
- 24 what you nominated to get delivered is not what
- 25 you're going to get. You're going to get allocated

Page 375

- 1 a smaller amount.
- 2 So when I said it also depends upon
- 3 the company's action, that's what I was referring
- 4 to, or the pipeline's action or action by whomever
- 5 to reduce what we said we wanted versus what we
- 6 actually get.
- 7 The other variables are the unknowns.
- 8 You don't know precisely what every day is going to
- 9 be. I mean, you can do -- you can develop
- 10 algorithms. One company, Mid-American Energy, the
- 11 Warren Buffet owned company --
- 12 Q. I think we'll stipulate that no one
- 13 here can predict the future. So I get that.
- 14 A. Well, but some of them say that they
- 15 can get very, very close.
- 16 Q. Are the schools in Summit's area, are
- 17 they regularly out of balance?
- 18 A. I saw some data that shows that they
- 19 are. I think their --
- Q. That was just a yes or no question.
- 21 So yes, they are, is that your answer?
- 22 A. I think all schools are, yeah.
- Q. Wouldn't you agree that paying
- 24 cash-outs would make the schools watch their
- 25 imbalances more closely?

Page 376 1 A. Yes. 2 MR. BORGMEYER: Thank you. 3 JUDGE JORDAN: Office of Public Counsel, any inquiry regarding this exhibit? 4 5 MR. POSTON: No, thank you. 6 JUDGE JORDAN: Questions from the 7 Bench? COMMISSIONER STOLL: No further 8 questions. 10 COMMISSIONER W. KENNEY: No, thank 11 you. 12 JUDGE JORDAN: I don't have any questions. Redirect as to this -- as to this 13 14 exhibit? 15 MR. BROWNLEE: No. I just want to reoffer Exhibits 400, 401, 402, 403 and 404. 16 17 JUDGE JORDAN: Very good. And I'm 18 not hearing any objection to that, so I will enter 19 those into the record. (MSBA EXHIBIT NOS. 400 THROUGH 404 20 21 WERE RECEIVED INTO EVIDENCE.) 22 MR. BROWNLEE: Thank you. JUDGE JORDAN: Thank you. You may 23 stand down. One more thing. Do we have one extra 24 Exhibit 404 for Commissioner Rupp? 25

		Page 377
1	MR. BROWNLEE: Yes, I do.	rage 377
2	JUDGE JORDAN: Very good. We'll go	
3	back to the top of our order of witnesses.	
4	MR. BROWNLEE: May I be excused	
5	again?	
6	JUDGE JORDAN: You may.	
7	MR. BROWNLEE: Thank you.	
8	JUDGE JORDAN: And we are ready to	
9	hear evidence from Summit on this issue.	
10	MR. COOPER: Summit would call	
11	Mr. Kent Taylor.	
12	(Witness sworn.)	
13	KENT TAYLOR testified as follows:	
14	DIRECT EXAMINATION BY MR. COOPER:	
15	Q. Please state your name.	
16	A. Kent D. Taylor.	
17	Q. By whom are you employed and in what	
18	capacity?	
19	A. KTM, Incorporated, and I'm the	
20	chairman.	
21	Q. And are you appearing on behalf of	
22	Summit Natural Gas of Missouri, Inc. in this	
23	proceeding?	
24	A. Yes.	
25	Q. Have you caused to be prepared for	

Page 378

- 1 purposes of this proceeding certain direct and
- 2 rebuttal testimony in question and answer form?
- 3 A. Yes.
- 4 Q. Is it your understanding that that
- 5 testimony has been marked as Exhibits 16 and 17 for
- 6 identification?
- 7 A. Yes.
- 8 Q. If I were to ask you the questions
- 9 which are contained in Exhibits 16 and 17 today,
- 10 would your answers be the same?
- 11 A. Yes.
- 12 O. Are those answers true and correct to
- 13 the best of your information, knowledge and belief?
- 14 A. Yes.
- MR. COOPER: Your Honor, I would
- 16 offer Exhibits 16 and 17 into evidence and tender
- 17 the witness for cross-examination.
- JUDGE JORDAN: Not hearing any
- 19 objections, Exhibit 16 and 17 are admitted into the
- 20 record.
- 21 (SUMMIT EXHIBIT NOS. 16 AND 17 WERE
- 22 RECEIVED INTO EVIDENCE.)
- 23 JUDGE JORDAN: Cross-examination from
- 24 Missouri Propane Gas Association?
- MR. JARRETT: No questions.

Page 379 JUDGE JORDAN: Missouri School Boards 1 2 Association is still present. Any 3 cross-examination? 4 MR. BROWNLEE: No questions. 5 JUDGE JORDAN: Cross-examination from 6 the Office of Public Counsel? 7 MR. POSTON: Yes. Thank you. I've 8 got another exhibit to mark. I believe we're at 214. 9 10 (OPC EXHIBIT NO. 214 WAS MARKED FOR IDENTIFICATION BY THE REPORTER.) 11 BY MR. POSTON: 12 Mr. Taylor, I've handed you what's 13 Q. 14 been marked as Exhibit 214. Do you recognize this 15 document? 16 Α. Yes. 17 Q. Can you describe what this is? It is --18 Α. 19 Let me just ask this: Is this a Q. 20 data request from Public Counsel to Summit that you 21 provided the answer for? 22 A. Yes. 23 Q. And it's actually more than one data 24 request, because if you flip back through, you'll 25 see several data requests attached to this. If you

Page 380

- 1 take a moment to look through. I believe you
- 2 provided all of these answers to these data
- 3 requests that were submitted in this case.
- 4 A. Yes, I recall, and I also note that
- 5 the documents were prepared on -- or prepared
- 6 and/or submitted May 21st of this year.
- 7 MR. POSTON: Your Honor, I offer
- 8 Exhibit 214 into the record.
- 9 JUDGE JORDAN: And I'm not hearing
- 10 any objections to Exhibit 214, so I will receive it
- 11 in into the record.
- 12 (OPC EXHIBIT NO. 214 WAS RECEIVED
- 13 INTO EVIDENCE.)
- MR. POSTON: Thank you. That's all I
- 15 have.
- 16 JUDGE JORDAN: Cross-examination from
- 17 Staff?
- MR. BORGMEYER: No, your Honor.
- 19 JUDGE JORDAN: Questions from the
- 20 Bench?
- 21 CHAIRMAN KENNEY: No, thank you.
- JUDGE JORDAN: I have no questions
- 23 for this witness. We did have cross, though, so we
- 24 have the opportunity for redirect.
- MR. COOPER: No, thank you, your

		Page 381
1	Honor.	
2	JUDGE JORDAN: Then you may stand	
3	down.	
4	MR. COOPER: We would call Mr. Tyson	
5	Porter.	
6	JUDGE JORDAN: Mr. Porter, you've	
7	already been sworn, so I will not administer the	
8	oath again.	
9	THE WITNESS: Thank you.	
10	MR. COOPER: We would offer	
11	Mr. Porter or tender him for cross-examination.	
12	JUDGE JORDAN: All right.	
13	Cross-examination on this issue from Missouri	
14	Propane Gas Association?	
15	MR. JARRETT: No, thank you, Judge.	
16	JUDGE JORDAN: Missouri School Boards	
17	Association has been excused. Office of the Public	
18	Counsel?	
19	MR. POSTON: No questions.	
20	JUDGE JORDAN: Any cross-examination	
21	from Staff?	
22	MR. BORGMEYER: No, your Honor.	
23	JUDGE JORDAN: Questions from the	
24	Bench for this witness on this issue?	
25	CHAIRMAN KENNEY: No, thank you.	

Page 382 1 COMMISSIONER W. KENNEY: No, sir. 2 JUDGE JORDAN: Very well. Then we 3 will require no recross, no redirect. You may 4 stand down. 5 THE WITNESS: Thank you. 6 JUDGE JORDAN: Next case in chief on 7 this issue is from the Office of Public Counsel. MR. POSTON: We call Barbara 8 Meisenheimer. 9 10 JUDGE JORDAN: And I swore you in already, and so you're still under oath. 11 12 MR. POSTON: I tender her for 13 cross-examination. 14 JUDGE JORDAN: Cross-examination from 15 Staff? 16 MR. BORGMEYER: No questions, your 17 Honor. 18 JUDGE JORDAN: Any cross-examination from the Missouri Propane Gas Association on this 19 20 issue? 21 MR. JARRETT: No questions. 22 JUDGE JORDAN: Summit? 23 MR. COOPER: No questions, your 24 Honor. 25 JUDGE JORDAN: Questions from the

		Page 383
1	Bench for this witness on this issue?	C
2	CHAIRMAN KENNEY: No, thank you.	
3	COMMISSIONER STOLL: Thank you.	
4	JUDGE JORDAN: So no cross, no	
5	redirect, and you may stand down.	
6	THE WITNESS: Thank you.	
7	JUDGE JORDAN: According to my	
8	revised list of witnesses, that concludes the	
9	testimony for today. Am I correct in that?	
10	MR. COOPER: I believe so, your	
11	Honor.	
12	JUDGE JORDAN: All right. Anything	
13	else before we go off the record and adjourn until	
14	Friday, since we will not need Thursday which was	
15	reserved for anything we didn't get to? Not seeing	
16	anything.	
17	The Commission will reconvene at 9	
18	a.m. on Friday morning. Until then, we're off the	
19	record and adjourned 'til Friday.	
20	(WHEREUPON, the hearing was adjourned	
21	at 1:58 p.m.)	
22		
23		
24		
2.5		

			Page 384
1	I N D E X		
2	RATE INCREASE/AMOUNT, AMORTIZATION AND IMPU		
	OF MINIMUM LEVEL OF VOLUMES, MISCELLANEOUS	TARIFF	
3	ISSUES		
4	Opening Statement by Mr. Cooper	234	
	Opening Statement by Mr. Borgmeyer	240	
5	Opening Statement by Mr. Poston	241	
	Opening Statement by Mr. Jarrett	243	
6			
7	SUMMIT'S EVIDENCE:		
8	TIMOTHY JOHNSON		
	Direct Examination by Mr. Cooper	248	
9	Cross-Examination by Mr. Jarrett	250	
	Cross-Examination by Mr. Poston	253	
10	Redirect Examination by Mr. Cooper	270	
11	TYSON PORTER		
	Direct Examination by Mr. Cooper	274	
12	Cross-Examination by Mr. Poston	276	
	Redirect Examination by Mr. Cooper	279	
13			
	STAFF'S EVIDENCE:		
14			
1 -	AMANDA McMELLEN	0.01	
15	Direct Examination by Mr. Borgmeyer	281	
1.0	Cross-Examination by Mr. Poston	284	
16	Redirect Examination by Mr. Borgmeyer	285	
17	LESA JENKINS	0.0.6	
1.0	Direct Examination by Mr. Borgmeyer	286	
18	ODG LG BUTDENGE		
1.0	OPC'S EVIDENCE:		
19	BARBARA MEISENHEIMER		
2.0		0.00	
20	Direct Examination by Mr. Poston	288	
0.1	Cross-Examination by Mr. Borgmeyer	292	
21	Cross-Examination by Mr. Cooper	293	
2.0	Redirect Examination by Mr. Poston	295	
22	Questions by Commissioner W. Kenney	298	
23	MPGA'S EVIDENCE:		
24	BRIAN BROOKS	201	
2.5	Direct Examination by Mr. Jarrett	301	
25	Cross-Examination by Mr. Cooper	302	

		Page 385
1 MISCELLANEOUS TARIFF ISSUES		
PROMOTIONAL PRACTICES AND CONVERSION ISS	SUES,	
2 COMMODITY FLEX RATE	•	
3 Opening Statement by Ms. Carter	303	
Opening Statement by Mr. Poston	305	
4		
SUMMIT'S EVIDENCE:		
5		
MARTHA WANKUM		
6 Direct Examination by Ms. Carter	306	
Cross-Examination by Mr. Poston	308	
7		
OPC'S EVIDENCE:		
8		
BARBARA MEISENHEIMER	310	
9		
RATE DESIGN AND RATE SHOCK		
10 CUSTOMER CHARGES, EQUAL PERCENTAGE APPLICAT	CION OF	
ANY RATE INCREASE		
11		
Opening Statement by Mr. Cooper	312	
12 Opening Statement by Mr. Borgmeyer	314	
Opening Statement by Mr. Poston	315	
13 Opening Statement by Mr. Brownlee	317	
14 STAFF'S EVIDENCE:		
15 THOMAS M. IMHOFF	0.0.4	
Direct Examination by Mr. Borgmeyer	324	
16 Cross-Examination by Mr. Poston	326	
Cross-Examination by Mr. Brownlee	327	
17 Cross-Examination by Mr. Cooper	334	
Redirect Examination by Mr. Borgmeyer	335	
Voir Dire Examination by Mr. Brownlee	340	
Voir Dire Examination by Mr. Cooper	341	
19 Questions by Commissioner Stoll	342	
MSBA'S EVIDENCE:		
LOUIE ERVIN, SR.	2.40	
21 Direct Examination by Mr. Brownlee	342	
Cross-Examination by Mr. Cooper	346	
22 Cross-Examination by Mr. Borgmeyer	348	
Cross-Examination by Mr. Poston	353	
Questions by Commissioner W. Kenney	356	
Questions by Commissioner Stoll	363 366	
24 Redirect Examination by Mr. Brownlee	366 370	
Voir Dire Examination by Mr. Cooper Voir Dire Examination by Mr. Borgmeyer	370 371	
Voir Dire Examination by Mr. Borgmeyer	J / I	

			Page 386
1	SUMMIT'S EVIDENCE:		
2	KENT TAYLOR		
	Direct Examination by Mr. Cooper	377	
3	Cross-Examination by Mr. Poston	379	
4	TYSON PORTER	381	
5	OPC'S EVIDENCE:		
6	BARBARA MEISENHEIMER	382	
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			

				Page 387
1 2	EXHIBITS INDEX SUMMIT'S EXHIBITS	MARKED	REC!D	
3	EVIITET NO. 1	MARKED	NEC D	
4	EXHIBIT NO. 1  Direct Testimony of James M.  Anderson	62	138	
5	EXHIBIT NO. 2			
6	Rebuttal Testimony of James M. Anderson	62	138	
7	EXHIBIT NOS. 3NP/3HC			
8	Surrebuttal Testimony of James M. Anderson	62	138	
9	EXHIBIT NO. 4			
10	Direct Testimony of Michelle A.  Moorman	62	250	
11	EXHIBIT NO. 5			
12	Rebuttal Testimony of Timothy R. Johnston	62	250	
13	EVIIDIT NO. (			
14	EXHIBIT NO. 6 Surrebuttal Testimony of Timothy F Johnston	R. 62	250	
15	EXHIBIT NO. 7			
16	Rebuttal Testimony of Rick H. Lawler	62		
17	EXHIBIT NO. 8			
18	Surrebuttal Testimony of Rick H. Lawler	62		
19	EXHIBIT NO. 9			
20	Surrebuttal Testimony of David Moody	62		
21	_			
22	EXHIBIT NO. 10  Rebuttal Testimony of Renato  Nitura, Jr.	62		
23	PULLDIE NO. 11			
24	EXHIBIT NO. 11  Surrebuttal Testimony of Renato Nitura, Jr.	62		
25		<u> </u>		

				Page 388
1				
	SUMMIT'S EXHIBITS			
2	(Continued)			
		MARKED	REC'D	
3	EXHIBIT NO. 12			
	Direct Testimony of Alicia L.			
4	Picard	62		
5	EXHIBIT NO. 13	6.0	0.7.5	
	Direct Testimony of Tyson Porter	62	275	
6	EXHIBIT NOS. 14NP/14HC			
7		62	275	
	Rebuttal Testimony of Tyson Porter	62	275	
8	EXHIBIT NO. 15  Surrebuttal Testimony of Tyson			
9	Porter	62	275	
10	EXHIBIT NO. 16	02	213	
10	Direct Testimony of Kent Taylor	62	378	
11	Direct restimony of Kent Taylor	02	570	
	EXHIBIT NO. 17			
12	Rebuttal Testimony of Kent Taylor	62	378	
13	EXHIBIT NO. 18			
	Direct Testimony of Martha R.			
14	Wankum	62	308	
15	EXHIBIT NO. 19			
	Rebuttal Testimony of Martha R.			
16	Wankum	62	308	
17	EXHIBIT NO. 20			
	Surrebuttal Testimony of Martha R.			
18	Wankum	62	308	
19	EXHIBIT NO. 21			
	Summit Natural Gas DR No. 1	293	300	
20				
21	STAFF'S EXHIBITS			
22	EXHIBIT NO. 100			
	Direct Testimony of Thomas M.			
23	Imhoff	62	326	
24	EXHIBIT NO. 102			
	Direct Testimony of Amanda			
25	McMellen62 283			

				Page 389
1				
	STAFF'S EXHIBITS			
2	(Continued)			
		.RKED	REC'D	
3	EXHIBIT NO. 103HC	62	220*	
4	Staff Report - Cost of Service	62	228* 233*	
5	EXHIBIT NO. 104		233	
	Staff Report - Cost of Service	62	228*	
6	Scall Report Cost of Scrives	02	233*	
7	EXHIBIT NO. 105			
	Staff Report - Cost of Service			
8	Appendices	62		
9	EXHIBIT NO. 106			
	Staff Accounting Schedules	62	283	
10				
1.1	EXHIBIT NO. 107			
11	Direct Testimony of Thomas M. Imhoff	62	326	
12	IIIIIOII	62	320	
12	EXHIBIT NO. 108			
13	Staff Report - Class Cost of			
	Service Rate Design	62	228*	
14	-		233*	
			326	
15				
	EXHIBIT NO. 109			
16	Rebuttal Testimony of Michelle			
1.7	Bocklage	62		
17	EXHIBIT NO. 110			
18	Rebuttal Testimony of Kory Boustead6	2		
19	EXHIBIT NO. 111	۷		
	Rebuttal Testimony of Kim Cox	62		
20	<u> </u>			
	EXHIBIT NO. 112			
21	Rebuttal Testimony of Michael J.			
	Ensrud	62		
22				
	EXHIBIT NO. 13HC		0.6.=	
23	Rebuttal Testimony of Lesa Jenkins	62	287	
24	EXHIBIT NO. 114	6.2	207	
25	Rebuttal Testimony of Lesa Jenkins	62	287	

				Page 390
1				
	STAFF'S EXHIBITS			
2	(Continued)			
	MARI	KED	REC'D	
3	EXHIBIT NO. 115			
	Rebuttal Testimony of Robin			
4	Kliethermes	62	233	
5	EXHIBIT NO. 116			
	Rebuttal Testimony of Phil Lock	62		
6				
	EXHIBIT NO. 117			
7	Rebuttal Testimony of Amanda			
	McMellen	62	283	
8				
	EXHIBIT NO. 118HC			
9	Rebuttal Testimony of David Murray	62	154	
10	EXHIBIT NO. 119			
	Rebuttal Testimony of David Murray	62	154	
11				
	EXHIBIT NO. 120			
12	Rebuttal Testimony of John A.			
	Robinett	62		
13				
	EXHIBIT NO. 121			
14	Rebuttal Testimony of Seoung			
	Joun Won, Ph.D.	62		
15				
1.5	EXHIBIT NO. 122			
16	Surrebuttal Testimony of	6.0		
1 7	Michelle Bocklage	62		
17	EVILIDITE NO. 100			
1.0	EXHIBIT NO. 123			
18	Surrebuttal Testimony of Kory	60		
19	Boustead	62		
1 19	EXHIBIT NO. 124			
20				
20	Surrebuttal Testimony of Michael Ensrud	62		
21	Elist ud	υZ		
	EXHIBIT NO. 125			
22	Surrebuttal Testimony of			
	Thomas M. Imhoff	62	326	
23	THOMAS II. IMMOLL	U Z	J & U	
	EXHIBIT NO. 126			
24	Surrebuttal Testimony of Lesa			
	Jenkens	62	287	
25	o omitono	J 2	201	
- 5				

				Page 391
1				
2	STAFF'S EXHIBITS (Continued)			
	MA	RKED	REC'D	
3	EXHIBIT NO. 127  Surrebuttal Testimony of Phil Lock	62		
4				
5	EXHIBIT NO. 128  Surrebuttal Testimony of Amanda  McMellen	62	283	
6	11011011011	02	200	
7	EXHIBIT NO. 129  Surrebuttal Testimony of Joel			
8	McNutt	62	233	
	EXHIBIT NO. 130HC			
9	Surrebuttal Testimony of David Murray	62	154	
10	EXHIBIT NO. 131			
11	Surrebuttal Testimony of David Murray	62	154	
12	_			
13	EXHIBIT NO. 132  Surrebuttal Testimony of Henry E.  Warren	62		
14	warren	02		
1.5	EXHIBIT NO. 133	6.0	0.00	
15 16	Reconciliation EXHIBIT NO. 134	62	283	
	Final Staff Reconciliation	62	283	
17	EXHIBIT NO. 135			
18	Branson District Final Staff Accounting Schedules	62	283	
19				
20	EXHIBIT NO. 136  Gallatin District Final Staff	6.0	0.00	
21	Accounting Schedules	62	283	
22	EXHIBIT NO. 137 Rogersville District Final Staff			
23	Accounting Schedules	62	283	
	EXHIBIT NO. 138			
24	Warsaw District Final Staff Accounting Schedules	62	283	
25	necountry beneates	Ų Z	200	

				Page 392
1	EVITETE NO. 120			
	EXHIBIT NO. 139		226	
2	Chart - Approximate Increases		336	
3	OPC'S EXHIBITS	MADKED	DECID	
4	HANTE NO. 200	MARKED	KEC.D	
4	EXHIBIT NO. 200	6.0		
_	Rebuttal Testimony of Keri Roth	62		
5	TWITTE NO. 001			
	EXHIBIT NO. 201			
6	Surrebuttal Testimony of Keri Rot	h 62		
7	EXHIBIT NO. 202			
	Rebuttal Testimony of Barbara			
8	Meisenheimer	62	292	
9	EXHIBIT NO. 203			
	Surrebuttal Testimony of Barbara			
10	Meisenheimer	62	292	
11	EXHIBIT NO. 204			
	Rebuttal Testimony of Geoff Marke	62		
12				
	EXHIBIT NO. 205			
13	Surrebuttal Testimony of Geoff			
	Marke	62		
14				
	EXHIBIT NO. 206			
15	Excerpt from Transcript in Case			
	GA-94-127	255	258	
16				
	EXHIBIT NO. 207HC			
17	OPC Data Request No. 9	265	266	
18	EXHIBIT NO. 208			
	OPC Data Request No. 1110	267	269	
19				
_	EXHIBIT NO. 209	_		
20	OPC Data Request No. 18	267	269	
21	EXHIBIT NO. 210	_		
	OPC Data Request No. 1101	277	279	
22				
_	EXHIBIT NO. 211	_		
23	OPC Data Request No. 1104	277	279	
24	EXHIBIT NO. 212			
	Updated Surrebuttal Tables and			
25	Schedule 1-HC of Barbara			

				Page 393
1	OPC'S EXHIBITS			-
	(Continued)			
2		MARKED	REC'D	
3	EXHIBIT NO. 213	11111111	1120 2	
	Updated schedule 1-HC - Reflects			
4	the current billing units agreed			
	To by the parties	291	292	
5				
	EXHIBIT NO. 214			
6	OPC Data Requests	379	380	
7	MSBA'S EXHIBITS			
8	EXHIBIT NO. 400			
	Direct Testimony of Louie R.			
9	Ervin, Sr.	62	376	
10	EXHIBIT NO. 401			
	Rebuttal Testimony of Louie R.			
11	Ervin, Sr.	62	376	
12	EXHIBIT NO. 402			
	Surrebuttal Testimony of Louie R.			
13	Ervin, Sr.	62	376	
14	EXHIBIT NO. 403			
	Staff Response to MSBA DR 0234	329	334	
15				
	EXHIBIT NO. 404			
16	Spreadsheet - District Rate			
	Increases	367	376	
17				
18	DIVISION OF ENERGY'S EXHIBI	TS		
19	EXHIBIT NO. 500			
	Direct Testimony of John Buchanan	62		
20				
	EXHIBIT NO. 501			
21	Rebuttal Testimony of John			
	Buchanan	62		
22				
0.0	EXHIBIT NO. 502			
23	Surrebuttal Testimony of John			
0.4	Buchanan	62		
24	EVILIDIT NO. 502			
25	EXHIBIT NO. 503	62		
25	Rebuttal Testimony of Joe Gassner	62		

				Page 394
1	DIVISION OF ENERGY'S EXHIBITS			
	(Continued)			
2				
	EXHIBIT NO. 504			
3	Surrebuttal Testimony of Joe			
	Gassner	62		
4				
	MPGA'S EXHIBITS			
5				
	EXHIBIT NO. 600			
6	Rebuttal Testimony of Brian T.			
	Brooks	62	302	
7				
	EXHIBIT NO. 601HC			
8	Rebuttal Testimony of Brian T.			
	Brooks	62	302	
9				
	*Portion of the exhibit was received.			
10				
11				
12				
13				
14				
15 16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

		Page 395
1	c E R T I F I C A T E	-
2	STATE OF MISSOURI)	
	) ss.	
3	COUNTY OF COLE )	
4	I, Kellene K. Feddersen, Certified	
5	Shorthand Reporter with the firm of Midwest	
6	Litigation Services, do hereby certify that I was	
7	personally present at the proceedings had in the	
8	above-entitled cause at the time and place set	
9	forth in the caption sheet thereof; that I then and	
10	there took down in Stenotype the proceedings had;	
11	and that the foregoing is a full, true and correct	
12	transcript of such Stenotype notes so made at such	
13	time and place.	
14	Given at my office in the City of	
15	Jefferson, County of Cole, State of Missouri.	
16		
17		
18		
19		
	Kellene K. Feddersen, RPR, CSR, CCR	
20		
21		
22		
23		
24		
25		

	1	<u> </u>		1
A	371:12	administer 381:7	263:21 264:2,4	384:2
<b>ability</b> 236:24	actual 303:24	administrative	266:17 267:16	amount 229:14
305:25 309:8	304:8 337:19	349:19 372:19	278:3 303:1	234:7,18 251:9
able 231:19	341:22	administrator	305:15 317:20	251:20,21
273:7 322:21	add 291:20	349:9,13,22	335:5,11	261:8,9,12
339:16 372:8	314:13 317:22	350:10 373:7	346:12 360:23	262:13,16
372:17	364:9	admission	375:23	296:2 297:19
above-entitled	added 258:25	227:23,25	agreed 230:8	335:7,9,10
395:8	259:1 271:10	admit 283:17	233:3,20 290:1	346:21 364:4
<b>absorb</b> 364:21	320:11 366:21	287:9	290:12,24	375:1
accept 312:17	368:7 369:14	admitted 228:13	297:17 393:4	<b>amounts</b> 235:10
accepted 237:4	370:20	228:19 283:21	agreement	271:12 298:4
accepting 239:1	addition 289:17	302:7 326:2	235:22 257:13	313:15,16
accidentally	additional 235:3	378:19	257:16 278:8	<b>analogy</b> 244:10
307:15	259:4 262:17	<b>adopt</b> 249:2	283:2 291:9	245:6
account 234:24	262:17 269:1	adopting 295:15	297:15 313:3	analysis 237:25
235:7,16,19	271:9 296:17	advantage	<b>agrees</b> 235:15	250:23 284:15
238:15 241:11	313:5	330:15	241:10 320:9	296:20 318:18
251:9 270:16	additions 343:24	<b>advice</b> 349:20	<b>ahead</b> 300:10	368:22
312:23 313:20	344:24	350:7,8,9	370:11	Anderson 387:4
accountant	<b>additive</b> 330:6,23	advisor 348:14	<b>AKAYLA</b> 225:7	387:6,8
274:13	332:6 368:18	349:9,12	alert 247:16	and/or 236:9
accounting	additives 369:13	advisors 343:7	algorithms	380:6
235:20 240:9	address 226:19	affect 330:25	375:10	annual 223:12
281:19 282:10	227:16 239:22	331:8,10	Alicia 267:23	226:8
389:9 391:18	301:3 306:9	affiliations 350:6	388:3	answer 248:17
391:20,22,24	321:10 326:23	afternoon 348:9	aligns 251:9	249:15 255:5
accounts 235:8	326:25 339:12	348:10	Alliant 358:13	257:19 258:12
364:7	addressed	agenda 247:14	allocated 374:25	263:24,25
accuracy 266:6	318:10 327:7	322:8	allocation 318:11	272:19 274:17
accurate 232:5	366:18 369:21	<b>aggregate</b> 348:17	allow 262:16	278:13,19
232:10 250:18	373:14	348:21 373:16	346:15	295:23 296:16
250:19 254:8,9	<b>addressing</b> 238:25 319:1	aggregating 373:9 374:5	<b>allowed</b> 252:11 370:7	299:17 320:5,6 331:12,14
257:21 258:22			allowing 305:1	351:12,14 351:5 353:25
267:25 268:2	adjourn 323:5 383:13	<b>aggregation</b> 313:14 346:23	alternate 244:8	357:8 368:9
268:21 269:3		346:25 348:20	Amanda 240:14	370:22 375:21
320:10 329:20	<b>adjourned</b> 383:19,20	349:5 350:13	240:21 280:23	378:2 379:21
330:2 337:8	adjustment	350:16,17	281:1,7,11	answering
361:1	235:19 239:6	351:14,24	384:14 388:24	277:10 357:21
achieve 252:13	239:12 240:16	351:14,24 352:13,21,22	390:7 391:5	answers 249:18
achieved 260:25	240:18 241:11	372:23	amended 275:10	275:10,13
ACM-1 283:1,3	243:2 284:11	ago 238:2,9	Ameren 351:2,16	278:4 283:11
action 375:3,4,4	284:17 290:6	334:19	356:9 362:1	283:13 287:7
actions 354:20	adjustments	agree 228:12	American 263:16	298:20 301:22
371:15	234:22 284:21	251:1,23	amortization	325:18,21
activities 331:6	284:23	254:19 258:6	229:14 234:8	345:24 378:10
349:15 370:25	====	25 250.0		2.2.2.2.0.10

MIDWEST LITIGATION SERVICES Phone: 1.800.280.3376

Fax: 314.644.1334

www.midwestlitigation.com

378:12 380:2	234:19 241:9	346:20 366:10	382:19	297:13 312:3
<b>Anyway</b> 361:21	327:2	367:19 369:6	associations	320:11,21
apologies 273:3	<b>approve</b> 304:12	asking 243:17	373:1	322:8 333:22
apologize 265:4	approved 239:20	244:6 245:24	Association's	338:25 352:6
272:19 273:6	292:25 293:1	246:23 251:6	336:24	359:11,13
<b>appear</b> 226:17	297:18	251:17 253:19	assume 242:4	364:12 365:4
229:2 230:1	Approximate	257:2 262:19	250:16 342:9	372:1 377:3
232:23 290:5	392:2	267:17 298:25	342:12	379:24
291:13 311:20	approximately	299:20 328:22	assuming 261:4	<b>balance</b> 364:10
appearance	312:20 337:15	asks 266:10	326:25	365:2 374:13
226:15	369:15	272:24 278:7	assumption	375:17
APPEARANC	approximation	278:15	261:3,20	balancing 364:19
224:1	337:3	<b>asphalt</b> 374:21	<b>assure</b> 317:19	364:24
appearing	Aquila 372:2	assets 238:16	attached 344:1	<b>BAM</b> 294:11,17
226:23 227:3	area 253:13,14	239:18 241:13	379:25	<b>Barb</b> 288:15
227:14 377:21	253:17,24	284:16	attention 277:1	<b>Barbara</b> 288:18
appears 256:24	261:12 264:11	assigning 250:17	attest 266:6	288:25 289:3
258:6,25	264:13,14,14	assisted 329:24	<b>Attorney</b> 224:2,2	290:21 310:20
265:23 277:7	264:21 297:3,5	Associate 224:19	224:3,8,13	382:8 384:19
Appendices	297:22 298:17	associated	August 223:7	385:8 386:6
389:8	330:12 352:16	335:25 364:23	226:4 260:1	392:7,9,25
Appendix 283:1	357:16 373:1	370:21	<b>author</b> 349:1	base 239:5,11
appliances 263:1	375:16	Associates 343:5	authored 228:12	240:18 251:20
applicable	areas 242:16	348:12 349:12	availability	257:25 259:2
237:11	253:13 260:23	350:2	236:21	362:19
Applicant 226:15	276:12,15	association	available 230:5	<b>based</b> 235:10
285:9 293:15	280:14 296:25	224:12,18	238:9 296:12	238:7 239:12
302:19	297:10 298:7	227:6,8,12,15	average 238:2,5	241:6,8 257:7
application	304:20 362:2	243:13 247:6,7	347:23 354:10	258:5 266:11
297:12 311:16	argument 227:20	250:6 252:24	355:1 362:11	284:14 289:24
312:7 385:10	233:25 303:15	263:16 275:24	362:17 374:10	292:22,23,24
<b>applied</b> 284:15	312:5	276:2 285:4,6	avoid 250:16	293:2 295:17
312:14 314:1	arrangement	288:3 293:11	aware 251:18	354:15 356:12
<b>applies</b> 304:14	231:8 233:6	293:12 300:23	254:25 298:11	basically 240:6
apply 240:23	Ashley 228:5	302:19,24	327:5,8 328:7	245:24 250:13
314:2 315:5	asked 238:13	308:6,10 311:2	330:10,21	258:19 331:24
334:22	257:11,17,24	311:3 317:9	340:18,20	337:20 349:16
appreciate	259:2 266:13	321:23 327:22	341:1	358:18 371:21
236:21 363:22	268:13 270:8	328:4,8,20	<b>a.m</b> 383:18	basis 237:12,25
approach 255:10	271:16 279:19	329:10 334:11		239:13 315:7
255:14 270:14	283:9 287:6	339:3 342:18	<u>B</u>	374:13
approached	295:11,15	343:10 346:6	<b>B</b> 308:25	bears 319:1
345:21	296:18 297:13	349:8,11	back 229:3	Beck 228:6
approaches	298:24 299:9	365:12,20	235:10 242:19	<b>began</b> 256:17
247:15,19	318:7 325:17	370:14 373:2,4	245:4 252:4,10	297:1,1,3
317:23 347:11	342:18 343:18	378:24 379:2	268:24 269:1	351:24
appropriate	344:3,18	381:14,17	271:12,14	beginning 354:4
	l	l	l	l

	1	<u> </u>	<u> </u>	ı
367:4	bet 365:8	273:20 280:7,9	258:12,18	365:18
<b>behalf</b> 226:17	<b>better</b> 244:23	294:24 296:21	265:25 369:9	Brownlee 224:13
227:14 266:14	295:22 316:6	298:5	BOUDREAU	227:7,7 231:19
305:7 377:21	323:1 344:22	<b>book</b> 307:14	224:2	232:12,17
<b>belief</b> 249:20	360:1 362:15	308:19 309:16	Boustead 390:18	233:2 247:9
275:14 283:14	<b>beyond</b> 339:11	309:18,20,23	Boustead62	252:25 311:19
287:4 325:22	<b>bid</b> 288:24	<b>booked</b> 239:18	389:18	317:10 319:18
329:21 378:13	<b>bidding</b> 244:20	241:13	Box 224:4,21	319:22,25
<b>believe</b> 229:24	bifurcated	books 239:7,7	225:2,8	320:14,24
230:7,19	317:12	309:15	<b>Brad</b> 228:6	321:4,9,15
232:25 238:7	<b>big</b> 290:9 348:22	Borgmeyer 225:6	Branson 238:11	322:10,19
242:13 264:23	348:25 360:10	226:22,24	240:19,23	323:3 327:23
268:20 272:13	373:16	227:21 229:21	242:25 246:14	329:6 331:12
273:7,17	<b>bill</b> 313:11,12,21	231:5,13	250:15 251:1	331:20 332:18
276:24 279:22	313:22 314:24	232:22 240:4	260:6,8 272:20	332:22 333:2,8
293:17 294:22	315:2 317:24	269:15 279:7	284:12,16,19	333:15,21,23
296:21 299:3	336:5 337:25	280:23 281:2	291:18 312:22	334:9 338:11
299:10,13	338:5,6 340:15	283:16 284:1	391:18	338:18 339:12
302:23 304:5	355:24 356:5,6	285:17,25	Branson's	340:5,6 341:8
316:17 319:18	356:8,11 361:2	286:3,7 287:9	246:15	341:13 342:20
320:1 329:22	<b>billing</b> 289:24	287:13,20	<b>break</b> 247:17	342:25 344:17
341:6 346:18	290:3,11,24	292:17,18	312:2 322:7	344:20 345:7
379:8 380:1	291:9,22	293:8 302:12	330:14 338:24	345:10,17,20
383:10	349:19 393:4	310:10,24	breakdown	345:22 346:2
<b>believes</b> 237:2,8	<b>bills</b> 236:18	314:11 322:2	268:13 369:6	346:18 365:12
239:13 312:17	337:19	322:15,20	breaking 371:22	365:16 366:7
bench 239:25	<b>bit</b> 263:14 270:20	323:11,21	<b>Brian</b> 243:19	367:12,17
241:18 269:18	334:19	324:2,8 325:24	300:25 301:4	369:24 370:2,7
277:24 279:10	<b>Board</b> 347:13	326:8 331:2	384:24 394:6,8	376:15,22
285:12 288:9	349:8,11	333:6 334:3	<b>brief</b> 285:18	377:1,4,7 379:4
295:5 303:6	<b>Boards</b> 224:17	335:20,22	336:12	385:13,16,18
310:13 311:9	227:6,8 247:6	336:12,16	<b>briefly</b> 251:14	385:21,24
333:20 335:15	252:24 276:2	338:7,15	270:5 284:10	<b>Brydon</b> 224:3
342:4 356:19	285:4 288:2	341:16 344:14	302:20 335:20	<b>BTUs</b> 355:19
366:9 370:12	293:11 302:19	345:4,9,13,15	343:6	Buchanan
376:7 380:20	308:9 311:2	345:18 348:7,8	<b>bring</b> 360:2	393:19,21,23
381:24 383:1	317:9 321:23	353:7 365:25	<b>brings</b> 260:8	<b>Buffalo</b> 273:18
<b>benefit</b> 236:21	327:22 328:3,8	370:4 371:10	310:20 311:13	273:20 280:7,8
304:25 312:18	328:20 329:10	376:2 380:18	<b>broadly</b> 337:16	294:24 296:22
benefits 247:2	336:24 339:3	381:22 382:16	<b>broken</b> 372:7,8	298:5
Berra's 263:25	342:18 343:10	384:4,15,16,17	broker 363:3	<b>Buffet</b> 375:11
best 242:17	365:12 379:1	384:20 385:12	<b>Brooks</b> 243:19	<b>build</b> 250:24
249:19 275:14	381:16	385:15,17,22	300:25 301:4,7	262:15 276:8
283:14 287:4	<b>boat</b> 362:20	385:25	384:24 394:6,8	Building 224:20
292:4 320:5	Bocklage 389:16	<b>bottom</b> 240:25	<b>brought</b> 239:4,6	buildings 373:2
325:22 329:20	390:16	256:23 257:1	296:5 298:24	<b>built</b> 250:21
378:13	<b>Bolivar</b> 273:18	257:10,23	339:20,22	260:25 262:12
	1			l

272:2 276:12	canc 320:15	294:17 296:1,9	certain 246:16	304:21 352:15
<b>bump</b> 374:12	canceled 320:16	296:13 297:21	248:16 274:15	changing 253:21
<b>burden</b> 242:9	<b>canned</b> 319:3	299:5 301:11	309:7 330:14	<b>charge</b> 251:25
299:6	capacity 229:11	304:7,21	378:1	304:24 305:23
<b>buried</b> 358:19	240:17,21	306:24 307:8	certainly 233:19	305:25 309:9
burner 359:3,16	243:1 248:10	308:20 312:19	237:7 250:22	309:11 312:25
359:22	262:11,16	314:22 315:4	255:6 264:12	312:25 314:1
business 243:21	274:11 284:11	315:16 318:20	264:17 322:6	315:20,21
244:24 245:1	284:13,18	318:20,22	certificate	316:3,12 336:2
246:18 301:3	377:18	323:9 326:16	237:17 267:19	347:23 350:14
343:6	capital 235:2	326:21,24	273:1 280:13	350:19 351:5
businesses	Capitol 224:4	328:5 347:17	298:12	355:24,25
244:22	caption 273:13	349:2 350:22	Certificates	356:4,11,14
<b>buy</b> 340:23 341:9	395:9	352:25 364:25	242:1	362:25 364:19
360:15 372:18	care 323:8	369:14 380:3	certification	364:24 368:25
<b>buying</b> 351:3	carry 365:2	382:6 392:15	296:25 297:9	372:11
<b>B6</b> 307:15	carrying 335:9	cases 237:17,21	298:6	charged 306:4
	347:14,23	243:24 297:9	certified 276:15	charges 311:15
C	Carter 224:3	317:23 327:9	277:5,7 395:4	312:6,14,15
<b>c</b> 224:3 226:1	226:17 303:19	343:11 369:12	certify 395:6	314:2 316:4,10
281:7 395:1,1	305:17 306:15	cash 317:22	cetera 231:4	316:15 356:25
calculate 294:19	306:18 307:20	354:19 364:1,2	chairman 223:16	373:18 385:10
calculated	310:16 311:7	365:6 366:14	240:1 241:19	<b>Chart</b> 392:2
240:21 254:23	385:3,6	367:7	269:19 279:13	check 233:15
266:12 354:23	case 223:11	<b>cash-out</b> 330:23	285:13 288:10	300:12 311:23
calculating 259:3	226:5 230:23	331:4,7,18	295:6 303:7	Chicago 373:1
291:10	236:10,14	332:1,7,9 356:7	310:14 311:10	chicken 360:4
calculation	237:9,11,20	367:1 368:18	335:16 342:5	<b>chief</b> 225:6
251:19 255:4	238:23 239:15	370:21,24	356:20 377:20	247:11 248:13
258:7 336:10	240:15 241:6	371:3,4,12	380:21 381:25	280:19 323:9
336:23 369:16	242:5,11,11	cash-outs 375:24	383:2	382:6
calculations	244:6 247:11	cause 282:3	<b>chance</b> 243:18	choices 246:12
229:12 251:13	249:6 251:2,17	395:8	265:12 273:1	246:22 247:1
337:5	252:11 253:19	<b>caused</b> 248:15	change 229:9	<b>choose</b> 358:21
call 232:21 248:1	253:25 256:5,5	274:14 281:12	253:20 275:4	circumstances
274:4 288:15	257:16,25	286:15 289:4	289:21 290:9,9	237:22 309:8
319:2 323:20	259:2,24	324:19 377:25	291:12,16	361:1
349:4 363:2	267:20 272:3	<b>CCF</b> 306:4	293:5 337:1	<b>cities</b> 259:4
377:10 381:4	272:25 273:1	<b>CCN</b> 242:11	344:18 359:18	citizens 246:18
382:8	273:10,13,13	264:20 266:12	361:1	city 223:8 224:5
Callaway 327:9	276:7,23 278:9	276:7	changed 290:15	224:10,15,21
<b>called</b> 253:17,24	279:15 280:11	CCNs 242:2	291:5 295:21	225:3,9 246:18
347:9 364:3,18	280:13,19	CCR 223:22	349:24 351:24	395:14
365:6 372:12	288:14 289:5	395:19	361:4,6	clarification
<b>calls</b> 280:23	289:16,17	cell 226:10	changes 237:21	233:13 298:20
286:3 323:21	291:12 292:22	cent 306:4	275:6 289:8	<b>clarify</b> 231:20
331:3	293:3 294:11	Central 260:9	291:25 304:17	232:18 305:21
331.3	293:3 294:11	Central 200:9	291.23 304:17	252:18 305:2

	1	T	1	<u> </u>
345:5 365:10	236:12 237:16	259:15 316:11	320:16 330:10	component 304:4
class 227:24	237:19 238:13	355:14	345:2,2,12,17	components
228:7 230:16	240:5 241:6,24	commodity	346:15 347:14	354:2
268:14,15	242:12,18,22	303:17 304:13	347:21 349:23	computation
286:16 325:1	243:15 245:25	304:13 305:22	352:6,8 354:5	231:21 320:7
326:1 351:10	247:14 252:10	306:5,5 361:18	362:11,16	computer 373:22
389:13	254:23 259:23	385:2	364:12,15,17	373:23,24
<b>classes</b> 304:19	281:10 286:12	<b>common</b> 318:5	364:20 371:14	<b>con</b> 359:1
<b>Clay</b> 301:4	292:21,25	communities	371:15 373:22	concentration
<b>clear</b> 237:4	293:1 297:18	254:16,20,20	374:17,23	261:1
246:17 291:21	298:19 303:20	255:2,8,9	375:10,11	concept 257:20
298:15	304:11 305:13	257:25 258:7	company's	258:14,17
<b>clients</b> 348:16	308:2 312:17	258:21 271:17	234:19,21,25	326:20
<b>close</b> 255:8	312:24 313:8	271:21,25	236:24 243:2	concepts 245:19
262:10 317:21	314:12 315:14	272:25 277:9	260:12 268:21	<b>concern</b> 305:24
357:21 375:15	315:15,18,20	280:10 296:19	292:23 293:2	concerned 306:6
closely 374:1	316:8,8 318:5	297:4,14 298:8	296:4,23	315:19,25
375:25	319:7 322:22	358:14	298:25 303:23	concerning
<b>closer</b> 354:10	324:17 326:21	community	304:12 312:21	257:12
<b>Cole</b> 395:3,15	326:23 327:3,6	246:18 254:25	315:6,23 338:2	concerns 238:25
<b>collect</b> 299:14	327:6 328:11	companies 264:6	352:1 375:3	273:14
333:22	338:10 347:13	297:2 360:14	company-prov	conclude 326:21
<b>column</b> 329:16	347:18 355:10	371:23 372:3	352:20	concluded
368:4,6,17,17	361:13,17	374:20,21	<b>compare</b> 361:22	341:15
368:21	371:21 383:17	company 234:18	compared	concludes 342:17
columnar 329:14	Commissioner	235:5,11 237:4	356:25 357:10	383:8
<b>columns</b> 368:12	269:21,23	238:17,22	comparing	conclusion
come 239:21	279:11 285:14	242:4,6,9,19,25	361:23	258:10
242:19 252:10	298:21 299:19	243:5,7 244:5	<b>compete</b> 243:18	conclusions
296:24 322:8	300:1 318:7	245:1,21	244:8 245:10	290:9
357:21 364:12	319:12,13,20	248:12,14	competed 302:24	<b>concur</b> 355:1
<b>coming</b> 236:16	319:23 320:12	249:8 251:25	358:16	condition 242:3
363:22	320:17 321:2,7	264:7,20	competes 244:1	conditions
commensurate	321:11,20	265:20 266:14	competition	239:12 242:1
251:7	335:17 342:6,8	267:17,23	246:10 355:12	360:13
comment 330:5	342:14 356:21	268:1,3,13	competitive	<b>conduct</b> 370:25
comments	356:22 363:24	270:10 272:21	244:7 245:7	confused 295:22
316:23,24,25	369:5,21	276:7,11 277:4	246:6,25	confusion 296:15
Commerce	370:23 376:8	279:23 280:1	competitors	304:5
347:13	376:10,25	296:7,11,18	245:10	<b>connect</b> 358:17
commercial	382:1 383:3	298:5 301:7	competitor's	connecting
304:14 358:17	384:22 385:19	304:2 305:1,7	243:25	358:14
Commission	385:23,23	305:25 309:8	complaining	Connell 257:2
223:2 225:7,11	Commissioners	310:3 312:16	360:5	conscientious
226:21 233:7	223:18 234:3	314:14 316:18	complete 259:17	332:2
234:17 235:6,8	243:11,23	317:25 318:13	complicated	Consequently
235:15 236:7	Commission's	318:21 320:1,4	335:6	239:13
	l	1	l	l

MIDWEST LITIGATION SERVICES
Phone: 1.800.280.3376

conservation	containing 272:8	229:16 233:18	254:13,14,17	292:2 301:17
260:19,22	continuation	234:11 240:17	254:18,24	307:4,18 325:6
261:1,4,7,12,16	258:12 303:23	241:11 247:25	255:25 256:7	343:25 344:4
261:21 262:6,7	continue 245:21	248:6 249:22	256:14,18,21	344:23
262:20,23	304:2 309:10	259:12 265:14	256:25 258:3	correctly 250:12
263:4 316:13	312:24	270:1,5,7 273:6	258:21 259:7	365:14
conserve 316:16	Continued 388:2	273:22 274:3,7	260:9,10,13,14	cost 227:23,24
consider 260:18	389:2 390:2	275:16 279:17	265:10 266:2,7	228:3,7 230:12
261:14,17	391:2 393:1	279:18 280:16	266:8,15,16	230:16 235:1
262:22	394:1	285:10 288:7	268:15 269:2	239:8 240:12
considerably	continues 258:15	293:16,20,24	271:2,3,19	241:2,8 244:21
356:1	Continuum	295:2 300:8,15	272:9,17	245:8,13,22
consideration	349:24	302:20,21	274:24 275:13	250:17 252:1
245:25 246:6	contract 304:14	303:3 311:18	276:12,13,16	264:14 281:15
246:23 261:24	372:9	312:9 314:22	278:11,12,17	286:16 292:23
262:3 263:1	contracted 373:8	334:15,16	278:18 279:20	292:24 293:3
346:21	contracting	335:12 338:20	279:21,24	295:13,17
considered	372:20	339:8,22	280:5,8,15	296:4,12
262:20	contracts 354:6	341:18,20	282:20,23	298:16 299:4,7
considering	360:12,16	346:10,11	283:5,14 287:3	299:11,16
246:4,7 273:10	contrary 339:9	348:3 365:23	292:4 294:25	303:24 304:8
298:16 319:13	contributed	370:18,19	295:13 301:15	305:18 307:16
consistency	228:7	371:7 377:10	302:3,4 309:14	309:4 310:2,5
304:21	<b>control</b> 361:13	377:14 378:15	324:2 325:22	313:10 318:12
consistent 236:4	371:16	380:25 381:4	326:17,18	318:13 320:20
290:4,10	Convenience	381:10 382:23	328:14,25	320:25 325:1,9
304:19 353:23	242:2 267:19	383:10 384:4,8	329:17,18	325:10 326:1
consists 354:1	conversed	384:10,11,12	330:1 334:19	328:9,13 335:9
constitute 326:22	353:19	384:21,25	334:20 341:15	335:24 337:3
constitutes 340:4	conversion 242:6	385:11,17,18	342:2 348:1,12	340:16 347:15
constraints 322:4	303:16,22,25	385:21,24	348:24 349:10	347:22,23
constructed	304:4,6,8	386:2	350:14 366:14	353:1,5 355:6
271:23	305:15,18	<b>copies</b> 290:14	367:7 368:8,10	355:11,11,16
construction	307:11 309:9	333:19	368:12,19,23	357:20 359:24
239:8 273:19	309:18,22	<b>copper</b> 359:10	369:15 371:1,4	360:10,21
280:14	310:2 320:2	copy 260:2 268:1	371:13 378:12	364:23 366:22
consultation	358:25 385:1	268:3,21	383:9 395:11	367:4 369:3,4
349:20	conversions	276:18,22	correction 275:3	369:12 389:3,5
consumers	309:14 320:25	340:7	289:11,13	389:7,13
246:11,25	359:3	corner 290:23	290:2,3 307:7	costs 252:7
247:2 343:8	convert 359:16	corporate 284:21	308:15 325:8	284:21 285:22
372:8	<b>converted</b> 319:17	285:22	325:17	285:22 296:11
contact 227:16	319:24 358:6,8	correct 229:15	corrections	313:10 314:23
contained 240:12	361:7	229:16 231:5	275:5 282:14	314:23 317:3
249:14 273:8	converter 320:22	249:19 250:21	282:16 283:6	318:21,21,23
275:9 294:19	Cooper 224:2	252:3 253:14	286:25 289:9	331:8,10 336:6
378:9	226:16,16	253:15,18,24	289:10 291:25	336:10 337:8
	I	ı	ı	I

			_	_
347:5 355:6,7	367:19	current 278:9	331:5 347:20	224:6
357:14,15,18	cover 368:2	290:24 291:10	347:25 357:23	<b>dealers</b> 246:1,5
358:18 362:15	Cox 389:19	291:12,22	363:19 373:15	dealing 318:13
369:20	create 295:16	292:23 293:3	374:20	343:16
<b>counsel</b> 224:19	315:23	295:12 309:12	customer's	dealt 331:18
225:1,1,4,6,7	Creek 327:9	315:5,6,8	314:24 316:15	<b>Dean</b> 224:2
227:2,4,20	cross 228:2,11	325:13 337:11		226:16
235:25 236:23	230:3,10 284:2	337:14 338:2	D	<b>debt</b> 235:1
239:25 241:7	287:21 326:9	362:11,15	<b>D</b> 224:19 225:1	347:23
241:18,21	370:7,9,11	393:4	226:1 377:16	decade 372:15
247:3 253:2	380:23 383:4	currently 231:15	384:1	December
255:13 265:18	cross-examinat	254:16 276:14	daily 352:5	309:21
265:24 267:17	230:22 249:24	276:15 296:14	<b>Dallas</b> 273:14	decide 327:4
276:3 284:4	250:5,7 252:23	309:7,13	<b>Dan</b> 228:6	decides 244:15
287:11 288:24	253:8 269:13	349:23	<b>DANIEL</b> 223:15	deciding 346:13
296:1 298:24	275:18,23	customer 236:8	223:18	decision 317:16
302:15 305:10	276:1,3,5 279:5	238:3 239:14	darker 363:16	362:19
306:13 308:10	284:3,7 285:3	252:12 260:12	data 232:6	decisions 370:24
310:18 315:10	287:22 288:5	264:16 268:14	265:21,23	declare 245:3
315:12 317:7	292:14,15,18	268:15 278:9	266:18 267:4,6	decline 263:13
321:22 326:11	293:24 302:1	296:8 298:1,2,8	267:16 268:12	264:11,20
341:19 353:9	302:10,21	303:25 304:9	268:22 277:11	decreases 263:10
353:17,20	307:24 308:5,8	304:24 305:18	277:15,16,21	deep 247:12
366:3 376:4	308:11,13	305:25 306:1,3	277:25 278:1,4	<b>deferred</b> 335:8,9
379:6,20	310:8,21,23	310:1,4 311:15	294:7,9 298:14	defined 318:4
381:18 382:7	311:5 326:10	312:6,15,25	328:20 329:10	definitely 261:7
counselor 239:24	326:13 327:21	314:1 315:20	332:19,22	definition 348:25
305:11 332:16	327:23 334:10	315:21 316:2,4	333:16 336:24	<b>deliver</b> 349:18
counsel's 288:14	334:13,16	316:12,14	366:11 368:9	355:25 364:6
302:22	339:23,25	337:23,24	375:18 379:20	<b>delivered</b> 355:20
Counsel/Gas	346:4,5,8,11	347:15 351:5	379:23,25	364:4,11,14,21
225:6	348:5,8 353:8	373:16,21	380:2 392:17	373:25 374:24
count 252:13	353:11 366:9	385:10	392:18,20,21	<b>deliveries</b> 349:15
<b>Counties</b> 273:14	378:17,23	customers	392:23 393:6	374:12,17
counting 359:2	379:3,5 380:16	236:20,25	<b>dating</b> 244:11	delivers 374:19
country 263:9	381:11,13,20	237:1 241:1	<b>Dave</b> 268:17	delivery 351:3
372:23	382:13,14,18	244:1,9,16,19	<b>David</b> 387:20	355:11,13,23
counts 264:16	384:9,9,12,15	245:17 250:18	390:9,10 391:9	356:4,11,14,25
298:2,8	384:20,21,25	251:10 262:14	391:11	357:20 361:3
County 395:3,15	385:6,16,16,17	263:10 271:10	day 244:15	368:25 371:24
course 240:16	385:21,22,22	289:25 296:14	373:21 374:7	372:10,11
245:11,14	386:3	299:14 302:25	375:8	department
280:20 296:23	cross-examining	304:15,16	days 374:23	224:19 284:15
330:24	339:18	305:3 309:9,11	day-to-day	dependent
court 226:18	CSR 223:22	312:18 315:1	349:15 372:19	354:20 371:12
227:15 329:2	395:19	316:5,6,23	374:13	depending
343:19 367:13	curiosity 319:8	317:1,4 326:23	Dcooper@bry	233:20
J-J.17 JU1.13		J17.1, T J20.2J		233,20
L				

	 I	 I	 I	 I
<b>depends</b> 233:18	362:2 374:19	241:12,14	<b>dollar</b> 306:5	economics 263:8
261:10 348:25	374:20	339:2	<b>dollars</b> 346:24	359:14,15
371:14 375:2	difficult 264:1	discussion	dominant 356:4	361:3
depreciated	Diggins 255:2	257:18 335:3	356:14	<b>effect</b> 263:17
357:12	258:2 259:5	362:7	<b>dormant</b> 359:20	327:11
depreciation	289:19	discussions	<b>DR</b> 266:10 269:1	effective 320:16
357:16	dire 339:5 340:6	227:18 257:12	269:2 278:15	354:3
Deputy 225:6	341:20 370:19	334:25	293:21 333:17	<b>effects</b> 260:19
describe 343:6	371:10 385:18	<b>dispute</b> 251:15	335:23 336:9	263:3,7
379:17	385:18,24,25	distributed 333:1	337:18 388:19	efficiency 262:24
described 311:14	direct 235:6	district 250:15	393:14	263:4 307:22
describes 240:15	238:13 248:6	250:16 320:21	<b>draft</b> 349:3	efficient 262:25
240:20	248:25 274:7	337:12,14	drafting 348:22	263:18,19
design 311:14	274:15 281:2	351:23 391:18	drawn 276:25	<b>efforts</b> 260:19
312:5 313:1,2	281:12 286:7	391:20,22,24	drive 244:24	eight-inch 260:7
315:7 346:13	288:19 294:21	393:16	<b>dropped</b> 263:14	<b>either</b> 229:5
347:9 385:9	301:1 306:18	districts 244:2	<b>DRs</b> 269:1	247:4,21
389:13	306:23 324:8	251:2 290:7	dryer 372:25	269:22 272:16
designed 237:24	324:19,22	291:17 319:15	dryers 347:19	296:8 314:9
designing 263:4	325:9,11	319:21 338:4	374:4	320:22 322:19
detail 239:22	342:25 343:21	341:22 358:5,9	<b>dually</b> 333:8	335:1 364:21
366:18	343:22 344:2	358:20 359:12	<b>due</b> 366:24 367:1	365:5
detailed 235:12	349:7 377:14	362:14 368:23	370:24	electric 334:23
determination	378:1 384:8,11	division 224:23	dynamic 361:5	348:17 350:5
250:24	384:15,17,20	227:10 234:20		361:25
determine	384:24 385:6	237:6,13 239:2	E	electricity 343:8
242:14 327:1	385:15,21	239:11 242:25	<b>E</b> 226:1,1 283:1	361:25
determined	386:2 387:4,10	253:17,22,24	384:1 391:13	electrics 334:23
266:11	388:3,5,10,13	254:17,21	395:1,1	electronic 352:5
detrimental	388:22,24	268:14 393:18	earlier 229:1,23	elements 314:3
236:24	389:11 393:8	394:1	238:13 276:7	315:8 316:1
<b>develop</b> 348:19	393:19	divisions 236:10	324:3 355:4	eliminate 237:20
375:9	directed 332:17	238:12,17	369:12 373:19	eliminating
developed 297:8	direction 316:17	240:19,24	374:2,6,6	373:17
developing	337:6	242:8,16 243:5	earliest 297:21	<b>employ</b> 349:13
297:24	directly 350:23	303:1	early 245:12,17	employed 248:9
Development	351:14 352:14	document 259:16	250:17,20,22	248:11 274:10
224:19	discretion 352:1	259:17 265:3	263:12 343:15	281:9 286:11
<b>device</b> 226:11	discrimination	333:5 336:19	earn 238:22	324:15,16
<b>Diana</b> 224:3	306:7	379:15	<b>easier</b> 360:19	343:4,9 377:17
226:16	discussed 227:22	documents 287:3	East 224:4,9	employee 267:23
difference	229:25 231:1	380:5	easy 344:21	employer 306:20
347:10 364:3	257:20 258:14	<b>doing</b> 260:17	economic 224:19	<b>employs</b> 349:11
different 235:25	272:5 322:1	261:17 262:4	264:10 360:13	en 311:21
238:7,8 249:7	334:17	262:20,23	360:18	enacted 335:2
296:19 306:1	discusses 316:11	263:2 358:15	economically	352:17
352:23 361:22	discussing 231:1	359:7 364:17	360:20	enactment
	Ī		<u> </u>	

www.midwestlitigation.com MIDWEST LITIGATION SERVICES
Phone: 1.800.280.3376

350:12 352:13	348:9 356:23	373:24	255:16,17,18	380:8,10,12
<b>energy</b> 224:23	363:22 366:8	examination	255:21,25	387:3,5,7,9,11
227:10 262:24	367:18 370:20	248:6 270:7	259:10 265:6,9	387:13,15,17
263:3,4 307:21	385:20 393:9	274:7 279:18	265:13 266:21	387:19,21,23
343:7 348:14	393:11,13	281:2 285:17	266:23,25	388:3,5,6,8,10
349:25 351:1	Ervin's 231:25	286:7 288:19	267:7,13 268:5	388:11,13,15
355:14 356:10	especially 263:25	295:10 301:1	268:7,8,12	388:17,19,22
357:1,11	essentially	306:18 322:25	269:6,8,9 272:9	388:24 389:3,5
358:13 364:17	231:20 260:25	324:8 325:14	272:24 273:9	389:7,9,10,12
371:21,25	339:17 346:20	335:22 340:6	275:21 277:15	389:15,17,19
375:10	366:20	341:20 342:25	277:16,17,18	389:20,22,24
<b>Energy's</b> 256:9	estimate 340:14	366:7 370:19	277:25 279:1	390:3,5,6,8,10
393:18 394:1	369:17	371:10 377:14	281:13,16,20	390:11,13,15
engaged 243:8	estimated 366:25	384:8,10,11,12	281:23 282:1,5	390:17,19,21
England 224:3	et 231:4	384:15,16,17	282:8,11	390:23 391:3,4
<b>Ensrud</b> 389:21	event 315:17	384:20,21,24	283:17,18,18	391:6,8,10,12
390:20	eventually 245:4	385:6,15,17,18	283:23 286:17	391:14,16,17
enter 233:8 334:5	evidence 227:19	385:18,21,24	286:23 287:18	391:19,21,23
376:18	228:22 233:11	385:24,25	289:6 290:17	392:1,4,5,7,9
entered 250:1	233:24 237:8	386:2	290:22 291:1	392:11,12,14
259:10,13	242:5,8 247:6	<b>example</b> 244:13	292:11 293:17	392:16,18,19
266:21,23	249:23 250:4	264:24 306:2	293:18,22	392:21,22,24
268:5 269:6,8	259:13,14	357:5	294:1 300:11	393:3,5,8,10,12
275:20 278:22	267:1 268:9	exceeded 237:8	300:18,20	393:14,15,19
278:24 287:17	269:10 275:17	exceeds 254:7	302:8 308:3	393:20,22,24
291:14 292:9	275:22 279:2	excellent 236:17	324:20,23	394:2,5,7,9
326:5	283:25 287:19	318:8 319:14	325:1,4,12,25	exhibits 228:19
entering 231:1	292:12 300:11	<b>Excerpt</b> 392:15	326:1,2,2,6	231:1 248:21
<b>entire</b> 245:13	300:19,21	excess 240:17,21	329:3,4,12	249:14,16,23
entities 374:4	302:9 303:15	243:1 262:16	330:1 332:17	250:1 267:3
entity 350:2	307:23 308:2,4	284:13,18	332:25 333:10	272:7 274:20
entries 226:14	312:4 316:14	Exchange 363:6	333:25 334:6,7	275:9,17,20
<b>equal</b> 311:15	318:17 319:7	exclusively	336:13,14,18	277:14 278:22
312:6 314:3,5	326:7 334:8	372:16	337:10,17	278:24 282:15
315:7,25	338:14,16	excuse 233:7	338:16 339:2,4	283:21 286:20
385:10	339:17 376:21	305:3 352:3	339:13,21	287:1,10,12,14
equipment 238:9	377:9 378:16	367:23	340:2,8,12	287:16 291:4
equity 235:1	378:22 380:13	excused 229:7	342:4 343:20	292:7,9 301:12
error 344:6,13	384:7,13,18,23	274:1 288:14	344:4,17,22,23	301:25 302:6
Ervin 233:14,15	385:4,7,14,20	377:4 381:17	354:12 366:17	307:2,23 308:1
233:21 311:23	386:1,5	executive 248:13	367:10,14,15	326:5 343:20
318:16 319:9	evidentiary	348:11	367:19,21	344:1 345:24
320:5,13	223:6 226:4	<b>exhibit</b> 228:5,9	368:1 369:9,25	346:3 365:13
322:12,16	exact 258:16	228:21 230:13	370:8,17 376:4	376:16 378:5,9
342:19,24	327:17	230:14,17,18	376:14,20,25	378:16 387:1,2
343:3,18	exactly 240:15	233:9,10	378:19,21	388:1,21 389:1
345:23 346:4	331:7 349:3	249:10 250:3	379:8,10,14	390:1 391:1
	I	I	I	I

393:18.394:1,4   343:15.358:11   fewer 357:23   304:13.13.23   forward 233:19   263:15.25   314:3   factor 263:22   264:3.8 340:24   fight 245:2   330:6.9 332:6   330:13.25   330:6.9 332:6   330:13.25   330:6.9 332:6   330:13.25   330:6.9 332:6   330:13.25   330:6.9 332:6   330:13.25   330:6.9 332:6   330:13.25   330:6.9 332:6   330:13.25   330:6.9 332:6   330:13.25   330:1			 I	 I	
314:3   Factor 263:22   264:3,8 340:24   Figure 238:6   330:6,9 332:6   300:9   Soster 228:6   Factors 246:4,8   335:7 340:12   356:3 358:24   236:9 242:8   236:10 264:15   358:1   366:13.25   243:5 258:6,21   366:13.25   243:5 258:6,21   366:13.25   243:5 258:6,21   366:13.25   366:14.25	393:18 394:1,4	343:15 358:11	fewer 357:23		<b>forward</b> 233:19
expansion         264:3,8 340:24 factored 336:6 factored 336:6 factore 246:4,8 factored 336:6 factors 246:4,8 and 245:22 factors 246:4,8 and 245:22 factors 246:4,8 and 245:22 factors 246:4,8 and 245:23:4 figures 254:11 and 236:13 and 236:14 and 237:1 extend 247:15 and 248:14 and 248:	_				
260:18 expect 245:22 factors 246:4.8 expect 245:22 factors 246:4.8 decelerated 245:15 factors 246:4.8 decelerated 245:15 decelerated 245:15 decelerated 245:15 decelerated 245:15 decelerated 245:15 decelerated 245:15 decelerated 245:16 decelerated 245:15 decelerated 245:16 decelerated 245:17 decelerated 245:16 decelerated 245:17 decelerated 245:18 decelerated 245:18 decelerated 245:19 de	314:3	<b>factor</b> 263:22	$\cup$	,	
expect 245:22         factors 246:4,8         335:7 340:12         356:3 358:24         236:9 242:8           262:10 264:15         261:17 284:14         figures 254:11         366:13.25         366:13.25         243:5 258:6.23         243:5 258:6.23         243:5 258:6.23         243:19 305:7         303:19 305:7         303:19 305:7         6000000000000000000000000000000000000	_	264:3,8 340:24	<b>figure</b> 238:6	332:11 354:5	Foster 228:6
262:10 264:15   367:4 378:10   367:4 378:10   362:10 289:13   367:2 438:14   362:10 289:15   367:6 368:13   303:19 305:7   6		factored 336:6	·	354:16 355:23	four 234:14
357:24 358:1   cxpense 278:10   facts 232:4   asch 232:4   cxpensive 359:16   fair 243:17   cxpensive 359:16   arch 237:18   246:24 296:13   347:19   farlify 357:16   2269:24   246:24 296:13   308:20 316:24   309:12   armily 243:20   2265:20 266:8   319:4 328:22   four 257:18,19   file 236:52 376:5   fluctuations   305:14   fried 231:2   2267 249:6   fluctuations   305:14   fried 231:2   2267 249:6   fluctuations   305:14   fried 231:2   following 236:13   305:14   fried 231:2   2267 249:6   fluctuations   361:11   focused 234:5,10   239:21 241:15   focused 234:5,10   239:21 241:15   focused 234:5,10   239:21 241:15   focused 234:5,10   239:21 241:15   focused 234:5,10   305:14   fried 360:10   fried 231:2   following 236:13   306:12   fried 360:10   fried 360:10   fried 360:10   fried 231:2   following 236:13   fried 360:10   fried 360:10   fried 360:10   fried 360:10   fried 360:10   fried 231:2   following 236:13   fried 360:10   fried 360:10   fried 236:2   flux 24:23   following 236:13   fried 360:10   fried 231:2   following 236:13   fried 360:10   fried 230:2   flux 24:23   following 236:13   fried 360:10	_	· ·	335:7 340:12	356:3 358:24	236:9 242:8
expense 278:10 expenses 284:24 expensive 359:16 expensive 359:16 ox 373:18 experiencing 347:19 experition in the spension and in the spension a	262:10 264:15	261:17 284:14	<b>figures</b> 254:11	366:13,25	243:5 258:6,21
expenses 284:24 expensive 359:16 experiencing 373:18         factual 237:12 cycle 10 fair 243:17 cycle 246:10 cycle 246:10 cycle 246:12 cycle 138:16 expertiencing 347:19         desperiencing 246:24 296:13 cycle 138:16 expertise 373:6 expertise 373:6 expertise 373:6 expired 309:12 dycle 243:20 cycle 309:12 dycle 243:20 cycle 243:20 dycle 2	357:24 358:1	367:4 371:16	263:15,15	367:6 368:13	
expensive 359:16 373:18         fair 243:17 245:12 246:10 246:24 296:13 347:19         file 226:5 256:5 filed 231:22 259:16 306:23 filed 231:22 309:21         flip 379:24 flow 261:9 flow 261:9 305:14         franchises 235:21 free 304:4,6 305:14           expert 318:16 experts 373:6 expired 309:12 309:21         familiar 251:12 328:4 330:4 family 243:20 226:7 249:6 explain 231:10         238:4 330:4 far 264:15 273:5 291:21 323:1 291:21 323:1 295:24,24         331:10 368:21 331:10 368:17 331:10 368:10 331:10 368:10 331:10 368:10 331:10 368:10 331:10 368:10 331:10 368:10	expense 278:10		328:10 329:19	385:2	<b>fourth</b> 239:16
373:18 experiencing particles         245:12 246:10 particles         259:16 306:23 particles         floor 257:18,19 particles         235:21 particles         235:21 particles         free 304:4,6 particles         305:14 particles         particles         400:11 particles         particles         400:44,6 particles         305:14 particles         300:21 particles         300:21 particles         300:21 particles         300:21 particles         305:14 particles         305:14 particles         305:14 particles         305:14 particles         305:13 particles         305:14 particles         305:14 particles         305:14 particles         305:13 particles         305:14 particles         305:14 particles         305:14 particles         305:14 particles         306:10 particles         306:22 particles         300:25 partic	expenses 284:24	<b>factual</b> 237:12	368:20	· ·	243:20 304:10
experiencing 347:19         246:24 296:13 fairly 357:16         filed 231:22 289:4,23 307:7         flow 261:9 fluctuations         free 304:4,6 305:14           expert 318:16 expertise 373:6 expired 309:12 309:21         assiling 251:12 265:20 266:8         289:4,23 307:7 319:4 328:22 265:20 249:6         361:11 50cusing 371:23 6llow 308:15 50llow 308:15 6llow 308:14 700:239:21:24:15 365:13 365:13 7lle 246:12 339:12,2,24 330:12,2,24 330:12,2,24 330:12,2,24 330:12,2,24 330:12,2,24 330:12,2,24 330:12,2,2,2 330:12,2,2,2 330:12,2,2,2 330:12,2,2,2 330:13,2,2,2,2 330	expensive 359:16	<b>fair</b> 243:17	file 226:5 256:5	_	franchises
347:19 expert 318:16 expert 318:16         fairly 357:16 familiar 251:12         289:4,23 307:7 fluctuations 361:11         305:14         Friday 229:3 fluctuations 239:21 241:15           expired 309:12 solution 284:10 291:5         328:4 330:4 family 243:20 fmily 243:20 226:7 249:6         follow 308:15 fluctuations 307:1 330:21 338:14         307:21 383:14 fluor 233:11 fluor 233:11 fluor 233:11 gas:14         307:21 383:14 sluin 331:10 368:21 fluor 248:15 gluin 240:9 282:7 gluin 231:10 337:17 340:15 356:14 sluin 391:22,24 240:22 366:17 explains 232:12 gluin 240:22 366:17 explains 232:12 fluor 240:22 366:17 explains 232:12 fluor 240:22 366:17 explains 232:12 gluin 240:22 366:17 gluin 240:19 gluin 240:22 366:17 gluin 240:19 gluin 240:22 366:17 gluin 366:19 gluin 240:22 366:17 gluin 240:22 366:22 gluin 240:22 366:17 gluin 240:22 366:17 gluin 240:22 366:22 gluin 240:22 366:17 gluin 240:22 366:22 gluin 240:22 366:23 gluin 240:22 366:22 gluin 240:22 366:23 gluin	373:18	245:12 246:10	259:16 306:23	<b>floor</b> 257:18,19	235:21
expert 318:16 expertise 373:6 expired 309:12 getpired 309:21 getpired 309:21 explain 231:10 238:10 238:10 238:10 239:21 243:25 getpired 309:25 applied 309:25 applied 309:21 applied 309:22 appli	experiencing	246:24 296:13	<b>filed</b> 231:22	<b>flow</b> 261:9	<b>free</b> 304:4,6
expertise 373:6         265:20 266:8         319:4 328:22         focused 234:5,10         239:21 241:15           explain 231:10         family 243:20         226:7 249:6         follow 308:15         383:18,19           explain 231:10         far 264:15 273:5         final 240:9 282:7         follow 308:15         383:18,19           284:10 291:5         291:21 323:1         282:10 328:16         365:13         friend 360:10         front 245:14           295:24,24         323:12 329:19         331:10 368:21         365:13         follows 248:5         319:7 340:8           296:22 309:5         337:17 340:15         391:16,18,20         274:6 281:1         fuel 246:12           318:17 359:15         356:14         391:22,24         286:6 288:18         361:23           363:25 371:17         farmer 360:11         farmer 360:4         finally 368:17         300:25 306:17         fuels 244:7,8           explains 232:12         240:22 366:17         feasibility 260:16         244:23         377:13         fuels 244:7,8           291:21 365:7         261:25 262:4         318:19         force 244:25         250:14,17           extend 237:1         262:15,20,23         fine 259:21         forceast 374:9         305:18 306:19           extra 364:21         272:23         3	347:19		289:4,23 307:7	fluctuations	305:14
expired 309:12 309:21         328:4 330:4 family 243:20         filing 223:11 226:7 249:6         focusing 371:23 follow 308:15         307:21 383:14 383:18,19           explain 231:10 284:10 291:5 296:22 309:5 318:17 359:15 363:25 371:17         291:21 323:1 233:12 329:19         331:10 368:21 391:16,18,20         365:13 391:16,18,20         365:13 274:6 281:1 274:6 281:1 391:22,24         760 lowing 236:13 360:13         friend 360:10 front 245:14           explains 232:12 240:22 366:17 explanation 365:7         farmer 360:4 feasibility 260:16 261:25 262:4         finally 368:17 final 316:19         300:25 306:17 377:13         fuel 246:12 377:13         fuels 244:7,8 361:22           expressed 236:13 extend 237:1 extend 247:21 extend 242:15,24 extr 361:9         262:15,20,23 264:21,25 264:21,25 264:21,25         fine 259:21 365:19         Fordland 255:2 258:3 259:4         250:14,17 251:20,21           extra 364:21 376:24         266:9,11,13 272:8,12,16,20         first 234:16 242:11 267:4 306:12         263:25 303:17,21         forecasting forecasting         160 recasting forecasting         263:25 252:7 358:1         252:22 280:16 252:7 358:1           extra 364:21 376:24         fed 352:6 274:17 306:7         365:12 274:17 306:7         263:25 274:17 306:7         252:22 280:16 371:18 372:14         572:22 280:16 371:18 372:14         572:22 280:16 371:18 372:14         670 recast 374:9 50	_				•
309:21         family 243:20         226:7 249:6         follow 308:15         383:18,19           explain 231:10         far 264:15 273:5         final 240:9 282:7         following 236:13         383:18,19           284:10 291:5         291:21 323:1         282:10 328:16         365:13         front 245:14           295:24,24         323:12 329:19         331:10 368:21         follows 248:5         319:7 340:8           296:22 309:5         337:17 340:15         391:16,18,20         274:6 281:1         fuel 246:12           363:25 371:17         farmer 360:11         farmer 360:14         finally 368:17         300:25 306:17         fuel 244:12           explains 232:12         feasibility 260:16         244:23         377:13         full 246:11           explains 237:1         260:17 261:17         find 316:19         follow-up 356:24         force 244:25         251:40,21           expressed 236:13         262:15,20,23         365:19         258:3 259:4         305:18 306:19           extend 237:1         263:2,20,23         365:19         258:3 259:4         305:18 306:19           exter 242:15,24         264:21,25         firm 395:5         forecast 374:9         forecast 374:9         forecast 374:9         foregoing 395:11         furnaces 263:18         further 237:18 <t< td=""><td>_</td><td></td><td></td><td></td><td></td></t<>	_				
explain 231:10 284:10 291:5 295:24,24 296:22 309:5 318:17 359:15 363:25 371:17 explains 232:12 240:22 366:17 explanation 365:7 260:17 261:17 261:25 262:4 272:8,12,16,20 272:8,12,16,20 272:8,12,16,20 272:8,12,16,20 272:8,12,16,20 273:18 375:14 363:25 371:17 explains 232:12 240:22 366:17 expressed 236:13 extend 237:1 extend 247:21 extra 364:21 376:24 377:23 377:23 378:2 274:24 286:6 288:18 377:13 578:24 244:23 377:13 578:2 578:30:19 578:30:10 578:30:1	-		$\sim$		
284:10 291:5         291:21 323:1         282:10 328:16         365:13         front 245:14           295:24,24         323:12 329:19         331:10 368:21         74:6 281:1         319:7 340:8           296:22 309:5         337:17 340:15         391:16,18,20         274:6 281:1         fuel 246:12           318:17 359:15         356:14         391:22,24         286:6 288:18         361:23           363:25 371:17         farmer 360:11         finally 368:17         300:25 306:17         fuels 244:7,8           explains 232:12         feasibility 260:16         244:23         377:13         full 246:11           explanation         260:17 261:17         510 318:19         force 244:25         250:14,17           expressed 236:13         262:15,20,23         fine 259:21         force 244:25         251:20,21           extending 247:21         264:68,10,12         firm 395:5         forecast 374:9         305:18 306:19           extra 361:9         266:9,11,13         first 234:16         foregoing 395:11         furnace 359:4,17           extra 362:4         272:8,12,16,20         242:11 267:4         263:25         252:7 358:1           361:10         fed 352:6         356:24 370:5         378:2         forme 248:18         furnaces 259:4,17 <t< td=""><td></td><td>•</td><td></td><td></td><td>· ·</td></t<>		•			· ·
295:24,24         323:12 329:19         331:10 368:21         follows 248:5         319:7 340:8           296:22 309:5         337:17 340:15         391:16,18,20         274:6 281:1         fuel 246:12           318:17 359:15         356:14         391:22,24         286:6 288:18         361:23           363:25 371:17         farmer 360:11         farmers 360:4         finally 368:17         300:25 306:17         fuels 244:7,8           explanation         365:7         261:25 262:4         318:19         follow-up 356:24         501:25 262:4         501:25 262:4         501:25 262:4         258:3 259:4         305:18 306:19         258:3 259:4         305:18 306:19         258:3 259:4         305:18 306:19         258:3 259:4         305:18 306:19         258:3 259:4         305:18 306:19         258:3 259:4         305:18 306:19         258:3 259:4         305:18 306:19         258:3 259:4         305:18 306:19         258:3 259:4         305:18 306:19         258:3 259:4         305:18 306:19         258:3 259:4         305:18 306:19         258:3 259:4         305:18 306:19         258:3 259:4         305:18 306:19         258:3 259:4         305:18 306:19         258:3 259:4         305:18 306:19         258:3 259:4         305:18 306:19         258:3 259:4         305:18 306:19         258:3 259:4         305:18 306:19         258:3 259:4	_	<b>far</b> 264:15 273:5	<b>final</b> 240:9 282:7	following 236:13	<b>friend</b> 360:10
296:22 309:5         337:17 340:15         391:16,18,20         274:6 281:1         fuel 246:12           318:17 359:15         356:14         391:22,24         286:6 288:18         361:23           363:25 371:17         farmer 360:11         finally 368:17         300:25 306:17         fuels 244:7,8           explains 232:12         feasibility 260:16         260:17 261:17         365:7         261:25 262:4         318:19         follow-up 356:24         full 246:11           expressed 236:13         262:15,20,23         365:19         258:3 259:4         305:18 306:19           extend 237:1         263:2,20,23         365:19         258:3 259:4         305:18 306:19           extend 242:15,24         264:21,25         firm 395:5         forecast 374:9         395:11           extra 364:21         272:23         303:17,21         263:2,50,23         242:11 267:4         263:2,50,23           extra 364:21         272:8,12,16,20         242:11 267:4         263:2,50,23         395:19         258:3 259:4         395:11           extract 362:4         feasible 362:13         303:17,21         forecasting         fully 247:1 252:6           extract 362:4         feasible 362:13         306:14 311:16         forget 230:7         forma 248:18         furnace 359:4,17 <tr< td=""><td>284:10 291:5</td><td>291:21 323:1</td><td>282:10 328:16</td><td>365:13</td><td>front 245:14</td></tr<>	284:10 291:5	291:21 323:1	282:10 328:16	365:13	front 245:14
318:17 359:15       356:14       391:22,24       286:6 288:18       361:23         363:25 371:17       farmer 360:11       finally 368:17       300:25 306:17       fuels 244:7,8         240:22 366:17       feasibility 260:16       244:23       377:13       full 246:11         explanation       260:17 261:17       318:19       force 244:25       250:14,17         expressed 236:13       262:15,20,23       fine 259:21       Fordland 255:2       252:12 270:11         extend 237:1       263:2,20,23       365:19       258:3 259:4       305:18 306:19         extending 247:21       264:6,8,10,12       finish 300:9       289:18       310:2,4 354:7         extra 361:9       266:9,11,13       first 234:16       forecasting       395:11       fully 247:1 252:6         extra 364:21       272:8,12,16,20       242:11 267:4       263:25       252:7 358:1       252:7 358:1         361:10       fed 352:6       356:24 370:5       371:18 372:14       form 248:18       furnaces 263:18         faced 314:19       395:19       362:12,20,22       forma 291:10       306:10 338:8         faced 314:19       371:20       fixed 313:1       former 239:17       370:2 376:8         fact 232:9 269:2       328:7,22       329:13,24,25	295:24,24	323:12 329:19	331:10 368:21	follows 248:5	319:7 340:8
363:25 371:17         farmer 360:11         finally 368:17         300:25 306:17         fuels 244:7,8           explains 232:12         farmers 360:4         financially         324:7 342:24         361:22           240:22 366:17         260:17 261:17         244:23         377:13         full 246:11           explanation         260:17 261:17         318:19         force 244:25         250:14,17           365:7         261:25 262:4         318:19         force 244:25         251:20,21           expressed 236:13         263:2,20,23         365:19         258:3 259:4         305:18 306:19           extending 247:21         264:6,8,10,12         finish 300:9         289:18         310:2,4 354:7           extra 361:9         266:9,11,13         272:8,12,16,20         242:11 267:4         303:17,21         forecast 374:9         395:11           extract 362:4         feasible 362:13         306:14 311:16         forgeoing 395:11         forgeoing 395:11         furnace 359:4,17           extraction         362:13         312:19 350:25         form 248:18         further 237:18           Feddersen         371:18 372:14         378:2         285:25 293:9           Forded 314:19         395:19         362:12,20,22         forme 239:17         370:2 376:8	296:22 309:5	337:17 340:15	391:16,18,20	274:6 281:1	<b>fuel</b> 246:12
explains 232:12 240:22 366:17         farmers 360:4 feasibility 260:16         financially 244:23 find 316:19         324:7 342:24 377:13         361:22 full 246:11           explanation 365:7         260:17 261:17 261:25 262:4 261:25 262:4 261:25 262:4 263:2,20,23         318:19 force 244:25 processed 236:13 263:2,20,23 a65:19 258:3 259:4 305:18 306:19         Fordland 255:2 252:12 270:11 258:3 259:4 305:18 306:19 258:3 259:4 305:11 267:4 263:25 252:7 358:1 267:4 376:24 272:23 303:17,21 306:14 311:16 362:13 306:14 311:16 362:13 306:14 311:16 362:13 306:14 311:16 353:7 378:2 274:17 306:7 252:22 280:16 378:2 274:17 306:7 252:22 280:16 378:2 274:17 306:7 252:22 280:16 378:2 274:17 306:7 252:22 280:16 378:2 274:17 306:7 252:22 280:16 378:2 274:17 306:7 252:22 280:16 378:2 274:17 306:7 252:22 280:16 378:2 274:17 306:7 252:22 280:16 378:2 274:17 306:7 252:22 280:16 378:2 274:17 306:7 252:22 280:16 378:2 274:17 306:7 252:22 280:16 378:2 274:17 306:7 252:22 280:16 378:2 274:17 306:7 252:22 280:16 378:2 274:17 306:7 252:22 280:16 378:2 274:17 306:7 252:22 280:16 378:2 274:17 306:7 252:22 280:16 378:2 274:17 306:7 252:22 280:16 378:2 274:17 306:7 274:17 306:7 274:17 306:7 274:17 306:7 274:17 306:7 274:17 306:7 274:17 306:7 274:17 306:7 274:17 306:7 274:17 306:7 274:17 306:7 274:17 306:7 274:17 306:7 274:17 306:7 274:17 306:7 274:17 306:7 274:17 306:7 274:17 306:7 274:17 306:	318:17 359:15	356:14	391:22,24	286:6 288:18	361:23
240:22 366:17 explanation         feasibility 260:16 260:17 261:17 260:17 260:17 261:17 260:17 260:17 261:25 262:4 318:19 260:25 262:4 318:19 262:15,20,23 262:15,20,23 365:19 258:3 259:4 305:18 306:19 263:2,20,23 365:19 258:3 259:4 305:18 306:19 289:18 300:2,4 354:7 264:21,25 262:4 264:21,25 272:8,12,16,20 242:11 267:4 272:23 303:17,21 272:8,12,16,20 242:11 267:4 272:23 303:17,21 263:25 252:22 280:16 273:18 376:24 272:23 303:17,21 272:8,12,16,20 242:11 267:4 272:23 303:17,21 263:25 252:7 358:1 272	363:25 371:17	<b>farmer</b> 360:11	<b>finally</b> 368:17	300:25 306:17	<b>fuels</b> 244:7,8
explanation         260:17 261:17         find 316:19         follow-up 356:24         250:14,17           365:7         261:25 262:4         318:19         force 244:25         251:20,21           expressed 236:13         262:15,20,23         fine 259:21         Fordland 255:2         252:12 270:11           extend 237:1         263:2,20,23         365:19         258:3 259:4         305:18 306:19           extend 247:21         264:6,8,10,12         finish 300:9         289:18         310:2,4 354:7           exter 361:9         266:9,11,13         first 234:16         forecast 374:9         395:11           extra 364:21         272:8,12,16,20         242:11 267:4         263:25         252:7 358:1           376:24         272:23         303:17,21         foregoing 395:11         furnace 359:4,17           extract 362:4         feasible 362:13         306:14 311:16         forget 230:7         furnaces 263:18           extraction         362:13         312:19 350:25         371:18 372:14         378:2         285:25 293:9           Feddersen         371:18 372:14         378:2         285:25 293:9           faced 314:19         371:20         fixed 313:1         50:12         50:12         50:12         50:12         50:12         50:12	explains 232:12	farmers 360:4	financially	324:7 342:24	361:22
365:7         261:25 262:4         318:19         force 244:25         251:20,21           expressed 236:13         262:15,20,23         fine 259:21         Fordland 255:2         252:12 270:11           extend 237:1         263:2,20,23         365:19         258:3 259:4         305:18 306:19           extend 247:21         264:6,8,10,12         finish 300:9         289:18         310:2,4 354:7           extend 242:15,24         266:9,11,13         first 234:16         forecast 374:9         395:11           extra 364:21         272:8,12,16,20         242:11 267:4         263:25         foregoing 395:11         fully 247:1 252:6           extract 362:4         272:23         303:17,21         foregoing 395:11         furnace 359:4,17           extraction         362:13         312:19 350:25         form 248:18         further 237:18           361:10         fed 352:6         356:24 370:5         274:17 306:7         252:22 280:16           Feddersen         371:18 372:14         378:2         285:25 293:9           faced 314:19         362:12,20,22         forma 291:10         306:10 338:8           former 239:17         370:2 376:8           feel 246:19,24         315:21 316:2         253:23 309:17         357:13           329:13,24,25	240:22 366:17	feasibility 260:16	244:23		<b>full</b> 246:11
expressed 236:13         262:15,20,23         fine 259:21         Fordland 255:2         252:12 270:11           extend 237:1         263:2,20,23         365:19         258:3 259:4         305:18 306:19           extending 247:21         264:6,8,10,12         finish 300:9         289:18         310:2,4 354:7           extra 361:9         266:9,11,13         first 234:16         forecast 374:9         fully 247:1 252:6           extra 364:21         272:8,12,16,20         242:11 267:4         263:25         252:7 358:1           376:24         272:23         303:17,21         foregoing 395:11         furnace 359:4,17           extract 362:4         feasible 362:13         312:19 350:25         form 248:18         further 237:18           361:10         fed 352:6         356:24 370:5         274:17 306:7         252:22 280:16           Forma 291:10         306:10 338:8         forma 291:10         306:10 338:8           faced 314:19         Federal 355:14         362:24         former 239:17         370:2 376:8           fact 232:9 269:2         feel 246:19,24         315:21 316:2         253:23 309:17         370:2 376:8           furthermore         329:13,24,25         feeling 314:19         358:18         forth 367:9 395:9         237:21 238:15	explanation	260:17 261:17	<b>find</b> 316:19	<b>follow-up</b> 356:24	250:14,17
extend 237:1         263:2,20,23         365:19         258:3 259:4         305:18 306:19           extending 247:21         264:6,8,10,12         finish 300:9         289:18         310:2,4 354:7           extent 242:15,24         266:9,11,13         first 234:16         forecast 374:9         395:11           extra 364:21         272:8,12,16,20         242:11 267:4         263:25         252:7 358:1           376:24         272:23         306:14 311:16         foregoing 395:11         furnace 359:4,17           extraction         362:13         362:13         312:19 350:25         form 248:18         further 237:18           Feddersen         371:18 372:14         five 247:19,22         forma 291:10         306:10 338:8           faced 314:19         Federal 355:14         362:24         fixed 313:1         former 239:17         370:2 376:8           fact 232:9 269:2         feel 246:19,24         315:21 316:2         253:23 309:17         357:13           329:13,24,25         feeling 314:19         358:18         forth 367:9 395:9         237:21 238:15	365:7	261:25 262:4	318:19		251:20,21
extending 247:21         264:6,8,10,12         finish 300:9         289:18         310:2,4 354:7           extent 242:15,24         264:21,25         firm 395:5         forecast 374:9         395:11           extr 361:9         266:9,11,13         first 234:16         forecasting         fully 247:1 252:6           extra 364:21         272:8,12,16,20         242:11 267:4         263:25         252:7 358:1           376:24         272:23         303:17,21         foregoing 395:11         furnace 359:4,17           extract 362:4         feasible 362:13         306:14 311:16         forget 230:7         furnaces 263:18           extraction         362:13         356:24 370:5         274:17 306:7         252:22 280:16           Feddersen         371:18 372:14         378:2         285:25 293:9           forma 291:10         306:10 338:8         362:24         formed 373:3         341:16 353:7           faced 314:19         Federal 355:14         371:20         fixed 313:1         241:13 253:16         furthermore           fact 232:9 269:2         328:7,22         329:13,24,25         316:10 326:15         309:24,25         forth 367:9 395:9         237:21 238:15	expressed 236:13	262:15,20,23	<b>fine</b> 259:21	Fordland 255:2	252:12 270:11
extent 242:15,24         264:21,25         firm 395:5         forecast 374:9         395:11           extr 361:9         266:9,11,13         first 234:16         263:25         252:7 358:1           376:24         272:23         303:17,21         foregoing 395:11         furnace 359:4,17           extract 362:4         feasible 362:13         306:14 311:16         forget 230:7         furnaces 263:18           extraction         362:13         312:19 350:25         form 248:18         further 237:18           Feddersen         371:18 372:14         378:2         285:25 293:9           5735:1         395:19         362:12,20,22         forma 291:10         306:10 338:8           facing 246:19         371:20         fixed 313:1         241:13 253:16         furthermore           fact 232:9 269:2         328:7,22         316:10 326:15         309:24,25         furthermore           329:13,24,25         feeling 314:19         358:18         forth 367:9 395:9         237:21 238:15	<b>extend</b> 237:1	263:2,20,23	365:19	258:3 259:4	305:18 306:19
extr 361:9         266:9,11,13         first 234:16         forecasting         fully 247:1 252:6           376:24         272:8,12,16,20         242:11 267:4         263:25         252:7 358:1           extract 362:4         feasible 362:13         303:17,21         foregoing 395:11         furnace 359:4,17           extraction         362:13         312:19 350:25         form 248:18         further 237:18           361:10         fed 352:6         356:24 370:5         274:17 306:7         252:22 280:16           Feddersen         371:18 372:14         378:2         285:25 293:9           forma 291:10         306:10 338:8         362:12,20,22         306:10 338:8           faced 314:19         371:20         fixed 313:1         former 239:17         370:2 376:8           furthermore         328:7,22         329:13,24,25         316:10 326:15         309:24,25         502:12 238:15           329:13,24,25         feeling 314:19         358:18         forth 367:9 395:9         237:21 238:15		264:6,8,10,12	<b>finish</b> 300:9	289:18	310:2,4 354:7
extra 364:21       272:8,12,16,20       242:11 267:4       263:25       252:7 358:1         376:24       272:23       303:17,21       foregoing 395:11       furnace 359:4,17         extract 362:4       feasible 362:13       306:14 311:16       form 248:18       further 237:18         361:10       fed 352:6       356:24 370:5       274:17 306:7       252:22 280:16         Feddersen       371:18 372:14       378:2       285:25 293:9         faced 314:19       395:19       362:12,20,22       forma 291:10       306:10 338:8         facing 246:19       371:20       fixed 313:1       241:13 253:16       furthermore         fact 232:9 269:2       328:7,22       316:10 326:15       309:24,25       309:24,25         329:13,24,25       feeling 314:19       358:18       forth 367:9 395:9       237:21 238:15	extent 242:15,24	264:21,25	<b>firm</b> 395:5	forecast 374:9	395:11
376:24       272:23       303:17,21       foregoing 395:11       furnace 359:4,17         extract 362:4       feasible 362:13       306:14 311:16       forget 230:7       furnaces 263:18         extraction       362:13       312:19 350:25       form 248:18       further 237:18         361:10       fed 352:6       356:24 370:5       274:17 306:7       252:22 280:16         Feddersen       371:18 372:14       378:2       285:25 293:9         forma 291:10       306:10 338:8         395:19       362:12,20,22       formed 373:3       341:16 353:7         facing 246:19       371:20       fixed 313:1       241:13 253:16       furthermore         fact 232:9 269:2       328:7,22       315:21 316:2       253:23 309:17       357:13         329:13,24,25       feeling 314:19       358:18       forth 367:9 395:9       237:21 238:15	<b>extr</b> 361:9	266:9,11,13	<b>first</b> 234:16	forecasting	<b>fully</b> 247:1 252:6
extract 362:4         feasible 362:13         306:14 311:16         forget 230:7         furnaces 263:18           361:10         fed 352:6         356:24 370:5         274:17 306:7         252:22 280:16           Feddersen         371:18 372:14         378:2         285:25 293:9           F 395:1         395:19         362:12,20,22         forma 291:10         306:10 338:8           facing 246:19         371:20         fixed 313:1         241:13 253:16         furthermore           fact 232:9 269:2         328:7,22         315:21 316:2         253:23 309:17         357:13           329:13,24,25         feeling 314:19         358:18         forth 367:9 395:9         237:21 238:15	extra 364:21	272:8,12,16,20	242:11 267:4	263:25	252:7 358:1
extraction       362:13       312:19 350:25       form 248:18       further 237:18         361:10       fed 352:6       356:24 370:5       274:17 306:7       252:22 280:16         Feddersen       371:18 372:14       378:2       285:25 293:9         F395:1       395:19       362:12,20,22       forma 291:10       306:10 338:8         faced 314:19       371:20       fixed 313:1       241:13 253:16       370:2 376:8         fact 232:9 269:2       feel 246:19,24       315:21 316:2       253:23 309:17       357:13         328:7,22       329:13,24,25       feeling 314:19       358:18       forth 367:9 395:9       237:21 238:15	376:24	272:23	303:17,21	foregoing 395:11	<b>furnace</b> 359:4,17
361:10         fed 352:6         356:24 370:5         274:17 306:7         252:22 280:16           Feddersen         371:18 372:14         378:2         285:25 293:9           F 395:1         395:19         362:12,20,22         forma 291:10         306:10 338:8           faced 314:19         Federal 355:14         362:24         former 239:17         370:2 376:8           fact 232:9 269:2         feel 246:19,24         315:21 316:2         253:23 309:17         357:13           328:7,22         329:13,24,25         feeling 314:19         358:18         forth 367:9 395:9         237:21 238:15	extract 362:4	feasible 362:13	306:14 311:16	U	furnaces 263:18
F         Feddersen         371:18 372:14         378:2         285:25 293:9           F 395:1         395:19         362:12,20,22         forma 291:10         306:10 338:8           faced 314:19         Federal 355:14         362:24         former 239:17         370:2 376:8           fact 232:9 269:2         feel 246:19,24         315:21 316:2         253:23 309:17         357:13           328:7,22         329:13,24,25         feeling 314:19         358:18         forth 367:9 395:9         237:21 238:15					
F         223:22 395:4         five 247:19,22         forma 291:10         306:10 338:8           F 395:1         395:19         362:12,20,22         formed 373:3         341:16 353:7           faced 314:19         Federal 355:14         362:24         former 239:17         370:2 376:8           fact 232:9 269:2         feel 246:19,24         315:21 316:2         253:23 309:17         357:13           328:7,22         329:13,24,25         feeling 314:19         358:18         forth 367:9 395:9         237:21 238:15	361:10				
F 395:1 faced 314:19 facing 246:19 fact 232:9 269:2 328:7,22 329:13,24,25 feeling 314:19 feeling 314:19  5223.22 393.4 362:12,20,22 362:12,20,22 362:12,20,22 362:12,20,22 362:12,20,22 362:12,20,22 362:12,20,22 362:12,20,22 362:12,20,22 362:12,20,22 362:12,20,22 362:12,20,22 362:12,20,22 362:12,20,22 362:12,20,22 362:12,20,22 370:2 376:8 370:2 376:8 4 turne 235:10					
faced 314:19       Federal 355:14       362:24       former 239:17       370:2 376:8         facing 246:19       feel 246:19,24       315:21 316:2       241:13 253:16       furthermore         328:7,22       247:21       316:10 326:15       309:24,25       future 235:10         329:13,24,25       feeling 314:19       358:18       forth 367:9 395:9       237:21 238:15			, , , , , , , , , , , , , , , , , , ,		
facing 246:19       371:20       fixed 313:1       241:13 253:16       furthermore         fact 232:9 269:2       feel 246:19,24       315:21 316:2       253:23 309:17       357:13         328:7,22       329:13,24,25       316:10 326:15       309:24,25       future 235:10         329:13,24,25       feeling 314:19       358:18       forth 367:9 395:9       237:21 238:15					
fact 232:9 269:2       feel 246:19,24       315:21 316:2       253:23 309:17       357:13         328:7,22       247:21       316:10 326:15       309:24,25       future 235:10         329:13,24,25       feeling 314:19       358:18       forth 367:9 395:9       237:21 238:15					
328:7,22 329:13,24,25	$\mathbf{c}$				
329:13,24,25 <b>feeling</b> 314:19 358:18 <b>forth</b> 367:9 395:9 237:21 238:15		,			
200 (011)	· ·		316:10 326:15	· · · · · · · · · · · · · · · · · · ·	<b>future</b> 235:10
330:6 341:10   FERC 234:24   flex 303:17   Fortson 228:6   245:18 252:11					
	330:6 341:10	FERC 234:24	flex 303:17	Fortson 228:6	245:18 252:11
			<u> </u>	<u> </u>	

360:17   360:17   360:17   360:17   360:18   328:2 331:13   328:2 331:13   328:2 331:13   328:2 331:13   328:2 331:13   328:2 331:13   328:2 331:13   328:2 331:13   328:2 331:13   328:2 331:13   328:2 331:13   328:2 331:13   328:2 331:13   328:2 331:13   332:1 339:8,9   327:17   360:27 363:5,18   362:7 363:5,18   362:7 363:5,18   363:19,19   365:20 366:22   330:14 361:1   392:19,20   365:20 366:22   330:14 361:1   392:19,20   301:2 303:8   360:17 370:6
G         357:11 358:12         327:17         253:10 260:4         353:16 355:4           G         362:7 363:5,18         362:7 363:5,18         362:7 363:5,18         268:25 320:2         284:8,9 286:1         360:17 370:6           G         226:1         364:4,16         395:14         301:2 303:8         H         H 387:16,18           Gallatin 239:2         365:20 366:22         365:20 366:22         365:20 366:22         365:20 366:22         301:2 303:8         H 387:16,18           297:3,4 391:20         369:20 370:14         369:20 370:14         371:1,24 372:2         372:4,9,11,18         303:9 308:14         311:25 319:6         half 354:23           Gallery 224:14         371:1,24 372:2         372:4,9,11,18         303:9 308:14         328:2 333:19         348:10 365:7         364:13           226:8,18         374:22 377:22         378:24 381:14         358:21 363:5         374:8 376:17         364:13           235:18 236:7         382:19 388:19         365:19 366:5         377:2         374:8 376:17         360:17 370:6           Burn district         369:20 370:14         399:20         328:24 300:10         327:24,25         335:14 348:9         364:13         364:13           235:18 236:7         382:19 388:19         365:19 366:5         377:2
G         358:22 361:7         given 263:9         273:24 281:3,4         360:17 370:6           G         26:7 363:5,18         363:19,19         330:14 361:1         292:19,20         H           Gallatin 239:2         365:20 366:22         365:20 366:22         367:7 369:3,4,8         369:20 370:14         395:14         310:22 311:24         hair 363:16           297:3,4 391:20         369:20 370:14         239:20         324:5,9,10         327:24,25         324:5,9,10         327:24,25         328:23 33:19         336:13         329:1         329:24         329:20         327:24,25         328:23 33:19         336:13         329:1         329:24         329:20         327:24,25         328:23 33:19         329:20         327:24,25         328:24 38:14         328:23 33:19         328:23 33:19         335:14 348:9         335:14 348:9         336:13         328:24 358:21         338:14 348:9         336:13         348:10 365:7         364:13         360:17 370:6         360:17 370:6         360:17 370:6         360:17 370:6         360:17 370:6         30:23 30:8         4         4         4         4         4         4         4         4         4         4         4         4         4         4         4         4         4         4         4         <
G         362:7 363:5,18         268:25 320:2         284:8,9 286:1         H           G 226:1         363:19,19         330:14 361:1         292:19,20         H           Gallatin 239:2         365:20 366:22         giving 305:24         310:22 311:24         hair 363:16           297:3,4 391:20         369:20 370:14         369:20 370:14         239:20         324:5,9,10         HALL 223:18           Gallery 224:14         371:1,24 372:2         303:9 308:14         322:23         335:14 348:9         Hand 329:1           224:7,12 226:6         373:24,25         312:1 322:23         335:14 348:9         hand 329:1           226:8,18         374:22 377:22         328:24 358:21         348:10 365:7         handed 256:2,4           227:12,15         378:24 381:14         365:19 366:5         374:8 376:17         364:13           235:18 236:7         382:19 388:19         365:19 366:5         377:2         378:24 381:14         377:2 383:13         372:25 374:4         handles 349:14           243:13 244:1,4         248:13 250:6         GA-2010-0189         267:20 272:25         258:1 259:5         granting 267:18         happened 320:1           261:8,9 263:10         GA-94-127         239:21 244:15         greater 264:15         happening
G         363:19,19         330:14 361:1         292:19,20         H           G 226:1         364:4,16         395:14         301:2 303:8         H 387:16,18           Gallatin 239:2         365:20 366:22         giving 305:24         310:22 311:24         hair 363:16           297:3,4 391:20         369:20 370:14         399:20         324:5,9,10         HALL 223:18           Gallery 224:14         371:1,24 372:2         302:28:24 300:10         327:24,25         HALL 223:18           gas 223:10,12         372:24,9,11,18         303:9 308:14         329:20         328:2 333:19           224:7,12 226:6         373:24,25         312:1 322:23         335:14 348:9         365:19 366:5         374:8 376:17         364:13           227:12,15         378:24 381:14         358:21 363:5         374:8 376:17         366:17         366:19         377:2 383:13         377:2         336:17 367:18         379:13           239:17,19         394:3         377:2 383:13         372:25 374:4         grain 347:18         379:13         379:13           248:13 250:6         GA-2010-0189         267:20 272:25         going 226:11         grain 234:17         Hang 277:20         happen 236:5           253:12 260:8,9         267:20 272:25         239:21 244:15         great 253:
G 226:1         303.19,19         350.14 301.1         395:14         301:2 303:8         301:2 303:8         H 387:16,18         hair 363:16         hair 363:16         hair 363:16         hair 363:16         haif 354:23         H 387:16,18         hair 363:16         hair 363:16         hair 363:16         haif 354:23         H 387:16,18         hair 363:16         half 354:23         H 387:16,18         hair 363:16         hai
Gallatin 239:2         365:20 366:22         giving 305:24         310:22 311:24         hair 363:16         haif 354:23           297:3,4 391:20         369:20 370:14         239:20         324:5,9,10         327:24,25         324:5,9,10         HALL 223:18           gas 223:10,12         372:4,9,11,18         303:9 308:14         328:2 333:19         364:13           226:8,18         374:22 377:22         328:24 358:21         348:10 365:7         364:13           227:12,15         378:24 381:14         358:21 363:5         374:8 376:17         366:17 367:18           239:17,19         382:19 388:19         365:19 366:5         377:2         336:17 367:18           239:17,19         394:3         377:2 383:13         372:25 374:4         379:13           248:13 250:6         253:12 260:8,9         267:20 272:25         267:20 272:25         269:23 232:5         313:22         313:22         313:22         313:22         313:22         329:21         329:21         329:21         324:15         329:21         324:15         325:18         325:18         325:18         326:17 367:18         326:17 367:18         327:24,25         326:17 367:18         326:13         326:13         326:13         326:13         326:13         326:13         326:13         326:13
253:17,21 297:3,4 391:20 Gallery 224:14 gas 223:10,12 224:7,12 226:6 226:8,18 227:12,15 236:16,22 239:17,19 243:13 244:1,4 248:13 250:6 253:12 260:8,9 261:8,9 263:10  369:20 370:14 239:20 324:5,9,10 327:24,25 303:9 308:14 328:2 333:19 328:2 333:19 335:14 348:9 336:17 369:3,4,8 239:20 324:5,9,10 327:24,25 303:9 308:14 328:2 333:19 335:14 348:9 348:10 365:7 374:8 376:17 376:18 379:13 half 354:23 HALL 223:18 Hamilton 297:4 hand 329:1 364:13 handed 256:2,4 260:1 278:3 370:11 372:1 370:11 372:1 370:11 372:1 370:12 383:13 372:25 374:4 grant 234:17 granting 267:18 great 253:7 239:21 244:15 great 253:7 131:25 319:6 half 354:23 HALL 223:18 Hamilton 297:4 hand 329:1 364:13 handed 256:2,4 260:1 278:3 370:11 372:1 grain 347:18 379:13 handles 349:14 Hang 277:20 happen 236:5 271:1 317:25 happened 320:1
297:3,4 391:20 Gallery 224:14 gas 223:10,12 224:7,12 226:6 226:8,18 227:12,15 235:18 236:7 236:16,22 239:17,19 243:13 244:1,4 248:13 250:6 253:12 260:8,9 261:8,9 263:10  2369:20 370:14 371:1,24 372:2 369:20 303:9 308:14 303:9 308:14 312:1 322:23 303:9 308:14 312:1 322:23 335:14 348:9 348:10 365:7 374:8 376:17 336:17 367:18 379:13
Gallery 224:14 gas 223:10,12         371:1,24 372:2 372:4,9,11,18         303:9 308:14 328:2 333:19         327:24,25 328:2 333:19         Hamilton 297:4 hand 329:1 328:2 333:19         364:13 hand 329:1 364:13           226:8,18 227:12,15 227:12,15 235:18 236:7 235:18 236:7 236:16,22 239:17,19 243:13 244:1,4 248:13 250:6 253:12 260:8,9 261:8,9 263:10         382:19 388:19 368:1 372:2 383:13 372:2 383:13 372:2 374:4 372:2 378:17         370:11 372:1 372:2 377:2 383:13 372:25 374:4 372:2 378:17         370:11 372:1 372:2 3
gas 223:10,12         372:4,9,11,18         303:9 308:14         328:2 333:19         hand 329:1           224:7,12 226:6         373:24,25         312:1 322:23         335:14 348:9         364:13           226:8,18         374:22 377:22         328:24 358:21         348:10 365:7         handed 256:2,4           227:12,15         378:24 381:14         358:21 363:5         374:8 376:17         260:1 278:3           235:18 236:7         382:19 388:19         365:19 366:5         377:2         336:17 367:18           236:16,22         39:17,19         394:3         377:2 383:13         372:25 374:4         handles 349:14           243:13 244:1,4         248:13 250:6         278:17         goes 250:23         grant 234:17         happen 236:5           253:12 260:8,9         267:20 272:25         267:20 272:25         239:21 244:15         great 253:7         happened 320:1           260:1 278:3         336:17 367:18         379:13         handles 349:14         Hang 277:20           258:1 259:5         313:22         happened 320:1         happened 320:1           260:1 278:3         379:13         happening
224:7,12 226:6       373:24,25       312:1 322:23       335:14 348:9       364:13         226:8,18       374:22 377:22       328:24 358:21       348:10 365:7       handed 256:2,4         227:12,15       378:24 381:14       358:21 363:5       374:8 376:17       260:1 278:3         235:18 236:7       382:19 388:19       365:19 366:5       377:2       336:17 367:18         236:16,22       Gassner 393:25       370:11 372:1       grain 347:18       379:13         243:13 244:1,4       GA-2007-0212       goes 250:23       grant 234:17       Hang 277:20         244:12,13,14       278:17       going 226:11       great 253:7       happen 236:5         253:12 260:8,9       267:20 272:25       267:20 272:25       239:21 244:15       greater 264:15       happening
226:8,18 227:12,15 235:18 236:7 236:16,22 239:17,19 244:12,13,14 248:13 250:6 253:12 260:8,9 261:8,9 263:10  226:8,18 374:22 377:22 378:24 381:14 378:24 381:14 378:24 358:21 328:24 358:21 328:24 358:21 328:24 358:21 328:24 358:21 3348:10 365:7 374:8 376:17 374:8 376:17 376:18 379:13
227:12,15 235:18 236:7 236:16,22 239:17,19 243:13 244:1,4 248:13 250:6 253:12 260:8,9 261:8,9 263:10  2378:24 381:14 378:24 381:14 358:21 363:5 374:8 376:17 378:24 381:14 358:21 363:5 374:8 376:17 376:13 374:8 376:17 376:18 379:13
235:18 236:7 236:16,22 239:17,19 243:13 244:1,4 244:12,13,14 248:13 250:6 253:12 260:8,9 261:8,9 263:10 2382:19 388:19 365:19 366:5 377:2 377:2 370:11 372:1 377:2 383:13 377:2 383:13 377:2 379:13 37
236:16,22 239:17,19 243:13 244:1,4 244:12,13,14 248:13 250:6 253:12 260:8,9 261:8,9 263:10  236:16,22 370:11 372:1 370:2 383:13 370:2 370:1 372:2 370:11 372:1 370:12 370:13 370:13 handles 349:14 Hang 277:20 happen 236:5 271:1 317:25 happened 320:1 happening
239:17,19 243:13 244:1,4 244:12,13,14 248:13 250:6 253:12 260:8,9 261:8,9 263:10  239:27,19 394:3 377:2 383:13 goes 250:23 258:1 259:5 going 226:11 229:23 232:5 239:21 244:15 grant 234:17 granting 267:18 granting 267:18 372:25 374:4 grant 234:17 granting 267:18 372:25 374:4 Hang 277:20 happen 236:5 271:1 317:25 happened 320:1 happening
243:13 244:1,4 244:12,13,14 248:13 250:6 253:12 260:8,9 261:8,9 263:10 <b>GA-2010-0189</b> 261:8,9 263:10 <b>GA-94-127</b> <b>GA-2007-0212</b> 278:17 <b>goes</b> 250:23 258:1 259:5 <b>going</b> 226:11 229:23 232:5 239:21 244:15 <b>grant</b> 234:17 <b>granting</b> 267:18 <b>grant</b> 234:17 <b>granting</b> 267:18 313:22 <b>happened</b> 320:11 <b>happening</b>
244:12,13,14 248:13 250:6 253:12 260:8,9 261:8,9 263:10 278:17 GA-2010-0189 267:20 272:25 261:8,9 263:10 GA-94-127 278:17 258:1 259:5 going 226:11 229:23 232:5 239:21 244:15 granting 267:18 great 253:7 313:22 greater 264:15 happen 236:5 271:1 317:25 happened 320:1 happening
248:13 250:6 253:12 260:8,9 261:8,9 263:10
253:12 260:8,9 267:20 272:25 261:8,9 263:10 GA-94-127 239:21 244:15 greater 264:15 happening
261:8,9 263:10 GA-94-127 239:21 244:15 greater 264:15 happening
253.21211115   greater 251.15
1 263:16.20 $1 237:10.20$ $1 244:10.245:7$ $1  greatly  236:23$ $1 3/3:10$
257.10,20   211.17 215.7   greatly 250.25
272:16,17,22 256:5 257:16 245:20 261:9 Green 228:6 happens 245:2
275:24 285:5 259:25 278:9 262:10 263:17 <b>Greene</b> 273:14 374:16
288:3 293:12 289:17 392:15 264:14 273:7,8 <b>ground</b> 238:21 <b>happy</b> 322:11
297:6 300:22 GA-95-349 320:21 328:12 277:9 362:4 harder 244:7
301:7 302:24 289:18 328:17 329:1 <b>group</b> 347:6,15 245:9
302:25 303:18 <b>general</b> 224:19 331:2,3 333:24 347:25 <b>Harry</b> 224:20
308:6 311:2 243:16 246:13 337:25,25 <b>groups</b> 372:24 <b>HC</b> 228:4 230:13
313:12,15,16 304:15 351:9,9 346:3 354:6 <b>growing</b> 245:18 274:21 281:16
313:20,21 353:13 357:2 356:7,12 <b>growth</b> 235:11 286:19 287:12
314:4,23,23 <b>generally</b> 236:3 359:12 360:8 237:5 238:25 294:11,11,17
317:2 318:12 255:13 261:19 362:21,23 239:4 260:23 294:17 301:15
318:23 319:16 262:8,9 313:11 363:2,5,14 261:2,11,15,20 302:8
319:17 330:14 346:13,17 365:11,16 262:17,17 <b>head</b> 321:6
331:9 334:11 generate 300:5 367:13 369:14 271:1,5,11 heading 303:20
336:6,10 337:3 <b>generation</b> 369:24 373:4 297:23 298:1 316:18
337:8 340:16 243:20 374:25,25 <b>GR-2014-0086 Healy</b> 224:9,9
340:21,24 <b>gentleman</b> 375:8 223:11 226:5 <b>hear</b> 243:19,23
341:6,9,22 good 226:2,22 guarantee 323:6 347:2 353:16
343:8 346:6 Geoff 392:11,13 227:13 229:18 guess 259:14 355:7 377:9
348:17 349:16 <b>geothermal</b> 231:7 233:23 261:6,23 262:5 <b>heard</b> 233:5
350:4 351:1,3 362:3 233:23 234:11 266:6 272:9 235:2 313:19
351:16,17,18 <b>gesture</b> 238:18 240:4 241:24 295:12 297:7 313:23 330:5
351:19 352:20 <b>getting</b> 247:12 243:11,14 322:15 323:11 <b>hearing</b> 223:6

226:4 246:15	273:23 274:3	367:16 378:6	improvements	377:19
247:21 249:25	275:16 277:14	379:11	262:25,25	Incorporated's
259:25 266:22	278:21 279:8	identified 242:12	imputation	226:7
268:6 269:7	279:17 280:17	293:20 298:8	229:14 234:8	increase 223:11
275:19 278:23	283:16 292:6	366:12	236:22 237:13	226:8 229:13
283:20 287:16	293:16 300:8	identify 256:2	239:14 254:7	234:7,18
292:8 300:17	302:13 310:11	296:3 329:7	254:22 255:4	242:19 243:6
302:6 307:25	310:25 311:18	367:20	258:8,9 384:2	246:20 271:6
312:11 316:25	312:9 314:12	<b>Illinois</b> 347:12,18	imputations	296:5 311:16
322:23 326:4	323:13 324:3	imagine 358:4	242:15	312:7 313:6,10
334:1 376:18	325:25 334:4	imbalance 364:3	<b>impute</b> 236:8	314:3,20 315:1
378:18 380:9	334:15 335:21	374:2	297:15	315:6,18
383:20	339:9 341:17	imbalances	incentive 243:7	316:19,20
hearings 236:14	346:2,10 348:7	375:25	316:15 320:2	317:4 328:12
360:4	366:1 367:13	Imhoff 229:25	320:16 330:11	328:16 332:4
<b>hearth</b> 301:9	370:5,18	230:19 231:13	330:13	335:25 337:22
heat 362:4	378:15 380:7	232:3,8,18,21	include 235:9	338:1,3 347:20
heater 359:4	380:18 381:1	232:22 322:14	252:11 257:25	353:18 354:2,3
<b>heating</b> 236:18	381:22 382:17	322:18 323:4	258:2 259:3	354:9,11,14,17
361:24 362:1	382:24 383:11	323:17,22,23	260:22 261:22	354:18,21,24
heavily 357:12	hook 363:17,18	324:7,9,13,18	262:9 263:3,5	355:5 357:5
held 238:15	hooked 360:6	325:16 328:1	298:7 332:9,10	366:13,24
259:25 270:22	hope 245:18	329:8 331:6	332:12 335:24	367:1 368:5,14
312:22 331:24	247:15	334:17 335:23	336:4,10	368:24 370:21
<b>helped</b> 348:19	hopefully 243:6	336:17 339:1,6	340:16 348:16	385:10
<b>Henry</b> 391:13	hour 247:19	339:25 340:7	350:9 355:7	increased 260:19
hey 360:5	322:8	355:18 366:12	369:3	increases 234:20
<b>high</b> 224:9,20	Houston 272:1	366:21 368:3	included 238:2	313:19,20
316:4,9,12,14	276:8 277:3,5	385:15 388:23	252:3 254:22	315:23 316:2,7
356:25 373:3	279:19,23	389:11 390:22	255:3 258:7	326:22 328:23
<b>higher</b> 318:22	280:1,12	<b>Imhoff's</b> 231:10	259:6 266:9	354:11 356:12
356:1 357:15	294:24 296:20	immediately	271:18,21	392:2 393:16
357:18,20,25	297:11,13	271:25	272:1 289:18	INCREASE/A
358:2	298:2	impact 263:22	295:12 296:19	384:2
hikes 320:19	huge 321:1 323:7	315:19 316:5	296:22 297:14	increase/decre
historically		316:13 336:5	297:23 314:23	312:13 313:25
266:11		337:2,21	330:7 337:3	incremental
<b>history</b> 296:24	idea 314:14	impacted 304:23	369:8	297:23
hog 360:10	identical 278:15	368:23	includes 234:7	independent
Honor 226:23	299:12	impacts 262:6	254:15 312:6	343:7 350:4
227:21 229:17	identification	312:18 353:16	316:5 332:13	index 256:7
229:21 231:6	248:22 249:11	353:17,24	367:3	257:7 387:1
233:19 247:9	255:22 265:7	implemented	including 251:8	indicate 294:23
247:25 249:22	267:8 274:21	350:18 351:1	296:20 311:15	indicated 232:4
259:9,12	277:19 291:2	important 264:3	341:4	270:10 279:22
266:20 268:4	293:23 294:2	264:7 317:16	Incorporated	302:23
269:5,16 273:4	329:5 336:15	improper 263:9	248:12 306:22	indicates 257:5
	I	I	I	1

264:13	355:13 364:7	231:14 232:23	jeremy.knee@	287:15,22
indicating	introduce 339:13	232:24 233:25	224:22	288:1,5,8,12,23
276:21	investment	234:5,15 246:6	Jermaine 228:6	290:16,20
indicators 374:8	238:14,20	246:24 247:23	<b>Joe</b> 393:25 394:3	292:8,15
industry 334:23	251:8,9,21	303:16,17,21	Joel 230:3,15	293:10,14,19
361:16 363:13	252:12 264:17	306:9 307:22	391:7	295:4,8 298:19
371:20 372:6,7	investments	319:4 328:5	<b>John</b> 225:6	299:17 300:3,5
influence 370:23	312:21	373:15 384:3	226:23 390:12	300:12,17,22
information	investors 245:16	385:1,1	393:19,21,23	302:2,5,10,14
227:16 231:21	<b>involve</b> 238:19	item 238:24	Johnson 248:5	302:18 303:5,8
246:10,11,16	257:25 314:23	I-m-h-o-f-f	267:14 384:8	303:11,14
246:22 247:1	317:2	324:14	<b>Johnston</b> 235:14	305:9 306:12
249:19 263:16	involved 272:3		248:1,8 249:24	307:25 308:5,8
273:8 275:14	272:11,21,23	J	250:8 253:9	310:8,12,15,17
329:21 352:2,5	273:1 298:16	<b>J</b> 389:21	260:6 265:12	310:22 311:1,5
378:13	334:25 347:12	<b>James</b> 387:4,6,8	270:8 276:6	311:8,11,24
informed 246:22	involves 259:20	Jamesport	387:12,14	312:3 314:8
247:1	involving 343:11	289:12	JONES 225:7	315:9 317:6
infrastructure	<b>in-home</b> 304:3	Jamestown	<b>JORDAN</b> 223:15	319:11 321:12
245:14	<b>in-house</b> 373:5	289:12	226:2,20 227:1	321:21 322:6
initially 250:15	Iowa 347:13	January 318:1	227:5,9,17	322:22 323:8
296:16 305:14	363:23 372:25	Jarrett 224:8	228:15,18,23	323:15,19,23
inquiries 234:3	373:10	227:13,14	229:4,18	324:5 326:4,10
243:10 314:8	Iowa's 358:12	243:14 250:7	230:25 231:7	327:21 331:14
315:10 321:21	issue 229:1,3,24	252:21 270:8	232:11,14,20	332:16,20,24
321:22 370:12	230:1,20	275:25 285:7	233:5,12,23	333:4,12,18
<b>inquiry</b> 239:25	231:12,15,17	288:4 293:13	234:2 239:24	334:1,5,10,13
317:6 376:4	232:19 234:7	301:1,24 302:4	240:2 241:17	335:14,18
insofar 340:3	234:10 235:3	303:10 308:7	241:20 243:10	338:9,13,17,22
install 357:15	235:17 236:5,6	311:4 321:10	247:3,10 248:3	338:25 340:3
installation	236:12 239:16	321:13,16	249:25 250:5	341:7,14,19
245:13	239:20 241:12	334:12 346:7	252:23 253:1,5	342:3,16,21
installed 285:23	241:15 243:8	365:21 370:15	255:12,18	346:5,8 348:5
358:13	246:9 280:20	378:25 381:15	259:11,23	353:8 356:18
instances 313:18	303:15 305:16	382:21 384:5,9	260:4 265:10	365:9,19,22,24
327:5	305:19,22	384:24	265:18 266:22	366:2,5 370:1
instrumental	307:9 311:13	<b>Jarrett's</b> 270:19	267:11 268:6	370:10,16
343:14	311:19 312:5	Jefferson 223:8	269:7,13,17,24	371:9 376:3,6
insulate 245:17	316:22 317:12	224:5,10,15,21	270:3,6 273:24	376:12,17,23
integral 232:18	317:14 318:3	225:3,9 395:15	275:19,23	377:2,6,8
<b>intend</b> 252:9,9	322:15 323:4	Jenkens 390:24	276:1 277:20	378:18,23
298:12 305:19	339:20 342:17	<b>Jenkins</b> 240:20	277:23 278:23	379:1,5 380:9
intends 252:6	343:12 377:9	280:22 286:4,6	279:5,9,15	380:16,19,22
intention 249:2	381:13,24	286:8,10,14	280:18 283:20	381:2,6,12,16
interest 348:1	382:7,20 383:1	331:17 384:17	284:3 285:3,8	381:20,23
interrupt 288:24	<b>issued</b> 278:16	389:23,24	285:11,16	382:2,6,10,14
interstate 349:17	issues 228:1	<b>JEREMY</b> 224:19	286:1 287:11	382:18,22,25
	<u> </u>	<u> </u>	<u>                                     </u>	<u> </u>

	1	1	1	1
383:4,7,12	310:22 311:1,5	Kellene 223:22	258:15 264:25	349:12 350:2
<b>Joun</b> 390:14	311:8,11,24	395:4,19	272:25 276:17	Law 223:16
<b>Jr</b> 387:22,24	312:3 314:8	<b>Kenney</b> 223:16	299:22,24,25	224:2,2,3,8,13
<b>Judge</b> 223:16	315:9 317:6	223:17 240:1	311:20 317:18	<b>Lawler</b> 387:16
226:2,20 227:1	319:11 321:10	241:19 269:19	319:15 320:4	387:18
227:5,9,14,17	321:12,21	269:23 279:11	321:15,17	lawyer 345:21
228:15,18,23	322:6,22 323:8	279:13 285:13	322:2,24	<b>lead</b> 306:6 316:1
228:25 229:4	323:15,19,23	285:14 288:10	327:12,18	leads 246:9
229:18 230:25	324:5 326:4,10	295:6 298:21	328:4 329:19	leaning 300:9
231:7 232:11	327:21 331:14	299:19 300:1	330:16,17	leave 296:16
232:14,20	332:16,20,24	303:7 310:14	332:5 333:10	307:16 365:10
233:5,12,23	333:4,12,18	311:10 318:7	333:19 334:21	<b>leaving</b> 305:4,5
234:2 239:24	334:1,5,10,13	319:12,13,20	334:24 337:24	<b>Lebanon</b> 236:14
240:2 241:17	335:14,18	319:23 320:12	340:21 341:24	236:17 254:25
241:20 243:10	338:9,13,17,22	320:17 321:2,7	342:13 355:16	272:22 354:8
247:3,10 248:3	338:25 340:3	321:20 335:16	358:5 360:25	354:22,24
249:25 250:5	341:7,14,19	335:17 342:5	361:20 362:17	<b>left</b> 339:7 345:1
252:23 253:1,5	342:3,16,21	356:20,21,22	373:21,24	<b>Legal</b> 225:7
255:12,18	346:5,8 348:5	369:6,21	374:7,10,13,15	legislation 349:2
259:11,23	353:8 356:18	376:10 380:21	375:8	legislature
260:4 265:10	365:9,19,22,24	381:25 382:1	knowledge	361:15
265:18 266:22	366:2,5 370:1	383:2 384:22	249:19 275:14	length 262:11
267:11 268:6	370:10,16	385:23	279:25 283:14	Lesa 240:20
269:7,13,17,24	371:9 376:3,6	<b>Kenney's</b> 321:11	287:4 292:4	286:3,6,10,14
270:3,6 273:24	376:12,17,23	<b>Kent</b> 377:11,13	325:22 332:11	331:17 384:17
275:19,23,25	377:2,6,8	377:16 386:2	378:13	389:23,24
276:1 277:20	378:18,23	388:10,12	known 328:1	390:24
277:23 278:23	379:1,5 380:9	kept 374:5	341:23	let's 226:10,14
279:5,9,15	380:16,19,22	<b>Keri</b> 229:2 392:4	<b>Kory</b> 389:18	344:21 347:7
280:18 283:20	381:2,6,12,15	392:6	390:18	362:6 365:19
284:3 285:3,8	381:16,20,23	<b>Kevin</b> 225:6	<b>KTM</b> 377:19	level 224:14
285:11,16	382:2,6,10,14	226:24		236:8 237:9
286:1 287:11	382:18,22,25	kid 244:12	L 224.2.289.2	243:18 251:7
287:15,22	383:4,7,12	kids 320:22	L 224:2 388:3	254:7 289:24
288:1,5,8,12,23	jurisdiction	<b>Kim</b> 389:19	Laclede 351:2,16	297:16 371:11
290:13,16,20	355:10,15	kind 231:23	356:10 357:1	384:2
292:8,15	361:14	232:18 245:6	357:11 364:16	levels 229:15
293:10,14,19	<b>justify</b> 271:11	252:15 268:14	large 265:5	234:8 236:9
295:4,8 298:19	K	317:13 319:6	304:15,15 305:3 317:4	238:8 239:14
299:17 300:3,5	<b>K</b> 223:22 395:4	Kliethermes	343:8 351:9	260:12
300:12,17,22	395:19	230:4,11 233:1	373:20	Liberty 372:3
301:24 302:2,5	<b>Kansas</b> 372:24	323:25 390:4	larger 347:20	Licking 272:1
302:10,14,18	373:11	KNEE 224:19	largest 372:16	276:8 277:4,5
303:5,8,11,14	keep 305:3 313:8	knew 362:25	latest 322:24	279:20,23
305:9 306:12	keeping 322:7	know 244:10	Latham 343:5	280:1,12
307:25 308:5,8	Keith 228:5	245:15 247:20	348:12,13	294:23 296:20
310:8,12,15,17	1XCIUI 220.3	255:5 257:5	370.12,13	297:10,13
	<u>'</u>	·	'	·

www.midwestlitigation.com MIDWEST LITIGATION SERVICES
Phone: 1.800.280.3376

298:2	252:2 261:8	324:7,13	367:15 378:5	271:6 273:25
lied 296:15	look 263:6,7	385:15 387:4,6	379:10,14	321:1,5 327:2
light 239:18	265:13 267:14	387:8 388:22	387:2 388:2	330:9 332:8
limited 232:7	267:25 272:14	389:11 390:22	389:2 390:2	339:19,24
323:4	272:19 273:2	Madison 224:15	391:2 392:3	343:21 352:9
line 240:25	276:21 320:18	225:2,8	393:2	357:4 359:23
257:24 260:11	340:10 356:9	magnitude	market 244:8	360:19 361:25
275:3 282:20	360:20 361:11	327:10	245:25 246:25	375:9
289:12,16,16	368:1 369:19	main 284:16	340:24 341:9	<b>meaning</b> 327:14
289:20 344:7,8	373:22,22,23	mainline 238:14	342:10 355:19	meaningful
344:25 345:1	374:8 380:1	238:16 260:7	360:15 361:12	237:23
345:10,14,15	looked 264:25	312:21	366:22	meaningless
359:5,10	looking 263:8	mains 284:11,16	marketers 350:5	238:18
lines 359:6	294:14 328:9	maintenance	marketplace	measure 297:25
list 228:2 232:24	333:4 351:6	284:24	355:12 372:18	298:1 314:18
234:15 255:19	373:16	<b>major</b> 240:16	373:5	mechanism
259:1 332:25	looks 311:22	making 232:14	Marshfield 301:5	252:3
333:10 383:8	370:20	250:23	321:13,14,18	meet 260:11
listed 229:10	lose 244:19 245:3	manager 301:9	<b>Martha</b> 306:17	Meisenheimer
231:2 232:23	losing 244:22	325:15	306:21 385:5	288:16,18
233:8 234:14	360:14	Marc 225:1	388:13,15,17	289:1,3 290:22
235:17 236:6	loss 244:25	227:3 265:14	matter 223:10	292:19 293:25
272:14 280:11	317:22 332:6	margin 337:1	226:6 239:1	298:23 305:23
332:23	332:10 366:25	340:15	347:3	306:2,9 310:21
Litigation 223:22	367:6	mark 293:17	<b>matters</b> 227:19	382:9 384:19
395:6	<b>lot</b> 264:25 314:13	343:19 367:13	229:19 231:2	385:8 386:6
little 229:9 252:8	314:24 320:19	367:19 379:8	233:8,24	392:8,10
270:20 295:21	320:20 357:17	<b>Marke</b> 392:11,13	mayor 246:15	Meisenheimer's
323:17 334:19	358:9,23 360:4	marked 228:4,8	MCF 238:3	316:10
354:9 356:5	360:11,19	230:14,16,17	254:6 258:8	member 321:17
374:22	361:9,25	248:21 249:10	275:4 278:10	321:17
LLC 224:14	<b>Louie</b> 342:24	255:16,21,24	297:16 337:15	members 302:24
local 236:14	343:3 385:20	265:4,6 267:3,8	McMellen	memory 273:15
246:14 349:18	393:8,10,12	268:12 273:4	240:14 280:22	340:11
350:20 360:3	low 363:9	274:20 277:15	280:24 281:1,7	<b>mention</b> 237:14
371:23	lower 244:17,18	277:16,19	281:11 284:8	271:1 313:4
<b>located</b> 337:13	290:22 342:10	281:13,16,19	285:18 384:14	mentioned
lock 363:7 390:5	346:21 354:16	281:22,25	390:7 391:5	231:24 237:7
391:3	358:24 363:15	282:4,8,11	McMellen's	237:16 238:12
logical 258:10	369:2	286:16,19,22	240:22	238:12 239:16
long 244:25	lowered 258:20	289:6 290:17	McMellen62	239:21 240:7
245:21 259:17	low-income	291:2,4 293:22	388:25	246:14 287:11
260:24 263:5	316:6	294:1 300:13	McNutt 230:3,15	296:21 311:21
longer 237:22	low-usage 316:5	307:2 324:20	233:1 323:25	312:10,19
249:8 259:19		324:22 325:1,4	391:7	313:7 350:3
326:16	M 222 17 224 0	329:2,4 333:9	mean 258:8	366:10,13
long-term 251:24	<b>M</b> 223:17 224:8	336:14,18	261:16 264:12	367:4
	l	I	1	I

mentions 349:7	322:7	351:1 356:10	253:9,10 281:3	name 232:23
Mercantile 363:6	<b>Mine</b> 344:12	356:25 357:11	281:4 284:8,9	233:15 248:7
merged 253:11	<b>minimize</b> 312:18	357:14 364:16	292:19,20	253:20,21
253:21	374:1	365:12,20	301:2 324:9,10	266:5 273:9
merger 229:3	minimum 229:14	370:13 371:24	327:24,25	274:8 281:5
239:19 273:5	234:8 237:9	373:13,14	383:18	286:9 288:20
met 242:6,7,9,10	317:19 384:2	377:22 378:24	mortgage 317:25	288:22,25
243:2 296:7,9	minor 304:21	379:1 381:13	318:2	294:18 301:3
360:12	minute 260:16	381:16 382:19	Mountain 272:1	306:20 324:11
meter 351:23	365:17	395:2,15	280:4,5,12	324:13 343:1
352:10 371:22	minutes 226:3	misunderstand	294:24 296:20	349:21,23,24
372:5 374:5,15	312:1	305:16	297:11 298:2	377:15
374:18	miscellaneous	<b>Mo</b> 224:5,10,15	move 259:10	<b>natural</b> 223:10
meters 268:15	303:15,21	224:21 225:3,9	266:20 268:4	223:12 224:7
351:19 352:15	304:11 384:2	241:10 307:14	269:5 278:21	226:6,8,18
364:9	385:1	308:22 309:16	283:17 295:9	235:18 236:7
method 242:12	misrepresent	309:17,20,22	336:1 338:15	236:16,22
242:14 296:3	320:4	modification	moved 338:13	239:17,19
methodology	missed 362:20	290:3	movement	244:1,4 248:12
270:16	<b>Missouri</b> 223:1,8	modify 272:18	238:24	253:12 272:16
MGU 253:11,12	223:10 224:7	304:12	movers 245:12	272:22 297:6
253:16 264:20	224:12,17	<b>moment</b> 273:2	250:20,22	302:25 303:18
297:2 298:9,10	225:7,10 226:6	380:1	moves 233:19,20	313:15 314:4
309:17,24,25	226:18 227:6,8	money 244:22	287:9	319:16 330:13
<b>MGU's</b> 239:19	227:10,12,15	245:3 360:6,14	moving 250:18	343:8 349:16
<b>Michael</b> 389:21	235:19 236:8	360:21,22	271:12 372:22	351:15,17,18
390:20	239:17,19	Monsanto 373:6	<b>MPGA</b> 243:17	358:12,22
Michelle 248:25	243:12 247:5	Monsantos	245:11,24	361:7 362:7
270:9 387:10	250:6 252:24	372:17	302:8	363:5 374:22
389:16 390:16	253:12 272:17	month 364:8,9	<b>MPGA'S</b> 384:23	377:22 388:19
Microphone	272:22 275:24	365:2 374:11	394:4	<b>nature</b> 304:18
288:23	276:2 281:10	374:14	<b>MSBA</b> 321:17	339:4
mid 372:6,15,21	285:4,5,5	<b>monthly</b> 312:14	329:4 332:21	near 289:20
middle 289:20	286:12 288:2,2	months 374:23	334:7 338:17	nearly 278:15
Midwest 223:22	288:2 293:11	<b>Moody</b> 268:18	350:9 367:15	Nebraska 372:25
395:5	293:11 297:6	387:20	376:20 393:14	necessarily 271:6
Mid-American	300:22 301:5	Moorman	MSBA'S 385:20	360:25
375:10	302:18,25	248:25 249:7	393:7	necessary 249:5
miles 358:13	308:6,9 311:1,2	387:10	multiple 348:20	262:13 304:18
<b>million</b> 238:20	317:8 321:23	Moorman's	municipal 239:3	Necessity 242:2
254:5,7,12,22	324:16 327:22	250:12 270:9	<b>Murray</b> 390:9,10	267:19
255:4 258:8,8	328:3,8,20	morning 226:2	391:9,11	need 243:4
271:18,22	329:10 334:11	226:22 227:10	M-c-M-e-l-l-e-n	269:24 270:1,3
297:16 298:25	334:21 336:24	227:13,20	281:8	272:18 275:6,6
312:20 355:19	339:3 342:18	228:24 234:11		279:16 282:20
mind 234:12	343:10 346:6	240:4 241:24	N N N N N N N N N N N N N N N N N N N	282:25 289:21
236:1 313:8	348:23 349:8	243:14 250:8,9	N 226:1 384:1	293:17 300:6
	l	l	l	l

		<u> </u>		 I
322:3 323:5,14	253:16	328:15,16,23	<b>offered</b> 309:19	355:25 359:1
331:16 333:13	Norwood 255:2	329:25 330:25	330:12 358:24	362:8 365:3,7
333:18,22	259:1,5 289:19	333:2 354:13	365:13	369:1 371:7
383:14	Nos 228:21 233:9	368:11 369:14	offering 298:16	374:9,16
needed 233:3	233:10 250:3	numerous	304:3 309:10	<b>old</b> 298:10
242:15 243:7	275:21 277:18	296:25	309:13 320:1	<b>older</b> 374:11
needs 298:19	278:5 279:1		333:11	ones 272:14
309:4 313:8	283:23 287:18	0	<b>office</b> 224:20	<b>OPC</b> 229:1
negative 316:4	289:6 291:1	<b>O</b> 226:1	225:1,4 227:2,4	255:21 265:6
negotiated 361:8	292:11 302:8	oath 381:8	235:24 236:23	265:21 266:25
negotiation	308:3 326:6	382:11	241:21 253:1	267:7 268:8
335:4	376:20 378:21	<b>object</b> 259:13,15	265:24 276:3	269:9 277:11
<b>neither</b> 311:11	387:7 388:6	314:4 331:2,3	284:4 288:13	277:18 278:4
371:16	note 230:7	objection 228:20	302:14 308:10	279:1 287:23
neutral 299:4,11	237:18 247:5	229:6 231:8	310:18 315:11	291:1 292:11
299:16	311:18 380:4	232:15 233:6	326:11 353:9	293:21 299:1
never 250:21	<b>noted</b> 234:23	259:11,22	366:3 376:3	305:11 310:20
338:11 339:14	notes 395:12	268:6 269:7	379:6 381:17	379:10 380:12
new 237:1	<b>notice</b> 259:16,17	275:19 278:24	382:7 395:14	392:17,18,20
245:12,13,17	259:24	300:18 323:16	<b>Officer</b> 248:14	392:21,23
250:17 304:20	no-charge	334:2,3 338:17	official 256:5	393:6
309:9,10	309:14	338:18 340:4	offset 242:20	<b>OPC's</b> 268:21
339:20,21	no-cost 358:25	342:21 376:18	261:2,21 296:7	384:18 385:7
357:9,10,15	<b>NP</b> 228:4 230:13	objections 250:1	offsets 242:23	386:5 392:3
358:14 359:6	281:16 286:19	266:23 283:21	oftentimes 335:6	393:1
362:10 363:6	287:12 301:14	287:16 292:9	oil 361:9,23	open 246:10
370:7	nuclear 327:9	302:6 308:1	okay 228:15	340:23 341:9
nine 226:3	<b>number</b> 237:15	321:25 326:4	229:23 230:25	342:10 353:13
<b>Nitura</b> 387:22,24	254:12,23	370:1 378:19	231:7,18	355:12,19
nominated	255:17 260:22	380:10	232:11 233:5	360:15
374:24	273:11 274:23	objective 314:18	234:2,6 253:4	<b>opening</b> 234:5,9
nominations	275:1,4 277:21	317:17	255:20,24	240:2,7 241:21
331:25 370:25	282:20 289:16	objectives 252:14	256:6,20 257:9	243:12,17
372:20	297:9 307:13	objects 255:13	259:9 265:1	246:14 247:7
non-gas 313:10	323:7 327:17	obtained 298:13	268:11 272:15	302:22 303:17
313:10,19	328:2 330:11	<b>obviously</b> 259:19	277:10 282:18	305:10,11
355:6	332:13 344:7	262:12 271:10	285:20 290:16	311:17 312:8
non-school	355:2	occurs 261:2,13	290:18 293:8	313:7 314:9
348:21	numbered 333:9	271:1	294:14 295:18	315:11 317:8
non-substantive	numbering	offer 249:23	300:1 309:2,5	346:18 371:20
304:18	333:13	275:17 292:6	310:6 321:7	384:4,4,5,5
noon 322:8,13,17	numbers 232:9	300:10,15	323:12 332:15	385:3,3,11,12
322:18,24	232:10 234:22	301:24 307:23	332:24 336:17	385:12,13
normal 232:24	234:25 272:2	309:8 333:24	340:10 342:14	operations
245:4	278:9,10	340:1 346:3	344:3,21 345:9	284:24
normally 262:22	291:23 294:19	369:25 378:16	345:16 349:12	operator 349:14
northern 253:13	295:12 320:10	380:7 381:10	352:12 353:15	349:14 373:8
	1	l		l

	 [	 [		
opportunity	owes 365:5	Partially 371:2	246:21 317:20	313:5
238:22 340:1	owned 297:7	participated	330:11	per-meter 336:2
346:15 370:9	375:11	228:3	People's 372:2	350:14,19
380:24	owners 373:3	participating	percent 238:6	<b>PGA</b> 304:24
<b>opposed</b> 238:10	O&M 285:22	313:14 348:17	261:1 263:12	337:7,11,14
259:18 305:14	o'clock 247:19,22	particular	263:18,18	338:3 340:12
347:5	322:9 338:23	236:15 242:3	315:24 317:21	340:19,21,24
<b>option</b> 341:21		263:11 318:20	317:23 318:1	341:10,25
<b>order</b> 229:9	P	particularly	338:4,5 345:3	342:10 366:22
233:14,17	P 226:1	240:13 273:4	353:22,22	368:7
235:9,15	package 273:5	362:1	354:1,9,10,14	<b>phase</b> 347:18
237:16 243:6	packet 272:7	parties 227:22	354:21,24,25	<b>phased</b> 347:4,7
246:11 264:16	273:3	228:11,16	355:1,24 356:1	347:21
267:18 278:16	page 250:11	230:2,8,21	356:6,7,11,13	<b>phase-in</b> 327:10
321:24 322:5	256:7,14,14,20	235:23 236:4	361:2,3 367:1	327:14 334:18
322:11,11	256:21 257:9	247:13,15,20	369:13,15,16	334:18 335:3
323:17 342:19	257:24 258:11	289:25 290:12	370:21	347:11
346:14 370:11	258:13,15,24	290:25 291:8	percentage	<b>phase-ins</b> 334:22
377:3	275:3 276:25	291:15 297:15	311:15 312:7	335:1,6
orders 316:11	282:19 289:11	297:17 313:2	313:9,12,18	<b>Phil</b> 390:5 391:3
ordinary 339:11	289:13,20	317:15 321:25	315:1,7,22,25	<b>phone</b> 372:7
organic 261:2,11	308:24 325:10	322:25 323:1	328:23 332:9	<b>phones</b> 226:10
261:15,20	325:13 344:7	339:17,24	338:3 353:16	physical 351:22
<b>orifice</b> 359:19	344:18,25	370:6,8 393:4	367:5 368:24	352:14
original 252:14	345:10,13,14	parts 297:8	369:19 385:10	physically
254:22 255:4	345:15 368:3	party 231:8	percentages	320:25
272:2,20	pages 256:10	pass 336:13	313:6,9,22	<b>Ph.D</b> 390:14
289:24 297:2	259:18 273:5	passed 333:7	314:4,5,24	<b>Picard</b> 267:23
297:12,15	paid 303:25	patterns 238:8	335:24 336:4	388:4
298:3 308:23	304:8 313:15	PAUL 224:2	353:21 369:2	piece 297:8 337:4
329:15 349:1	346:22,24	paulb@brydo	perfect 244:10	340:16 344:15
originally 254:23	347:4,25	224:6	245:5 320:15	345:5 356:15
295:20 297:5,7	350:14,20	pay 245:12	371:3	<b>pieces</b> 307:1
315:4 349:3	<b>papers</b> 294:11,17 294:18	305:18 310:2,3	perfectly 337:7	pipe 277:8
368:9		310:4 313:16	performed	285:23 358:14
outcome 242:17	paragraph	340:19,20,21	237:25 238:1	358:19
outlines 366:17	308:24,25	341:24 346:14	251:18 266:14	<b>pipeline</b> 255:7
overall 317:16	parent 248:12	346:14 347:1,8	280:14	260:9 349:17
337:2,21 355:6	part 250:22	347:10,15	period 237:11	355:13,21
overheads	261:5,7 298:9 320:7 336:22	353:1,5 364:20	245:16 260:24	364:7 374:18
358:19	354:14 356:4	365:4,5,5 372:9	263:5,7 335:4	pipelines 255:7
overlook 263:22	354:14 350:4 357:14 361:18	paying 241:2	periods 372:1	349:17 350:5
overlooked 264:7	368:3 373:11	342:12 350:18	personally	352:6 372:3,9
overlooking	373:12	354:7 355:17	257:11 395:7	372:10 373:23
264:3	Partial 283:2	355:19 364:18	person's 313:11	pipeline's 375:4
overrule 340:4	313:3	375:23	perspective	pipes 359:2,19
owe 365:3	313.3	people 238:9	245:7 246:1	<b>place</b> 237:3
	<u> </u>	ı	ı	ı

<u> </u>	1		T	
242:22 245:20	<b>pop</b> 319:5	287:24 288:15	281:12,12	272:18 322:8
395:8,13	<b>Porter</b> 274:4,6,9	288:19 289:2	282:4 286:15	323:4 331:16
placed 242:1	275:18 279:14	290:13,18	286:15 289:4	331:25 333:16
placing 316:7	381:5,6,11	291:3 292:6,13	324:19,19	354:10,21
planning 232:20	384:11 386:4	295:10 298:18	366:16 367:21	359:10,20,21
<b>plant</b> 238:15,20	388:5,7,9	300:7 302:16	377:25 380:5,5	360:17,21,21
239:18 241:13	<b>portion</b> 229:13	305:12 308:12	preparing	362:9,20
241:14 252:5	238:14 270:9	308:13 310:6	329:25	363:14
270:21,21	272:4 296:4,6	310:20 315:13	present 257:11	problem 229:5
271:4,12	304:22 310:3	326:12,13	379:2 395:7	316:12 333:12
278:10 279:23	313:12 331:18	327:19 353:10	presentation	problems 316:9
312:22 357:10	394:9	353:11 356:16	280:21 342:17	360:11
357:15	portions 227:23	366:4 376:5	presenting 247:6	<b>proceed</b> 226:14
<b>play</b> 261:5	228:7,12,19,21	379:7,12 380:7	president 248:13	278:1 307:22
player 348:22	230:12,15	380:14 381:19	348:11	322:5
349:1	231:2 233:9	382:8,12 384:5	<b>Presiding</b> 223:15	proceeded 265:2
playing 243:18	281:15 286:15	384:9,12,15,20	<b>pretty</b> 244:21	proceeding
plays 261:7	324:25	384:21 385:3,6	351:13 352:23	248:16 274:15
<b>please</b> 226:13	posed 234:17	385:12,16,22	357:8 372:15	323:13 377:23
240:3,5 241:23	position 234:21	386:3	<b>prevent</b> 359:12	378:1
243:15 248:7	235:1 236:11	<b>poured</b> 327:15	preventing	proceedings
262:1 267:13	239:10 240:6	practice 339:10	242:12	223:5 395:7,10
274:8 281:5	240:10 249:7	practices 303:16	prevents 320:21	process 235:9,13
282:22 286:8	301:8 315:8	332:3 385:1	previously	235:15 240:11
288:20,23	319:4 325:14	<b>pre</b> 368:13	236:19 304:6	266:12 270:21
299:17 301:2	352:25 353:4	precisely 375:8	309:19 312:19	346:13 361:10
305:12 306:19	position's 315:15	predecessor	329:2 343:18	procurement
307:12 308:14	possibility 264:2	264:5 272:17	<b>pre-loss</b> 368:13	284:15
314:10,12	possibly 244:24	272:21	<b>price</b> 239:8	produce 232:9
315:12,13	<b>Poston</b> 225:1	<b>predict</b> 375:13	245:21 320:19	339:16
321:12 324:12	227:3,3 228:25	prediction 337:8	330:14 355:12	produced 232:4
341:7 344:23	231:9,18	preexisted	358:2 361:12	<b>product</b> 245:8,22
367:20 377:15	241:23 246:13	351:15	361:23,24	products 301:9
plus 252:8	253:3,7,8	prefiled 283:10	362:17,21	<b>profit</b> 252:8
312:25 354:2	255:10,15,20	301:10,11	363:4 366:23	<b>program</b> 303:22
367:5,7	255:23 259:9	307:5 325:19	<b>prices</b> 244:17,18	304:6,7 305:15
point 243:23,25	259:21 260:3,5	preliminary	245:3 361:8	307:11 309:6
252:6,10	265:3,8,11,16	227:18 229:19	363:15	309:19,20,22
258:11 290:14	265:19 266:20	233:24	pricing 245:8	313:14 346:23
295:22 299:15	267:2,9,12	<b>premark</b> 333:11	320:3	346:25 349:5
308:18 322:21	268:4,10 269:5	premarked	primarily 297:1	349:13 350:13
340:23 348:1	269:11 271:16	301:12	printed 345:25	350:16,17,25
357:2	276:4,5 277:13	prepare 282:3	<b>prior</b> 350:12	351:15,24
pointed 339:8	277:22 278:2	301:10 324:25	351:8	352:8,13,21,22
<b>Polk</b> 273:14	278:21 279:3	325:3	<b>pro</b> 291:10	364:18 373:7
<b>pool</b> 349:14,14	279:19 284:5,7	prepared 248:15	probable 259:3	programs 348:18
373:7	284:9 285:1	266:4 274:14	probably 235:25	348:20,21
	l	l	1	l

			1	1
prohibited	317:20 320:9	370:22	<b>p.m</b> 383:21	287:6,24 288:4
339:18 373:15	323:16 326:15	provisions 237:3	<b>P.O</b> 224:4,21	288:8,10 293:9
project 242:4	365:1 366:11	309:21 330:24	225:2,8	293:13,14
260:18 263:6	proposals 312:16	354:19		295:2,4,6,8
264:8 273:20	propose 315:4	<b>PSC</b> 307:14	Q	296:17,18
projected 260:12	proposed 234:24	308:22 309:15	qualified 350:21	298:21 300:7
260:20 262:7	235:4,5,7	309:17,19,22	quantify 240:9	301:21 302:12
291:23 294:19	237:19 238:19	public 223:2	question 231:9	302:16 303:3,5
297:23 360:22	276:18,22	225:1,1,4,5,7	232:7 248:17	303:7,9,10,19
363:9	296:2,2,4	225:10 226:21	251:11 252:16	303:22 305:8,9
projecting 261:6	304:17 307:10	227:2,4 235:24	253:4,5 255:6	305:20 306:10
projection	308:19 313:2	236:14,23	257:10,17	306:12 308:7
258:20	314:2,5 316:1	241:7,21 246:3	262:1,5 272:24	310:7,10,12,16
projections	316:25 326:22	246:15 253:1	274:16 285:19	310:24 311:4,7
242:7,7,10	328:11 335:1	265:24 267:17	294:10,12,13	311:8 312:10
243:3 294:23	353:18 362:10	276:3 281:10	298:24 299:18	319:14 322:13
294:25 296:8,9	368:4	284:4 285:5	304:10 312:12	323:7 325:17
357:4 360:25	proposing	286:12 288:13	312:12 313:24	332:17 334:12
<b>project's</b> 263:23	326:16	296:1 302:14	318:8 319:1,11	335:12,14,18
promotional	protect 237:3	308:10 310:18	321:11 326:19	338:8,21 339:4
303:16 385:1	protected 316:6	315:12 316:25	331:15 336:8	339:10 341:17
<b>propane</b> 224:12	protections	324:16 326:11	338:12,19	342:3,8 345:24
227:12,15	242:21	353:9 360:3	339:14 341:3	346:7 348:3
243:13,21,25	<b>proven</b> 315:17	366:3 376:3	341:18 344:4	353:7 356:18
246:1,5 250:6	<b>provide</b> 236:25	379:6,20	347:2 350:16	356:22 363:24
275:24 285:5	243:7 246:3	381:17 382:7	352:12 356:24	365:9,21,23,25
288:3 293:12	266:13 268:13	<b>pulled</b> 259:18	357:8,21	366:4,9,10
300:22 302:24	277:4,8 296:6	354:6	359:23 362:10	370:3,16 371:8
308:6 311:2	298:6 328:22	purchase 313:17	363:25 369:5	376:6,9,13
319:17 320:18	350:8 364:22	331:9 341:6,22	375:20 378:2	378:8,25 379:4
320:19,22	provided 234:20	366:23 372:8	questioning	380:19,22
321:14,19	237:7 266:1,1,3	purchaser	300:10	381:19,23
330:13 334:11	267:22 268:1,3	371:13,15	questions 230:6	382:16,21,23
346:6 351:13	268:17 276:22	purchases 332:2	232:2,25	382:25 384:22
352:22 358:6,8	278:4,13,19	purchasing	234:13,14	385:19,23,23
358:16,21	280:13 297:22	331:5 332:2	241:17 247:3	question's 259:2
359:7,13,19	306:3 334:18	purposes 248:16	247:23 249:13	quickly 342:7
360:9,12,15	379:21 380:2	274:15 291:9	250:10 252:22	367:22
361:12,16	provides 235:12	304:22 337:10	267:18 269:16	quite 330:8 336:7
362:3,6,11,15	334:22	378:1	269:17,19,22	341:2
362:18,23	providing 349:20	purview 318:4	270:20 271:16	
365:20 367:7	proving 242:9	318:22	273:22 275:8	R
370:13 378:24	provision 304:13	put 242:22 251:8	275:25 278:8	R 226:1 342:24
381:14 382:19	304:14,23	319:3 322:12	278:16 279:7,9	343:3 387:12
proposal 235:12	305:2,23	355:16 361:16	279:12 280:16	387:14 388:13
304:7,12,20	307:15 309:1	373:13	283:10 285:7	388:15,17
315:5,23 317:2	331:4,7 367:2	<b>P.C</b> 224:3	285:10,11,25	393:8,10,12
	l	l	I	I

395:1	356:3 366:13	340:11,13	recess 311:25	recovered 335:10	
raise 229:1,22	366:25 367:6	360:2,18	312:1 322:23	recovery 245:9	
315:16,20	384:2 385:2,9,9	reasonable	323:13 338:23	245:22 252:1	
360:8	385:10 389:13	242:20 246:4	recessed 339:1	recross 269:25	
raised 229:1	393:16	262:11	recognize 238:16	279:16 300:6	
328:5	ratepayers 237:3	reasonably 296:6	294:4 336:19	311:12 365:20	
range 353:22	242:13,18	355:1	336:21 379:14	365:24 366:2	
354:12,25	246:2 305:1	reasons 357:22	recognized	382:3	
rate 229:13,24	315:19	rebuttal 230:14	242:24 316:9	<b>REC'D</b> 387:2	
230:20 231:16	rates 241:6,8	240:13 248:16	recognizes	388:2 389:2	
231:17,21	244:4 246:4	274:16 281:22	238:17	390:2 391:2	
234:7,18 236:9	250:15 251:1,6	286:19 287:14	Recognizing	392:3 393:2	
236:10 239:5	251:7 252:7	289:4,11,14,15	317:17	redirect 269:25	
239:11 240:18	260:23 261:11	301:10 306:23	recommendation	270:2,4,7	
242:19 243:24	261:15,20	378:2 387:6,12	295:16 329:15	273:25 279:16	
246:17,20	266:10 290:4	387:16,22	336:1	279:18 285:16	
251:13,19,20	292:21,22	388:7,12,15	recommended	285:17,18	
251:25 263:13	295:17 315:16	389:16,18,19	251:5,16	295:9,10 300:6	
271:6 299:5	315:18 316:25	389:21,23,24	recommending	303:9 310:15	
303:17 304:19	318:1 327:11	390:3,5,7,9,10	299:1,1	311:12 335:19	
304:23 306:1,5	327:15 330:7	390:12,14	reconciliation	335:22 339:11	
306:6 311:14	330:21 337:1	392:4,7,11	240:8 282:4,7	339:19 341:15	
311:14,16	354:5,16	393:10,21,25	391:15,16	365:17 366:6,7	
312:5,5,7,11,13	358:24 360:8	394:6,8	reconvene	376:13 380:24	
312:18 313:1,2	362:10	recall 271:25	383:17	382:3 383:5	
313:6,25 314:2	<b>Ray</b> 248:8	276:9 277:10	record 227:18	384:10,12,16	
314:3,15,16,17	rbrownlee@rs	380:4	228:14,20,24	384:21 385:17	
314:20 315:5,6	224:16	receive 300:18	230:9 231:3	385:24	
315:7,25 316:7	reached 291:8	308:2 337:19	233:8 250:2	reduce 316:15	
316:19,21,22	read 309:3 345:2	347:14 380:10	266:21,24	375:5	
317:2,11,18	364:9 374:15	received 228:22	268:7 269:8	reductions	
318:2 325:14	reading 258:23	233:10 250:4	275:20 278:22	229:11 285:22	
326:20,20,22	ready 247:11	266:25 268:7,8	278:25 281:6	refer 269:1	
327:7,9 328:11	280:19 288:13	269:9 275:22	283:22 286:9	317:15 331:17	
328:16 329:17	303:14 306:13	279:2 283:24	287:10,17	reference 250:12	
330:6,9 332:5,6	377:8	284:14 287:19	288:21 292:7	256:24 294:10	
332:8,11	realized 336:5	292:12 294:7	292:10 302:7	294:15	
337:11,15,22	really 232:3	300:14,20	312:4 318:11	referred 312:11	
338:3 340:12	236:11 237:22	302:9 308:4	319:8 324:4,12	313:9	
340:19,21,22	243:4 250:10	317:24 324:4	326:3,5 334:6	referring 257:15	
341:10,22	252:15 290:2	326:7 334:7	339:1 343:2,25	375:3	
342:10,10	318:8 319:6	376:21 378:22	365:11 376:19	refers 314:16	
346:13 347:9	328:12 360:14	380:12 394:9	378:20 380:8	reflect 234:22,25	
347:18 350:21	361:6,7 368:2,3	receives 345:3,12	380:11 383:13	242:21 243:2	
351:3,4 352:20	369:5	receiving 303:25	383:19	291:12 296:7	
353:18 354:2,3	reason 264:11,17	304:9 305:4	recover 252:7	reflected 249:15	
354:7 355:23	316:18 319:24	351:10	296:14 346:15	270:16 316:20	
	<u> </u>	<u> </u>			

336:25	<b>removed</b> 307:17	332:20,22	293:21 294:9	<b>Rick</b> 387:16,18
reflects 239:5,11	removing 258:20	336:24 366:11	294:14,22	right 226:11
290:24 297:20	284:13	368:10 379:20	295:18 298:14	228:18 229:18
393:3	<b>Renato</b> 387:22	379:24 392:17	298:15 323:18	229:20 245:14
<b>refresh</b> 273:15	387:24	392:18,20,21	329:9 333:16	247:24 251:11
340:11	<b>reoffer</b> 376:16	392:23	335:24 336:9	251:15 252:21
regard 235:3	repatriated	requested 296:5	336:23 337:18	255:19 257:4
237:5 273:20	271:5	296:24 297:11	393:14	295:14 308:21
regarding 260:18	repatriating	298:6 345:3	responses 334:19	309:13 323:15
267:18 278:8	235:9 252:4	requesting 317:3	345:25	339:24 342:16
278:16 321:11	270:21	requests 277:11	responsibility	349:5 356:7
339:4 353:17	repiping 359:22	298:14 379:25	246:2	357:24 359:9
370:17 376:4	replace 283:1	380:3 393:6	responsible	359:22 360:24
regardless	359:16	require 226:12	358:11 363:17	369:23 370:10
262:18	replaced 270:15	235:8 236:7	rest 228:16	381:12 383:12
regards 276:7	replacements	323:1 352:4	Restate 262:1	right-hand
<b>region</b> 319:16,16	291:11	382:3	result 328:8	290:23
regularly 375:17	<b>Report</b> 227:24,24	requirement	352:14 364:2	rises 373:3
regulatory	228:4,8 230:13	234:15 235:18	373:20	risk 237:5 239:1
223:16 274:13	230:16 240:12	237:21 238:1	results 264:21	242:4,13
355:14 371:21	278:16 281:16	240:10 244:6	resume 234:6	245:17 263:21
reiterate 314:21	286:16 325:1	250:14 251:4	312:4 339:6	264:7
315:3 317:11	326:1 389:3,5,7	251:13,19	<b>resumed</b> 227:19	risk-shifting
reject 242:18	389:13	252:1 270:11	resuming 233:24	242:21
243:6 313:1	REPORTED	270:15 293:1	retail 351:10	<b>ROBERT</b> 223:16
relate 303:22	223:21	346:16 357:7	return 235:1	<b>Robin</b> 230:4
<b>related</b> 235:20	reporter 226:18	requirement's	238:23 245:4	233:1 390:3
297:21 307:9	227:16 260:2	299:23	252:12 264:17	<b>Robinett</b> 390:12
307:10 331:4	265:7 267:8	research 352:2	revenue 234:14	rocky 357:14
relationship	277:19 291:2	reserve 251:8	234:20 235:18	Rogersville
261:11 337:17	293:23 329:2,5	reserved 247:22	240:10 244:5	237:6 254:3,17
350:1	336:15 343:19	383:15	250:14 251:3	254:21 255:3
relatively 357:9	367:13,16,19	reserves 372:4	252:1 270:11	258:3 259:4
357:10 371:19	379:11 395:5	residential 238:3	270:14 291:10	289:18 291:18
<b>relevant</b> 246:4,7	reports 228:12	238:5 263:10	293:1 299:23	337:11,14
remain 245:23	representing	337:24 358:16	346:16 357:7	351:23 352:16
remained 299:4	328:3	respect 289:22	revenues 223:12	391:22
299:10	request 232:6	responded 294:8	226:8 236:9	role 349:19
remaining	242:20 264:20	responding	239:15 264:16	roll 355:22
369:20	265:21,23	296:16	reviewed 248:24	room 353:12
remember	266:18 267:5,6	response 228:17	251:14 265:22	355:3
244:12 270:12	267:17 268:12	234:1 265:21	reviewing 296:3	Roth 229:2
270:22 347:22	268:22 270:15	265:22,23	revised 223:11	288:14 392:4,6
363:21 365:13	277:15,16,21	266:1,5,7,18	226:7 348:23	rough 263:15
remind 247:13	277:25 278:1,5	267:22 268:1,2	373:14 383:8	roughly 254:6
reminding	294:7,9 328:21	268:3,17,21	<b>Richard</b> 224:13	338:3
236:12	329:10 332:19	270:19 271:14	227:7	route 255:7
<u> </u>	I	I	I	I

311:21	227:6,8 247:5	372:25,25	343:19	351:3 373:8
<b>RPR</b> 223:22	252:24 276:2	374:3,21	series 237:16	395:6
395:19	285:4 288:2	375:16,22,24	267:18 268:25	serving 268:15
<b>RSBIII</b> 224:14	293:11 302:19	seat 248:4	278:7	277:9
rule 255:13	308:9 311:2	seated 253:6	serve 262:14	set 237:9 241:6
run 264:13 359:2	313:14 317:9	second 235:17	264:11,14	244:5 251:2,4,7
<b>running</b> 263:11	319:15 320:21	256:6 277:20	276:15 297:5	252:7 292:21
363:19	321:14,23	282:25 312:12	served 260:6,23	367:9 395:8
<b>Rupp</b> 376:25	327:22 328:3,8	313:24 368:2,4	280:1 352:8	sets 343:19
rural 357:16,23	328:17,20	368:6	serves 254:16	setting 241:8
362:2	329:10 336:24	Section 349:6	service 223:2,12	250:15 257:18
<b>R.E</b> 223:15	337:23 338:4	373:13	225:7,11	<b>settled</b> 347:17
	339:3 340:14	see 256:9,14,16	226:21 227:24	seven 226:3
S	341:22 342:18	256:24 257:10	227:24 228:4,8	Seymour 255:2
s 223:11,16	343:10,11	265:13,25	230:12,16	258:2 259:5
224:13,20	346:22,25	276:2 288:1	236:17,25	289:19
226:1	348:19 349:4,8	293:10 294:11	237:1 239:18	SFV 315:4
sales 243:3	349:11 350:13	294:15 308:9	240:12 241:2,2	<b>shale</b> 361:9,10
278:10 351:3	351:14,18,23	311:20 315:2	241:8,14	sheet 277:2
351:17 352:10	351:24 352:13	323:12 328:2	242:16 252:5	307:13,15
352:20	352:21,22	337:1,21	253:12,13,14	308:23,23
Sarver 228:5	358:4,9,20	340:15 342:21	253:16,23	329:14,20
saved 236:18	359:12 362:5	344:21 363:15	271:13 277:4	368:2 395:9
360:6	364:6,18	379:25	278:11 280:13	sheets 290:19
saw 257:7 360:11	365:12 368:23	seeing 227:11	281:10,15	307:7
375:18	379:1 381:16	229:6 234:2	286:12,16	she'll 229:2
<b>saying</b> 231:11	schools 313:13	285:4 323:19	292:23,25	<b>shifted</b> 242:13
261:23 310:1	317:12,19	383:15	293:3 295:13	shifting 347:5
351:7 360:5	319:19,22	seeking 270:10	295:17 296:11	<b>shipper's</b> 370:24
363:13 365:4	321:1,4 328:12	seen 263:9	296:12 297:22	shock 229:24
says 257:13	328:24 331:8,9	338:11 339:14	299:4,7,11,16	230:20 231:16
258:19 273:13	331:24 335:25	370:6	303:24 304:1,3	231:17,22
344:10,12	336:1,5 337:13	<b>segment</b> 312:10	304:9,15,15,16	311:15 312:6
scenario 347:24	337:19 340:18	selecting 350:9	304:20 305:4	312:12 314:15
schedule 233:20	340:25 341:10	sell 244:25	309:10 324:17	316:22 317:11
283:1 290:8,21	341:24 342:11	<b>selling</b> 244:21	325:1,10 326:1	317:18 318:3
290:24 291:11	346:22,25	<b>Seminal</b> 349:25	328:9,13	326:20,20,22
392:25 393:3	347:8 348:16	<b>Senior</b> 223:16	330:12 351:9	327:7 385:9
scheduled 247:14	350:13,15,18	225:1 343:3	351:10,10,17	shocking 317:1
schedules 240:9	351:2,8,20	sense 260:17	351:18 352:11	<b>short</b> 364:22
281:19 282:11	352:3,7,15,18	261:16 318:5	353:2,5 355:6	365:3
289:23 389:9	353:1,4,18	sensible 261:24	357:10 359:5,6	Shorthand 395:5
391:18,20,22	354:22 355:17	262:3	371:24 372:13	<b>shot</b> 307:16
391:24	356:13 358:17	sent 328:20	372:14 389:3,5	show 242:5,8
scheduling	360:18 361:24	sentiment 236:13	389:7,13	277:3 299:6
247:19 349:15	364:20 366:23	<b>Seoung</b> 390:14	services 223:22	337:17 340:14
school 224:17	371:18 372:24	separate 297:2	226:9 309:9	368:14
		_		

		•		1
showed 251:19	soil 357:23	358:18	339:3 340:1	started 258:13
366:24	somebody 323:6	spreadsheet	348:6 365:24	297:21 371:20
<b>showing</b> 299:13	soon 244:21	329:13 393:16	366:10 368:4,7	371:21,23
316:14 328:16	252:18	<b>Sr</b> 342:24 385:20	368:11 371:9	372:22,23
329:14	sooner 252:18	393:9,11,13	380:17 381:21	373:4,9
shows 256:7	sorry 258:1,9	ss 395:2	382:15 389:3,5	starting 318:1
354:12 369:16	270:3 273:24	stability 239:4	389:7,9,13	starts 308:24
375:18	288:24 291:19	320:20	391:16,18,20	state 223:1
sic 343:15 367:19	294:13 300:4	staff 225:6,10	391:22,24	224:20 248:7
side 340:17 369:8	325:11 331:23	226:21,23,25	393:14	250:13 254:7
369:8	343:22 344:14	227:20 228:4,8	<b>Staff's</b> 227:23	274:8 281:5
sign 363:5	345:4,16,18,20	228:21 230:1,3	228:3,7 230:12	286:8 288:20
<b>signed</b> 291:23	sort 231:23	230:3,13,14,17	230:16 240:6,9	301:2 306:19
significant	245:16 277:24	230:18,20	240:15 241:5	324:11 343:1
238:23,24,24	317:11	231:17,21	280:19 281:13	352:24 358:12
239:6	sought 250:13	232:1,20 233:9	299:1 315:5,8	377:15 395:2
significantly	<b>sound</b> 323:10	234:25 235:4	317:20 323:9	395:15
239:8 313:11	353:23	235:24 240:3	326:1 329:14	<b>stated</b> 236:15
<b>silence</b> 226:13	<b>sounded</b> 370:23	240:11,18	335:23 336:1	243:16 357:22
silencing 226:10	<b>source</b> 349:17	241:10 242:24	342:17 354:13	statement 234:9
similar 245:6	<b>South</b> 301:4	243:1 246:18	357:4 384:13	234:21 240:2,7
284:20,23	southern 239:17	269:14,15	385:14 388:21	241:22 243:12
306:2	239:19 253:11	279:6,8 280:23	389:1 390:1	243:17 246:14
Similarly 313:13	253:13,23	281:15,16,19	391:1	247:8 257:2
simply 290:23	260:8 272:22	281:20,22,25	stand 229:13	302:23 303:18
sir 257:13 269:20	297:6 298:9	282:4,7,8,10,11	230:20 231:4	305:10,11
382:1	355:20 357:13	283:17,17,18	231:11,14,15	311:17 312:8
situation 230:24	speak 316:24	283:18,23	231:17 233:4	314:9 315:11
236:1 237:15	327:2	286:3,13,16,16	233:21 256:17	317:8 384:4,4,5
306:2 358:4	speaking 243:24	286:20,23	280:19 286:2	384:5 385:3,3
situations 245:15	speaks 243:22	287:9,10,18,20	288:12 300:13	385:11,12,12
six 348:18,21	329:12	292:16 295:11	303:12 307:21	385:13
<b>six-inch</b> 260:7	special 330:12	302:11,13	310:17 311:12	statements 234:5
size 254:25	346:21	310:9,23 314:2	323:24 324:1	313:8 353:13
268:14 285:23	specific 237:15	314:6,10,13,21	338:9 339:2,7	states 290:23
sized 260:11	specifically 258:2	315:3 316:1	365:10 376:24	325:14 348:18
small 239:3	296:10	320:8 323:20	381:2 382:4	348:20
371:19	specified 346:20	323:21 324:20	383:5	station 244:15,17
<b>smaller</b> 285:23	speculation	324:22,25	standard 237:22	244:18
313:11 352:9	331:4	325:4,25,25,25	238:7 317:18	stations 244:13
373:15 374:3,4	spelling 233:15	326:6 328:21	standpoint	<b>statute</b> 317:14
375:1	<b>spikes</b> 360:7,10	328:22 329:9	251:24 252:2	334:21 343:15
<b>SMG</b> 241:10	spoke 241:25	329:11 330:22	<b>Star</b> 260:8	349:5 350:13
<b>SMNG</b> 241:13	242:3	331:17 332:20	355:21	351:8 352:2,14
309:18,20	sponsoring	333:16 335:19	start 226:15	352:17 364:19
soft-spoken	329:24 330:1	336:14,18,25	236:11 247:12	373:14
288:24	<b>spread</b> 357:18	337:10 338:15	354:7 370:13	Statutes 348:23
	l	l	l	

stay 362:14 363:9	262:4,21,23	346:9 350:22	286:22 289:5	297:24 359:20
stayed 299:23	263:2,21,22	351:11,12	289:22 290:8	system's 260:25
steal 244:16	264:6,13,22	355:20 356:1	291:6,7 306:24	
steel 260:7	272:20,23	356:13 357:9	325:4 328:21	T
Stenotype 395:10	295:13 328:13	357:19 359:2	344:16 345:8	<b>T</b> 394:6,8 395:1,1
395:12	<b>stuff</b> 319:7 321:5	365:22 370:16	387:8,14,18,20	<b>tables</b> 290:7
STEPHEN	<b>subject</b> 247:18	371:24 377:9	387:24 388:8	392:24
223:17	263:17 373:12	377:10,22	388:17 390:16	tackling 234:12
stick 362:6	subjective	378:21 379:20	390:18,20,22	take 229:12
stipulate 375:12	314:15,19	382:22 388:19	390:24 391:3,5	231:14,15
stipulated 230:9	<b>submit</b> 325:25	<b>Summit's</b> 234:23	391:7,9,11,13	233:3 245:20
289:24 298:3	submitted	239:7,7,10	392:6,9,13,24	245:25 246:6
324:3 330:24	316:14 329:11	244:2 247:11	393:12,23	248:23 259:24
365:1	380:3,6	306:13 335:4	394:3	272:14 273:25
stipulating	substitute 341:25	337:11 356:24	swear 310:19	312:1 321:24
227:22,25	success 242:4	358:15 375:16	Swearengen	323:8,16
stipulation	suggested 236:22	384:7 385:4	224:3	338:22 339:7
228:20 232:15	362:16	386:1 387:2	<b>switch</b> 330:13	340:10 342:19
236:2 257:12	<b>Suite</b> 224:9 225:2	388:1	351:17 352:18	357:4 370:12
257:16 278:8	summarize 244:3	supervisor	352:19,21	380:1
283:2 291:14	summer 374:22	325:15	switched 351:14	taken 312:2
291:21 313:3	<b>Summit</b> 223:10	supplied 364:15	360:18 367:6	320:8 338:24
<b>Stoll</b> 223:17	224:7 226:6,17	368:9	swore 382:10	takes 230:19
269:21 342:6,8	234:10 235:6	<b>supply</b> 232:1	sworn 231:4	233:21 259:17
342:14 363:24	235:12,14,18	363:20	248:2 274:5	talk 241:15 254:2
370:23 376:8	235:24 236:7	supplying 372:12	280:25 286:5	260:15
383:3 385:19	236:16 237:2,7	supports 303:23	288:17 300:24	talked 229:22
385:23	237:18 238:13	sure 233:21	306:16 310:19	239:2 270:20
straight 313:1	239:4,13 244:5	241:1 293:4	324:6 342:23	337:18 346:19
326:15 329:15	244:6 245:8	308:17 309:7	377:12 381:7	373:18 374:2,6
straighten	246:3 247:25	319:1 320:6	<b>system</b> 235:7	374:6
333:13	248:11,12	322:10,18,20	245:12 250:21	<b>talking</b> 233:13
Strategy 248:14	249:8 250:3,13	323:24 330:8	250:24 254:2,3	314:25 318:21
street 224:9,20	251:16,21	336:7 341:2	261:8,10	322:3 359:3
225:2,8 244:14	252:6 254:16	342:11 350:22	262:11,12	369:7
244:18	264:5,19	359:25 371:18	271:11,22	tank 359:7
stricken 257:3	272:16 274:12	<b>surely</b> 323:5	273:9 284:19	360:20
309:4	275:21 288:6	surprised 357:19	297:7,8 298:9	tariff 276:14,19
structure 235:2	293:22 294:11	surrebuttal	305:5 309:17	276:23 290:5
246:17	294:17 300:20	230:17 231:23	309:18,20	298:9,10
<b>studies</b> 260:16	302:19,25	234:23 235:13	355:20 358:12	303:16,21
262:16 264:25	303:18 305:4	240:13,14,19	360:19 362:1	305:2 307:7,13
266:9,12,13	306:21 308:3	240:22 248:17	363:18 374:18	307:14 308:19
272:8,12,16	310:15 311:6	250:11 254:1	systems 239:4,5	309:12,15,16
297:20 328:9	311:17 312:8	274:16 275:2	239:9 250:17	309:17,20,22
study 260:17	313:15 314:4	281:25 282:17	251:22 252:13	325:14 384:2
261:18,25	319:16 334:14	282:19 283:3	263:5 296:25	385:1
	l	l	l	I

tariffs 223:11	test 237:10	294:20,21	279:17 280:18	236:3 237:12
226:7 253:20	254:10,12	295:16 301:11	284:5 285:1,13	241:9 242:17
304:11,19	278:10 354:4	303:23 306:3	285:14 286:1	243:22 247:16
351:11	354:15,15	306:24 307:1,5	287:15,24	255:16,16
<b>Tartan</b> 256:9	testified 246:16	307:6 316:10	288:7,11,15	258:10,22
297:7	248:5 256:10	318:10 319:3,4	292:17 293:8	259:12,14,15
<b>Taylor</b> 251:5,18	274:6 276:6	323:17 324:4	295:3,7 298:22	260:16 261:24
256:10,17,24	281:1 286:6	324:19,22	300:1,3 302:5	266:3 267:4
256:25 257:3	288:18 300:25	325:3,4,7,9,11	302:16 303:11	270:20,25
257:11 377:11	305:24 306:17	325:19 343:21	303:13 305:10	280:11 285:21
377:13,16	324:7 342:24	343:25 344:5	306:11,13	290:11 291:8
379:13 386:2	368:3 369:11	344:15 345:5	308:12 310:14	293:5,6 295:21
388:10,12	377:13	349:7 355:5,8	311:10 312:9	295:22 296:12
<b>Taylor's</b> 251:12	testify 228:1	365:18 366:19	314:7,8,11	297:3,12 299:6
technically 232:3	229:10 331:7	368:22 378:2,5	315:9,10 317:5	299:7,20 310:6
232:8	testifying 256:25	383:9 387:4,6,8	317:7,10 321:7	311:21 313:21
telemetry 352:5	257:6 305:6	387:10,12,14	321:9,20	314:14,15,17
373:18	357:6	387:16,18,20	325:16 326:12	315:17 317:14
tell 242:19	testimonies	387:22,24	327:19 334:9	318:3,5,9,10,15
260:21 264:24	301:18,21	388:3,5,7,8,10	335:16 338:7	318:18,19
273:12 307:12	testimony 227:25	388:12,13,15	341:13 342:14	319:19,19
357:7 362:18	230:8,14,17	388:17,22,24	342:20 345:9	320:9,14 321:5
363:4,15	231:23 232:1	389:11,16,18	345:18 353:10	321:13,16,25
tells 374:23	234:23 235:13	389:19,21,23	356:17,20,23	322:1,3,4 323:3
temperature	236:3 237:19	389:24 390:3,5	363:21 365:7	327:16 328:10
374:9	240:13,14,20	390:7,9,10,12	369:25 370:15	330:5 331:6
tempted 263:24	240:22 241:7	390:14,16,18	376:2,5,10,22	332:13 333:15
ten 312:1 322:24	243:19 244:3	390:20,22,24	376:23 377:7	333:21,23
tend 316:15	246:15 247:12	391:3,5,7,9,11	379:7 380:14	334:18 338:20
tender 249:24	247:15 248:17	391:13 392:4,6	380:21,25	339:15 341:14
275:18 284:1	248:21,25	392:7,9,11,13	381:9,15,25	346:19 347:3
292:13 301:25	249:3,10	393:8,10,12,19	382:5 383:2,3,6	350:23 351:7
307:24 326:8	250:11,13	393:21,23,25	thanks 241:19	351:13,15,25
346:4 378:16	251:12,13	394:3,6,8	269:20 319:10	357:7 358:7
381:11 382:12	254:1 256:17	thank 226:20	thereof 395:9	360:24 363:21
tenders 287:20	257:2 262:2	227:1,5,17	thereto 344:1	370:8 373:19
310:21	270:9,17	231:18 233:12	therms 352:4	375:12,19,22
term 245:21	274:16,20,24	236:16 239:23	thing 313:4	third 236:6
309:4 364:1	275:2 281:12	239:24 240:1	323:6 355:10	354:18 368:17
terms 237:23	281:22,25	241:16,20	358:15 366:21	third-party
238:24 291:13	282:17,19	243:9,11 247:2	376:24	349:9,22 350:9
296:10,13	283:4,10	247:4 248:3	things 261:15	372:9,11 373:7
territory 309:16	286:19,22	252:22 253:3,7	319:5	<b>Thomas</b> 324:7,13
<b>Terry</b> 224:8	287:14 289:5,9	265:16,18	think 229:20,23	385:15 388:22
227:14	289:11,23	269:12,22,23	230:6 232:2	389:11 390:22
Terry@healyl	290:10 291:25	270:6 274:2	233:2 234:13	Thompson 225:6
224:11	292:3,22	276:4 279:3,13	235:22,23	226:24
	I	<u>I</u>	I	I

	1	1	1	
thought 264:24	301:21 318:14	331:5 343:11	381:4 384:11	unreasonable
three 234:13	323:9 324:1,3	350:23 351:18	386:4 388:5,7,8	316:2
236:4 271:25	325:18 330:5	367:5 369:7,12		<b>update</b> 237:10
303:21 343:19	343:16 355:4,4	372:13	<u>U</u>	updated 240:8
347:21 354:2	363:7 369:7,22	<b>tried</b> 358:17	ultimate 331:8	290:11,21,23
367:3	373:25 378:9	troubled 239:3	ultimately	392:24 393:3
throughput	383:9	truce 245:3	347:24	<b>updates</b> 290:14
237:20 254:2,6	today's 233:25	true 232:5,10	underneath	urge 318:15,24
254:6,10	357:15	249:18 255:1	361:17	319:9
262:13 271:18	<b>told</b> 363:16	275:13 280:3	understand	usage 238:3,5,8,8
Thursday 247:22	Tom 229:25	283:13 287:3	229:4,8 233:13	260:20 263:10
383:14	231:10,13	292:3 296:12	233:16 245:19	271:11 316:16
<b>Tim</b> 248:1	256:10,16	325:21 328:19	245:20 246:1	use 238:15 241:3
time 235:25	323:21 324:18	329:20,23	250:12 272:15	246:12 270:22
237:24 239:22	tomorrow	330:2 341:12	280:20 299:3	312:22,25
245:16 247:16	374:11	369:18 371:11	318:2,6 320:18	313:1 314:5
249:22 252:5	top 258:11,15	378:12 395:11	321:23 323:24	340:13 341:11
260:24 262:12	259:1 308:24	truly 320:5	330:8 336:7	371:1 374:21
263:6 264:5,19	333:7 354:17	<b>Truman</b> 224:20	341:2 354:1	user 360:9
270:22 274:3	377:3	<b>try</b> 244:15	355:9 360:9	uses 349:8
274:24 276:11	<b>topic</b> 311:9	322:16 335:6	understanding	usual 318:23
282:15 283:7	torn 359:21	361:16	228:10 230:2	usually 260:21
283:17 290:1	total 254:2 332:4	<b>trying</b> 296:3	230:21,24	359:7
300:16 307:22	337:2,21,25	299:3 360:14	248:20 249:9	utilities 248:11
311:25 313:5	338:1,5,5	361:22	274:19 323:1	274:12 306:21
322:4,5,17	340:15 354:22	turn 226:12	353:23 378:4	347:13 349:18
327:15 328:18	355:24 356:5,6	256:6,13	understands	350:5 352:24
333:24 341:7	356:8,11	258:24 268:24	245:11	355:25 371:5
358:25 367:12	368:21 374:17	349:3	understood	372:10
369:24 370:5	traditionally	two 238:17	370:22	utility 241:1,2
395:8,13	260:22	244:13 253:12	underutilization	252:5 263:20
times 362:2	transcript 223:5	267:2 277:13	238:16	264:11 271:12
<b>Timothy</b> 248:5,8	256:4 259:19	278:4 282:16	unexpected	272:17 357:9
384:8 387:12	259:24,25	290:7,19	246:20	363:18 364:4
387:14	272:4 392:15	291:17 297:1,1	Uniform 235:7	utility's 350:21
tip 359:17,22	395:12	309:15 312:10	unilaterally	utilization
tips 359:3	transfer 234:24	327:18	354:5	229:12 239:1
title 273:12	235:4,7 238:14	two-part 315:6	unique 243:23	utilize 298:12
titled 304:6	238:19 270:16	320:8 329:16	317:13	341:1,5
308:22	312:20	330:22 332:5,8	uniquely 318:20	utilizing 341:21
today 226:17,23	transferred	366:12 368:5	unit 364:11	$ $ $\overline{\mathbf{v}}$
229:2,7 230:5	235:10	type 357:23	365:3	<u> </u>
233:7,14,17,22	transfers 235:16	typically 347:11	units 289:25	<b>value</b> 257:19
238:5,10	transport 291:13	349:1	290:4,11,24	values 252:4
243:18 249:3	291:17 304:16	typographical	291:9,22 364:7 393:4	variable 304:22
249:14 275:10	373:21 374:20	344:6	393:4 unknowns 375:7	313:2 326:15 329:15
283:9 287:7	transportation	<b>Tyson</b> 274:4,6,9	unknowns 5/5:/	347.13
L	1	·	1	'

	ī	ī	ı	Ī
variables 375:7	<b>W</b> 269:23 279:11	wasn't 344:18	252:3 260:25	230:22 231:3
various 313:7	285:14 298:21	352:19 353:19	264:25 266:13	232:16 233:7
354:20	299:19 300:1	364:14 372:21	268:13 291:4	255:14 259:20
vary 354:13	319:13,20,23	watch 375:24	306:8 316:13	280:21 377:3
<b>verify</b> 232:6	320:12,17	water 321:6	320:8,8,10	383:8
266:6 326:14	321:2,7,20	359:4	329:2 338:11	<b>Wolf</b> 327:9
versa 365:4	335:17 356:21	wave 372:22	339:10 343:18	<b>Won</b> 390:14
<b>version</b> 301:14	356:22 376:10	way 236:2 241:1	364:18,21	word 248:23
301:15	382:1 384:22	242:23 290:4	367:18	289:21 307:16
versions 287:12	385:23	319:6 322:19	whatsoever	307:16 334:18
versus 318:12	wait 320:13	327:1,2 349:3	350:6	344:25
355:6 375:5	waive 339:15	359:10 372:4	WILLIAM	words 244:4
<b>viable</b> 245:23	<b>Wankum</b> 305:6	wellhead 371:22	223:17	work 243:20
251:24	305:20 306:15	went 255:7	<b>winter</b> 363:8	294:11,17,18
vice 248:13	306:17,21	297:23 311:23	wish 362:25	301:6 309:6
348:11 365:4	307:20 385:5	318:1 327:11	withdraw 230:23	372:19
view 241:5	388:14,16,18	327:16 330:11	withdrawn 354:5	worked 327:12
243:23,25	want 236:16	350:23 355:23	witness 229:2,6	358:3,9
272:1 280:4,5	246:12 247:7	356:3,5 358:15	229:25 230:3,4	<b>working</b> 361:15
280:12 294:24	247:13 275:3	361:2 373:6	233:14,16	<b>world</b> 371:3
296:21 297:11	291:21 300:10	weren't 353:15	235:14 248:2	372:17
298:3 357:3	311:22 317:11	West 224:20	255:11 256:10	worry 360:7
viewpoint 234:19	320:3 326:14	we'll 226:15	256:16 269:18	wouldn't 230:9
vis-a-vis 317:14	326:19 337:24	233:16 234:9	274:2,5 279:10	251:24 261:16
voir 339:5 340:6	365:10 376:15	239:22 241:12	280:25 284:1	314:25 360:22
341:20 370:19	wanted 228:25	241:14,15	286:5 287:21	369:18 375:23
371:10 385:18	232:18 233:15	269:24 277:24	288:9,14,17,25	<b>writing</b> 343:15
385:18,24,25	234:4 290:10	290:20 312:1,7	292:13 295:5	wrong 245:15
<b>volume</b> 223:8	311:19 337:1	338:22 366:5	300:4,24	
234:9 242:7	337:21 340:13	370:12 375:12	301:25 303:6	X
258:16 296:8	375:5	377:2	303:13 306:14	<b>X</b> 384:1
297:16 304:16	wants 242:20	we're 230:25	306:14,16	XII 223:8
357:17	304:2	234:12 246:23	311:9 321:24	Y
volumes 229:15	war 244:20	247:18 251:6	323:20 324:6	
236:8 237:9	warranted	253:19,21	326:8 331:16	Y 223:18
239:14 252:13	316:20	255:16 262:10	331:17 335:15	yeah 291:6,20
254:15 259:3,6	<b>Warren</b> 375:11	280:19 288:13	339:5,16	320:15 358:1
260:20 261:5	391:13	303:14 306:6	342:19,23	361:20 365:18
262:7 289:25	wars 244:12	306:13 314:25	344:16 345:11	375:22
291:12,13,17	<b>Warsaw</b> 238:11	315:18,24	345:14,21	year 236:18
298:1 371:19	240:19,23	318:13,21	377:12 378:17	237:10 238:4
384:2	242:25 250:16	319:3 322:4,11	380:23 381:9	254:10,12
volumetric	251:2 253:24	338:20 343:7	381:24 382:5	261:2 263:12
312:14,25	284:12,16,19	343:16 355:18	383:1,6	278:10 289:21
314:1 316:7,21	312:21 391:24	363:14 369:7	witnesses 228:1,3	306:4 320:18
***	Warsaw/Brans	379:8 383:18	228:11,13	347:8,10 352:4
W	229:11	we've 229:8	229:9,10,12	354:4,4,15,16
1	I	I	I	

			_	
360:11 361:16	<b>1-HC</b> 290:21,24	<b>1101</b> 277:15,22	<b>132</b> 391:12	308:3 388:13
380:6	392:25 393:3	277:23,24,25	<b>133</b> 282:5 283:18	392:20
years 238:2,9	<b>1.7</b> 254:7,22	278:5,7 392:21	283:24 391:14	<b>19</b> 269:2 307:2
265:1 327:17	255:4 271:18	<b>1104</b> 277:16	<b>134</b> 282:8 283:19	307:23 308:1,3
327:17 328:2	297:16	278:1,5,15	283:24 391:16	388:15
347:21 362:12	<b>1.8</b> 254:5,11,12	392:23	<b>135</b> 282:11	<b>1900s</b> 343:15
362:20,22,24	<b>1:58</b> 383:21	<b>111</b> 389:19	283:19,24	<b>194</b> 256:11
363:12,14	<b>10</b> 344:7,18	<b>1110</b> 267:5	391:17	<b>1980s</b> 372:6
yesterday 231:24	387:21	392:18	<b>136</b> 282:11	<b>1984</b> 361:8
235:2 237:7	<b>100</b> 238:3 261:1	<b>112</b> 389:20	283:19,24	<b>1990s</b> 372:15,22
238:12 239:3	324:20 325:12	<b>113</b> 286:20	391:19	<b>1994</b> 238:1
240:8 241:25	325:25 326:6	287:10,14,18	<b>137</b> 282:11	242:11 260:1
243:16 246:13	352:3 364:7,14	<b>114</b> 286:20	283:19,24	272:3
302:23 313:7	369:20 388:22	287:10,14,18	391:21	
315:22 318:8	100,000 352:4	389:24	<b>138</b> 282:12	2
353:12 369:6	<b>101</b> 364:13	<b>115</b> 230:14	283:19,24	<b>2</b> 250:11 263:11
374:10	<b>102</b> 281:13	233:10 390:3	387:4,6,8	282:20 309:17
<b>Yogi</b> 263:24	283:17,23	<b>1157</b> 224:21	391:23	309:20 325:10
York 363:6	388:24	<b>116</b> 390:5	<b>139</b> 336:14,18	325:13 387:5
you-all 318:25	<b>103</b> 228:5,21	<b>117</b> 281:23	337:10 338:16	<b>20</b> 223:7 238:2,9
319:8 323:5	230:13 233:9	283:18,23	339:2 340:8	269:2 307:2,23
	281:16	390:6	392:1	308:1,3 354:21
Z	<b>103HC</b> 389:3	<b>118HC</b> 390:8	<b>14</b> 289:16	356:1 363:14
zero 299:2 371:4	<b>104</b> 228:5,22	<b>119</b> 390:10	<b>14HC</b> 275:9,17	367:1 369:13
	230:13 233:10	<b>12</b> 388:3	275:21	370:21 388:17
\$	281:17 389:5	<b>120</b> 390:11	<b>14NP</b> 274:20	<b>20th</b> 226:4
<b>\$1,000</b> 236:18	<b>105</b> 234:24 235:4	<b>121</b> 224:15	275:9,17,21	<b>200</b> 225:2,8
<b>\$1.7</b> 258:8	235:7,16	390:13	14NP/14HC	392:4
271:22	238:15 251:9	<b>122</b> 390:15	388:6	<b>2002</b> 263:12
<b>\$34.6</b> 238:20	252:4 270:16	<b>123</b> 390:17	<b>15</b> 274:21 275:3	352:18,19
312:20	271:12 312:23	<b>124</b> 390:19	275:10,17,22	<b>201</b> 392:5
<b>\$4</b> 355:19 363:7	389:7	<b>125</b> 325:4 326:2	289:13 388:8	<b>2012</b> 309:21
<b>\$5.754</b> 337:15	<b>106</b> 281:20	326:7 390:21	<b>154</b> 390:9,10	<b>2013</b> 354:4
	283:18,23	<b>126</b> 286:23	391:9,11	368:13
0	389:9	287:10,18	<b>159</b> 256:21	<b>2014</b> 223:7 226:4
<b>0234</b> 393:14	<b>107</b> 324:23 326:1	390:23	<b>16</b> 289:12,20	<b>202</b> 289:6 292:7
<b>07</b> 344:8,9,10	326:6 389:10	<b>127</b> 391:3	378:5,9,16,19	292:11 392:7
1	<b>108</b> 228:9,22	<b>128</b> 282:1 283:18	378:21 388:10	<b>203</b> 289:6 292:7
1 263:11 293:21	230:17 233:10	283:24 391:4	<b>160</b> 257:9 258:13	292:11 392:9
309:16,22	286:17 325:1	<b>129</b> 230:18	<b>161</b> 257:24	<b>204</b> 392:11
318:1 387:3	326:2,6 389:12	233:10 391:6	258:11,15,19	<b>205</b> 255:19
388:19	<b>109</b> 389:15	<b>13</b> 274:20 275:9	<b>162</b> 258:25	392:12
<b>1,797,000</b> 257:18	<b>11</b> 311:22 319:19	275:17,21	<b>17</b> 378:5,9,16,19	<b>206</b> 255:20,21,25
<b>1,869,737</b> 275:4	319:20 354:10	388:5	378:21 388:11	259:10 392:14
282:21,23,23	358:4,20	<b>13HC</b> 389:22	<b>18</b> 257:24 267:6	<b>207</b> 255:16 265:9
<b>1,888,994</b> 275:4	· ·			266:23 267:9
	387:23	<b>130HC</b> 391:8	268:12 269:1	200.23 201.7
282:20	387:23 <b>110</b> 389:17	<b>130HC</b> 391:8 <b>131</b> 391:10	268:12 269:1 307:2,23 308:1	<b>207HC</b> 265:6,15

	l	1		
266:21,25	387:12,14	241:11 384:25	4	<b>514</b> 224:9
272:9 392:16	<b>253</b> 384:9	394:6,8	<b>4</b> 249:10,14,23	<b>52</b> 358:14
<b>208</b> 267:5,7,9,10	<b>255</b> 392:15	<b>303</b> 385:3	250:3 387:9	<b>57</b> 289:20
267:11,13	<b>258</b> 392:15	<b>305</b> 385:3	<b>4G</b> 277:2	573)415-8379
268:5,7,8	<b>265</b> 392:17	<b>306</b> 385:6	<b>400</b> 333:3 343:20	224:10
272:24 392:18	<b>266</b> 392:17	<b>308</b> 385:6 388:14	343:21 344:17	573)522-3304
<b>209</b> 267:6,7,10,11	<b>267</b> 392:18,20	388:16,18	345:24 346:3	224:22
268:12 269:6,8	<b>269</b> 392:18,20	<b>31</b> 309:21 315:24	365:14 376:16	573)616-1911
269:9 301:4	<b>270</b> 384:10	<b>310</b> 373:14 385:8	376:20 393:8	224:16
392:19	<b>274</b> 384:11	<b>312</b> 224:4 385:11	<b>401</b> 343:20,20	573)635-7166
<b>21</b> 269:2 293:18	<b>275</b> 388:5,7,9	<b>314</b> 385:12	344:4 345:24	224:5
293:22 294:1	<b>276</b> 384:12	<b>315</b> 385:12	346:3 365:14	573)751-3234
300:11,20	<b>277</b> 392:21,23	<b>317</b> 385:13	376:16 393:10	225:9
388:19	<b>279</b> 384:12	<b>324</b> 385:15	<b>402</b> 343:20	573)751-4857
<b>21st</b> 380:6	392:21,23	<b>326</b> 385:16	344:23 345:7	225:3
<b>210</b> 277:14,16,18	<b>281</b> 384:15	388:23 389:11	345:24 346:3	
277:21,25	<b>283</b> 388:25 389:9	389:14 390:22	365:14 376:16	6
278:22,24	390:7 391:5,15	<b>327</b> 385:16	393:12	6 248:21 249:14
279:1 392:21	391:16,18,20	<b>329</b> 393:14	<b>403</b> 329:3,4	249:23 250:3
<b>211</b> 277:17,18,25	391:22,24	<b>334</b> 385:17	332:18 333:7	309:1 344:7
278:22,24	<b>284</b> 384:15	393:14	333:25 334:6,7	387:13
279:1 392:22	<b>285</b> 384:16	<b>335</b> 385:17	365:14 376:16	<b>60</b> 238:6 356:6
<b>212</b> 290:20,21	<b>286</b> 384:17	<b>336</b> 392:2	393:14	<b>600</b> 301:12,14,25
291:1,4 292:7	<b>287</b> 389:23,24	<b>340</b> 385:18	<b>404</b> 367:10,14,15	302:2,3,8 394:5
292:11 392:24	390:24	<b>341</b> 385:18	367:24 369:25	<b>601</b> 301:12,14
<b>213</b> 290:20,22	<b>288</b> 384:20	<b>342</b> 385:19,21	376:16,20,25	302:8
291:1,5 292:7	<b>291</b> 393:4	<b>346</b> 385:21	393:15	<b>601HC</b> 301:25
292:12 393:3	<b>292</b> 384:20 392:8	<b>348</b> 385:22	<b>405</b> 367:19,23	302:2,3 394:7
<b>214</b> 379:9,10,14	392:10 393:4	<b>353</b> 385:22	<b>45</b> 355:24 361:2	<b>62</b> 387:4,6,8,10
380:8,10,12	<b>293</b> 384:21	<b>356</b> 385:23	<b>456</b> 224:4	387:12,14,16
393:5	388:19	<b>360</b> 225:8		387:18,20,22
<b>22</b> 224:9 269:2	<b>295</b> 384:21	<b>363</b> 385:23	5	387:24 388:4,5
<b>2230</b> 225:2	<b>298</b> 384:22	<b>366</b> 385:24	<b>5</b> 248:21 249:14	388:7,9,10,12
<b>228</b> 389:3,5,13		<b>367</b> 393:16	249:23 250:3	388:14,16,18
<b>23</b> 269:3	3	<b>370</b> 385:24	344:25 345:10	388:23 389:3,5
<b>233</b> 389:4,6,14	<b>3</b> 307:14 308:23	<b>371</b> 385:25	345:14,15	389:8,9,11,13
390:4 391:7	3NP/3HC 387:7	<b>376</b> 393:9,11,13	387:11	389:16,19,21
<b>234</b> 332:22	3rd 260:1	393:16	<b>5.1</b> 299:1	389:23,24
333:17 384:4	<b>3,000</b> 306:4	<b>377</b> 386:2	<b>50</b> 317:21 345:3	390:4,5,7,9,10
<b>24</b> 269:3	<b>30</b> 354:9 356:1	<b>378</b> 388:10,12	354:14	390:12,14,16
<b>240</b> 384:4	356:11 363:14	<b>379</b> 386:3 393:6	<b>50s</b> 354:14	390:18,20,22
<b>241</b> 384:5	369:13	<b>380</b> 393:6	<b>500</b> 358:13	390:24 391:3,5
<b>243</b> 384:5	<b>30-year</b> 263:7	<b>381</b> 386:4	393:19	391:7,9,11,13
<b>248</b> 384:8	<b>300</b> 388:19	<b>382</b> 386:6	<b>501</b> 393:20	391:15,16,18
<b>25</b> 263:6 306:4	<b>301</b> 224:20	<b>393</b> 373:13	<b>502</b> 393:22	391:20,22,24
338:5	384:24	<b>393.310</b> 348:23	<b>503</b> 393:24	392:4,6,8,10,11
<b>250</b> 384:9 387:10	<b>302</b> 235:19	349:6 364:20	<b>504</b> 394:2	392:13 393:9
	l	l	l	l

	1	I	
393:11,13,19	<b>95</b> 263:18		
393:21,23,25	<b>97</b> 344:9,10,11,12		
394:3,6,8	354:23		
<b>65</b> 263:17	<b>99</b> 364:10		
<b>650</b> 225:2	33 30 1.10		
<b>65101</b> 224:10,15			
<b>65102</b> 224:21			
225:9			
65102-0456			
224:5			
65102-2230			
225:3			
<b>65706</b> 301:5			
<b>69</b> 369:16			
7			
<b>7</b> 275:3 282:19			
289:11 344:25			
345:11,13,14			
345:15 387:15			
<b>70</b> 256:10,14			
354:25 356:7			
356:13 369:15			
<b>70s</b> 263:12			
<b>703</b> 332:25 333:5			
<b>75</b> 361:3			
<b>76</b> 319:19,22			
<b>77</b> 315:24			
<b>79</b> 364:6,9			
8			
<b>8</b> 387:17			
<b>8.2</b> 298:25			
<b>80</b> 317:23 318:1			
353:22 354:1			
354:25 355:1			
361:3			
<b>83</b> 307:15 308:23			
<b>838</b> 223:22			
<b>84</b> 263:18			
9			
9 265:23 338:4			
383:17 387:19			
392:17			
<b>90</b> 353:22			
<b>94</b> 297:12			