APPLICATION OF DOMINION ENERGY UTAH

Docket No. 19-057-02

EVIDENTIARY HEARING DAY 1 January 15, 2020

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BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH -000-Application of Dominion) Docket No: 19-057-02 Energy Utah to Increase) Distribution Rates and) Charges and Make Tariff) Provisions - Phase II)) EVIDENTIARY HEARING DAY 1 Taken on Wednesday, January 15, 2020 At 8:58 a.m. At the Public Service Commission of Utah 160 East 300 South 4th Floor Salt Lake City, Utah 84111 Reported by: Kimberly A. Harmon, RPR, CSR

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1	PROCEEDINGS
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4	CHAIRMAN LEVAR: Good morning. We're here
5	for a Public Service Commission hearing in docket
6	19-57-2, Application of Dominion Energy Utah to
7	Increase Distribution Rates and Charges and Make
8	Tariff Modifications.
9	This is the Phase II hearing in this docket.
10	We also have a public witness hearing scheduled today
11	at 6:00 p.m.
12	Are there any preliminary matters before we
13	go to appearances that anyone has?
14	(No response.)
15	CHAIRMAN LEVAR: I'm not seeing any
16	indication from anyone, so why don't we start with
17	Dominion for your appearance.
18	MS. CLARK: Thank you.
19	Jenniffer Nelson Clark, counsel for Dominion Energy.
20	I have with me Cameron Sabin, who is also counsel for
21	Dominion Energy.
22	And we have company witnesses,
23	Austin Summers and Jessica Ipson, with us as well.
24	CHAIRMAN LEVAR: Okay. Thank you.
25	Mr. Jetter?

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1	MR. JETTER: Good morning. I'm
2	Justin Jetter with the Utah Attorney General's
3	Office. I'm here today representing the Utah
4	Division of Public Utilities.
5	Seated with me at counsel table is
6	Douglas Wheelwright for witness for the Utah
7	Division of Public Utilities. The Division will also
8	call Howard Lubow as a witness at this hearing.
9	Thank you.
10	CHAIRMAN LEVAR: Okay. Thank you.
11	Mr. Snarr?
12	MR. SNARR: Yes, thank you. My name is
13	Steven Snarr. I'm an assistant attorney general here
14	representing the Office of Consumer Services today.
15	We do have a witness that we will sponsor,
16	Mr. Jim Daniel, as supporting our positions.
17	CHAIRMAN LEVAR: Okay. Thank you.
18	Major Kirk?
19	MAJOR KIRK: Good morning. I'm
20	Major Scott Kirk with the US Air Force on behalf of
21	the Federal Executive Agencies. Today, with me, I
22	have Captain Robert Friedman of the United States
23	Air Force.
24	And today we'll have during this hearing
25	we'll have a witness, Brian Collins, with

1	Brubaker & Associates.
2	CHAIRMAN LEVAR: Thank you.
3	Mr. Mecham?
4	MR. MECHAM: Good morning. Steve Mecham
5	representing the American Natural Gas Council.
6	And we will be presenting Curtis Chisholm
7	for ANGC, as well as Bruce Oliver.
8	CHAIRMAN LEVAR: Thank you.
9	Mr. Russell?
10	MR. RUSSELL: Thank you. Phillip Russell on
11	behalf of the Utah Association of Energy Users and on
12	behalf of US Magnesium.
13	On behalf of UAE, I will call
14	Witness Kevin Higgins, and on behalf of US Magnesium,
15	I will call Mr. Roger Swenson.
16	CHAIRMAN LEVAR: Okay. And I'm just going
17	to clarify, we had an intervention from Nucor Steel,
18	but no testimony filed. I'm not seeing anyone from
19	Nucor Steel looking like they're antici
20	participate in the hearing today, so I'll just
21	confirm that. And I'm not seeing any indication
22	otherwise.
23	Any other matters before we go to the first
24	witness?
25	(No response.)

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1	CHAIRMAN LEVAR: I'll just comment, there
2	is there is a small amount of confidential
3	material here, and as always, we'll tend to rely on
4	participants, if any questions start to move into any
5	confidential information, to please jump in and stop
6	us. And feel free to do that so we can handle that
7	issue appropriately.
8	And with that, we'll go to Dominion for your
9	first witness.
10	MR. SABIN: Dominion Energy calls
11	Austin Summers as our first witness.
12	CHAIRMAN LEVAR: Good morning, Mr. Summers.
13	THE WITNESS: Good morning.
14	CHAIRMAN LEVAR: Do you swear to tell the
15	truth?
16	THE WITNESS: Yes.
17	CHAIRMAN LEVAR: Thanks.
18	
19	DIRECT EXAMINATION
20	BY MR. SABIN:
21	Q. Mr. Summers, could you state your full name
22	for the record?
23	A. My name is Austin Summers.
24	Q. What is your position with Dominion Energy?
25	A. I'm a manager of rights and regulation for

1	Dominion Energy.
2	Q. And you have submitted both direct,
3	rebuttal, and surrebuttal testimony in this matter?
4	A. That's correct.
5	Q. I have that testimony as DEU Exhibits 4.0
6	through 4.01 excuse me, through 4.18. That is
7	your direct testimony and exhibits.
8	The rebuttal testimony is Exhibit 4.04R with
9	Exhibits 4.01R through 4.02R.
10	And then for your surrebuttal testimony,
11	DEU Exhibit 4.0SR with one exhibit, 4.01SR.
12	Is that accurate?
13	A. That sounds correct, yes.
14	Q. And do you have any corrections at this time
15	to your testimony?
16	A. No.
17	Q. Do you accept your testimony or as if
18	given today, do you accept that as for the record
19	in this matter?
20	A. Yes.
21	Q. Okay. Have you prepared a summary of the
22	direct rebuttal and surrebuttal points that you make
23	in your testimony?
24	A. I have.
25	Q. And go ahead and provide that now.

A. Thank you. And I will be summarizing the cost of service and rate design this morning. And I realize that a lot of times that's not the most entertaining, but on the bright side, I'm not going to be covering any pension today, so that's a saving grace here today.

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When I filed my direct testimony, the whole idea was to fix the interclass subsidies or cost of service portion now, and then fix the intraclass subsidy or rate design in the next rate case. So in my original testimony, I proposed a three-step process.

13 The first step was to implement full cost 14 rates for all classes in this case. I don't know 15 that there's been much dispute on this fact that the 16 TS class has been under cost and it needs to reach 17 full cost now. If gradualism is used to get there, I 18 think that that is fine as long as it gets to 19 100 percent before the next rate case.

The second step of that three-step approach was to stabilize the TS class long enough to do a thorough analysis. That stability will come through a temporary 35,000 dekatherm moratorium. On page 22 of my direct testimony, I showed a chart. The chart shows that growth in the TS class -- we can just turn

to that, again, on page 22 of my direct. 1 2 That chart shows growth over the last decade 3 from 132 customers in 2010 to 1,093 customers in 4 2019. The class has been changing so rapidly that no analysis can be done. We're constantly trying to hit 5 a moving target. This moratorium isn't meant to be 6 anticompetitive; it's just trying to get a consistent 7 8 set of data to analyze. The third step of that three-step approach 9 10 was to fix rate design in the next case. Now, I'd 11 acknowledge that I've done something maybe unique in 12 this case. I've pointed out a problem, but I haven't 13 really proposed an immediate solution. It's 14 important to consider why that was done. 15 If we wait until the next rate case, it 16 gives time for rates to get to full cost, it gives 17 time for stabilization to happen in the class, and it 18 gives time for the -- for a collaborative analysis to 19 be done by all of the parties. Making a decision now 20 would be premature and could lead to more problems in 21 the future. 22 It's my testimony that this three-step 23 approach that I proposed in my original testimony is 24 still the best option. Step 1 brings the TS to full 25 cost now, and I don't think this should be minimized.

1 This is a big deal. This is something that the 2 company and a lot of the parties in this case have 3 been trying to do for several rate cases now. So 4 that is a big deal. Step 2 is the moratorium that stabilizes the 5 makeup of the TS class. And then over the next three 6 years, that collaborative analysis, in some form, 7 will be done with stable data, and progress will be 8 made on rate design. 9 10 So stepping away from that three-step 11 approach a little bit, I wanted to talk a little bit 12 about splitting the GS and the TS classes. Several 13 have made recommendations to split the GS class or 14 the TS class, and my position is that there's not 15 enough evidence to split the classes now. 16 Now, don't get me wrong. I think that we've 17 learned a lot during the discovery process in this 18 case, and it shows the benefit of all the parties 19 being involved and asking questions. But even after 20 the discovery process, we still need to wait. 21 There's not enough analysis that has been done to 22 make the split. 23 Right now there's one proposal out there 24 that says we should split the TS class based on the 25 size of the customer at 35,000 dekatherms. That is

1 one possible way to do it, basing it on size, but we 2 still don't know if that's the best way. We don't 3 know if size is the best way. 4 If size is the best way, we don't know that 35,000 dekatherms is the best place to split it. 5 We б don't know if seasonal use would be a better way to split the class, if demand differences, if commercial 7 versus industrial would be a better way to split it, 8 9 or if even a load factor would be a better way to 10 split it. 11 We also haven't done any impact-on-customers 12 analysis. We haven't compared a customer in the GS 13 class to a customer in the TS class of similar nature and seeing if they would have similar costs. 14 Now, when discussing this future analysis, I 15 16 think it's important to point out that we do need a 17 collaborative process. We need to do a deep dive into cost of service and rate design, and the company 18 19 is open to any collaborative process as long as 20 parameters are set that make it productive. And I do 21 believe that these discussions can be productive. 22 One thing that will help those discussions be 23 productive would be having this 35,000 dekatherm 24 moratorium.

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As I mentioned earlier, the original

1 proposal has always been to work out the details of 2 intraclass subsidies in the next case. The changing 3 rate design or splitting a class is not a simple 4 In the TS class, we've got a unique change. situation going on right now because we've had, over 5 the last decade, really, customers moving into this 6 class that were firm customers before. 7 They were firm sales customers. And trying to find a place for 8 9 them in the transportation is a fundamentally --10 fundamentally new class of customers.

To make this analysis and to make this class and to do it right, we will need to gather data. The cost of service studies that we used in this general rate case took my team nearly a year to put together. We started gathering data in summer of 2018, and those studies were finished probably May or June of 2019, right before we filed.

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But once I've got that data, though, we were able to do a lot with it. In this case, we were able to do three different cost of service studies during the discovery process based on data requests. And we were -- and I wouldn't say that those were easy, but having that data already gathered makes it so that we can do more of that analysis.

Having the moratorium in place will allow us

to gather some data and then be able to analyze that 1 2 data without it constantly changing. I'd already 3 pointed out the chart on page 22 of my direct 4 testimony that shows growth over the last decade, but if you look at the last three years, from 2016 to 5 2019, we grew from 563 customers to 1,093 customers. 6 That is significant growth. And like I mentioned 7 before, without a consistent set of data, you're 8 9 trying to hit a moving target.

10 It's important to remember, too, that I'm 11 not proposing that this be a long-term ban. I'm 12 simply proposing a moratorium until we can get the 13 class to full cost and we can design accurate rates 14 for these customers.

15 While I'm on the topic of the moratorium, 16 this issue has brought allegations that the company 17 is trying to prevent competition, and this is simply 18 If rates are set appropriately, it doesn't not true. 19 matter to the company which class these customers are 20 in. The ultimate goal that we're trying to follow is 21 cost causation, and I've used cost-based, consistent, 22 logical reasons for every component of cost of 23 service in rate design.

Even during the discovery case -- or, sorry,
as part of this case, I've reduced the administrative

1	charge. This leads to a decrease for small
2	transportation customers. This is not
3	anticompetitive.
4	I've also made reductions to the TS
5	allocation of cost by changing allocator 230. I saw
6	a reasonable proposal to move from a 60/40 weighting
7	to a 68/32 weighting, and I adopted that change.
8	This is not anticompetitive.
9	I also agreed to a gradual increase to the
10	rates, which is also not preventing competition. If
11	anything, I think that the moratorium protects these
12	potential TS customers. It's not prudent to have
13	these customers making a decision now and locking
14	into a contract with a supplier when their rates or
15	their rate design or even their rate class could be
16	changing in the coming years.
17	I have a few additional items that I want to
18	address. One of those is allocating design day costs
19	to the IS class. And I discussed this a little bit
20	in rebuttal, that there needs to be a distinguishing
21	factor that separates the IS class from the GS and
22	the FS class. There has to be some distinguishing
23	factor, otherwise it would be the same as those other
24	sales rates.

Γ

The company's proposal to not allocate

design day costs is reasonable, and it distinguishes 1 2 differences between the interruptible customers and 3 firm customers. The fact is these customers do get 4 interrupted. If they're willing to interrupt when called upon to do so, they should receive a benefit 5 6 for that willingness. There's nothing on the record besides my proposal showing something that would 7 distinguish the IS class from the other classes. 8

9 A few other miscellaneous -- just allocator 10 issues while I'm on the topic of service allocations. 11 I'm not going to address each one, but I will just 12 state that every other allocation factor that I 13 proposed should be used for at least one of four 14 First, it has been used consistently reasons: through several rate cases. The second reason would 15 16 be that it's a reasonable allocation factor. The 17 third is that the Commission has decided in prior 18 cases that the allocation provides a result that is 19 in the public interest or, fourth, no other solution 20 has been offered by the other parties.

21 Moving on again, and this is kind of along 22 those same lines, but it's in the issue of SNG 23 allocation, where we proposed allocating peak hour 24 charges to TS customers. This is a charge that was 25 discussed in the 2017 docket, and those charges are

currently -- all of the contract costs for that are 1 2 being charged to firm sales customers. 3 That charge, that peak hour charge, should 4 not be confused with interrupting customers or the 5 penalties that are associated with interrupting or, also, the penalties that are associated with any of 6 the operational flow orders or the holding burns to 7 schedule quantities. Those are completely different 8 9 than what the peak hour charges that we're talking 10 about here. 11 The penalties that are discussed by 12 Mr. Oliver are really meant to influence behavior 13 during one of those situations. If we want those 14 customers not -- to really interrupt, there's a 15 penalty out there so that they don't interrupt -- so 16 that they actually will interrupt. The peak hour, though, happens on a regular 17 18 basis, without warning to customers. We have used 19 that contract every day this winter, and we don't 20 notify customers when we use it. It's just part of 21 our ongoing system costs. These costs should be 22 charged to the transportation customers. 23 I want to move on to the administrative

23 I want to move on to the administrative 24 charge, which is something that the company proposed 25 to reduce in this docket. We reduced it from \$4,500

1 per year down to \$3,000 per year. Now, the ANGC 2 argues that this is not a cost-based charge. The 3 calculations that are shown in DEU Exhibit 4.12 shows 4 the costs that are included in this cost-based These are the same calculations that have 5 charge. 6 been used for the last -- at least the last 15 years. I had discussed in surrebuttal, as did 7 Mr. Higgins, that a reduction -- that this reduction 8 9 to the administrative charge has a larger impact on 10

the small transportation customers. Not only is this a reasonable cost-based charge, it's also the only option that has been proposed on how to calculate this.

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14 Finally, my last issue is timing of signing 15 up new TS customers. The company files an annual IRP 16 in June, and I think a lot of people in this room are 17 familiar with that process. But that IRP includes 18 RFP decisions on gas purchases, and it also includes 19 Wexpro drilling plans. Proper planning in the IRP 20 means that the company needs to know where customers 21 will be. A lot of components, such as the Wexpro 22 drilling plan, cannot be adjusted or changed quickly 23 throughout the year. Once those decisions are made, 24 it's hard to back out of those or adjust those to 25 meet changing demand.

We are a unique utility because we do need 1 2 to do this. As far as I'm aware, there are no other 3 utilities that have to manage a drilling program. 4 Therefore, the ANGC proposal to allow customers to sign up any time of year should be rejected. 5 Mentioned before that, a lot of information б was learned during this case which speaks to the 7 productive nature of the discovery process and the 8 9 input of each of the intervening parties. But while 10 new lessons were learned, the company's original 11 proposal to move the TS class to full cost and 12address intraclass subsidies or rate design in the 13 next case is still the best option for the Commission 14 to consider. 15 Combining the company's original proposal 16 with the gradual approach to bringing the 17 transportation class to full cost and a 18 35,000 dekatherm moratorium provides rates for all 19 classes that are just, reasonable, and in the public 20 interest. 21 And that concludes my summary. 22 Thank you, Mr. Summers. Q. 23 MR. SABIN: Mr. Summers is available for cross-examination. 24 25 CHAIRMAN LEVAR: I don't believe we got his

1	testimony entered.
2	MR. SABIN: Thank you.
3	I now move to admit exhibits
4	DEU Exhibits 4.0 through 4.18, which is his direct
5	testimony and exhibits; DEU Exhibits 4.04R through
6	4.02R, which are the rebuttal testimony and exhibits;
7	and then DEU Exhibit 4.0SR with Exhibit 4.01SR. We
8	move for those to be admitted into the record.
9	CHAIRMAN LEVAR: Please indicate to me if
10	anyone objects to that motion?
11	(No response.)
12	CHAIRMAN LEVAR: And I'm not seeing any
13	objection, so the motion is granted.
14	(DEU Exhibits 4.0 - 4.18, 4.04R -
15	4.02R, 4.0SR, and 4.01SR were
16	admitted.)
17	MR. SABIN: Thank you.
18	Thanks for the reminder.
19	CHAIRMAN LEVAR: Mr. Jetter?
20	MR. JETTER: Thank you.
21	
22	CROSS-EXAMINATION
23	BY MR. JETTER:
24	Q. Good morning, Mr. Summers.
25	A. Good morning.

I have a few questions, and I guess I'd like 1 0. to start with some questions about the interruptible 3 service customers. 4 It's an accurate reflection of your

testimony that you've entered into the record prefiled, as well as your summary this morning, that the company is recommending that no design day factors be applied to the rates of the interruptible service customers; is that correct?

I think there needs to be a Α. That's correct. distinguishing factor, and if we start allocating design day cost to them, their DNG costs would be the same as any other sales customer.

Thank you. And the design day peak 0. allocation factor is an allocation of investment -and correct me if I'm wrong on this, but that it's portions of the high-pressure system and certain other distribution plant facilities; is that correct?

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Yes, that's correct. Α.

Do you recall the last time that DEU 0. experienced a design peak day on its system?

> A design day that -- I don't recall. Α.

23 And is it accurate, to your knowledge, that ο. 24 it's been as long as 50 years without one?

> Α. I would have to check on that, but we have

I mean, it doesn't have to be 1 interrupted customers. 2 an exact design day for those interruptions to 3 happen. We have interrupted customers in recent 4 years. 5 ο. Okay. And the interruptions to those customers, were those interruptions based on a flow 6 capacity in the high-pressure system -- excuse me. 7 Let me rephrase that to make it a better question. 8 Were those based on a flow capacity 9 10 constraint that was not related to a mechanical 11 failure of some component? 12 Α. I'm -- I'd have to go back and familiarize 13 myself with the specifics of the different events. 14 I'm not sure I can answer that question. I'd have to get with our gas supply folks and verify the details 15 16 of each of those events. 17 Q. Okay. But you don't have any -- I guess you don't have any knowledge of an event occurring where 18 19 a pipe restriction, for example, on the size was the 20 cause of a --21 Not that I recall, no. Α. 22 -- cause of interruption? 0. 23 Okay. Thank you. 24 And I think you would agree with me that the 25 likelihood of an actual occurrence of a design peak

Page 27

1 day is unlikely, and that's, you know, essentially by 2 design? 3 Α. I think that we design -- the design day is something that could happen. I will admit that it 4 hasn't happened recently, but it's -- it's weather. 5 I'm not ready to say that it's not ever going to 6 happen. I think that a design day absolutely could 7 8 happen. And you've testified that the interruptible 9 0. 10 service customers would either interrupt or pay a 11 penalty; is that correct? 12 Α. If they were called upon to interrupt, Yes. 13 they would either interrupt -- and I think a lot of 14 interruptible customers do interrupt when they're 15 asked to do so. If they do not interrupt, there are 16 sizable penalties for not doing that. Q. And is it correct that the company, in a 17 18 daily request to the Division, responded that it 19 didn't keep track of the amount of interruption from 20 certain customers during the last call for 21 interruption? And by that, I mean the gas flow 22 reductions. 23 Α. We do track their gas flow. That's why

24 these customers -- all of the interruptible customers 25 have to have specific meter equipment that allows us Γ

1	to track their usage on an hourly basis so we can go
2	back later and determine if any penalties should be
3	assessed.
4	Q. And you have assessed penalties; is that
5	right?
6	A. Yes, we have.
7	Q. Because those customers didn't interrupt?
8	A. Yeah. There were there are always some
9	customers that don't interrupt for one reason or
10	another. But I think there are also a lot of "good
11	players," I guess is what I would call it, that when
12	they're called upon to interrupt, they do that.
13	Q. Okay. I have no further questions. Thank
14	you.
15	A. Thank you.
16	CHAIRMAN LEVAR: Mr. Snarr?
17	MR. SNARR: Yes, sir. Yes, thank you.
18	
19	CROSS-EXAMINATION
20	BY MR. SNARR:
21	Q. Good morning, Mr. Summers.
22	A. Good morning.
23	Q. I'd like to start off today by focusing on
24	some of the studies the company did following the
25	rate case that was completed back in 2014.

1	A. Okay.
2	Q. You covered that in your testimony, your
3	direct testimony, right at the beginning, page 1,
4	commencing at line 20.
5	You were asked questions about the interim
6	studies that were required by the partial settlement
7	of the rate case that was approved by the Commission
8	in 2014; isn't that correct?
9	A. That's correct.
10	Q. On the next page, you list various topics
11	that were covered as part of those interim studies;
12	is that right?
13	A. That's right.
14	Q. And in at least two of the three follow-up
15	meetings, issues related to the transportation class
16	of customers being split were discussed; is that
17	correct?
18	A. Yes, that is correct. Well, let me look at
19	them.
20	Yes. In the October 21 of 2014, we did
21	discuss rate design of a split TS class.
22	Q. Okay. I also note that in all three
23	follow-up meetings, issues related to interruptible
24	sales or IS service were discussed; isn't that
25	correct?

1	A. That's correct.
2	Q. Is it also correct to conclude that issues
3	related to GS customer intraclass rate design were
4	not the focus of these follow-up meetings or interim
5	studies?
6	A. Yes, that's correct.
7	Q. Okay. Let me direct your attention to your
8	surrebuttal testimony at page 2, if you could turn to
9	that.
10	A. Okay. I'm there.
11	Q. All right. Look at line 42. I'd like you
12	to read from 42 to 46, the sentences that are in
13	partway through line 42.
14	A. Sure. It says: "As I mentioned in my
15	direct testimony, due to the complexity and history
16	of the rate classes and design, the goal for this
17	case was to get each class to a point where it was
18	paying its cost of service to eliminate interclass
19	subsidies. The intraclass subsidies should be
20	eliminated in the next case, after the parties have
21	had the opportunity to analyze the data and the
22	customer's paying rates at full cost of service."
23	Q. Notwithstanding that statement, you've done
24	some tweaking to the GS customer class in your
25	proposal; is that right?

A. We did propose some -- I would say the changes that I have proposed for the GS class weren't based on what we discussed in the interim task force. The changes that we proposed to the GS class also don't completely eliminate the intraclass subsidies in the GS class. It's just simply a step moving that direction to reduce the impact in three years when we make a full change, the rest of the change.

Q. But the changes to the GS class would largely be a reduction of costs that they would assume because you're going to load the costs over on the transportation customers, isn't it?

A. So there's two things going on in the GS class. So one thing that's happening is we're taking costs away from the GS class and we're allocating that to TS class. That helps to remove the interclass subsidy.

The other thing that I'm doing in the GS class -- and I'm sorry if I misunderstood your question, but I've proposed to reduce the block break in the GS class. Right now that block break is at 45 dekatherms, and I'm reducing it down to 30.

Q. Now, you've not engaged in a collaborative effort to discuss that particular change, have you? A. No.

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1	Q. All right.
2	A. Just the discovery process that happened
3	during this case.
4	Q. Which your proposed change was made before
5	we went through the whole discovery process?
6	A. That's correct.
7	Q. All right.
8	A. That was the company's proposal.
9	Q. All right. Let me now turn to a couple
10	points on related to the transportation rate and
11	the migration of customers.
12	Could you please refer to the your
13	testimony direct testimony, line 631 through 634.
14	A. Okay.
15	Q. Now, you propose a 35,000 dekatherm minimum
16	use requirement to prevent more small customers
17	migrating to the highly subsidized TS rate; is that
18	correct?
19	A. That is correct. And then later on, that
20	minimum use requirement was changed to a moratorium
21	in my rebuttal.
22	Q. Now, some of the data that the company has
23	provided in connection with this and I see it with
24	different labels on it, but one place where we find
25	information the company has provided is in

1	ANGC Exhibit 2.01R. It might be what you have in an
2	Exhibit 4.06, page 1 of 2, but I'm I get mixed up
3	on the nomenclature of
4	A. Who's filed what?
5	Q who's sponsoring it and for what reason.
6	MR. SABIN: Sorry. So which one are we
7	referring to, Steve?
8	MR. SNARR: I can safely tell you it's in
9	ANGC Exhibit 2.01R, page 1. And if that appears
10	three or four other places, I apologize for not
11	giving reference to the others.
12	THE WITNESS: Okay. I have
13	ANGC Exhibit 2.01R in front of me.
14	BY MR. SNARR:
15	Q. I'd like to direct you now to line 51 on
16	that page.
17	A. Okay.
18	Q. Doesn't that show that the current TS rate
19	paid by the small TS customers recovers more than
20	their allocated cost of service? That is, they're
21	paying they're paying a subsidy, not receiving a
22	<pre>subsidy; isn't that right?</pre>
23	A. That is right. That now
24	Q. Okay. Thank you. Now, most parties in this
25	case oppose implementing the 35,000 dekatherm minimum

use provisions as a means to prevent new small customers migrating to the TS rate; isn't that correct?

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That's correct.

Q. If the Commission agrees with these other parties and does not approve the 35,000 dekatherm minimum use provision or any other moratorium on the migration of small customers, do you have an estimate of how many additional existing customers would actually migrate to that TS rate class?

11 A. I have not done an estimate on how many12 could migrate.

Q. Okay. Thank you. We'll turn to some other issues now. Let's turn to some of the questions on the cost allocation issues.

In your rebuttal testimony at pages 4 and 5, you discuss issues raised by Mr. Daniel related to the allocation of general plant costs and general plant depreciation as those costs impact customers using the NGV service; isn't that correct?

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Α.

That is correct.

Q. Now, do you dispute that there should be
symmetry between the way the general plant costs are
allocated and the way the general plant depreciation
costs should be allocated?

I think that the cost of service studies 1 Α. 2 should be as accurate as possible. I do. And just 3 to give a little bit of background on how these cost 4 of service allocators came to be and why we use what 5 we use, after the 2007 general rate case, the company sat down with representatives from the Division and 6 the office and went through each individual FERC 7 account and said, "What is the best way to allocate 8 9 this particular FERC account?" 10 And that's the same allocation factors that 11 the company is using today. I don't -- I wasn't part 12 of that study, but -- or part of that process, but 13 what happened is, as you're going through these, 14 you're not necessarily looking at saying, "Does this individual FERC account -- is it actually -- you 15 16 know, is it doing the right thing for each individual 17 class?" It's saying, "What is the best allocation 18 19 factor for that as a whole, for that account as a 20 whole?" 21 So you might have some allocation factors 22 that allocate not enough costs to the NGV class, but 23 you have others that will probably allocate more to 24 the NGV class. 25 But in this case, I think it's reasonable to

1 keep using the allocation that we've used 2 historically, to keep using the gross plant rather 3 than the gross general plant that Mr. Daniel 4 proposed. It's consistent with prior practice, and it's a reasonable allocation factor. 5 6 While I appreciate you suggesting it might 0. be reasonable, or you have an end objective in mind, 7 I really want to just kind of point out -- ask a 8 9 question. 10 General plant costs and general plant 11 depreciation, couldn't we say "birds of a feather 12 ought to flock together," that those two ought to be 13 allocated in some similar way? 14 Α. It's a reasonable allocation. I would think 15 that Mr. Daniel's allocation has merit. 16 All right. 0. 17 Α. But I -- I would point out, though, that to 18 be consistent with past practice and to prevent 19 the -- the end result of using that allocation factor 20 is significantly increased cost to the NGV class. 21 Q. Let's address --22 If that happens, there's legislation that Α. 23 allows the company to subsidize that rate, and that's 24 what would have to happen for that rate to keep 25 going. So if you used Mr. --

1	Q. You addressed that in your testimony?
2	A. Yeah, I said that in my testimony.
3	Q. Page 5, commencing at line 112.
4	A. Sorry, where was that?
5	Q. Page 5, commencing at line 112.
6	A. That's right.
7	Q. Now, you there address the possibility of
8	the Commission embracing Mr. Daniel's proposal as it
9	relates to the allocation of costs between those two
10	accounts so that they're kind of running together,
11	but explain that any of those allocations might
12	affect the NGV service. And if so, then you're going
13	to get into another situation of allocating back the
14	effect of the discount that you're giving to NGV;
15	right?
16	A. That's correct.
17	Q. All right. Wouldn't it be better to
18	allocate all appropriate costs or the similar
19	accounts as they ought to be accounted for, and then,
20	to the extent that discounts are necessary or ought
21	to be provided, use the statutory authority to
22	justify such discounts?
23	A. I think it's the same result either way.
24	What the benefit of what I proposed is that I do
25	have consistency. And I think that for each one of

1 those allocation factors, like I said, you could 2 probably get into an argument of what way you're --3 what is the best way to do that. But I think that it 4 would provide a similar result. All right. Let's now move to questions 5 ο. about the interruptible customers. At page 8 of your б direct testimony, commencing on line 202, you note 7 that in prior rate cases, the company, at the 8 9 direction of the Commission, included interruptible 10 customers in allocations to share in costs to be 11 recovered associated with the design day usage of the 12system; isn't that correct? 13 Α. I'm sorry. Let me get there. 14 Page 8, line 202 is where it starts. 0. Yeah. 15 Sorry, was that direct? MR. SABIN: 16 Direct testimony. MR. SNARR: 17 THE WITNESS: Okay. So yes. That was the quote by the Commission that you described? 18 19 BY MR. SNARR: 20 Summarized. 0. 21 Α. Okay. 22 So in the past, the Commission has directed 0. 23 that interruptible customers share in some allocation 24 of the cost associated with design day usage of the 25 system; right?

1 That is correct. That was what happened in Α. 2 that 2007 docket. Now, since then, I think things 3 have changed. We have interrupted customers since 4 2007. I think prior to 2007, that wasn't as common as it has been recently. So I think things have 5 changed, and I think that company's argument is б logical, and so I'm putting it out there for the 7 Commission to change. 8 All right. At lines 207 through 209, you 9 ο. indicate that in the 2009 rate case, the company 10 11 allocated demand costs over and above the average 12peak requirements of the firm customers to 13 interruptible customers. So you did some to 14 interruptible customers at that time; right? 15 Α. We did. 16 And by "firm customers," you're referring to 0. 17 firm sales customers and those firm transportation 18 customers; right? 19 Α. I believe I -- I'm sure that -- yes, that's 20 correct. 21 All right. So those who've contracted for ο. 22 firm service ought to be sharing the cost, but you 23 say that anybody who's on interruptible service 24 shouldn't get any of those demand costs? 25 Α. That's correct.

1 All right. Now, there's been a lot of 0. 2 discussion in this proceeding about the percentage 3 allocation related to the high-pressure feeder mains, 4 et cetera, and that's -- the use of a design dav/throughput allocator has been discussed 5 extensively. 6 Now, is it your understanding that the use 7 of the design day/throughput allocator affects the 8 9 allocation of costs to interruptible customers, or 10 not? 11 For some reason, I can't picture that in my Α. 12I can't run that through. head. 13 Isn't it true that for the portion of that Q. 14 formula that is designed based upon throughput, that the company would have throughput for all the firm 15 16 sales customers, throughput for all of the firm 17 transportation customers, and throughput for the interruptible customers as part of package that would 18 19 share in the cost based upon throughput? Isn't that 20 correct? 21 I apologize, Mr. Snarr. I'd have to look at Α. 22 the model to see how to verify that that is the way 23 that that's allocated. 24 0. Now, I do have the NARUC manual that 25 discusses that briefly, but I don't know whether your

model follows the manual or doesn't.

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A. It was not built based on the NARUC manual.
Q. So if the NARUC manual says the appropriate way to do a design day/throughput allocator includes allocation to interruptible customers through the throughput component of that, that's at least irrelevant as to whether or not your company is

actually doing that right now; is that right?

A. I think -- well, so let's clarify something, though, because the 6 -- the -- when you're talking about allocator 230, that's the one that has the weighting between the design day and the average throughput. That's used for a portion.

But there are components that are allocated only by throughput, and those would -- and those customers would definitely get a portion of those costs that are allocated by throughput.

Q. Okay. Let me back up for a minute. Okay. Let me just say to the extent that you use allocators based upon throughput, and I'm going to say to the extent that the design day/throughput allocator also relies upon throughput --

A. Sure.

Q. -- it might be that interruptible customers
are actually receiving a portion, an allocated

1 portion, of demand-day costs; isn't that correct? 2 Α. I think that if that were the case, I would take out the design day portion of the costs and only 3 4 allocate them the throughput-weighted part of the So that if I'm saying design -- there's a 5 costs. weighting of design day and throughput, and there are 6 some costs that are allocated that way, it would 7 probably go through just the throughput. 8 But don't your feeder lines make up part of 9 ο. 10 the system that is contemplated or used on a design 11 day? 12Α. Sure. 13 And aren't the costs associated with the 0. whole system being divided up on a design day between 14 those who are using it -- firm -- and between those 15 16 who use it on a throughput basis? Isn't that what the allocator is all about 17 18 that we are talking about? 19 So again, I -- I wish that I had an answer Α. 20 for you, but I'm not willing to say -- and I could 21 check to verify how that's done, but I can't tell you 22 how --23 All right. Q. -- how it is being done. 24 Α. 25 Appreciating your answer to that question, Q.

1 let me ask a little different question just for 2 clarification. 3 Let's put that design day/throughput 4 allocator aside for a minute. You're stating on 5 behalf of the company that the interruptible class of customers should receive no cost allocation as it 6 relates to designed -- the use of design day 7 facilities or the demand part of that; isn't that 8 9 right? 10 I mean, I'm trying to understand your 11 testimony. 12Α. When I -- and unfortunately, the Yeah. 13 testimony doesn't say -- you know, it doesn't detail 14 out where that 68/32 allocator is used. That's in part of the electronic model that was filed as 15 16 DEU Exhibit 4.18. Unfortunately, I don't have the 17 electronic model. I could look at it very quickly 18 and tell you how that's being treated. 19 Put that on the shelf for a minute. ο. 20 Α. If you want to talk theoretically, if that's what you want to do, I'm willing to go --21 22 I'm happy to talk -- sorry. I'm happy to ο. 23 talk theoretically. 24 Let's put the design day allocator on the shelf. 25

A. Okay.

Q. And maybe you can even check and clarify for us whether there's a component of the throughput aspect of that allocation that goes to the interruptible class. But leave that aside.

Your testimony is, is that the company believes that the interruptible customer should not receive any cost responsibility for the facilities that are built to run the system. They're basically going to be there to take advantage of the gaps or the lower use of the system and help provide some offset to the costs that are otherwise being incurred by the firm customers; is that right?

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A. I think that's right.

Q. Okay. Are you aware of any other place aside from that allocator where you have assigned any demand costs to the interruptible class?

A. No.

Q. Now, that is a distinction from what occurred in 2009, and it's also a distinction from what the Commission asked in a prior rate case to include the interruptible customers for some cost recovery; isn't that correct?

A. That's correct.

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Q. Doesn't this position represent a departure

1	from the past rate design practices that have
2	occurred for DEU before this commission?
3	A. It does represent a departure from what we
4	filed in from what we were ordered to do in 2007
5	and then what we actually did in 2009.
б	Q. Okay.
7	A. And as I pointed out earlier, I think that
8	it's important to change that so that there is a
9	distinction between those customers.
10	Q. All right.
11	A. Now, in the 2013 case that we filed, that
12	was settled. So currently there the company's
13	proposal in that case was to not allocate design day
14	costs to those customers. So that's what was
15	settled. So currently there are no design day costs
16	being allocated to those customers.
17	Q. Unless I've found some in the allocator;
18	right?
19	A. Right.
20	Q. Okay. As a proponent of the change you
21	described, would you agree that the burden of proof
22	to show that such a change is necessary in
23	establishing just and reasonable rates would fall
24	upon the company?
25	A. I do think that that's the company's

responsibility, and that's why we put it out there and we're saying that this is reasonable. There has to be some kind of distinguishing difference between an interruptible customer and a sales customer or a firm customer; otherwise, there's no point in having the interruptible class.

Q. Except for you can interrupt them. And that's been the case and -- it has been the case, and you have interrupted.

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A. Right. But if the customer is going to have the willingness to be interrupted, they need to receive a benefit to that. Otherwise, why would they want to be an interruptible customer?

Q. Isn't it true that if -- as some demand costs are assigned to the interruptible class, but that you then interrupt them, that the company might be exposed to greater risk to the extent those demand costs are assigned to the interruptible class?

A. I'm sorry. Will you repeat that one?

20 Q. If there is some portion of demand costs 21 that are assigned to the interruptible class so that 22 their rates are structured with a contemplation that 23 the recovery of those demand costs would require them 24 to be using your system to some degree, isn't your 25 risk in recovering the demand costs somewhat

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1	dependent upon them using your system?
2	And yet, if you interrupt them or cut them
3	off, wouldn't that tend to cut off a thread of the
4	revenues that you might be relying on to come in
5	through that class?
б	A. It's an interesting question.
7	Q. Less risk if you have all the demand charges
8	settled on your firm customers and your firm
9	transportation rates; isn't it?
10	A. Yeah, which I think is all the more reason
11	not to allocate them any of those costs. If they're
12	not contributing to those costs while they're
13	interrupted, then those costs should be placed on
14	firm sales customers where I can collect the revenue.
15	Q. Let's turn to that design day/throughput
16	allocator with a few more questions. I understand
17	your caveat on my earlier questions and your answers.
18	Page 6 of your rebuttal testimony, you
19	comment on Mr. Lubow's use of the term "peak day" to
20	mean highest sendout day, as distinguished from the
21	company's use of that term, which really means the
22	design peak day.
23	Do you recall that discission?
24	A. I recall that discussion, yes.
25	Q. You note that because the company bills its

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1	customers on a monthly basis, daily use of the
2	company's system by customer class is really not data
3	that's available to you; is that right?
4	A. That's right.
5	Q. Isn't it true that the company can determine
6	and measure when it has encountered a highest sendout
7	day?
8	A. We can determine when we have had a high
9	sendout day in the winter. We can determine that
10	pretty easily, but it's and I can tell you how
11	much of that is for the transportation class.
12	Q. Okay.
13	A. And I can tell you how much of that is for
14	the TBF class for that day.
15	Q. Okay.
16	A. Because on that day, I can gather detailed
17	information for those customers.
18	Q. Right.
19	A. Now, I cannot split out what is for the GS
20	class and what is for the FS class
21	Q. Okay.
22	A because those customers don't have daily
23	meter reading.
24	Q. Right. Isn't it true that the company's
25	design peak day is only an estimate, and that as

1	such, that event really hasn't ever occurred, and you
2	haven't ever measured it, and you don't even know
3	what the transportation customers used on the design
4	day? It's all an estimate?
5	A. The design day is based on an estimate, and
6	that estimate has been tested, I'd say fairly
7	rigorously, in recent dockets. There was a 2017
8	docket that discussed the peak hour charges, and the
9	design day was very, very rigorously analyzed and
10	determined to be reasonable.
11	Q. Sure. Analyzed and determined excuse me.
12	Analyzed, determined to be reasonable, but
13	in terms of what happened on an actual design day and
14	what amount of transportation firm was
15	provided, what amount of firm sales was provided in
16	aggregate, and whether there was any interruptible
17	customers served at all on that day, you don't know?
18	A. No.
19	Q. Right.
20	MR. SNARR: That concludes my questions.
21	CHAIRMAN LEVAR: Okay. Thank you,
22	Mr. Snarr.
23	I'll think we'll go to Mr. Russell next.
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1	CROSS-EXAMINATION
2	BY MR. RUSSELL:
3	Q. Good morning, Mr. Summers.
4	A. Good morning, Mr. Russell.
5	Q. I have a few questions to touch on some of
6	the topics that you identified in your testimony
7	summary, and I want to start with this allocation
8	factor 230. It's discussed quite a bit in some of
9	the testimony, but I haven't really heard a clear
10	discussion of it yet today, so I think it might be a
11	little bit useful.
12	That allocation factor seeks to allocate
13	costs of feeder lines, intermediate high-pressure
14	mains, compression stations, measuring and regulating
15	equipment; right?
16	A. That is correct.
17	Q. Okay. And it is appropriate there are
18	different ways to allocate those costs that are
19	deemed to be appropriate in various proceedings;
20	right?
21	A. Yeah. I think that there are as pointed
22	out in this case, there are a lot of different ways
23	to do this.
24	Q. Right. And for instance, you could allocate
25	them based entirely on a design day peak factor, as

1 the witness for the FEA has done here; right? 2 Α. You could. 3 Q. Okay. And you can allocate those costs with 4 some portion of the costs being allocated based on usage at that design peak and some portion of the 5 costs being allocated on the average use; right? 6 7 Α. Right. And that's what the company has done? 8 0. 9 Α. That is correct. 10 Okay. And using that hybrid factor, as the 0. 11 company does, allocates costs both based on how the 12system is designed and in how it is used; right? 13 Α. That is correct. 14 Okay. And that -- the volumetric component 0. of that allocation factor does distribute fixed costs 15 16 through the volumetric rates; right? 17 Α. Yes. 18 Including to interruptible customers; right? Ο. 19 I think that's -- again, I think that's the Α. 20 same question that Mr. Snarr was asking me, and I'd 21 have to look at that allocator 230 just to make sure. 22 I believe it does allocate some of that cost to 23 interruptible. 24 0. Now, the company started with a 60/40 25 weighting proposal in this docket; right?

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1	A. That is correct.
2	Q. 60 percent of that allocation factor would
3	be design day, and 40 percent would be throughput;
4	correct?
5	A. That's correct.
6	Q. The allocation in fact, do you know what
7	the allocation factor is that is in rates currently,
8	based on the 2013 settled case?
9	A. Yes. The 2013 case was settled using a
10	similar approach to what I've agreed to here, and it
11	is currently set at a 67/33 weight.
12	Q. Okay. And do you recall what that was based
13	on?
14	A. It was based on the proposal it was the
15	same method that UAE proposed and ANGC proposed in
16	their direct testimony. I think some have called it
17	the "peak average method," but it's the same method
18	that I've agreed to here.
19	Q. And that is just to spell that out, that
20	is allocating design day and throughput based on a
21	system load factor; right?
22	A. That's correct.
23	Q. And you have indicated in your testimony
24	that you have agreed to that that weighting
25	because you believe it carries the most analytical

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weight; is that right?

A. That's right. As far as the proposals that we're putting in this case, it was the only one that seemed to have backing behind it.

Q. Okay. Do you recall where the 60/40 weighting comes from?

A. Yeah. I can give you a little history on that. The 60/40 weighting has been used pretty consistently by the company. There's always some --I don't know -- people like to fight over this one, I think, a lot because there's a lot of costs that get allocated using this allocation factor.

So typically, parties would come in and propose something closer to a 70/30 weighting. That usually comes from, typically, industrial customers that use -- that have a higher load factor, so they're using their energy more consistently throughout the year.

I would say the advocates and the smaller customers would usually propose something smaller, closer to a 50/50 weighting, like we've seen in this case. So when the company was doing its allocations, it kind of looked at it and said 60/40 is the middle ground. And that seemed reasonable, and that's what I -- that was used in history.

1 Now, in this case, the -- I agreed to this 2 new weighting using the average and peak method just 3 because it made sense. I mean, there's logic behind 4 it, and I think it's a reasonable allocation factor 5 to use. Okay. And would you characterize the 60/40 6 0. weighting factor that the company had initially 7 proposed, partly based on the history that you just 8 gave, as something of an arbitrary delineation? 9 10 I hesitate to call it "arbitrary." Α. That 11 sounds just wrong. But yes, it was fairly arbitrary, 12yes. 13 Okay. Thank you. Q. 14 Arbitrary, but also in the range of Α. 15 reasonableness compared to the other arguments. 16 Fair. And let's talk for a second about 0. 17 some of the proposals to impose design day costs to 18 interruptible customers -- design day peak costs to 19 interruptible customers. 20 You've made it clear the company does not 21 believe that design day peak demand costs should be 22 allocated to interruptible customers; right? 23 Α. That's correct. 24 0. And the company takes that position because 25 at times of peak demand, interruptible customers will

1	be interrupted; right?
2	A. That's right. I think that they're
3	interrupted even at times that are not design peak
4	days.
5	Q. And design you've indicated in this
6	docket that design day peak demand infrastructure is
7	built to ensure that firm customers receive firm
8	service; is that right?
9	A. That's right.
10	Q. And in sizing the system to meet anticipated
11	design day demands, the company assumes that
12	interruptible customers will be interrupted, so the
13	sizing takes into account this notion of those
14	customers being interrupted; right?
15	A. That is right.
16	Q. Okay. Bear with me for just a moment.
17	A. Sure.
18	Q. I do want to talk for a moment about the
19	company's approach to gradualism here, which you
20	touched on in your summary and in which is
21	outlined, I think, in your either rebuttal or
22	surrebuttal. I can't remember.
23	A. It was rebuttal.
24	Q. Rebuttal. Yeah, there it is.
25	You indicate in your rebuttal testimony that

1	you agree, sort of, on a high level with the proposal
2	suggested by Mr. Higgins, the three-step phase-in.
3	You identify which parts of that you agree with, and
4	I want to touch on one aspect of one that you depart
5	from Mr. Higgins' proposal, and that is the timing of
6	those step increases.
7	Just to lay it out, Mr. Higgins' proposal
8	proposes a, you know, Step 1 increase to go into
9	effect on
10	A. It was March 1st.
11	Q. Yeah, March 1st of this year.
12	And then the subsequent increases to go into
13	effect also on March 1 of next year and in 2022;
14	right?
15	A. That's correct.
16	Q. And your proposal moves up the second
17	Step 2 from Mr. Higgins' proposal of March 2021 to
18	sometime this fall; is that right?
19	A. Yes. My proposal had the first increase
20	going into effect March 1st of 2020, so that's coming
21	up. And then after that, just follow with the
22	infrastructure tracker filings that the company files
23	every fall. And the reason I did that was just so
24	that would be fewer rate changes for the customers.
25	That said, I think that if everybody's

1 comfortable with having more rate changes for those 2 customers, Mr. Higgins' approach is reasonable. 3 ο. Okay. And I'm -- I -- the reason that I 4 wanted to talk about this is that in your summary -and you note this in your prefiled testimony as 5 well -- you indicate that you think it would be 6 fruitful for the parties, after the conclusion of 7 this docket, to further study some of the issues that 8 9 have arisen in this docket to address things in 10 anticipation of the next rate case. And as you 11 talked about in your summary today, having stable 12data is important to that process. And I'm wondering 13 how your proposal interacts with that, because you 14 have a rate increase in March of 2020, and then another one six months later that is a fairly 15 16 significant change in the rates. 17 How do you see that interacting with the process that you've outlined afterwards? 18 19 So the way I would see that process going, Α. 20 because I think that we're -- we'll have to look at 21 cost of service issues for sure. But knowing that 22 the class will be at full cost, I think, helps --23 will help stabilize.

24 But what we would use is, knowing that rates 25 would be at full cost coming up in the next rate

case, I think that we would do all of the analysis 1 2 using not the three-step approach, but we would use 3 the revenue that would be generated at full cost. So 4 we would just skip ahead to what the revenue looked like for the existing customers, and we would use 5 that -- the full cost revenue to do the analysis. 6 But some of that analysis is going to have 7 Q. to take into account potential customer migration 8 9 between classes; right? 10 Α. Yes. And hopefully -- so I see a couple 11 things happening. If the 35,000 dekatherm moratorium 12is implemented -- and again, I think that that's a 13 critical point of making this all work -- it will 14 limit how many new customers end up in the TS class. 15 Now, if some decide to leave the TS class 16 and go back to firm sales, I guess we'll have to monitor that as we go. I don't think that that will 17 18 have as big of a change -- I don't think there will 19 be as big of a change there as what there would be in 20 the -- if there wasn't a moratorium, as far as growth 21 in the TS class. 22 So I think you might have -- for instance, 23 if you had 50 customers decide over the next few 24 years -- and I'm just throwing out numbers here, but 25 if you have 50 customers decide to leave the TS class

1	and go back to firm sales over the next few years as
2	rates gradually increase, that won't have a very big
3	impact on the rate design or the cost of service in
4	the TS class or the GS class.
5	What would have a big effect is if you don't
6	get that moratorium and you add another I don't
7	know. If we're looking at that chart on page 22 of
8	my direct testimony, you see that 150 customers in
9	from 2018 to '19? If I had 150 customers coming into
10	the TS class every year for the next three years, I
11	think that would be a more significant problem that
12	we'd have to deal with. That that is not stable
13	data. And I think we'll have to change before we
14	file the next case.
15	Q. Okay. Thank you. That's all I have.
16	A. Thank you.
17	CHAIRMAN LEVAR: Thank you, Mr. Russell.
18	Mr. Mecham?
19	MR. MECHAM: Thank you, Mr. Chair.
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21	CROSS-EXAMINATION
22	BY MR. MECHAM:
23	Q. Good morning, Mr. Summers.
24	A. Good morning.
25	Q. Just to kind of lay the groundwork, would

January 15, 2020 Pag
you let tell me what types of customers there are
using fewer than 35,000 dekatherms a year that are in
the TS class?
A. I think that it would vary a lot. And you'd
have everything from schools to hospitals to hotels,
perhaps a I don't know if a big restaurant would
quite make it on to TSI. Those types of customers, I
think it would be customers that were formerly large
sales customers.
Q. Okay. And if there is no moratorium, would
you expect the same kind of customer to transfer to a
TS phase?
A. Yes, I think it would be those same types of
customers. Small grocery stores, those kinds of
things, yes.
Q. Do you know the approximate average end
usage per customer for the entire GS class?
A. GS class, on average, I want to say is right
around 117. I'd have to I mean, that's very, very
subject to check, but I think it's in that
neighborhood.

21 neighborhood.

> Q. Okay.

23 Do you accept, subject to check, that the 24 average end usage for the TS customer in the -- any 25 time I say "small TS customer," I mean under

Thank you.

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135,000 dekatherms. Let me restate that.2Yeah. Is about 7,700 dekatherms?

Does that sound right to you?

A. That sounds reasonable. And I would base that on the chart that I included in surrebuttal that shows the -- I can just look at that really quick in my surrebuttal.

8 I turned right to it. It's page 6 of my 9 surrebuttal. It shows a histogram of the sizes of 10 the customers in the TS class. And it looks like 11 the -- there's a bucket there that has 5,000 to 12 10,000. And it has the largest use, so I would say 13 that sounds reasonable.

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Q. Okay. Thank you.

So even the small TS customer is much larger than the average customer in the GS class, 77 times, based on usage?

18 A. That's correct. There are a lot of
19 residential customers in the GS class that would
20 bring that average down.

Q. Okay.

A. Absolutely.

Q. Now, Mr. Snarr directed you to

24 ANGC Exhibit 2.01R.

Could you return to that?

1	A. Okay. I'm at 2.01R.
2	Q. Thank you. Now and let me make sure I
3	understand. With respect to your original the
4	company's original filing, there was no division of
5	the TS class as far as cost of service is concerned?
6	A. That's correct. This
7	Q. And so go ahead. Sorry.
8	A. This was done as part of a data request.
9	Q. So it's in response to UAE's data request
10	2.01, which is stated at the top of the
11	Exhibit 2.01R?
12	A. That's correct.
13	Q. And Mr. Snarr directed your attention to
14	line 50, where the small TS customer is producing a
15	return on rate base of 9.11 percent; is that correct?
16	A. That is correct.
17	And before we go too far down the road on
18	this data request, I think it's important to note
19	that this was one look and I think it's an
20	important look at how the class could be split.
21	And it definitely shows that the TS customer the
22	smaller customers are paying their share the way that
23	rates are designed right now.
24	But relying on this to completely make a
25	fundamental shift in the change of the TS class, this

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1	data request has not seen enough analysis to be used
2	for the sole basis to do that.
3	Q. Have you seen there were other data
4	requests that asked for splits of the class at
5	different areas. And have you seen any of those that
6	produced a return where the TS the small TS
7	customer wasn't producing more than the average
8	system return?
9	A. No.
10	CHAIRMAN LEVAR: Mr. Mecham, I'm sorry to
11	interrupt you, but just to clarify: Are the
12	highlighted numbers at the bottom of this exhibit
13	indicating confidential numbers?
14	MR. MECHAM: No.
15	CHAIRMAN LEVAR: They're highlighted for
16	other reasons?
17	MR. MECHAM: They're highlighted just to
18	call attention to it.
19	CHAIRMAN LEVAR: I'm sorry. I didn't know
20	that. Okay. Thank you.
21	THE WITNESS: They're just for emphasis.
22	CHAIRMAN LEVAR: For emphasis.
23	MR. MECHAM: Yeah. They're for emphasis.
24	BY MR. MECHAM:
25	Q. And if you look, you can see, again, on

1	line 50, the first number is the average system
2	return of 6.93. And then you can see the basic
3	the various returns of all the classes.
4	And isn't it true that that shows the small
5	TS customer is producing the second highest of all
6	the classes?
7	A. That's what this data request shows. And if
8	this is the only thing that's relied on, then that's
9	what it would show. I think there's a lot of other
10	information that needs to be considered that wasn't,
11	such as differences in demand for these customers,
12	their load factors, all these things that I've
13	already talked about. I think that all of that
14	information needs to be considered, probably, in
15	addition to size before this is utilized.
16	Q. But there's nothing else on the record that
17	you or anyone else has produced that shows that the
18	small customer is causing the problem?
19	A. No.
20	Q. So there's been kind of a narrative over
21	many years that it's the small customer that's
22	causing the problem, but the evidence that we have in
23	this record so far shows that isn't true?
24	A. Yeah. And I think that and that's true.
25	The narrative has definitely changed as we've done

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1	more analysis on this. I think that when when we
2	originally looked at the case and we you know,
3	we're coming down to everything and we're looking at
4	it and we say, okay, we in 2013, we set rates, and
5	we agreed to a gradualism approach that took two
6	steps towards full cost rates. And one of those was
7	a step to 60 percent of full cost, and then another
8	step to 72 percent of full cost.
9	Then we come into this case and we do that
10	same look, and it's down to 40. And we're going,
11	"What has happened? What was the change?"
12	And I think that I don't know if it was
13	just easy to look at it and say, "What has changed in
14	the class?"And we look at it and we say, "It's all of
15	these small customers that are coming in. They're
16	not covering their costs." And that was the
17	narrative that was even in my direct testimony.
18	Now, what probably really did cause that
19	change from when we went 60 percent, then 72 percent,
20	but suddenly we're back down to 40, as we've done
21	more analysis, it looks like what has happened is
22	the problem is that we never did get to full cost.
23	So what happens is I'm now doing a feeder
24	line infrastructure replacement program, and I'm
25	adding revenue every year, two times. But I'm not

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1	allocating that to the TS class based on full cost;
2	I'm allocating it based on something that was only
3	meant to ever get to 72 percent of full cost. So all
4	throughout this time, I haven't been allocating
5	enough of those tracker dollars to the transportation
б	class, and that is more likely what has caused
7	this the change.
8	So based on this data request, it definitely
9	looks like those small customers are covering their
10	costs.
11	Q. So the narrative so far has been wrong.
12	A. I think yeah. Well, the narrative that I
13	started with was wrong, and I've just laid out why
14	that was wrong.
15	Q. Thank you.
16	Now, the again, based on the evidence
17	that we have in this docket, the moratorium would
18	stop the customers that are paying more than more
19	than their share, beyond the average return, from
20	joining the TS class; is that not true?
21	A. I think the moratorium as I mentioned in
22	my summary just a few minutes ago, the moratorium is
23	meant to stabilize the TS class so that we can really
24	do a solid analysis. It's you could definitely
25	argue that if they came into the class, that they

would be covering their costs. But that's only one
 portion of what needs to be analyzed before we make a
 rate for these customers.

From what I've seen here, I think this was a good analysis, and it's something that is a result of collaborating with other parties. But it's only the start. Using these rates, I think, would lead to further problems down the road if we just add a small class.

Q. But wouldn't it -- if you bring customers in that are contributing more than the average system return, doesn't that bring the class closer to full cost faster?

A. I think that -- well, I wouldn't agree to that because the revenue that they're bringing -- if this shows that the large class, the large customers, are the ones that are causing the undercollection, I don't think that the revenue that would be brought in by small customers would have a material impact on the -- on the undercollection of the large customers.

Q. But it certainly wouldn't add to the problem.

Α.

No --

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24 Q. It may not be big compared to what the large 25 users use, but it would give you an incremental

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1	positive return.
2	A. No. But as I've already mentioned, though,
3	the moratorium really is meant to stabilize the class
4	so that a solid analysis can be done.
5	Q. But isn't it true I mean, the large
6	users, as you point out I mean, that's what the
7	highlighted figure under "TSL" shows. They're
8	returning .75 percent in this exhibit; correct?
9	A. That's correct.
10	Q. And in response to UAE's 2.01?
11	A. That's right.
12	Q. And if you turn to ANGC Exhibit 2.02R, that
13	gives you additional breakdowns that were requested.
14	Of course, you've got the first one that above and
15	below 35,000 dekatherms, and then you've got the
16	Division's request at above or below 120,000, and
17	then you've got US Mag at above or below 800,000.
18	And that further shows, when you look at the
19	large class, does it not, at above or below 800,000,
20	that the large customers are in the negative
21	territory of negative 2.54?
22	A. That that is what that shows. And that's
23	a summary of those data requests.
24	Q. Okay. And then we've been talking about the
25	design day allocation factor.

1	Again, even using that, if you look at
2	page 22 of Mr. Oliver's surrebuttal testimony
3	A. You said page 22?
4	Q. 22 of the surrebuttal.
5	A. Okay.
6	Q. It shows there is a correction there.
7	Where it says Dominion at 60 it says 60/60. That
8	should be 60/40.
9	But it shows the returns on rate base under
10	each of those scenarios, where you're at 68/32,
11	60/40, or 50/50. And in each case, doesn't that show
12	that the small TS customer returns above average
13	system rate of return?
14	A. It does show that.
15	Q. So what are you stabilizing by using the
16	moratorium?
17	A. So my ultimate goal, when I'm looking at the
18	TS class and the state that it's in right now, is I
19	need to set it's probably going to be a split
20	class. We're going to make a new class of customers
21	somewhere there.
22	But for me to be able to do the rate design
23	and to set it for a group of customers, I need for
24	that growth to stop. I need for I need to have a
25	consistent set of customers that I can do that

analysis on. And then after I get the rates done 1 2 right -- and that includes making sure that they're 3 paying the appropriate demand charges -- that means 4 making sure that they're paying the appropriate administrative charges, it means doing a lot of that 5 analysis. 6 Once I get a new class for this new class of 7 customers, then I will open everything back up and 8 9 let everybody join whichever class they feel is 10 suited best for them. 11 But in the meantime, hasn't that stifled Ο. 12 competition? 13 Α. I really don't think it has. 14 0. I don't want to interrupt. Are you 15 finished? 16 Α. Oh, I covered in my summary that I think 17 that a lot of the things that I'm doing show that I'm 18 not trying to stifle competition. 19 I -- if customers -- the whole circumstance 20 we're in is because of a market change, right? So 21 when market prices dropped dramatically back in 2008 22 with the Shale Revolution, and -- and so it put it so 23 that some of these customers can now go to 24 transportation service and pay less for their 25 commodity than they would as a sales customer.

That class was never designed for them. 1 The 2 demand charges, the way that we treat their demand 3 and require them to use that, was not designed for 4 them. They're coming on to a rate right now that is 5 simply not for that type of customer. They really are meant to be more of a GS or FS customer. 6 So I think that the new class would probably 7 look something like that. It may not have a demand 8 9 I don't know. But it might not, because charge. 10 they're not as sophisticated as the large users. Α lot of that stuff needs to be considered. 11 12 So the point of the moratorium is saying, 13 "Just time out for a minute." We're talking about, 14 you know, a three-year period where everybody can get 15 together, do the analysis, design a good rate, and 16 then let people back on. And I think that it -- like I said in my 17 18 summary, it does protect those customers who would 19 make a decision otherwise. If I'm a GS customer 20 right now and I'm exploring if I want to go to the TS 21 class, I'm looking at this saying, "Well, I don't 22 even know what rates are going to be at this point. 23 I know that they're going up over the next few years, 24 but do I -- should I be entering into a three-year 25 contract to -- with a supplier when I don't even know

1	what the rates are going to be at the end of that?"
2	It's I think that it's protecting
3	customers, and I definitely do not think it's
4	anticompetitive.
5	Q. Did you read Mr. Chisholm's surrebuttal
6	testimony?
7	A. I did.
8	Q. And did you see where he said, in 2019,
9	school districts saved \$1.6 million in the TS rate?
10	A. Right. And like I said, that was due to a
11	commodity change.
12	Q. So a three-year moratorium, were they not
13	able to take TS service, would cost them \$5 million?
14	A. It's hard to say that it would cost them
15	that. I mean, I think that the customers that
16	haven't switched, they probably yeah, you're
17	right. They wouldn't be getting that benefit. I
18	don't know why they haven't switched already. If
19	there was that kind of savings, chances are they are
20	completely satisfied paying the rates that they are
21	as a sales customer.
22	Q. But with a three-year moratorium, they
23	wouldn't even have the opportunity, would they?
24	A. No.
25	Q. And they would also be prevented from coming

1	into the class and adding to the positive return
2	based on your moratorium; is that correct?
3	A. Well, they would still be contributing to
4	their I mean, I'm proposing full cost rates for
5	all classes of customers. I mean, if you're talking
6	about the difference between you know, in between
7	a class, I think that they'd be paying a similar
8	they're paying a fair return where they're at.
9	Q. Well, aren't they if they're left in the
10	GS class, aren't they paying a tremendous subsidy?
11	A. It depends on your use of the word
12	"tremendous." But they are there is an intraclass
13	subsidy in the GS class.
14	Q. Well, they wouldn't want to leave if the
15	rates were set correctly; correct?
16	A. I think if rates were set correctly, there
17	should be no benefit for staying or going, as far as
18	a DNG cost is concerned.
19	Q. You talked about load factor.
20	Do you know what the average load factor is
21	for the TS class?
22	A. I don't, off the top of my head.
23	Q. Would 72 percent, subject to check, sound
24	about right?
25	A. Sounds about right.

1 In your surrebuttal, on page 5 I believe it Q. 2 is, you have a table there that shows rate impacts on 3 customers using various levels of dekatherms; is that 4 correct? 5 Α. That's correct. What was the load factor assumed in that 6 Q. table? 7 There was no load factor assumed. 8 Α. Load 9 factor -- when you're talking about load factor, load 10 factor is how a customer uses gas throughout the 11 year. 120. Yes. 13 Α. So if a customer uses gas more evenly 14 throughout the year, say for an industrial process, they'll have a higher load factor. 15 If a customer 16 uses gas more seasonally, they'll have a low load 17 factor. But the TS class, right now, has no cost 18 difference for load factors. There's not a load factor rate or even a load factor provision. 19 It's --20 it wouldn't affect any of these rates. 21 Q. Wasn't this computed with about 33 or 22 35 percent load factor assumed? 23 Α. Load factor has no effect on any of the TS 24 rates. You can be using a high load factor or low 25 factor. If you're talking about demand, that's a

1	different issue. But load factor does not have any
2	bearing on on this table. If I have a high load
3	factor, I'm paying volumetric rates plus an admin fee
4	plus a basic service fee. If I have a low factor,
5	I'm paying the same thing.
6	Q. Let me ask about the demand charge for just
7	a moment.
8	The demand charge increases in your proposal
9	by over 104 percent, \$2.19 to \$4.47 per dekatherm; is
10	that correct?
11	A. Is that due to the stepped increases?
12	Q. Yes. It occurred well, it does occur
13	over the full period of the three-step phase-in.
14	Ultimately, you're at 104 percent or \$4.47; is that
15	correct?
16	A. This table doesn't
17	Q. No, no. I'm sorry. I shifted off the
18	table.
19	A. Okay. So now you're asking about demand
20	Q. Your demand charge increase, what are you
21	proposing?
22	A. Well, there's a significant increase in the
23	demand charge.
24	Q. How much?
25	A. I can look at Exhibit 4 I think it was

1	4.14. This would show what was originally filed.
2	And I will look at page 4 of 5.
3	And that shows I'm looking at line 14,
4	and it looks like the revenues from the demand would
5	increase by 100.9 percent.
6	Q. Okay. And did I understand your testimony
7	to say that you didn't expect price increases on the
8	DNG side to that is, the distribution non-gas side
9	to send signals to customers?
10	A. I think the customers do look at the
11	prices at the DNG prices. I mean, Mr. Swenson
12	mentioned in his testimony that he does look at DNG
13	costs as a price signal.
14	I think when the company is usually looking
15	at DNG, all I'm trying to do is accurate cost
16	allocation. So I'm I want to make sure the
17	customer who is causing the costs is paying for those
18	costs. I think that the price signal the stronger
19	price signal that customers should look at would come
20	through the commodity, and that's what I said in my
21	testimony.
22	Q. But you referenced Mr. Swenson's testimony.
23	He made it pretty clear, did he not, that an
24	increase like that in the demand charge would cause
25	him to look at alternatives?

1	A. That's right.
2	Q. So it is sending a price signal?
3	A. It is to him.
4	Q. Pretty significant one, sounded like?
5	A. It is to him. I'd also point out that
6	Mr. Oliver pointed in his testimony that these
7	customers have not been switching due to DNG savings.
8	They've been switching due to commodity savings.
9	So in that light, I think that those
10	customers, those smaller customers, the ones that
11	we're concerned about here, are the ones that are
12	using commodity as a pricing.
13	Q. Thank you.
14	Now let's talk for just a minute about your
15	step phase-in.
16	A. Okay.
17	Q. So am I looking at this correctly that, with
18	respect to Block 4 of your phase-in, in the initial
19	step, Step 1 for Block 4, it would be about a
20	34 percent reduction?
21	A. Yeah. And that was pointed out I believe
22	Mr. Higgins, in the last Q and A of his testimony,
23	pointed that out as well.
24	This, I believe and I guess just to come
25	clean, I think that we noticed that in the rebuttal

1	model that we were filing. We did make a change, and
2	then somewhere in the process of, I don't know,
3	making other changes, it got undone. And I I'm
4	sure that was me. I think I did some late modeling
5	and probably undid that.
6	But Mr. Higgins' testimony points out that
7	he would propose let me just turn to that so I
8	don't get that wrong, what he said. It was his last
9	question and answer in his surrebuttal.
10	He had some issues with the he had some
11	concerns with the TS rate design that I proposed in
12	rebuttal. So on line 233, he says: "It appears the
13	DEU is attempting to target absolute differentials
14	between the various volumetric blocks. Instead, I
15	recommend scaling each volumetric block rate by an
16	equal percentage increase to minimize the disruption
17	to TS customers."
18	And I agree with what Mr. Higgins said
19	there. I think that it makes sense to scale it to
20	scale those by an equal percentage increase.
21	Q. So your proposal from your surrebuttal has
22	changed?
23	A. I didn't make any changes in my surrebuttal
24	to what I had in rebuttal, so I think that the model
25	that I used in rebuttal is where the problem lied.

1	And then a lot of those rates carried forward into
2	surrebuttal.
3	Q. What I'm asking, though, is it I'm just
4	looking at the fourth block, for instance. There's
5	almost a negative 34 percent drop. And then in
6	Step 2, there's a 38.6 percent increase. And in
7	Step 3 or, I guess, the overall, it's 55.7 at the
8	last block
9	A. Yeah.
10	Q increase?
11	A. Yeah. And I think that as long as rates are
12	collecting the revenue requirement that they're
13	supposed to collect, and I think as long as there's
14	logic to the phased steps, I'm open to a different
15	proposal.
16	Like I said, Mr. Higgins' proposal to scale
17	it by equal percentage increases, I think there's
18	that makes sense.
19	Q. So with respect to the 34 percent reduction,
20	you're not going to do that in the first step in your
21	proposal now?
22	A. Well, to be clear, what's on the record from
23	my rebuttal testimony would have that 34 percent
24	decrease because, like Mr. Higgins points out, we
25	targeted absolute differentials rather than just a

1	scaled volumetric increase. So it still collects the
2	right revenue requirement, it's just a matter of
3	which block does it come in.
4	As long as it's collecting the right revenue
5	requirement, I'm impartial to what it which
6	proposal it is. So what I proposed in rebuttal, if
7	it was replaced with Mr. Higgins' approach, I would
8	be fine with that.
9	Q. Okay. But if we stayed with your approach,
10	the evidence so far in this case is, is that the
11	large users are actually not returning their average
12	return to the system, and the small ones are.
13	A. That's right.
14	Q. But it would be the large ones, in
15	particular, who would take advantage of this fourth
16	block and negative 34 percent.
17	Is that the right price signal to send at
18	this point?
19	A. No. That's why I just said that I would
20	agree to what Mr. Higgins
21	Q. Let me ask you: How long have you been
22	has the company been concerned about the TS class?
23	A. The TS class, as it is known now, has been
24	around since 2008, 2009. And from that time, it has
25	been underpriced. And so the company has been

1 concerned about it since then. I have been doing 2 cost of service and rate design since 2012 and have 3 been consume -- concerned about it. Not consumed by 4 it, but concerned about it since then. And this collaborative process you're 5 ο. proposing, is that going to go in tandem with a 6 three-year moratorium? So we're going to be doing 7 this for three years? 8 I don't want it to take longer than it needs 9 Α. But I think that there is a lot of analysis 10 to take. 11 that needs to be done. And if it takes the full 12three years, I'm committed to do that. 13 Like I said, this is a fundamental change. 14 It's not something that can be done so easy as just saying, "Oh, there was a data request that was based 15 16 on 35,000 dekatherms, having them split, let's go 17 with that, it shows us exactly what we want." It's 18 too early to use that. 19 Now, it does show some information, but it's

not even close to enough information to make a new class of customers using that 35,000 dekatherms. So if it takes time, it takes time. Whatever that process is, I think that we can make some progress on this.

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Q. With respect to your one-time election

1 tariff that you mentioned in your summary, did I 2 understand that it's the Wexpro agreement and Wexpro 3 gas that makes it unique here? 4 Α. Well, what my summary said was we are unique in that we have company-owned production and that we 5 have to plan for that production. 6 There's a cap on how much Wexpro can 7 produce, and so Wexpro needs to know how much -- how 8 9 many firm sales customers there will be so that it 10 can make plans for how much gas to produce. These 11 aren't decisions that can be made on a -- you know, 12on a weekly basis. Once you commit to drilling, the 13 gas comes. So they do need to know in advance how 14 much they can produce. 15 So Wexpro is acting as a drag on the system? ο. 16 I wouldn't say that at all. Not even close Α. 17 to a drag. I think that the Wexpro price -- and it's not a secret to anybody in this room -- Wexpro prices 18 19 are higher than market prices right now. But they 20 are coming down. 21 Wexpro has changed a lot of its processes. 22 And, I mean, we have -- I feel like I'm preaching to 23 the choir here because everybody -- a lot of people 24 from the Division and the Office and the Commission 25 have been part of audits of Wexpro. New properties

1 have been brought forward, new ways of operating and 2 how much money Wexpro can return. Wexpro has done a 3 lot to bring that cost down. 4 But Wexpro has been valuable to customers since its inception. And even last year when the 5 Enbridge Pipeline happened, we would have been paying 6 prices, you know, in the \$15 range if we hadn't had 7 that Wexpro gas, so I wouldn't even come close to 8 9 calling Wexpro a drag on the system. 10 But it -- it -- of the jurisdictions where 0. 11 my client operates, this is the only one that doesn't 12have, say, 60-day notice transferability. So if it 13 isn't Wexpro, then there's something else going on 14 that perhaps isn't as unique as we think it is. Or 15 am -- what am I missing? 16 It's tricky to compare state to state. Α. Ι 17 mean, there's --18 Well, then let's not do it. 0. 19 There's almost a 40-year history of Wexpro. Α. 20 Yes, I'm aware of that. 0. 21 Yeah, you're very aware. You were probably Α. 22 a part of it back then. But -- my point is we do 23 that for a reason. We have to make some of those 24 plans. I don't think that the -- that the timing of 25 when these customers can sign up hasn't prevented

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customers from signing up. I mean, the chart that
I've referred to already shows that we've had
incredible growth in the TS class.
So I don't think that our planning process
is influencing growth in the class. I think that it
could be left right how it is, and customers could
still work with us to make sure that they've got gas
when or that they can be a transportation customer
at that time.
Q. Okay. Thank you. That's all I have.
A. Thank you.
CHAIRMAN LEVAR: Why don't we take a break
right now, and then we'll go to Major Kirk, if you
have any cross-examination. Why don't we come back
at 10:50 by that clock.
(A brief recess was taken.)
CHAIRMAN LEVAR: Okay. I think we'll start.
We'll go to Major Kirk, if you have any
questions for Mr. Summers.
MAJOR KIRK: Chairman, it's Captain Friedman
that will be handling the cross.
CAPTAIN FRIEDMAN: Chairman, it's come to
our attention that the surrebuttal testimony of
Brian Collins may not have made it to the online
docket. It was served on all the parties on the 6th

1	of January. Our paralegal is researching it, but
2	it's been resent to the Commission this morning.
3	CHAIRMAN LEVAR: Okay. I don't have his
4	surrebuttal either, but hopefully we will have it by
5	this afternoon. But that may lead to procedural
б	issues that we'll have to deal with as we get to that
7	point. But, yeah, to my knowledge, the Commission
8	has not received any surrebuttal from Mr. Collins.
9	CAPTAIN FRIEDMAN: Yes. So we're happy to
10	provide a copy now, and then, as I say, we're the
11	electronic was submitted just recently.
12	
13	CROSS-EXAMINATION
14	BY CAPTAIN FRIEDMAN:
15	Q. Good morning, Mr. Summers.
16	A. Good morning.
17	Q. I'd like to direct you to the surrebuttal of
18	Brian Collins, which is Exhibit 4.0SR.
19	A. Okay.
20	Q. Would you agree that the company must
21	designs distribution main capacity to meet the
22	coincident design day's demand of its customer
23	classes?
24	A. I do agree with that.
25	Q. If I can direct you to table 4 in the

1 surrebuttal of Mr. Collins on page 14. 2 Have you had a chance to review this? 3 Α. I have. 4 And column 1 includes the design day demands 0. for each class as utilized in your class cost of 5 service study; correct? 6 I'd have to -- I would have to compare that 7 Α. real quickly, but it looks like that's correct, yes. 8 Okay. And you utilized a 60/40 weighing of 9 ο. 10 the design day and average demand? 11 Α. In my direct testimony, I did use a 60/40 12weighting. That was changed to a 68/32 weighting in 13 my rebuttal. 14 Okav. And column 2 of table 4 includes the 0. allocated gross plant cost of feeder mains for each 15 16 class as a result of your class cost study -- service 17 study using 60/40; right? 18 Again, I'd have to compare, but it Α. Yeah. 19 looks like that's accurate. 20 0. Column 3 of table 4 shows the gross Okay. 21 plant cost for feeder mains divided by the respective 22 class design day demand; correct? 23 Α. Correct. 24 0. Okay. And column 5 indicates the system 25 average gross plant cost for feeder mains is showing

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1	a \$709 per unit of design day capacity?
2	A. I believe that's what it shows, yes.
3	Q. Going to column 3 for the GS class, it shows
4	a \$652 per unit of design day capacity; correct?
5	A. Yeah. I'm still trying to figure out what
б	the differences are here. So I'm looking at column 2
7	as a "P&A allocation of costs," so that's remind
8	me what you're referring to as "P&A"?
9	Q. I'm looking at column 3, "P&A capacity per
10	unit cost."
11	A. Right. And what does "P&A" stand for?
12	Q. Peak and average.
13	A. Okay. Peak and average.
14	Q. And it's showing as \$652 per unit for the GS
15	class.
16	A. That's correct.
17	Q. And for the TS class, it's showing a unit
18	cost of \$1,064.
19	A. That's correct.
20	Q. So it's roughly double.
21	A. Yes. If you're looking at it on a per
22	dekatherm basis like this, yes.
23	Q. The company incurs the same cost per unit
24	regardless of class?
25	A. That's true. I think what we're trying to

1	do is here is we're trying to determine which class
2	is using the cost.
3	Q. Okay.
4	A. So that's why that's allocated that's why
5	it's allocated.
6	Q. But it's the same product. It's a unit.
7	And one group is paying double the other group.
8	A. One group is being allocated more per
9	dekatherm.
10	Q. Okay. Just to put this in simpler terms, it
11	would be like two people walking into a barbershop,
12	asking for the same type of haircut, one paying 20
13	bucks and one paying 10 bucks; right?
14	A. Well, the difference is that I've got the
15	GS class is paying for \$753 million of costs, and the
16	TS class is only paying 223 million. So, I mean
17	but that's how allocations work in different classes.
18	You're trying to figure out who should be responsible
19	for that cost and allocating that. If that's how it
20	works out on a per dekatherm basis, then I think
21	that's reasonable.
22	Q. Okay. So the customer who's paying the
23	20 bucks for the haircut in this hypothetical is
24	basically subsidizing the customer that's paying
25	10 bucks?

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	-
1	A. I don't know that I can make a these
2	aren't two different these aren't like two
3	different people, right? I'm dealing with a million
4	customers versus with completely different usage
5	patterns and completely different uses of the system
6	as compared to a thousand customers that are using
7	the system. I mean, it I can't make that
8	comparison with the haircuts.
9	Q. But under column 5 on table 4, under the
10	design day demand capacity, all classes are allocated
11	the same cost per unit, \$709; correct?
12	A. Yes. And is that Mr. Collins' calculations?
13	Is that his proposal, that each customer that they
14	each be allocated the same amount?
15	Q. Yes, sir, it is.
16	A. Okay. So yes, that's what his column 5
17	shows.
18	Q. If I can direct you to table 5?
19	A. That's on page 17?
20	Q. Page 17, yes.
21	A. Okay.
22	Q. If we go to column 7, the GS class needs
23	80.2 percent of the system design day demand capacity
24	to meet its expected design day demand; correct?
25	A. If you'll give me just a moment to look over

1 table 5 --2 0. Sure. 3 Α. -- just to see what it's calculating. 4 So column 1 is the design day capacity. And again, that looks like taken that from the 5 6 company's... Column 2 looks the same as your column 7. 7 Yes, it looks like 80.2 percent of the costs 8 9 are being allocated to the GS class. 10 0. But if we look to column 4 for the 11 percentage of system capacity, we see it's 1273.7 percent. 13 Α. That's right. 14 MR. RUSSELL: Mr. Chairman, I hate to 15 interrupt. I'm getting some information that the 16 audio feed may not have restarted yet. 17 CHAIRMAN LEVAR: And I'm just getting that 18 same information too. 19 Do we have the streaming up and running? 20 COURT CLERK: Yeah, it's not working. We're 21 not getting any data. 22 CHAIRMAN LEVAR: Why don't we take a 23 five-minute recess and then come back. It sounds 24 like there are some people who are relying on that, 25 so hopefully we can resolve this in five minutes. Τf

not, we'll take a little bit longer.

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I apologize for interrupting the
cross-examination.
(A brief recess was taken.)
CHAIRMAN LEVAR: Why don't we go back on the
record.
And before I go back to Captain Friedman, I
just want you to know that the three of us don't have
these exhibits from Mr. Collins' surrebuttal that
you're referring to, so we don't have it in front of
us as you're referring to this. We haven't had it or
read it or had it available to us, so if you're
okay so that puts us at a disadvantage as we're
following your cross-examination.
MR. SNARR: Copies are being produced that
we might share with you momentarily.
CHAIRMAN LEVAR: Well, do parties prefer a
little bit more delay? It'll be it's difficult
for us to follow you cross-examination without this
in front of us, and we haven't received it yet.
Do we need another five minutes, then?
More? More than that? Or we have
MR. SNARR: Courtesy copy for the
commissioners.
CHAIRMAN LEVAR: Captain Friedman, you may
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1	continue with your cross-examination. I apologize
2	for the interruption. I don't know the cause of
3	our the cause of our streaming problem, but I
4	apologize for interrupting your flow of the
5	questions.
б	CAPTAIN FRIEDMAN: No problem. Thank you,
7	Chairman.
8	BY CAPTAIN FRIEDMAN:
9	Q. Mr. Summers, when we left off, it was
10	table 4 that we were discussing. And we were looking
11	at column 5.
12	A. I thought we were at table 5. Are we on
13	table 4?
14	Q. Just wanted to back up for a moment.
15	A. Okay.
16	Q. And it was table 4, which is on page 14.
17	A. Okay.
18	Q. And I was pointing out that under the
19	"Design Day Capacity Per Unit," there's the the
20	per unit cost is the same per class.
21	Would you agree with that?
22	A. As it was calculated by Mr. Collins, that's
23	right.
24	Q. Okay. Thank you.
25	Now, if I could please direct you to

1	table 5?
2	A. Okay.
3	Q. We were discussing the column 7 for the GS
4	class shows an 80.2 percent for the percentage of
5	system capacity.
6	A. That's correct.
7	Q. And column 4 shows a 73.7 percent for the
8	percentage of system capacity under the "Peak and
9	Average Allocation."
10	A. Right. Now, if I'm looking at this right,
11	though, column 7 is the company's proposal and
12	column 4 is Mr. Collins' proposal?
13	Is that am I reading this correctly?
14	Q. Yes, that is correct.
15	A. Okay. Yes, so then that would be right.
16	So the company's proposal, which I believe
17	is duplicated in column 2, is 80.2 percent for the GS
18	class, and the and Mr. Collins' proposal is
19	73.7 percent.
20	Q. Yes. No. It's the other way around.
21	A. If you give me just a moment, I'm going to
22	look at my original exhibit that covered the design
23	day just to verify what I'm looking at. If you give
24	me a moment, I'll tell you which exhibit I'm going to
25	look at.

б

So I'm looking at DEU Exhibit 4.05, which
shows that 80.2 percent of the design day costs are
allocated to the GS class.
Q. Yes.
A. So yeah, the company's position would be in
columns 2 and 7. And then I would it looks like
the Mr. Collins' proposal would be in column 4.
Q. So what I'm pointing out is that the
difference between these two numbers shows that the
GS implied capacity available for the class on the
peak day is actually less than the capacity needed to
meet the GS design day demand; is that accurate?
A. I'm sorry. Will you repeat that so I can
make sure that I can
Q. That the GS implied capacity available is
less than the capacity actually needed on the design
day demand?
A. According that would be according to
Mr. Collins' proposal.
Q. Right.
A. That's what he shows. I wouldn't say that I
agree with that, but that's what his proposal shows.
My allocation factor uses a 68/32 weighting
and would give it a different result.
Q. And moving to the TS class on table 5, I

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1	want to go through the same brief exercise.
2	We see a 21.9 percent percentage of system
3	capacity under peak and average.
4	And then under the "Design Day, Percentage
5	of System Capacity," column 7, we see a 14.6 percent.
6	A. That's what I see.
7	Q. And that actually shows that there would be
8	too much capacity available compared to the design
9	day demand; is that accurate?
10	A. That's what Mr. Collins has tried to show
11	with his exhibit, yes.
12	Like I say, my I don't agree with how
13	with his allocation factor. But I think that I've
14	supported my proposal. I'm not going to support his
15	exhibit.
16	Q. Okay. I'd like to direct you to table 3 on
17	page 11, please.
18	A. Okay.
19	Q. Has Mr. Collins summarized the customer
20	accounts and design day demands correctly, to your
21	understanding?
22	A. The customer accounts look accurate, and the
23	design day demand yeah, that looks right, as far
24	as columns 1, 2, and 3.
25	Q. If I could direct you to column 6 for the GS

1 class, for revenue as percentage of system, it shows 2 17 percent for the GS class. 3 Do you see that? 4 Α. Yes. But moving over to column 4, the GS class is 5 ο. responsible for 80.2 percent of the system design day 6 demand. 7 You're comparing different things 8 Α. Yeah. here, though. Because the -- their demand isn't 9 10 really related to the number of customers or the 11 percentage of revenue. 12So I -- again, this wasn't my exhibit. I'm 13 not going to say that it's a better analysis because 14 I believe that the information that I put out there for all of my cost for service allocators is 15 16 accurate. But the number of customers and their 17 percentage of revenue really isn't related to how 18 this allocation factor should happen. 19 But this class is -- does contain Okay. ο. 20 99.8 percent of the customers, GS class? 21 Α. That's true, it does. 22 Which amounts to 80.2 percent of the design 0. 23 day demand? 24 Α. That's right. 25 Q. But this class is only responsible for

1 17 percent of the revenue? 2 Α. Of the revenue increase? Is that what 3 column 6 is... 4 0. Yes. I think we're talking past each other 5 Α. Yeah. here a little bit. And maybe I can clarify this by 6 using an example of two people going to get a 7 haircut, but -- I know. That was supposed to get 8 9 laughs, but -- but the two people that go in to the 10 haircut aren't the same person. If I go into the 11 haircut place and my wife goes into the haircut 12place, we're both going to be looking for different 13 things, okay? My haircut should be free. It's that 14 qood. 15 COMMISSIONER CLARK: Mr. Summers, I was 16 going to say, I don't think you and I should be doing 17 haircuts at all. It's all I've got. 18 Whereas if my wife goes in, THE WITNESS: 19 she's going to be getting different services. Now, 20 we're two people, so it's fair to look at it and say 21 we are two people and we should be treated fairly. 22 But we're both going to be using the haircut place --23 I don't know where she goes to get her hair done, but 24 we're going to be using different services, and so I 25 think it's fair for both of those people to be paying

1	a cost that is fair to them.
2	BY CAPTAIN FRIEDMAN:
3	Q. Okay. And going back to table 3, the TS
4	class, just the same analysis we went through a
5	moment ago with the GS class.
6	This class amounts to .1 percent of the
7	customers, but yet it's responsible for a much higher
8	percent of the increase, 64 percent; is that what the
9	table shows?
10	A. That appears to be what his table shows.
11	Q. Just wanted to go back. You testified about
12	the moratorium, and I just want to get a little more
13	information about that.
14	The concern you have that customers may
15	migrate from the GS class to the TS class, can you
16	explain that?
17	A. Yeah. So the concern is that we've
18	learned a lot of information in this case. When we
19	filed it, as Mr. Mecham pointed out, the narrative
20	has changed a little bit. We originally said that
21	small customers were causing all the problems in the
22	TS class, and that narrative has changed.
23	And so what we've proposed is that as we do
24	the analysis going forward, that's going to take some
25	time, and it's going to take a lot of data gathering,

and it's going to take a lot of analysis. 1 The point 2 of the moratorium is to stabilize the TS class so 3 that the customers that are there now are the 4 customers that we can use for the analysis. And then moving forward, we'll set a rate 5 and we'll take the moratorium off so that it's --6 we'll set an accurate rate for all the customers and 7 take the moratorium off. But we need to have a 8 9 stable set of data. And so that's what the point of 10 the moratorium is. 11 So you're trying to accomplish that by Q. 12preventing the GS customers from moving into the TS 13 customers -- the TS class. 14 Α. It's the GS and the FS classes. We've had customers from both of those classes, the general 15 16 service and the firm sales. Both of those -- we've 17 had customers from both of those classes moving to 18 the TS class. 19 And this allows you to keep the TS group ο. 20 stable enough that you can do a further study? 21 Α. That's correct. 22 But there's nothing that's preventing 0. 23 customers from leaving the TS class? 24 Α. No, there's not. 25 So they may leave and you may not be able to Q.

1	do your study in an accurate way?
2	A. Well and I think I pointed that out
3	earlier, that if the growth that has happened in the
4	TS class were to continue, I would expect, you know,
5	that's before the next rate case, you're going to
6	have 150 customers per year moving into the TS class.
7	So 450 new customers, that's an increase of almost
8	that's almost a 50 percent increase,
9	40-some-odd percent increase. That makes a pretty
10	big difference.
11	Now, as far as customers that leave, I don't
12	know that it's going to be 450 customers leaving the
13	class. The reason I say that is because we're
14	gradually changing the rates. We've agreed to go
15	gradually. So you might have customers I think
16	you'll have customers that are constantly looking at
17	it every year saying, "Making an economic decision,
18	should I leave now? Can I still stay in the TS class
19	and save money, or should I leave?"
20	And so I think that you might have again,
21	I'm throwing out a number here, but if you had
22	50 customers leave out of 1,000, it wouldn't be as
23	big of a deal as adding 450, 500 customers.
24	Q. But the rate increases to the TS class, the
25	higher they get could very well push customers out?

I think each customer will be different, but 1 Α. 2 I would imagine that could be the case. It also 3 depends on what market prices are doing. 4 0. And rather than just leaving the TS class to go to another class, they could leave the system 5 altogether? 6 Well, I don't know where they would go. 7 Α. Ι mean, if we're assuming that they're going to get 8 9 natural gas service, I think they would be on our 10 There are some customers that are in the -system. 11 that could bypass us. If those customers are close 12 enough to a -- an intrastate pipeline, such as Kern 13 River or Dominion Energy Questar Pipeline, a customer 14 that's close enough and the economics were right for 15 them, that customer could bypass us and build their 16 own line. 17 We do have a rate, the TBF rate, that if everything is working right and the rates are set 18 19 right, customers would probably go to that rate. 20 It's a subsidized rate. And so I think customers, if 21 they were to leave and they did have that option to 22 bypass, they would probably go to that bypass rate. 23 Otherwise, I think they would stay on our system in 24 one way or another.

25

Q. And just finally, in conclusion, back to my

1	haircut analogy, one of the customers that is being
2	asked to pay the \$20 haircut, not the \$10 haircut, is
3	the FEA, including Hill Air Force Base; is that your
4	understanding?
5	A. That's correct.
6	Q. And this money that is being paid by Hill
7	Air Force Base is O&M dollars that impact the mission
8	directly at that base; is that your understanding?
9	A. I believe yeah, I think every customer
10	has an operating budget that they have to adhere to.
11	Q. Nothing further. Thank you.
12	CHAIRMAN LEVAR: Okay. Thank you.
13	Any redirect from Dominion?
14	MR. SABIN: Yes, please.
15	
16	REDIRECT EXAMINATION
17	BY MR. SABIN:
18	Q. Mr. Summers, I'm going to try and take these
19	in the order in which you were asked them.
20	A. Okay.
21	Q. I want to start with interruptible customers
22	for just a moment.
23	You have a tariff in place that governs the
24	penalties that are charged to interruptible customers
25	that do not interrupt; isn't that true?

1	A. That's true.
2	Q. Subject to check, would you agree with me
3	that that penalty is twofold: One, it requires
4	interruptible customers to pay \$40 per dekatherm as a
5	penalty for all interruptible volumes that they
6	utilize during the interruption period?
7	A. That is correct.
8	Q. As well as a prohibition for them being an
9	interruptible customer for three years thereafter?
10	In other words, they have to move over to be a firm
11	customer for three years?
12	A. That's right.
13	Q. The penalties that are paid by those
14	interruptible customers for failing to interrupt,
15	where does that money for those penalties go?
16	A. The penalty money goes back to customers.
17	It's treated as a credit in the infrastructure
18	tracker, so it goes back to all customers.
19	Q. So is it true that to the extent
20	interruptible customers have used the system during
21	interruption when they shouldn't have, that is the
22	system being fully compensated for that their
23	failure to interrupt?
24	A. Yes. I think that the other customers
25	probably benefit more than if they were just paying a

1	rate, because those penalties are steep.
2	Q. Okay. I'm going to shift now to the
3	moratorium issue.
4	A. Okay.
5	Q. I think you've pointed out a chart in your
6	direct testimony that talks about the migration
7	that's been going on since really since 2008 until
8	now, from the GS class into the TS class.
9	Do you know what I'm talking about?
10	A. I do. That's the chart on page 22.
11	Q. So up until now, without a moratorium, how
12	would you characterize what has been going on during
13	that period of time?
14	A. I think the just based on that chart,
15	growth has been consistent every year. There are new
16	customers that switch from a from a sales class to
17	transportation.
18	Q. From a percentage growth standpoint, how
19	would you characterize the change?
20	A. The percentage growth well, let's turn to
21	the chart.
22	Q. Do you refer to the
23	A. That's page 22.
24	Am I allowed to use a calculator?
25	Q. Yes, you absolutely are.

Just pick a year at random, just 2015 to 1 Α. 2 2016. That's a 28 percent growth rate, and it looks 3 like it's been consistent right in that same range 4 each year. And without a moratorium, what would 5 ο. Okay. you expect would continue to happen in the next year 6 or two or three until your next rate case? 7 I think that I don't have any reason to 8 Α. believe that that growth would stop, but I think that 9 10 the growth would be consistent, easily adding 11 150 customers to the TS class every year. 12And if that growth continues at that pace or 0. 13 some pace similar to that, how would that -- how does 14 that impact your ability to accurately set rates and 15 accurately design rates? 16 Α. That's a fun question because I think that 17 the way that I envision this collaborative process 18 going forward is that the parties that want to be 19 involved in that, we need to gather a set of data, 20 and we would have to use that data to do all of this 21 analysis. 22 So say we take -- I don't know if we want to 23 use the 2018 data that we've already got for this 24 rate case and we use that for cost of service studies

25

and everything or if we gather new data for 2019, but

1	we get a set of information, and we use that to do
2	all this analysis, do all of the rate design, do all
3	the comparisons that we need to do. Then in the next
4	rate case, we've got new rates, a home for every
5	customer to go to.
6	But what would happen if we keep getting
7	this growth is that that analysis, by the time we get
8	there, could completely change. You might get a
9	completely you know, 50 percent growth in the
10	class would easily impact that analysis that's
11	already been done.
12	Q. Resulting in incorrect rates at that point?
13	A. That's correct.
14	Q. Some in this proceeding have argued that
15	the and you've heard a couple of questions just a
16	moment ago about some, the TS class for example,
17	experiencing a larger increase in your proposed rate
18	design than other classes.
19	Why is it that the TS class is being asked
20	to pay more in this round than they have in the past?
21	A. Well, the TS class is simply being moved to
22	full cost. So the I think that's the basic answer
23	to the question, is that those customers have been
24	underpaying for a long time, and now that we're
25	asking them to pay full cost rates, it's a bigger

1	increase to those customers.
2	Q. So in other words, the reason there's a
3	larger increase is because they've been being
4	subsidized by the GS customers up till now?
5	A. That is correct.
6	Q. And you're correcting for that your
7	proposal seeks to correct that subsidization?
8	A. That's right.
9	Q. Okay. I'd like to shift now to the NGV rate
10	quickly.
11	A. Okay.
12	Q. If you were to adopt Mr. Daniel's NGV rate
13	approach, what would happen to the NGV rates?
14	A. I put in rebuttal some exact costs, but in
15	my rebuttal testimony, I was calculating a rate of
16	around \$8. And if we used Mr. Daniel's approach, it
17	would increase that rate to around \$12 per dekatherm.
18	That's a 50 percent increase to that rate. And
19	that's significant, particularly considering that
20	rate that volumes in the NGV class have been
21	declining. If this is basic economics, but if
22	price is going up and the demand is going down, it's
23	not a sustainable rate.
24	Q. Final question on the NGV rate: For
25	purposes of allocating costs to the NGV rate to

1	establish the proposed NGV rate, did you use the same	
2	allocations that have previously been used by the	
3	company?	
4	A. Yes.	
5	Q. So you're not proposing any change to those.	
6	You're using the same allocation methodology you've	
7	used in prior rate cases?	
8	A. That's correct.	
9	Q. So isn't it true Mr. Daniel's approach is	
10	the one that's asking to change the allocation?	
11	A. That's right.	
12	Q. I'd like you to now, if you could, turn to	
13	2.01R. That's a document that you were asked about	
14	by Mr. Mecham.	
15	A. Okay. So we're looking at Oliver's 2.01R?	
16	Q. Yes. Correct.	
17	A. I just flipped past that earlier, and now	
18	it's okay. I'm at 2.01R.	
19	Q. So there has been a lot of discussion from	
20	or questions from other parties asking you about the	
21	data requests that led to this document being	
22	created. And it specifically, the statement was	
23	made that this shows that the TS customers are paying	
24	their full cost of service.	
25	What I'd like to know is, the data used to	

create this, this data response, was it data from the 1 2 prior rates that have been existing till now, or was 3 it data used for the rates that would be applied 4 going forward? 5 Α. Yeah, the return on rate base, those highlighted numbers towards the bottom, those were 6 calculated using the existing rates. So that is 7 using revenue from the existing rates. 8 One thing that is definitely changing right 9 10 now is the decrease in the administrative charge. So 11 if you were to put that into the mix and, you know, 12reduce that revenue also, that's going to make a --13 that's going to reduce that return. 14 And that would impact, would it not, the 0. return numbers that Mr. Mecham was referring to where 15 16 he was saying that small customers are -- would 17 return 9.11 percent? 18 That's right. It would -- that number would Α. 19 come down. 20 Okay. And do you know what that number 0. would be? 21 22 Α. I did a back-of-the-envelope calculation 23 including that -- just that one change, and that 24 return came down so it was closer to the actual 25 return on rate base. It made a significant decrease

1 in that amount. 2 That's just the administrative charge ο. 3 change? 4 Α. That's just the administrative charge 5 change. And if you factored in the other rate 6 Q. modifications you're proposing, that would also have 7 an impact on that return? 8 9 If -- and we are increasing rates a Α. Yeah. 10 little bit, so that would definitely have an impact. 11 So as we sit here today, do we -- we don't 0. 12know, I take it, that -- whether these small TS 13 customers would be paying their full freight or not? 14 Α. No. 15 ο. Okay. And that analysis, as far as you 16 know, has that been done? 17 Α. No. Is that the kind of analysis you 18 Okav. Ο. 19 would propose doing after your Step 1 and 2 have been 20 done? 21 That's exactly the kind of analysis that I Α. 22 think needs to be done, yeah. 23 All right. While we're sticking on 2.01R, 0. 24 this shows that there's some bypass customers that 25 are -- that switched to the TS class that are

1 factored in here? 2 Α. Those customers are part of the TS large 3 class. 4 Would you just describe -- these are the 0. bypass customers you were just talking about? 5 6 Α. That's right. And do you have any anticipation of what 7 Q. those bypass customers might do after this rate case? 8 9 I think all along, the point is if rates are Α. 10 set correctly and everybody's covering their costs 11 and rates are designed right, then I think that a 12 customer would naturally migrate to the right class. 13 So if there are customers that qualify for 14 the bypass rate and the bypass rate is set at a cost 15 that is beneficial to them, I think that they would 16 leave the TS class and move to the bypass rate. 17 Q. So which class is the bypass rate? 18 That is the TBF rate. Α. 19 Would you expect those bypass customers, ο. 20 following this proceeding, to move to that -- back to 21 the TBF class? 22 I think that by the time rates are at full Α. 23 cost, I could see that they would move. 24 0. And what would that do to the calculations 25 performed in this Exhibit 2.01R?

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 change the allocation on the TS large class. So I'm not exactly sure there's, you know, a thousand different moving pieces, but I think that I think that it would probably improve the TBF class. I'm not exactly sure about the impact on the large. Q. Suffice it to say, it would impact the calculations to some extent? A. Absolutely. Q. And do we have any calculation that would show what that impact would be? A. No. Q. Okay. Is that something that would become available to you after this rate case and after rates are stabilized? A. Yeah, I think that that's analysis that could be done and should be done. Q. Okay. Mr. Mecham asked you about the load factor of the TS class, and he I think he if I have this right, I think he indicated that the collective load factor of that class was somewhere in the range of 70 percent? 	1	A. It would take costs out of it would
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20 have this right, I think he indicated that the 21 collective load factor of that class was somewhere in 22 the range of 70 percent?	18	Q. Okay. Mr. Mecham asked you about the load
21 collective load factor of that class was somewhere in 22 the range of 70 percent?	19	factor of the TS class, and he I think he if I
22 the range of 70 percent?	20	have this right, I think he indicated that the
	21	collective load factor of that class was somewhere in
	22	the range of 70 percent?
A. That's correct.	23	A. That's correct.
24 Q. Do you recall that?	24	Q. Do you recall that?
25 You indicated that the small these small	25	You indicated that the small these small

TS customers are comprised of things like hospitals and schools, et cetera. have a high -- a high load factor? Α. No. Any customer that's using the natural Not anywhere near 70. And where would that line up relative to, 0. let's say, residential customers? Α. Residential customers typically come in around 22. So is it a fair statement that the small TS 0. closer in the load factor they have to residential customers than they are to the large TS customers? Absolutely. Α. Subject to check, would you agree that the ο. large TS customers' load factor hovers above 90 percent? Α. Yes, that seems reasonable. So that -- would you agree with me that Q. that's a big difference between the small TS

Are those the types of customers that would

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gas primarily for heat would have a low factor, so -a low load factor. So a customer like a school would probably have a load factor that's closer to 23, 24.

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customers that Mr. Mecham was asking about are much

25 customers and the large TS customers in the -- from

1	the context of the load factor they have?
2	A. Yes.
3	Q. Do you think that's a reason to distinguish
4	between the two of them?
5	A. Absolutely.
6	Q. I want to talk just briefly about the
7	Mr. Mecham asked you some questions about the reason
8	there's this sign-up window with for customers to
9	sign up to the TS class.
10	Do you remember those questions?
11	A. Yes.
12	Q. Could you just reiterate what is the
13	planning that you have to do as a company for the
14	year that you that you have to do from a gas
15	purchasing standpoint that you were trying to
16	explain? Could you just lay that out?
17	A. Yeah. From a gas purchasing standpoint, the
18	gas supply group will come to the rates department,
19	they will get our forecast of what firm sales will
20	be. We have personnel that forecast the that
21	demand. They then use that and they will go they
22	have a model that they will run to determine how much
23	gas should be contracted, how much should be
24	different contracts. And they will also determine
25	how much should be purchased based on spot prices,

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1	how much of it should come from Wexpro, those kinds	
2	of factors. And then that is the that's what	
3	we're using to contract the gas.	
4	Q. So if you enter into contracts and if you	
5	decide from Wexpro's standpoint what you're going to	
6	drill that year, and then you have a significant	
7	departure of TS customers to the TS class, what	
8	happens to the costs of those contracts and that	
9	drilling that would have been paid by the TS	
10	customers who have just left?	
11	A. It would remain in the sales customers. It	
12	will be paid for by the sales customers.	
13	Q. So if the TS customers leave, the GS	
14	customers are left to pay the bill their portion	
15	of what the TS what was being planned for those TS	
16	customers?	
17	A. That's correct.	
18	Q. Okay. By contrast, if the commodity rate	
19	increases and they were able to jump right back into	
20	the GS class, what impact would that have on the GS	
21	class in that scenario?	
22	A. I think they would be well, those	
23	customers that are switching back are taking	
24	advantage of a free hedge, is basically what they're	
25	doing. But those customers would then be	

1 contributing to the costs. 2 That's all I have. 0. Thank you very much. 3 CHAIRMAN LEVAR: Thank you. Mr. Jetter, do you have any recross? 4 5 MR. JETTER: I do not. Thank you. б CHAIRMAN LEVAR: Mr. Snarr? 7 MR. SNARR: No. 8 CHAIRMAN LEVAR: Thank you. 9 Mr. Russell? 10 MR. RUSSELL: No, thank you. 11 CHAIRMAN LEVAR: Mr. Mecham? 12MR. MECHAM: I have a couple. Thank you. 13 14 **RECROSS-EXAMINATION** 15 BY MR. MECHAM: 16 So Mr. Summers, you refer to the chart on 0. 17 page 22 of your testimony showing the growth of TS 18 customers. 19 What's been the percentage growth in the TS 20 class throughput? 21 It's not shown on that chart. Α. 22 No, I know it's not, but I -- how much 0. 23 difference does that make? 24 Α. From a throughput basis, they are not nearly 25 as biq.

1	Actually, hold on.	
2	Q. It's comparatively small, is it not?	
3	A. No. In fact, if you look at that chart on	
4	page 22, the fact that that red line, the average	
5	dekatherms per customer, the fact that it keeps going	
6	down every year shows that they're as they're	
7	coming on, they are smaller customers. They don't	
8	have a very high usage.	
9	Q. So the throughput percentage doesn't come	
10	anywhere close to the increase in the number of	
11	customers?	
12	A. That's correct.	
13	Q. Okay. And what's been the percentage growth	
14	in the TS demands?	
15	A. In the TS demand cost?	
16	Q. Yeah.	
17	A. I think that we talked earlier and looked at	
18	DEU Exhibit 4.14 and showed that it was almost a	
19	100 percent increase in the demand charge.	
20	But as far as the increase to demand, I	
21	don't have that.	
22	Q. Would it be relatively small, given the kind	
23	of customers?	
24	A. That seems	
25	Q. Sorry.	

1	A. I think that seems reasonable.			
2	Q. Okay. And then Mr. Sabin talked about the			
3	fact that ANGC Exhibit 2.01R reflects existing rates,			
4	true enough?			
5	A. That's correct.			
6	Q. And obviously we agree that you proposed to			
7	bring the administrative charge down, but as you			
8	point out, there's also an increase to those			
9	customers.			
10	So you really don't know what that number			
11	is?			
12	A. That's correct.			
13	Q. Conceivably, it's well, we won't go			
14	there.			
15	Let me ask about the planning that you			
16	listed or enumerated and explained the way the			
17	one-time window is essential.			
18	Didn't you describe what every other company			
19	does, including Dominion, with the exception of			
20	Wexpro?			
21	A. That a big exception. I mean, Dominion			
22	when you're looking at other Dominion companies,			
23	there's a big difference between Dominion companies.			
24	For example, Dominion East Ohio is a completely			
25	unbundled company. They all of their customers			

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are transportation customers.

- Q. Well --

A. So they're absolutely going to have a different process than what Dominion Energy Utah is going to have.

6 So we are just saying the one thing that makes Dominion Energy Utah unique, being Wexpro, it's 7 just one thing. It's a big thing. And I think it's 8 9 appropriate to plan so that we can manage those 10 supplies. And again, like I said before, this 11 process that you're proposing to change has not 12prevented people from coming to the class. I just 13 don't see any reason to change it going forward.

Q. Hasn't it worked in other areas, or do you know the answer to that?

A. Well, I'm assuming that it works for other companies.

Q. Okay. And then this -- this analysis that you want to do over a three-year period, why wasn't it done for this case?

A. It's a fair question. And I think that it happens in every rate case that you look at, that you wish that you had just originally analyzed the final result and filed that. But we did do a lot of analysis over the last three years. But as -- with

the class constantly changing, by the time we got to 2019, everything that I had proposed in 2016 just didn't work. It just -- we got to the point in preparing this case where we said, "We've got to back away from what we proposed in 2016. The class has changed so much that it no longer works."

What I need to do now is fix the things that 7 I can right now, and that's why I did the three-step 8 approach, saying, "Let's -- we know need to get the 9 10 class to full cost. That's going to fix a part of 11 the problem. Let's also stop the growth in the 12That's going to be another part of the class. 13 problem. And then that gives us the chance to really 14 look at rate design in 2019."

15 It's -- I was actually thinking about this 16 just yesterday, and I was thinking, "You know, it's 17 easy to Monday morning quarterback it and say, 'You 18 should have looked at this all along.'" But we 19 didn't see it. If I had, I'm sure I would have 20 proposed it. But we need to -- I think we need the 21 time now to make sure that it's done right.

Q. But by not planning, doesn't that penalize
those that would move to the TS class?

In other words, it could have been done,
there would have been no moratorium, now we've got

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1	this in front of us.
2	A. I would like nothing more than to have had
3	this fixed in this case. I really would. But it's
4	not ready. I've already talked about that at length.
5	There's one proposal out there that was
6	based on a 35,000 dekatherm split. I'm not convinced
7	that A, it should be split by size, or B, that it
8	should be split at 35,000 if it is based on size.
9	I think that we need to look at I think
10	the demand, the way the customers use the system, I
11	think those are more important things to look at. It
12	could be that you just have a firm transportation
13	class moving forward, and it doesn't matter what size
14	the customer is on.
15	If they're using if they have a low load
16	factor and they're using the system seasonally, maybe
17	it makes sense for them to have a, you know,
18	summer/winter differential instead of a firm demand
19	charge. We would just treat them as firm customers.
20	I'm talking ideas here, but there's a lot of
21	analysis that still needs to be done. And so if I
22	could, you know, go back in time, knowing what I know
23	now, things might be different. But that's the point
24	of a rate case, is to put the ideas out there. Get
25	the ideas. I think that all of the parties have put

out good proposals or good information, good ideas 1 2 that we can use. And going forward, we'll use that. 3 0. One last question. 4 If you're not convinced that the 35,000 dekatherm level is the right split, why is the 5 6 moratorium based on that? The 35,000 dekatherm, it's kind of an 7 Α. interesting history. Because when we proposed 8 9 35,000 dekatherms, it was originally to be a floor 10 for the TS class. You had to have minimum usage 11 above 35,000 to be even considered in the class, 12 right? So that's where we proposed it, and that was 13 based on mostly us looking back in history and 14 saying, in 2010, that's kind of where customer usage 15 was at, right? 16 So we're saying that's where it's at. Let's make that the floor. I realize that's not a really 17 18 quantitative analysis, but we're saying that will get 19 us the objective that we need. That will help 20 stabilize the class. 21 So that's how 35,000 started. And then in 22 the direct testimony of -- I think it was Mr. Higgins 23 proposed that it be a moratorium rather than a floor, 24 and so we agreed to the 35,000. Then that 25 35,000 dekatherm amount was used for discovery to

1	calculate that data request for lack of any other
2	place to split the class. So that was just their way
3	of saying, "Let's do the break there."
4	And so it's kind of what started out as one
5	thing has morphed into other things. And so no
6	analysis has really been done to say if
7	35,000 dekatherms is the best place to split the
8	class.
9	Q. You talk about stabilizing the class, but
10	doesn't it pretty much end the class as far as new
11	customers are concerned? It's over?
12	A. It's not over. It's a temporary moratorium.
13	For three years, I'm saying I need to slow that
14	growth. I can't do an analysis every year based on
15	what customers have been added to the class. It's
16	it can't be done.
17	We'll be in the same position again next
18	time. We'll have data from the 2019 case that we'll
19	all have looked at, we've all done it, but then by
20	the time I get to 2022, it comes time to put together
21	rates, I'm going to have completely new information
22	to deal with.
23	Q. Thank you. I have nothing further.
24	CHAIRMAN LEVAR: Are you you want to
25	oh, sorry. I haven't got to Captain Friedman yet.

1 Sorry. 2 CAPTAIN FRIEDMAN: No follow-up, Chair. 3 CHAIRMAN LEVAR: Okay. Were you wanting to 4 do --MR. SABIN: Can I ask just one question? 5 б 7 FURTHER REDIRECT EXAMINATION BY MR. SABIN: 8 9 As it relates to the moratorium, are you ο. 10 seeing substantial growth in small TS customers or 11 the large TS customers? 12It is the small. Α. 13 So the moratorium, as you're proposing it, Q. 14 would temporarily stay the flow of that large group 15 that is causing the problem and making it so you 16 can't do the data? 17 Α. Right. 18 No further questions. 0. 19 CHAIRMAN LEVAR: Does anyone have any 20 follow-up to that? 21 Commissioner Clark, do you have any Okay. 22 questions? 23 COMMISSIONER CLARK: Thanks. 24 25 111

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CROSS-EXAMINATION

BY COMMISSIONER CLARK:

Q. Sticking with page 22, for a moment, of your direct testimony, Mr. Summers, at line 575, I see the sentence that we've been discussing: "Since rates were set below cost, there was still an incentive for customers to switch from sales classes to the TS class."

9 Hypothetically, if in this proceeding the 10 Commission orders a path toward and a path that 11 results in full cost allocation, one of the step 12 processes that has been proposed, is it your 13 testimony that that action won't dampen the trend 14 that you're seeing, dampen the percentage of growth 15 that you're seeing in this?

16 Α. I think it would probably have a -- some 17 impact. If it were an immediate impact, you know, 18 if -- if the rates were to jump to full cost in March 19 of this year, I think that would have a -- you know, 20 more of an impact on how many customers would join 21 the class. But I -- if you're doing the gradual 22 approach, I think that that effect is diminished at 23 least somewhat.

24 Q. Thank you. Separate to a different issue 25 now, but still principally with regard to the TS class.

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With respect to administrative charges, is there studies that you performed regarding customer representative time and how it's devoted to customers that have significantly different throughput rates? Is there -- do you have any analytical or quantification of that difference?

A. We don't have any quantification. The big cost that goes into the administrative charge is for customer support, basically, right? So you've got the account reps that work with these customers.

When I talked with them -- and like I said, this isn't a quantitative analysis, but just said, "Where do you spend your time? Are you spending your time on large customers or are you spending it on small customers?"

And they said it's really kind of equal. Right now, there's so many small customers that it takes a lot of time to work with them, whereas the large customers are more sophisticated and I think that they don't take as much time to work with them.

22 Q. So on a per customer basis, there would be a 23 lot of difference, but on a -- if you look at them in 24 the aggregate, placing them into two rough, separate 25 categories of usage, you'd say it's --

1 I'd say it's --Α. 2 It's anecdotal information. It's similar. 0. 3 Α. Yes. 4 And the kind of analysis that you're talking 0. about performing to better understand cost allocation 5 in this class, would that include a more analytical 6 7 approach to customer representative time, for example? 8 In fact -- I hesitate to throw 9 Α. Absolutely. 10 out what just comes through my head, but assuming 11 these customers were sales customers before and they 12 didn't have, you know, an administrative charge, they 13 didn't pay a demand charge, some of these things 14 where their rate design was a lot more simple, it 15 could be that you look at those administrative 16 charges for those customers, and rather than doing an 17 administrative charge, you could lump that into the 18 volumetric rates.

Now, I know that that's been discussed even 19 20 with the ANGC. They proposed that they want the 21 administrative charge to go away altogether. I don't 22 think that that's the best thing right now. I think 23 that the administrative charge collects some costs, 24 some real costs. It is a cost-based charge. And for 25 the customers that the rate was originally designed

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1 for, it's a suitable charge. I don't think it should 2 go away.

Of course, the overall effect, if the admin charge were to go away, is that volumetric rates would go up. You're going to collect the same revenue requirement from whatever rate design you use.

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Now, separate subject.

Regarding the design day allocation factor as contrasted with using an actual peak day usage factor, is there anything extraordinary in developing an actual peak day factor for use in your studies?

A. The extraordinary thing -- and I'll also point out that both of these methods would require estimates.

Q. Right.

A. So the extraordinary thing with actually calculating a peak day factor based on the highest sendout day of the year would be that we just don't have hourly information for -- or daily -- sorry, daily, even, information for GS and FS customers. So we don't know exactly how much to do.

Now, if I were to estimate how much the GS class and FS classes were using on that day, chances are I would use the same method that I'm using in the

design day. So I think if you did use the highest 1 2 sendout day, you'd get a similar result of what you 3 would get by using the design day to begin with. 4 What I like about the design day, though, is 5 that it's -- that's what we use in the IRP every year. And that's consistent -- you know, it just 6 shows a consistent number from year to year, whereas 7 the highest sendout day of the year could be high 8 9 some years, could be low some years. I just think 10 it's more consistent to use the design day that we 11 use in the IRP. 12I understand the preference you're 0. 13 expressing, but I want to make sure I understand the 14 full implications of your answers. And what I think I'm hearing from you is that if the Commission were 15 16

to request or direct that you develop a factor that would be representative of actual peak day usage rather than design day usage, that you can see a path to doing that in a defensible way; is that correct?

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A. I think it could be done. I just think it would give a similar result to what the design day is.

Q. Regarding the F230 allocation factor, and
you, I think, testified that you saw logic behind the
68/32 split, is that logic different than the 60/40

split?

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Can you distinguish or articulate a difference in those two relationships or ratios that has a logical underpinning?

The 60/40 weighting really is just a 5 Α. Yeah. 6 middle ground, and we've never put any quantitative analysis into that. It's just been a matter of the 7 small users, residential customers. 8 That's -typically, the Division and the Office are usually 9 10 proposing a 50/50 weighting, and the industrial users 11 are usually filing something or requesting something 12 that's closer to a 70/30. And so the company's -- it 13 was just the middle ground. We said, "If there's no 14 agreement on how to do this, then this middle ground 15 is the way we should go."

So when I'm comparing the 60/40 to the 68/32, we're talking a number that was just used as a compromise and comparing that to a number with quantitative data behind it, which is what the 68/32 has.

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Q. And the data has reference to...

A. Yeah, the data that's used for the 68/32, the way that that's calculated is we're looking at the overall system-wide load factor. And so we're saying if the system is being used more -- is being

1	used 68 percent of the time to meet the average			
2	demands of customers, then that would put the other			
3	32 percent onto peak. So it gets tied into			
4	system-wide load factor.			
5	Q. With regard to TS rate design			
6	A. Okay.			
7	Q and the testimony that you gave in			
8	reference to Mr. Higgins', I think, surrebuttal where			
9	he pointed out that it would be more appropriate to			
10	scale each volumetric block rate			
11	A. Right.			
12	Q by an equal percentage, we don't have a			
13	model or modeling results that reflect that outcome			
14	in this record, do we?			
15	A. I don't think you do. You have summary			
16	exhibits from I think from Mr. Higgins. But the			
17	company could produce a model that would show that			
18	result.			
19	COMMISSIONER CLARK: So that's my question			
20	now to counsel: Is there a way that that can occur?			
21	MR. SABIN: I think I'm hearing yes, and I			
22	would need to understand the time frame by which we			
23	would need to deal with it. We could talk over lunch			
24	and come prepared with an answer as to how long that			
25	would take to prepare.			

1	COMMISSIONER CLARK: And perhaps that		
2	conversation could include not just your clients but		
3	also other counsel, as well, so that maybe there's		
4	something that could be agreed upon.		
5	MR. SABIN: Sure.		
6	COMMISSIONER CLARK: Thank you.		
7	That concludes my questions. Thank you very		
8	much.		
9	CHAIRMAN LEVAR: Commissioner White?		
10	COMMISSIONER WHITE: I have no questions.		
11	Thank you.		
12			
13	CROSS-EXAMINATION		
14	BY CHAIRMAN LEVAR:		
15	Q. Mr. Summers, are you aware of any		
16	anything that this commission or another commission		
17	has done that's analogous to the moratorium you're		
18	asking us to implement for TS customers that's been		
19	done for the same purpose?		
20	A. I am not aware of anything that other		
21	companies have done. This was brought about by		
22	the I think the unique circumstances of this case,		
23	and as we're trying to figure out how to best solve		
24	this, that's the solution that came up. So I'm not		
25	aware of any others.		

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1	Q. Thank you. I think I just had one more.
2	Oh. So after the 2007 general rate case
3	here that impacted peak demand allocation to
4	interruptible service customers, what incentive
5	existed between that case and the 2013 case for
6	customers to move from transportation service to
7	interruptible service?
8	Was there a financial incentive during that
9	period?
10	A. I'm trying to I'm not sure what existed
11	between 2007 and 2009.
12	Q. And I recognize it's a bit of an unfair
13	request to ask about something over ten years ago,
14	but just if you have any
15	A. And what I'm thinking is I believe that the
16	2009 rate case was settled, as well, so there's
17	probably only a two-year period where that was the
18	case. And I would have to double check on that to
19	see what that settlement stipulation included, but I
20	know in 2009, we did propose that we change that.
21	Q. Okay. Are you aware, though, of any other
22	financial incentives to move to interruptible service
23	other than peak demand allocation?
24	A. No.
25	Q. In terms of comparing transportation service

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21	today.
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24	hour a

o interruptible service?

A. Oh. So you're asking if the transportation customer had an incentive to move to interruptible service? Is that --

Q. Are you aware of any other financial incentives other than peak demand allocation?

A. No, I'm not. No. And that's why I think it's important that we do this, is so that there is an incentive. Otherwise, there's no point in having an interruptible class.

Now, that class is down to about 20 customers right now. A lot of those customers have gone to the transportation service over the last decade or so. But for those customers who still want an interruptible option and want that benefit, I think that there needs to be a distinguishing factor. And I'm not aware of anything besides the allocation of design day costs that would make that distinguishment.

Q. Okay. Okay. Thank you for your testimony today.

A. Sure.

23 CHAIRMAN LEVAR: And knowing that our last 24 hour and a half or so has been a little bit 25 disruptive, I think we'll still go ahead and take a

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1	break now and reconvene at why don't we say 1:15
2	by that clock. I know that clock's a little bit
3	ahead, but we'll reconvene at 1:15 on that clock.
4	(A lunch recess was taken.)
5	CHAIRMAN LEVAR: Okay. I think we'll start,
6	and we're ready for Dominion's next witness.
7	MS. CLARK: Thank you. The Company calls
8	Jessica Ipson.
9	CHAIRMAN LEVAR: Ms. Ipson, do you swear to
10	tell the truth?
11	THE WITNESS: Yes.
12	CHAIRMAN LEVAR: Thank you.
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14	DIRECT EXAMINATION
15	BY MS. CLARK:
15 16	BY MS. CLARK: Q. Ms. Ipson, will you please state your full
16	Q. Ms. Ipson, will you please state your full
16 17	Q. Ms. Ipson, will you please state your full name and business address for the record?
16 17 18	Q. Ms. Ipson, will you please state your full name and business address for the record? A. My name is Jessica Ipson. The address of
16 17 18 19	Q. Ms. Ipson, will you please state your full name and business address for the record? A. My name is Jessica Ipson. The address of our work is 33
16 17 18 19 20	Q. Ms. Ipson, will you please state your full name and business address for the record? A. My name is Jessica Ipson. The address of our work is 33 CHAIRMAN LEVAR: I think your microphone's
16 17 18 19 20 21	Q. Ms. Ipson, will you please state your full name and business address for the record? A. My name is Jessica Ipson. The address of our work is 33 CHAIRMAN LEVAR: I think your microphone's not on.
16 17 18 19 20 21 22	Q. Ms. Ipson, will you please state your full name and business address for the record? A. My name is Jessica Ipson. The address of our work is 33 CHAIRMAN LEVAR: I think your microphone's not on. THE WITNESS: Oh, I'm sorry.

1	BY MS. CLARK:
2	Q. And by whom are you employed?
3	A. Dominion Energy.
4	Q. And what is your what position do you
5	hold with Dominion Energy?
б	A. I'm a Regulatory Analyst III.
7	Q. Ms. Ipson, are you the same Ms. Ipson that
8	filed prefiled direct testimony in this docket that
9	is labeled DEU Exhibit 5.0 with accompanying
10	Exhibits 5.01 and 5.02?
11	A. Yes.
12	Q. And do you adopt the contents of those
13	documents as your testimony today?
14	A. Yes.
15	MS. CLARK: The Company would move for the
16	admission of DEU Exhibit 5.0 and accompanying
17	Exhibits 5.01 and 5.02.
18	CHAIRMAN LEVAR: If anyone objects, please
19	indicate to me.
20	(No response.)
21	CHAIRMAN LEVAR: And I'm not seeing any
22	objection in the room, so the motion is granted.
23	(DEU Exhibits 5.0, 5.01, and 5.02 were
24	admitted.)
25	MS. CLARK: Thank you.

BY MS. CLARK:

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Q. Ms. Ipson, can you please summarize the testimony you've offered in this docket?

A. Yes. The purpose of my testimony and exhibits were to clean up and propose modifications to the company's tariff. I have made a summary of nine applicable changes being proposed in this docket.

9 No. 1 is adding a manual meter reading fee 10 of \$20 per month. This would give customers an 11 option when it comes to their perceived health 12 concerns to have their transponder removed from their 13 meter. The customer's usage would then be read 14 manually by an employee.

15 No. 2, removing the winter daily limit in 16 the GS -- general service and firm sales classes. 17 There was once a time where cost of service gas was 18 considered a scarce resource. However, now it is 19 plentiful, so it is not necessary to have this limit. 20 Also, there have been certain customers that have 21 preferred to be a sales customer but have approached 22 the winter daily limit. At this time, there is no 23 reason not to let them continue to be a sales service 24 customer if they choose to.

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No. 3, removing the tracking of accounting

1	requirements for the CO2 processing plant recovery.
2	This is a cleanup issue, since it relates back to
3	2005, and doesn't serve a purpose anymore.
4	No. 4 is removing the extension area charge
5	for Brian Head. This expired back in 2014.
6	No. 5 is removing the option for the company
7	to provide temporary propane service. This service
8	has been discontinued by the company due to safety
9	concerns.
10	No. 6, adding language for customers that
11	have had prior fraudulent activity, bankruptcy, or
12	won't provide identification to pay a security
13	deposit of the greater of \$125 or the highest month's
14	bill over the last 12 months. High-risk customers
15	need to pay a security deposit to mitigate risk.
16	Once the cover customer has proven good payment
17	history for a year, the security deposit would be
18	returned to them.
19	No. 7 is adding language for cost treatment
20	for the high-pressure main extensions and service
21	lines. This addition to the tariff is the company's
22	current policy. This policy mirrors the intermediate
23	high-pressure main and service policy. By adding the
24	language of cost treatment, it provides transparency,
25	consistency in administrating, and gives notice to

customers.

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No. 8, some other proposed changes including rewording, referencing, punctuation, formatting, and grammatical corrections. These substantive changes do not affect the substance or applicability of the tariff.

No. 9, some of the other changes within the tariff including the distribution non-gas rates, administration charge, transportation service class 35,000 dekatherm moratorium have been sponsored by another witness.

To my knowledge, the changes I mentioned, No. 1 through 8, no party has objected to. And No. 9, Mr. Summers has addressed today in his testimony. The proposed changes are just, reasonable, and in the public interest.

In addition, an order issued on December 31st, 2019, in Docket No. 19-057-T05 identifies a change to Tariff Section 2.01, "Firm Sales Service." So there is no additional need to change the time request for the firm sales service class in this general rate case docket.

And this concludes my testimony.
 MS. CLARK: Ms. Ipson is available for
 cross-examination and Commission questions.

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1	CHAIRMAN LEVAR: Thank you.
2	Mr. Jetter, do you have any questions for
3	Ms. Ipson?
4	MR. JETTER: I have no questions. Thank
5	you.
6	CHAIRMAN LEVAR: Thank you.
7	Mr. Snarr?
8	MR. SNARR: We have no questions.
9	CHAIRMAN LEVAR: Mr. Russell?
10	MR. RUSSELL: No questions. Thank you.
11	CHAIRMAN LEVAR: Mr. Mecham?
12	MR. MECHAM: Just a couple of quick ones.
13	THE WITNESS: Okay.
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15	CROSS-EXAMINATION
16	BY MR. MECHAM:
17	Q. I'm not sure I understood your summary on
18	the moratorium. But looking at the legislative
19	version of the tariff, on page 5-11, No. 11 talks
20	about 35,000 dekatherms required for any customer to
21	begin TSF or TSI.
22	Is the moratorium in lieu of that or in
23	lieu of this paragraph?
24	A. So the moratorium Austin talked about during
25	his testimony this morning, about the

35,000 dekatherm limit for, I guess, the TS class, I
believe that would have to be added into the tariff.
I'm not sure if a modification to the tariff would be
any different than a moratorium. I
Q. Okay. I'm just trying to figure out if this
paragraph stays or goes, No. 11.
A. I guess.
MS. CLARK: I think if the Commission
granted it, you'd want to modify this language a
little bit to make it clearer, if the Commission
agreed to a moratorium. This reflects
MR. MECHAM: Well, I know that's what you're
asking.
MS. CLARK: the admission of that.
MR. MECHAM: I'm just trying to figure
out
MS. CLARK: And if they don't, I think that
this would not be appropriately included in the
tariff.
MR. MECHAM: Okay. So
MS. CLARK: Depending if
MR. MECHAM: It would change?
MS. CLARK: It would be governed by the
rule, wouldn't you agree?
MR. MECHAM: It would be different than

1	this?
2	MS. CLARK: Depending on the Commission's
3	order.
4	MR. MECHAM: Okay. Thank you.
5	BY MR. MECHAM:
6	Q. And then on page 5-10, under 4.04, there is
7	a supplier non-gas adder of \$1.42.
8	A. Okay.
9	Q. Now, that hasn't I didn't see that in
10	your narrative testimony. I'm certain that
11	Mr. Summers referred to it, but that's not been part
12	of the TS tariff, has it?
13	A. No. That is an addition.
14	Q. And do you know why?
15	A. That is what Mr. Summers discussed earlier
16	today. Some of the supplier non-gas charges, we
17	would like to charge to transportation service
18	customers. We would do that by adding this supplier
19	non-gas adder to their firm demand charge.
20	Q. But they normally don't use supplier non-gas
21	services, do they?
22	A. That's not true.
23	Q. What is true, then?
24	A. They do use supplier non-gas services. For
25	example, the peak. They use, I guess, gas during

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1	peak time, and we have peak hour services that are
2	collected through the supplier non-gas charge.
3	Q. Okay. And but isn't that if they if
4	they use service at peak hour times, aren't they
5	penalized, and that's how they the company
6	recovers its revenue?
7	A. No. We have different contracts set up for
8	peak hour service, and that is for different time
9	periods of the year. And that is recovered through
10	the supplier non-gas charge.
11	Q. Or would be, because it hasn't been.
12	A. Yes. But it just in general, it's
13	recovered by the supplier non-gas charge, and
14	we're in this case, in this tariff modification,
15	we would like to charge the TS class for that charge.
16	Q. Okay. Thank you.
17	CHAIRMAN LEVAR: Is that all your
18	MR. MECHAM: Nothing yeah, that's it.
19	CHAIRMAN LEVAR: Okay. Thank you.
20	Major Kirk or Captain Friedman?
21	MAJOR KIRK: No questions, sir.
22	CHAIRMAN LEVAR: Any redirect based on
23	Mr. Mecham's questions?
24	MS. CLARK: No, I don't think so. Thank
25	you.

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1	CHAIRMAN LEVAR: Commissioner White?
2	COMMISSIONER WHITE: No questions. Thank
3	you.
4	CHAIRMAN LEVAR: Okay. Commissioner Clark?
5	COMMISSIONER CLARK: No questions. Thank
б	you.
7	CHAIRMAN LEVAR: Just one very minor
8	question.
9	
10	CROSS-EXAMINATION
11	BY CHAIRMAN LEVAR:
12	Q. So with respect to the manual meter reading
13	fee
14	A. Mm-hmm.
15	Q is there a cost for the initial removal
16	of the transponder?
17	A. So no, the company would just come out and
18	do that. And then just from that point on, it would
19	be \$20 a month to send an employee out there to read
20	their meter.
21	Q. Okay. So your proposal is just to absorb
22	the cost of the initial removal?
23	A. Mm-hmm.
24	Q. Okay. Thank you.
25	A. Thanks.

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1	CHAIRMAN LEVAR: Thank you for your
2	testimony this afternoon.
3	Anything else from Dominion?
4	MS. CLARK: We have no further witnesses.
5	However, we're prepared to address the question
6	related to providing a supplemental model, if now
7	CHAIRMAN LEVAR: Yes, please.
8	MS. CLARK: would be the time to address
9	it.
10	The company's conferred with other parties,
11	and we are able to prepare such a model and then
12	circulate it to other parties for review. Our hope
13	is that we could get consensus and just submit that
14	by the end of next week, as agreed upon. That is our
15	hope.
16	CHAIRMAN LEVAR: I'm pretty sure that's
17	sooner than we would have an order ready to issue,
18	SO
19	MS. CLARK: Okay.
20	CHAIRMAN LEVAR: Thank you.
21	MS. CLARK: Thanks.
22	CHAIRMAN LEVAR: I'll just look around the
23	room, just assuming everyone's in agreement to that,
24	assuming there can be some consensus around the model
25	once it's put together. And if there's not, then I

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1	guess we'll have an issue to work through in a short
2	period of time. Okay.
3	MR. SNARR: No objection. Although, I think
4	we need to we need to have such clarity as you can
5	provide as to what we collectively ought to be
6	putting in that model so that it's a task that we can
7	accomplish as opposed to something we can debate
8	about as parties and is pursuant to your request.
9	CHAIRMAN LEVAR: So you're looking for
10	Commission direction on this model?
11	MR. SNARR: Well, I think the
12	CHAIRMAN LEVAR: If you
13	MR. SNARR: Commission asked for the
14	model.
15	CHAIRMAN LEVAR: Well, Commissioner Clark
16	COMMISSIONER CLARK: Sure.
17	CHAIRMAN LEVAR: asked about it, so why
18	don't I
19	COMMISSIONER CLARK: Yeah. What I'm looking
20	for is for the record to reflect, with respect to the
21	TS rate design, a scaling of each volumetric block
22	rate by an equal percentage consistent with the
23	recommendation that is in Mr. Higgins' testimony and
24	also consistent with what Mr. Summers testified would
25	be an approach that I think he said he could

1	support it. But at least it would correct the error
2	that crept in during his last the model run that
3	we have in connection with his rebuttal testimony.
4	So that's all I'm looking for.
5	MS. CLARK: I think we can do that.
6	COMMISSIONER CLARK: Thanks for the
7	MR. SNARR: I have no problem. Just that
8	definition helps, though, so we all have an eye on
9	the same task.
10	CHAIRMAN LEVAR: Okay. So there's no need
11	for additional clarification from anyone?
12	(No response.)
13	CHAIRMAN LEVAR: Okay. Thank you.
14	MS. CLARK: Thank you.
15	CHAIRMAN LEVAR: Mr. Jetter?
16	MR. JETTER: Thank you. The Division would
17	like to call and have sworn in Howard Lubow.
18	CHAIRMAN LEVAR: Mr. Lubow, do you swear to
19	tell the truth?
20	THE WITNESS: I do.
21	CHAIRMAN LEVAR: Thank you.
22	
23	DIRECT EXAMINATION
24	BY MR. JETTER:
25	Q. Good afternoon, Mr. Lubow. Would you please

1	state your name and occupation for the record?
2	A. Howard E. Lubow. I'm a utility consultant.
3	Q. Thank you. And oh, I think your
4	microphone may not be turned on.
5	A. How is that now?
б	Q. That sounds better.
7	A. Okay.
8	Q. And were you hired by the Division to
9	provide testimony in this docket?
10	A. I was.
11	Q. And did you have an opportunity to review
12	the filings made throughout this docket by other
13	parties?
14	A. I have.
15	Q. And did you create and cause to be filed
16	with the Public Service Commission here in Utah
17	direct and surrebuttal prefiled testimony along with
18	Direct Exhibits 6.0 through 6.7 and surrebuttal
19	DPU Exhibit No. 6.0SR?
20	A. That's correct.
21	Q. Do you have any changes or corrections you'd
22	like to make to your prefiled testimony?
23	A. No.
24	Q. And if you were asked the same questions
25	contained in your prefiled testimony, would your

1	answers be the same?	
2	A. They would.	
3	Q. Thank you.	
4	MR. JETTER: I'd like to move at this point	
5	to enter into the record the prefiled direct and	
6	surrebuttal testimony along with the attached	
7	exhibits of Mr. Lubow.	
8	CHAIRMAN LEVAR: Okay. Please indicate if	
9	anyone has any objection to the motion.	
10	(No response.)	
11	CHAIRMAN LEVAR: And I'm not seeing any, so	
12	it's granted.	
13	(DPU Exhibits 6.0DIR - 6.7DIR and 6.0SR	
14	were admitted.)	
15	MR. JETTER: Thank you.	
16	BY MR. JETTER:	
17	Q. Have you prepared a summary of your	
18	testimony?	
19	A. I have.	
20	Q. Please go ahead.	
21	A. As I just indicated, I was retained by the	
22	Division to review the DEU class cost of service and	
23	rate design in this proceeding.	
24	Primarily, as a consequence of the issues	
25	surrounding service and pricing for services to the	

TS class, the cost allocation process and rate design 1 2 recommendations are now a major focus of this case. 3 I've had previous experience in gas cost of service matters, in state and federal proceedings, 4 representing utility companies and state commissions. 5 My testimony today reflects that experience, 6 recognizing specific policies and practices that have 7 evolved here in Utah. 8

Having reviewed the DEU filed evidence, I 9 10 performed an analysis of key factors driving their cost of service study and proposed rate design. 11 12 While there's a range of accepted criteria and 13 practices employed in the cost allocation and rate 14 design process, ultimately the Commission must find 15 those procedures that result in fair and equitable 16 outcomes based on established precedence and the evidence before it in forums such as this case. 17

While various parties represent different constituencies with stakes of interest to their clients, the aims of the Division evidence in this phase of the case are aligned most directly with the objectives of the Commission itself. That is, the Division has no intended bias to privilege one group of customers over another.

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In this context, my findings and

1 recommendations are proposed as a balancing of all 2 customer interests within a framework of recognized 3 regulatory policies and procedures. More 4 specifically, my analysis leads to certain recommendations which are proposed for implementation 5 in rates at this time, while other proposals are made 6 as suggestions for improvements that may be achieved 7 in the next DEU rate proceedings. 8

9 Concerning the cost of service methodology 10 employed by DEU, I've raised three areas for proposed modification: Recognition of interruptible volumes 11 12 in the DEU design day factor, use of a 50/50 13 weighting in the DEU hybrid allocation factor, and 14 use of actual test year peak day demands as a 15 superior basis for peak responsibility allocation 16 factor. The first two recommendations are proposed 17 for this proceeding while the latter recommendation 18 is proposed for consideration in the next DEU rate 19 case.

In my prepared testimony, I pointed out that a hybrid allocation factor is somewhat arbitrary as there is little empirical evidence to support any particular percentage weighting. In this testimony, I mentioned that utilities have, on occasion, relied on such a weighting and have employed a 50/50 allocation, also recognizing that a range of
 alternatives can also be found.

3 An intervenor requested any specific 4 analysis that I might have to support this claim. It was made in my prefiled testimony. And absent the 5 time or the data necessary to perform that review, I 6 responded by saying that this assertion was based on 7 many cases in which I've been personally involved. 8 Mr. Higgins specifically found that this 9 10 representation was insufficient and proposed that my 11 recommend -- my proposal be ignored in the absence of 12 specific citations.

13 Since Mr. Higgins seemed to be fixated on 14 this specific testimony, apart from other points that 15 I addressed in support of this weighting, I reviewed 16 a recent Southwest Gas case in Arizona where I had a 17 role similar to the one in this case. In that 18 proceeding, which was Case No. G-01551A-16-0107, 19 Southwest Gas, in its own filed testimony before that 20 commission, employed a 50/50 hybrid allocation factor 21 in allocating the demand component of mains and 22 services.

I reference this case now not to sway this Commission to a particular weighting of a 50/50, but simply to recognize that there are a range of

weightings that have been employed in similar cases in this jurisdiction as well as other jurisdictions. Of greater relevance to this case is the historical use of the 60/40 weighting recognized in previous DEU rates as well as DEU's reliance on weighting in this -- in its initial filing.

In my surrebuttal testimony, I found that Mr. Higgins' observation that a modification of the weighting might be considered a bit punitive in light of the cost shifts otherwise under review at this time. I found that this testimony had merit, and therefore revised my initial proposal to revert back to the DEU filing of 60/40, which is also implicit in historical rates.

15 In another recommendation, I proposed that 16 the recognition of actual interruptible use during 17 actual peak period be reflected in the peak demand 18 allocation factor. This is consistent with previous 19 findings of this Commission where it directed a 20 recognition of interruptible usage in the construction of this allocation factor. 21 The facts in 22 this case support the finding previously made by this Commission. And, if anything, the basis is more 23 24 compelling at this time.

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DEU has not experienced a design day peak

1 condition in over 50 years. For many years, 2 interruptible customers have enjoyed the benefit of 3 gas deliveries even during actual peak period 4 conditions. Ignoring this benefit in the allocation process, as well as a more general consideration of 5 the access and use of these facilities, provides an 6 unreasonable subsidy to these customers. 7

Finally, I propose the DEU employ a peak day 8 9 factor based on actual test period conditions rather 10 than relying on design day estimates. This recommendation is more consistent with general 11 12 industry practice and is specifically supported by 13 the fact that the DEU design day represents a 14 condition that is unlikely to occur. Actual customer 15 usage is a reflection of those customers who benefit 16 from DEU system facilities.

For these reasons and the reasons further developed in my prefiled testimony, I recommend that DEU be required to develop and include actual peak day customer data by tariffs necessary for consideration by the parties in the next rate proceeding.

Aside from the DEU cost of service analysis, I also reviewed the DEU proposed rate design. It made recommendations which include a distribution of

1 the DPU revenue requirement, a separation of 2 residential customers from the GS class in the next 3 case, and isolating TS customers with volumes falling 4 below 35,000 dekatherms threshold at this time. 5 The recommendation to separate residential customers from the GS tariff is consistent with 6 7 predominant industry practice, including at least some of DEU's own sister companies. As stated in my 8 9 filed testimony, this separation provides for a more 10 uniform or heterogeneous group of customers, provides 11 for greater transparency, and has a more accurate 12 basis to allocate costs and design rates for these 13 customers as well as those commercial customers 14 remaining in the GS tariff. DEU should be directed to file data consistent with these tariff separations 15 16 in its next case.

Finally, in consideration of the rebuttal testimony filed by other parties, I modified my recommendation for the proposed tariff changes to be implemented evenly over a three-year annual period.

This concludes my opening comments.

Q. Thank you.

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23 MR. JETTER: I have no further questions for 24 Mr. Lubow. He is available for cross and questions 25 from the Commission.

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1	CHAIRMAN LEVAR: Thank you, Mr. Jetter.
2	Mr. Snarr, do you have any questions?
3	MR. SNARR: Yes, I just have a couple of
4	areas that I want to seek some clarification on.
5	
6	CROSS-EXAMINATION
7	BY MR. SNARR:
8	Q. Mr. Lubow, let's briefly discuss the design
9	day/throughput allocator, as that issue has been a
10	center point to some of the discussion in this
11	proceeding.
12	CHAIRMAN LEVAR: Mr. Snarr, could you bring
13	your microphone a little bit closure?
14	MR. SNARR: Oh, sure. I'm sorry.
15	BY MR. SNARR:
16	Q. Mr. Lubow, are you familiar with the
17	seaboard cost classification allocation methodology?
18	A. It's been a while, but yes.
19	Q. And is the seaboard methodology recognized
20	in the industry?
21	A. It has been, yes.
22	Q. And isn't your originally proposed 50/50
23	weighting similar to the seaboard method?
24	A. Oh, goodness. It's been too long. You
25	know, when you look at cost of service, there are so

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1	many variables and ways in which cost allocation	
2	principles may be implemented and considered	
3	consistent with NARUC and other industry practice.	
4	You really have to almost go behind just the	
5	allocation factor itself but also look at what	
6	facilities those factors are applied to.	
7	Q. But it is true that the seaboard method did	
8	some significant allocations based on a 50/50	
9	allocation	
10	A. That's my	
11	Q percentage rate?	
12	A memory, yes.	
13	Q. Thank you.	
14	Let's move to one other area, and that is	
15	related to what you just summarized in your	
16	testimony, the revenue requirement rate design. I'd	
17	like to just seek a clarification on a couple things	
18	you represented.	
19	First of all, just for context, it's my	
20	understanding that Dominion sought approximately	
21	\$19.2 million as a revenue increase, initially, in	
22	this application; is that right?	
23	A. Correct.	
24	Q. And in the rebuttal testimony, I believe	
25	that was reduced or revised to a request of	

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17.5 million; is that correct?

A. I don't remember that specific number, but I'll accept that.

Q. All right. Now, at the bottom of page 5 of your testimony -- of your surrebuttal testimony, and continuing over to page 6, you were asked to describe your current rate proposal, including the assumptions underlined in that proposal; is that correct?

A. It is.

Q. What is the DPU revenue requirement you have assumed in responding to those questions?

A. Well, I originally took the initial outcome of the staff analysis, the Division analysis, which I believe implied an increase of about \$1.2 million. However, that was with a caveat that it had a position with regard to certain plant facilities that, if considered in the revenue requirement, would have essentially brought that number to zero or slightly negative.

20 Q. All right. At Line 145 of your surrebuttal 21 testimony, you suggest that having considered current 22 Commission policies and using your assumptions, that 23 the possibility would be that the result -- the 24 result of this case may indeed produce rate 25 reductions to the GS class of customers; is that

1	correct?	
2	A. Nominal reductions, yes.	
3	MR. SNARR: All right. That concludes my	
4	questions.	
5	CHAIRMAN LEVAR: Thank you, Mr. Snarr.	
6	Mr. Russell, do you have any questions for	
7	Mr. Lubow?	
8	MR. RUSSELL: Yes, I do. Thank you.	
9		
10	CROSS-EXAMINATION	
11	BY MR. RUSSELL:	
12	Q. I want to weigh in on this topic that we've	
13	been discussing regarding the allocation of peak	
14	demand cost to interruptible customers.	
15	Your position and the position of various	
16	other parties has been clarified in the prefiled	
17	testimony, so I don't want to spend a lot of time on	
18	it. But you acknowledge that Dominion does not plan	
19	for interruptible usage in its construction of a	
20	design day demand; right?	
21	A. I do.	
22	Q. Okay. And nonetheless, your proposal would	
23	impose costs associated with the construction of that	
24	design day system on interruptible customers for whom	
25	that system was not planned, yes?	

A. That's correct. Based on my testimony, I've indicated a consistent availability and use of system demand by interruptible customers, and there should be some recognition consistent with Commission past statement and policy that those benefits should be reflected in the cost of service.

Q. I will admit, I'm a little bit confused on this next point because it's not clear to me what proposals you're making with respect to this allocation for this rate case and which ones you are proposing be developed for the next rate case.

A. Okay. Just to clarify that, for this case, I've indicated that the company's design date peak demand allocation factor be modified to reflect the actual use of interruptible customers during the actual peak day in the test year.

Q. And so then tell me what it is you're proposing that the Commission order the company to do with respect to the next rate case on this issue?

A. In the next rate case, I think, along with other considerations as discussed by Mr. Summers, the Commission should be able to have the opportunity to look at the potential use of an actual peak day allocation factor and the rationale behind that alternative.

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1 And you're making that recommendation 0. 2 because you don't believe the Commission has 3 sufficient -- that the record here is sufficient to 4 develop such an actual peak day allocator; correct? They -- in discovery, the 5 Α. That's right. company indicated that -- and Mr. Austin discussed --6 7 I'm sorry. Mr. Summers indicated in his testimony 8 earlier today that that data is not readily 9 10 available. It can be developed, but it was not 11 developed for purposes of production of discovery in 12 this case. 13 ο. Okay. I want to talk for a moment about 14 your proposal to impose those design day costs on interruptible customers in this rate case. 15 16 You have included in your direct testimony 17 various spreadsheets that contain the calculations 18 supporting that proposal; correct? 19 Just to clarify, I don't 100 percent agree Α. 20 with the predicate in your question. What I'm 21 proposing is that the system facilities employed by 22 the company that relate to provision of meeting 23 customer demand include interruptible usage as a 24 reflection of the actual demand placed on the system 25 in the test year and implicitly year over year as it

exists in how this system is actually used.

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2 And I've reflected that adjustment at some 3 level in this case by taking the company's design day 4 factor and adjusting it for the interruptible volumes that were actually used at the time of the company's 5 system peak. 6 And you've done that with respect to 7 0. interruptible volumes used by the IS class as well as 8 9 those interruptible volumes utilized by customers in 10 the TS class; correct? 11 Α. That's right. 12 Okay. And how have you sought to impose 0. 13 those additional costs on interruptible customers? 14 What is -- what is the specific mechanism that the 15 company will collect those additional costs? 16 Α. Well, of course, for purposes of this case, 17 we've assumed that there's a fair amount of linkage 18 between the results of the cost of service analysis 19 and, ultimately, the rate design that might come out 20 of this case. 21 So there -- that's the bridge, basically, 22 that would be relevant to how those costs would flow 23 through into a somewhat revised allocation of cost 24 that would be reflected in the design of TS and IS 25 rates.

1 So, specifically, you have proposed to Q. 2 increase the volumetric rate blocks in the TS class 3 and to impose an additional -- an increase in the 4 contract demand for TS customers to account for those additional costs; correct? 5 Implicitly, I generally, as you know, 6 Α. supported DEU's recommendation with regard to rate 7 structure modifications. And then I've gone on to 8 say that I -- while I might normally be inclined to 9 10 support some of their rate structure adjustments, if 11 this Commission ends up at a revenue requirement 12 level that produces nominal to no change in the 13 overall revenue requirement, that the rate structure 14 modifications are probably something that might 15 better be deferred until the next case, along with a 16 lot of other matters that have been raised by DEU and 17 the other parties. 18 But I really don't think that Okav. Ο.

answered my question.

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What I'm trying to get at is, in your proposal to impose these incremental costs that you associate with interruptible customers' usage for the peak demand factor that you're proposing be imposed here, you're proposing to raise rates for all TS customers in the volumetric rate blocks and in the

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contractural firm demand factor; correct?

A. That's correct to the extent it's consistent with the prefiled recommendations of how DEU intends to employ changes to that tariff.

Q. But they're -- it's consistent with your proposal; right? I mean, you have submitted --

A. Well, I -- I -- excuse me, but I clarified that a bit, indicating that while I generally support the DEU rate structure recommendations, that I would specifically not make some of the modifications that DEU's made at this time, given the fact that there may be little to no change in the overall revenue requirement.

But I would just simply -- a simplifying way of answering that is, I would spread that in a uniform way across the existing rate structure.

Q. So you would -- and so you would do it just like the way that you've proposed? I mean, I'm trying to understand. You know, you're now offering what I think may be a different recommendation than maybe what you had submitted earlier. Or are you not?

I don't think it's different.

24 Q. Okay. I didn't think so either, but you 25 seem to be pushing back on my question, which is --

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1	and maybe it's just easiest to go to your
2	spreadsheet. Why don't you pull up DPU Exhibit 6.3,
3	which was submitted with your direct testimony.
4	A. Yes, I have that.
5	Q. Okay.
6	A. And I guess what I was alluding to is that
7	this rate structure is really within the DEU model.
8	And I've made certain changes in the assumptions, and
9	this is the result of changes such as the inclusion
10	of the interruptible volume.
11	Q. Right. So it might be useful for us just to
12	kind of walk through what this Exhibit 6.3 is.
13	So you've got four tables here. The table
14	at the top of this exhibit is the base case that I
15	believe Mr. Snarr had asked you about, which includes
16	certain adjustments made by the Division but not all
17	of the adjustments that the Division had proposed for
18	revenue requirement; correct?
19	A. That's correct.
20	Q. Okay. And so that's what you called a "base
21	case."
22	And then the second chart down is the base
23	case but with a design day factor to impose those
24	costs on interruptible volumes; right?
25	A. Correct.

Γ

1	Q. Okay. And then the third table down and
2	I guess I should say the you've also submitted
3	various exhibits that correspond with each of these
4	tables; right?
5	A. That's right.
6	Q. Okay. So your Exhibit 6.4 corresponds with
7	the table at the top?
8	A. That's right.
9	Q. And 6.5 corresponds with the second table
10	related to the design day with interruptible volumes;
11	right?
12	A. And so on, yes.
13	Q. Yeah. And so you've got these two tables at
14	the bottom of 6.3, which correspond to your your
15	proposal in your direct testimony, which you no
16	longer are proposing, relating to the 50/50 demand
17	throughput factor; right?
18	A. That's right.
19	Q. Okay. I
20	A. So at this point, I think the focus would be
21	on this second set of data within the 6.3.
22	Q. Yeah. So in order to figure out how we get
23	from the table at the top of 6.3, your base case, to
24	the second table which the only change you made
25	there is allocating design day costs on interruptible

1	volumes; right?
2	A. That's right.
3	Q. Okay. And so to look at that, we would
4	compare Exhibit 6.4 with 6.5; correct?
5	A. That's right.
6	Q. Okay. And I'm going to ask that we do that,
7	so let's pull up 6.4. And you are looking at a hard
8	copy. I've got a spreadsheet, and I'm gathering that
9	probably at least half of the room has a spreadsheet.
10	So I'll try to direct these questions so that we can
11	deal with this both ways.
12	So if we scroll down on the spreadsheet or
13	turn on your hard copy to the part of that chart
14	addressing TS customer class
15	A. That would be on page 5 of 8 of my exhibit.
16	Q. Of your hard copy version.
17	Okay. So there's a table that, at the top,
18	says Utah TS, and then on sort of on the left-hand
19	side of that table, it has something kind of a
20	table header say calling saying "From Revenue
21	Run Output."
22	And those are company numbers; correct?
23	A. That's right.
24	Q. And it's got Block 1, 2, 3, and 4 with the
25	block rates in the TS class; right?

1 Α. Correct. 2 And then down below, we have a line showing 0. 3 "Annual Demand Charges per Dth of Contract Firm 4 Transportation"; right? 5 Α. Yes. So on the left-hand side, as we've 6 Q. Okay. established, those are the company numbers. 7 And on the right-hand side, that's how you would propose to 8 change the rate to account for your proposals. 9 And 10 this -- we're looking at 6.4 -- the proposals here 11 are some but not all of the Division proposed changes 12 to the revenue requirement, yeah? 13 Α. That's right. 14 So in order to figure out what you've 0. Okay. 15 done to impose the design day cost on interruptible 16 volumes, we would look at -- we would compare the 17 proposed rate in 6.4 with the corresponding proposed rates in Exhibit 6.5; right? 18 19 That's right. Α. 20 And what we see when we make that 0. Okay. 21 comparison is that in order to impose those design 22 day peak demand costs on interruptible customers, what you've done -- or what you've proposed here is 23 24 an even volumetric -- or an even increase for each 25 volumetric block rate; correct?

That's what it shows. 1 Α. 2 And you've also proposed to increase 0. Okav. 3 the annual demand charge per dekatherm of contract 4 firm transportation; right? I believe that that's the result of the 5 Α. underlying assumptions in the DEU rate design model 6 that I relied upon in reflecting these changes. 7 Ι didn't independently crunch through all of this data. 8 I relied on the DEU model and the representation made 9 10 by DEU of how it was proposing to spread any level of increase that the Commission might authorize. 11 12But, of course, DEU doesn't believe it's 0. 13 appropriate to impose design day costs on 14 interruptible customers; correct? 15 Α. That's its current position, yes. 16 Yeah. And so using that model in this way 0. 17 yields something of an odd result, where we're -- in an effort to impose interruptible design day costs 18 19 for interruptible volumes, we're imposing additional 20 charges for firm transportation customers; right? 21 least in this example? 22 Well, this goes to the very heart of DEU's Α. 23 testimony and, at some level, mine as well, which is 24 that maybe we don't have the best breakdown within 25 tariff groups to be able to properly reflect

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1 underlying cost of service to the extent that that's 2 going to be a primary driver of utility rate design. 3 Q. Okay. I think we've explored that, perhaps, 4 enough. I want to go back to your 6.3, if we may. 5 Walk through the -- what each of these tables -- or 6 at least identify what each of these four tables is. 7 But I want to -- I want to kind of focus a little bit 8 on the effects of the proposed changing here. 9 10 Again, starting with your base case at the 11 top, you note a 37.91 percent increase to the net 12cost of service collected from TS customers; correct? 13 Α. That's right. 14 Okay. And a corresponding 3 percent 0. decrease to those -- that cost of service collected 15 16 from the GS customers; right? 17 Α. That's right. 18 0. Okay. 19 And again, I think it's important, based on Α. 20 the way you're answer -- asking me these questions, 21 this is simply the raw output of the revenue -- the 22 cost of service model based on a different --23 differing sets of assumptions. That doesn't 24 necessarily completely link up with the rate design 25 recommendations. But qo ahead.

1 But this does tend to highlight, to 0. Yeah. 2 some degree, the proposals that you have made in this 3 docket; right? 4 Α. Certainly, it's a sensitivity or a scenario analysis, as it's identified on the exhibit, that 5 shows the relative monetary impact of these different 6 7 assumptions. So moving from the base case to the 8 0. Okav. 9 design day that incorporates your -- excuse me -- the 10 second chart down, "Design Day with Interruptible 11 Volumes," which incorporates your proposal to impose 12design day costs on those interruptible volumes, we see a corresponding increase of 45.45 percent to the 13 14 TS class; correct? 15 Α. That's right. 16 And that's up from the 37.91 percent; right? 0. 17 Α. That's right. And then in that second chart, we see 18 Ο. Okav. a corresponding decrease to the GS class of 19 20 3.62 percent; right? 21 Correct. Α. 22 And in terms of the percentage increase, 0. 23 that's a relatively small change for the GS class but a relatively large one for the TS class, yes? 24 25 Α. Well, it's about 7 percent.

 understand that the 50/50 demand throughput is longer your proposal, but we see with those that of those recommendations also increase, results further increases to the TS class net cost of service; correct? A. That's right. And as you point out, for record the results of that analysis are now given that I've proposed the 60/40 cost allocation basis. Q. Okay. So each of those changes would increase and the change regarding the interruptible volumes would increase the TS class cost of service in addition to the fact the TS is moving towards full cost of service here; or A. It's not in addition to, in my opinion It's simply a reflection of the use of this syst these customers. So it's not in addition to. component integral component of the consider of this usage in the cost of service study. Q. The Division does not object to the component 	1 Q. To the TS class?
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It's simply a reflection of the use of this system these customers. So it's not in addition to. component integral component of the consider of this usage in the cost of service study. Q. The Division does not object to the cost	18 is moving towards full cost of service here; correct?
21 these customers. So it's not in addition to. 22 component integral component of the consider 23 of this usage in the cost of service study. 24 Q. The Division does not object to the considered	A. It's not in addition to, in my opinion.
 22 component integral component of the consider 23 of this usage in the cost of service study. 24 Q. The Division does not object to the consider 	20 It's simply a reflection of the use of this system by
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24 Q. The Division does not object to the co	22 component integral component of the consideration
	23 of this usage in the cost of service study.
25 building a system aimed at a particular design	Q. The Division does not object to the company
	25 building a system aimed at a particular design day,

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1	does it?
2	A. No. Well, I think that's the result of a
3	process. And, of course, it's been fairly robust in
4	recent years. So the Commission or I should say
5	as a consultant for the Division, as I understand it
6	at this time, is that the Division accepts the
7	approval of whatever system design the company
8	proposes that has been reviewed and accepted by this
9	Commission and does not challenge that those
10	assumptions.
11	Q. Going back to 6.3 for my last question.
12	The 45 percent increase to the TS class
13	that's represented there, that is your latest
14	recommendation in this docket; right?
15	A. Yes.
16	MR. RUSSELL: Okay. I think that's all I
17	have.
18	CHAIRMAN LEVAR: Thank you, Mr. Russell.
19	Mr. Mecham, do you have any questions for
20	Mr. Lubow?
21	MR. MECHAM: I think just one quick one.
22	
23	CROSS-EXAMINATION
24	BY MR. MECHAM:
25	Q. Mr. Lubow, in your surrebuttal, on page 6,

1 after you have talked about rate spread and so on, 2 you say that the rate spread -- "rate spreads 3 generally conform with current Commission policies 4 and/or assumptions made in previous rate settlements." But you don't say what those are. 5 What do you have in mind when you ask 6 yourself that question? 7 Α. Well -- excuse me. What I had in mind was 8 that -- a few things. The cost of service model 9 10 developed by DEU has been relatively stable in terms 11 of the construction of that model and major 12 assumptions within it over a period of time. 13 In that -- in that interim period and in the 14 evidence in this record, I thought about the 15 direction of the Commission, that there should be 16 some recognition to the -- of the use of 17 interruptible customers in terms of the access and 18 utilization of capacity-related facilities that it 19 may use during peak period conditions. And I thought 20 about the hybrid allocation factor, generally, kind of settling, as Mr. Summers referred to it this 21 22 morning, at around 60/40.

And that's maybe varied somewhat over time in terms of what underlying assumptions have been made, but the company's looked at that as a compromised position that it thought, certainly as it filed its testimony, was a reasonable basis for the cost of service model. So those are the main things I was thinking about.

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Okay. Thank you.

And you've also been in the room. On page 7 of your surrebuttal, you talk about the company's proposed increase uniformly being -- or being uniformly applied in the rate structure when taken as a whole, but -- that may yet come, but you don't -there's no evidence or exhibit in the record right now that shows that these increases, particular to the TS class, would be applied uniformly, is there?

14 Α. No. But that's not unusual. Of course, the whole point of this proceeding is to get to a set of 15 16 recommendations in the record that may be acted upon 17 by this Commission. And typically, what occurs is 18 that the Commission, either in the form of a 19 late-filed exhibit or as a requirement of a proof of 20 revenue, would lay out the parameters of the rate 21 design it intends to have implemented, and the 22 company would be required to produce the result of 23 those findings.

> MR. MECHAM: Okay. I have nothing further. CHAIRMAN LEVAR: Thank you, Mr. Mecham.

1	Major Kirk or Captain Friedman?
2	MAJOR KIRK: No questions, sir.
3	CHAIRMAN LEVAR: Okay. Ms. Clark or
4	Mr. Sabin?
5	MR. SABIN: Just very briefly.
6	
7	CROSS-EXAMINATION
8	BY MR. SABIN:
9	Q. If I understand your test I just want to
10	confirm. In your testimony, I understand you to be
11	supportive of the concept of bringing the TS class to
12	full cost of service; is that correct?
13	A. Yes. As that may be defined.
14	Q. Understood. But the general idea is that
15	they as I take your testimony, you agree with the
16	company that people that each class should bear
17	their full cost of service?
18	A. I do.
19	Q. Okay. And I think I just heard you, a
20	minute ago, say this, but I want to make sure I'm
21	understanding you correctly. I think I've if I've
22	understood your testimony, you agree with Mr. Summers
23	that before you make decisions about specific
24	intraclass breakouts or intraclass rate setting, you
25	need to have sufficiently clear data to be able to

1 make those decisions and make them in a credible and 2 sustainable way?

A. I 100 percent agree with that. And I'm sure it's frustrating to the parties and the Commission that we get to these cases and it's a component of a utility rate filing, and it's simply not possible to look at the scope of massive changes in a customer rate design inter- and intraclass. So I 100 percent support the company's notion that this needs a deep dive and further analysis.

And I think the Division has comparable views with regard to what needs to occur to bring this to a point for the Commission to have sufficient evidence to make clear findings about what's good or bad about these proposals with regard to cost of service and rate design.

Q. Thank you.

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You just noted earlier in 18 Last question. 19 response to -- I don't remember which attorney. Ι think it was Mr. Russell's question, that as it 20 21 relates to actual peak day data, you believe that the 22 company should, for the next rate case, be developing 23 actual peak day data that could be used to 24 allocate -- I think your words in your testimony are 25 essentially to allocate the --

A. To tariffs.

Q. Right.

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A. And the implication of that, just to be more clear about it, is that, as Mr. Summers pointed out, this isn't something that you just have available from internal records.

Q. And I just want to clarify that exact point. To the extent the company does not have and cannot obtain peak day data for some of the classes, would you agree with me that if you -- if the company or the Commission was going to do what you're proposing, it would have to be relying, to some extent, on estimates because there isn't data for every class showing a peak day for every class?

A. I do agree with that. And as Mr. Summers pointed out, it relies -- it -- by its nature, of course, it makes those estimates now with regard to design day data when it separates it out by various groups of customers. And, of course, in the context of a rate case, we're talking about tariffs.

Q. Understood.

MR. SABIN: That's all I have. Thank you. CHAIRMAN LEVAR: Mr. Jetter, any redirect?

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1	REDIRECT EXAMINATION
2	BY MR. JETTER:
3	Q. I just have a very brief question I'd like
4	to line of questions I'd like to ask you. And if
5	you wouldn't mind just turning to this is
6	Exhibit 6.3.
7	A. Yes, sir.
8	Q. And this is just to, I guess, clarify a
9	little bit of something that's not necessarily
10	intuitive here.
11	In the GS class on each of these and we
12	can just look at even the top chart here, the top
13	table a 3 percent increase or decrease for a
14	typical GS customer, is it accurate that that would
15	represent a 3 percent difference in their a
16	typical customer in that class their total cost of
17	gas service during a billing period?
18	A. Well, to be clear, it would represent the
19	distribution component, not the commodity. So the
20	impact on the customer, when it looks at its total
21	bill, would be less than this.
22	Q. Than 3 percent?
23	And but that same that same difference
24	between what's represented here as a percentage of
25	the distribution cost as compared to total cost of

1 gas service applied to all of the other classes, TS 2 included? 3 Let me --4 Α. I hadn't looked --5 ο. -- rephrase that question. -- at it this way, and maybe it's in this 6 Α. But, of course, when you're looking at large 7 record. volume customers, the percentage of the distribution 8 9 cost versus commodity may be skewed to an even lower 10 weighting. 11 ο. And that's what I was trying to get Okav. 12at here is a 45 percent increase intuitively sounds 13 like a lot, but that may be a very small portion of 14 their total gas cost over any period of time, a month 15 or a year? 16 Well, that's right. It would not be the Α. 17 majority of the cost that these high volume, high 18 load factor users face. 19 ο. Okay. Thank you. 20 That's the only redirect I MR. JETTER: 21 have. 22 CHAIRMAN LEVAR: Does anyone have any --23 well, does anyone have any recross based on 24 Mr. Jetter's questions? 25 (No response.)

1	CHAIRMAN LEVAR: I'm not seeing any
2	indication.
3	Okay. Commissioner Clark, do you have any
4	questions for Mr. Lubow?
5	
6	CROSS-EXAMINATION
7	BY COMMISSIONER CLARK:
8	Q. I just have a question related to the 60/40
9	allocation, the factor that we've discussed today.
10	And I'm quite familiar with your surrebuttal
11	testimony on the subject, but do you have anything
12	more to say than you've said here with respect to
13	Mr. Summers' the logic that Mr. Summers sees in
14	using the system load factor as for the throughput
15	percentage as opposed to 40 percent? In other words,
16	32 as opposed
17	A. Right.
18	Q to 40?
19	A. Only this: It's nice to be able to when
20	you're a decision-maker or a party in the case to
21	be able to have empirical evidence that supports some
22	finding. So it's nice to be able to say, "Look to
23	this kind of a allocation factor. I don't find it
24	particularly compelling."
25	As a decision-maker, I think I'd recognize

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2that is designed to reflect diversity system3diversity among different kinds of customers.4And whether it's 60/40 or 68/32, it's hard5for me, as an expert witness, to say why where6this Commission should come down in one place as7versus another. The only place I would help maybe8hang my hat on the 60/40 a bit more is that9historically, it's kind of skewed to that result.10And if we're going to look at a lot of other factors11in the next case and defer things that maybe each of12the parties is recommending now for deeper13consideration, I'd probably be somewhat biased more14towards the 60/40.15Q. Thank you.16COMMISSIONER CLARK: That concludes my17examination.18CHAIRMAN LEVAR: Commissioner White?19COMMISSIONER WHITE: I have no questions.20Thank you.21CHAIRMAN LEVAR: I don't have anything else.22Thank you, Mr. Lubow. Thank you for your23testimony today.24Mr. Jetter?25MR. JETTER: Thank you. The Division would	1	this for what it is, which is a hybrid allocation
4And whether it's 60/40 or 68/32, it's hard5for me, as an expert witness, to say why where6this Commission should come down in one place as7versus another. The only place I would help maybe8hang my hat on the 60/40 a bit more is that9historically, it's kind of skewed to that result.10And if we're going to look at a lot of other factors11in the next case and defer things that maybe each of12the parties is recommending now for deeper13consideration, I'd probably be somewhat biased more14towards the 60/40.15Q. Thank you.16COMMISSIONER CLARK: That concludes my17examination.18CHAIRMAN LEVAR: Commissioner White?19COMMISSIONER WHITE: I have no questions.20Thank you.21CHAIRMAN LEVAR: I don't have anything else.22Thank you, Mr. Lubow. Thank you for your23testimony today.24Mr. Jetter?	2	that is designed to reflect diversity system
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 15 Q. Thank you. 16 COMMISSIONER CLARK: That concludes my 17 examination. 18 CHAIRMAN LEVAR: Commissioner White? 19 COMMISSIONER WHITE: I have no questions. 20 Thank you. 21 CHAIRMAN LEVAR: I don't have anything else. 22 Thank you, Mr. Lubow. Thank you for your 23 testimony today. 24 Mr. Jetter? 	13	consideration, I'd probably be somewhat biased more
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 18 CHAIRMAN LEVAR: Commissioner White? 19 COMMISSIONER WHITE: I have no questions. 20 Thank you. 21 CHAIRMAN LEVAR: I don't have anything else. 22 Thank you, Mr. Lubow. Thank you for your 23 testimony today. 24 Mr. Jetter? 	16	COMMISSIONER CLARK: That concludes my
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 20 Thank you. 21 CHAIRMAN LEVAR: I don't have anything else. 22 Thank you, Mr. Lubow. Thank you for your 23 testimony today. 24 Mr. Jetter? 	18	CHAIRMAN LEVAR: Commissioner White?
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22 Thank you, Mr. Lubow. Thank you for your 23 testimony today. 24 Mr. Jetter?	20	Thank you.
<pre>23 testimony today. 24 Mr. Jetter?</pre>	21	CHAIRMAN LEVAR: I don't have anything else.
24 Mr. Jetter?	22	Thank you, Mr. Lubow. Thank you for your
	23	testimony today.
25 MR. JETTER: Thank you. The Division would	24	Mr. Jetter?
	25	MR. JETTER: Thank you. The Division would

1	like to call and have sworn in
2	Mr. Douglas Wheelwright.
3	CHAIRMAN LEVAR: Mr. Wheelwright, do you
4	swear to tell the truth?
5	THE WITNESS: I do.
6	CHAIRMAN LEVAR: Thank you.
7	
8	DIRECT EXAMINATION
9	BY MR. JETTER:
10	Q. Mr. Wheelwright, would you please state your
11	name and occupation for the record?
12	A. My name is Douglas D. Wheelwright. I'm a
13	technical consultant supervisor for the Division of
14	Public Utilities.
15	Q. Thank you. And in the course of your
16	employment with the Division, have you had the
17	opportunity to review the application as well as the
18	filings from the various parties in this docket?
19	A. Yes, I have.
20	Q. And did you create and cause to be filed
21	with the Commission direct and surrebuttal testimony
22	in this docket?
23	A. I did.
24	Q. Do you have any corrections or edits you
25	would like to make to that?

1	A. No, I don't.
2	Q. I would if you were asked the same
3	questions in that prefiled testimony today, would
4	your answers be the same?
5	A. Yes, they would.
6	MR. JETTER: I'd like to move to enter into
7	the record the direct and surrebuttal testimony of
8	Douglas Wheelwright.
9	CHAIRMAN LEVAR: If anyone objects to that
10	motion, please indicate to me.
11	(No response.)
12	CHAIRMAN LEVAR: I'm not seeing objections,
13	so the motion is granted.
14	(DPU Exhibits 1.0DIR and 1.0SR were
15	admitted.)
16	MR. JETTER: Thank you.
17	BY MR. JETTER:
18	Q. Have you prepared a brief summary of your
19	testimony?
20	A. Yes, I have.
21	Q. Please go ahead.
22	A. Thank you.
23	Good afternoon, Commissioners. The Division
24	of Public Utilities has reviewed the testimony and
25	exhibits of the company witnesses as well as the

testimony and exhibits of the intervening parties. 1 2 The Division has also participated in meetings and 3 discussions with company representatives and has 4 submitted data requests in order to obtain additional information and clarification on specific issues. 5 6 In addition, the Division has hired Overland Consulting to help in the review and analysis 7 Mr. Howard Lubow from Overland has provided 8 process. 9 written testimony and analysis on behalf of the 10 Division and has provided testimony in the hearing 11 today. 12 The company has stated that one of the 13 primary goals or objectives of this phase of the case 14 is to bring each customer class to the calculated 15 full cost of service and has specifically identified 16 transportation customers as the class that is being 17 subsidized. The application states that large TS 18 customers were subsidized, and new -- were 19 subsidizing the new small customers in the class and 20 that movement of commercial customers from the GS 21 class to TS in recent years is one of the primary 22 reasons for the undercollection of this class in 23 total.

In response to data requests, the companyprovided a revised calculation to show the cost of

1 service for TS customers with usage less than 35,000 2 dekatherms compared to large-use customers. This analysis showed that under the current rate 3 4 structure, small TS customers are paying more than their fair share of the cost of service while larger 5 б TS customers are being subsidized by the other rate This new analysis was the exact opposite of 7 classes. what was originally presented as the reason for a 8 9 moratorium on the new customers moving to this class. 10 The company maintains the burden of proof to 11 demonstrate the need for a change in the rate 12 structure as provided conflicting information in this 13 case. If the smaller TS customers are meeting their 14 cost allocation requirements, the company should be 15 indifferent as to which customer class they fall 16 into. 17 The Division supports the company's effort 18 to bring all customer classes to full cost of service 19 and believes that additional study and analysis is 20 Any additional analysis should also include needed. 21 a more detailed explanation and review of the 22 potential impact of reduced GS sales volumes, how 23 they could have -- excuse me. 24 Any additional analysis should also include

25 | a more detailed explanation and review of the

potential impact that reduced GS sales volumes could 1 2 have on a company-owned supply provided by Wexpro. 3 Division would recommend that the company direct -- the Commission direct the company to 4 complete a more detailed review and analysis of these 5 issues and require the company to include specific 6 options and alternative recommendations for a 7 possible split in the TS class as part of the next 8 9 general rate case filing. The Division would also 10 support a similar view and analysis of a possible 11 split in the GS rate class as part of the next 12 general rate case filing. 13 The Division supports the proposed reduction 14 in the administrative fee for the TS customers, the 15 allocation of peak hour costs to transportation 16 customers, and supports the phased-in increase in the 17 TS rate spread evenly over a three-year period. 18 And that concludes my summary. 19 ο. Thank you. 20 Mr. Wheelwright is available MR. JETTER: 21 for questions and cross from the other parties. 22 CHAIRMAN LEVAR: Thank you, Mr. Jetter. 23 Mr. Snarr, do you have any questions for 24 Mr. Wheelwright? The Office has no 25 MR. SNARR: No.

1	questions.
2	CHAIRMAN LEVAR: Thank you.
3	Mr. Russell?
4	MR. RUSSELL: No questions. Thank you.
5	CHAIRMAN LEVAR: Mr. Mecham?
6	MR. MECHAM: Yes, thank you. I've got a
7	few.
8	
9	CROSS-EXAMINATION
10	BY MR. MECHAM:
11	Q. Good afternoon, Mr. Wheelwright.
12	A. Good afternoon.
13	Q. So as I understand it, your view's been
14	changed through this process as you've seen new
15	evidence come in that small TS customers actually are
16	providing return above the average system return?
17	A. The data request that was completed by the
18	company did show that small TS customers were
19	providing or meeting their cost of service
20	requirement, yes.
21	Q. And adding actually providing a return
22	beyond the average system return?
23	A. They were higher than the larger customers.
24	I'll say that.
25	Q. Okay. When you say that there has been

1	inconsistent evidence, what are you referring to?
2	A. Well, I think the initial application stated
3	that small customers were the problem and that they
4	were the cause of that the TS class was being
5	undercollected was the movement of customers from GS
6	to TS, that that was the root cause of problem. This
7	subsequent analysis does not show that that is the
8	cause.
9	Q. So in the initial filing, the company didn't
10	address that Division of the TS class, did it?
11	A. No.
12	Q. It came in response to data requests?
13	A. That's correct.
14	Q. And it showed just opposite of what the
15	narrative has been for many years, did it not?
16	A. Yes. That's correct.
17	Q. And you heard Mr. Summers say that the
18	narrative is shifting; correct?
19	A. Yes.
20	Q. And then in your testimony, in your
21	surrebuttal, you say that the moratorium may not be
22	necessary.
23	Is that still your testimony?
24	A. The moratorium, I think, can go either way,
25	depending on which how you look at this. And I

1 can argue both points. I think the moratorium would 2 be helpful to gain a clear understanding of those 3 customers that are in that class. I don't disagree 4 with that. However, if those small TS customers are 5 meeting their cost of service, the moratorium may not 6 be the best thing. So you can argue it both ways.

Q. But they are meeting their cost of service; correct? So you would really need to argue that the moratorium's not necessary under those circumstances.

10 I don't -- I wouldn't say that because Α. No. 11 we don't know how many customers would be moving to 12that class. If we have -- as Mr. Summers said, if we 13 have an additional 450 or 500 or 1,000 customers that 14 move to that class, that would cause a problem for If we have 20 customers, I don't think 15 the company. 16 it would be a problem, but we don't know. So the 17 moratorium may make sense, to freeze that until we 18 get a handle on what's going on within that collapse.

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Q. For three years?

A. That's the problem that I have. Three years is a long time. We've been talking about this issue for ten years now, and now we're going to go an additional three years. That's one of my concerns with the moratorium.

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Q. Does that strike you as unreasonable?

I don't know if there's another option 1 Α. 2 because the company will file a rate case every three 3 We can't do anything outside of a general vears. 4 So given those parameters, I don't know rate case. if there's another choice that we have. 5 But you recognize that the moratorium will 6 0. stop any movement whatsoever to the TS class and 7 prevent customers from the -- from enjoying the 8 9 savings that they have been? 10 Α. There's a lot of moving parts to this. 11 Customer savings, yes. There are also implications 12for the Wexpro agreement that we need to look at 13 this. We need to look at this in total. So I don't 14 think this is an easy answer with a moratorium. And 15 like I said, I can argue it both ways. 16 Wouldn't the TS class achieve its full cost 0. 17 of service faster by having customers join it that are actually producing return above the average 18 19 system? 20 Α. I don't know. 21 Well, wouldn't it stand to reason? Q. 22 The volumes of the smaller customers are not Α. 23 really significant. So I don't know if -- I don't 24 know if they -- what the correct answer is. I don't 25 know if it would improve it, or if we had additional

customers moving into that class, the exact impact. 1 2 We need more study. We need more analysis. 3 ο. But again, the direction, even for those 4 small customers, even if it's a slight increment, 5 it's still an improvement, is it not? It could be. It -- but again, we don't know 6 Α. what the impact's going to be if we have 500 7 customers, if we have 1,000 customers moving. 8 Ι don't know what the impact's going to be. 9 Or if we 10 have 50 customers moving into that class. So it's a 11 moving target that's difficult to try and get your 12arms around. 13 ο. Doesn't the evidence show that the large TS 14 customers are the ones that are underperforming? 15 Α. Yes, it does. 16 Should there be a moratorium on anyone 0. 17 joining that class? 18 I don't think that's a problem. I don't Α. 19 think we have many in the thousand dekatherm 20 customers. 21 And that's -- that is a problem. If they're ο. 22 the ones causing the problem, and the ones who aren't 23 causing the problem are prevented by the moratorium 24 from moving, how is that just and reasonable or fair? 25 Α. I think the charge of the company is to look

at their rates and make them fair. 1 If they have a 2 difficult time analyzing the data -- I don't know how 3 long it's going to take to pull the data together, to Three years is a long time. 4 do all this work. That's a concern that I do have. 5 So what's the solution? 6 0. The first thing we need to do, I believe, is 7 Α. to gather the data. I don't know -- again, the 8 9 challenge is we don't know what's going to happen to 10 this class if we don't put a moratorium on it. You know, based on some of the information, it looks like 11 12some of the smallest customers would have a decrease. 13 So if that were to occur, there may be a flood of new 14 small customers coming into this class. That would 15 impact the analysis process. 16 So again, I can argue it both ways. Ιf

so again, I can argue it both ways. If there's -- without a moratorium, we may have a flood of new customers. With a moratorium, nobody can come in. So I don't know if there is an easy answer, and we're going to leave that up to the Commission.

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Q. So what incentive is there to move quickly
if we have a three-year moratorium imposed?
A. To move quickly?

Q. To move quickly to do the analysis you're
talking about.

A. That's another one of my concerns. I would like to do this analysis quickly while we do have people who are engaged, people who are familiar with the case, people who are understanding of the issues. If we drag this out for three years, it's going to be very difficult to get people involved and to get them motivated to even participate.

Q. What confidence do any of us have that the collaborative process is going to be more productive than what's been happening in the last seven, eight years?

12Α. We don't have any assurance. If -- but I 13 would hope, and it's my recommendation that the -- I 14 would hope that the Commission would order the company to move forward. And it may take that. 15 16 We've been looking at this for a number of years. So it may take an order or some kind of direction from 17 18 the Commission to move this forward. Or as an 19 alternative, the Division could also act and initiate 20 some -- a proceeding to move this information forward 21 and to gather that information.

The other challenge that we have is the company has all the data. We don't have that. So we do rely on the company to provide that information.

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Q. But who benefits from a moratorium?

1	A. I don't know if who would benefit.
2	Q. Well, the customers looking to make a change
3	won't benefit, will they?
4	A. No. If one of the examples was the
5	savings to school districts. If they were if
6	there was a moratorium, they would not be able to
7	achieve those savings.
8	Q. And is that as I said to Mr. Summers, I
9	mean, those savings for the school districts was
10	nearly \$5 million in 2019. Is it so all of those
11	customers who yet may move forego whatever the level
12	of savings is. Is that a benefit to them?
13	A. No.
14	Q. What would you expect to happen to the
15	number of TS customers if there's a moratorium?
16	A. If there's a moratorium, there won't be any
17	increase in the TS customers.
18	Q. Can you tell us what will happen to the TS
19	class dekatherms with a moratorium?
20	A. I would imagine that the volumes would stay
21	roughly the same as they are today. I don't think
22	you're going to have any increases if there's no new
23	customers.
24	Q. And have you given any thought as to what
25	would happen to TS contract demands with a

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1	moratorium?
2	A. I don't think there would be any change with
3	the moratorium to anything.
4	Q. So how do you provide incentive to the
5	company to do this analysis in less than three years?
6	I mean, do you let me restate that.
7	Does a moratorium give the company any
8	incentive to do the kind of analysis you're talking
9	about?
10	A. Not directly, but I think indirectly, they
11	are motivated. We've been looking at this for a
12	number of years. I think indirectly there is some
13	motivation to get this reviewed and analyzed. This
14	is a priority for the Division as well.
15	Q. This is the only area well, let me
16	restate that.
17	Isn't this the only one of if not the
18	only area where there's just a modicum of
19	competition?
20	A. What do you mean by that?
21	Q. We're dealing with a public utility that is
22	a sole single provider. The TS class actually
23	enables customers to purchase their own gas on the
24	market, and that won't be available for three years
25	under the moratorium; is that correct?

1	A. Yes.
2	Q. So competition's gone; is that correct?
3	A. Yes. Well yes.
4	Q. So whether it's the intent of the company or
5	not to engage in anticompetitive activity, it's the
6	result, is it not?
7	A. It's a consequence of the condition they're
8	in today. If the Commission decides that there needs
9	to be a moratorium, there would not be any
10	opportunity for people to move to that class for
11	three years. I don't think that's unheard of.
12	Q. Well, that's a good question. Where have
13	you heard of it?
14	A. I don't have any specific examples that I
15	have researched. Mr. Lubow and I were discussing
16	he's familiar with other situations where there have
17	been moratoriums on specific rate classes in other
18	districts, in other jurisdictions.
19	Q. For three years?
20	A. I don't know how long they were.
21	MR. MECHAM: Okay. I think I'm done.
22	THE WITNESS: Thank you.
23	CHAIRMAN LEVAR: Thank you, Mr. Mecham.
24	Major Kirk or Captain Friedman, any
25	questions for Mr. Wheelwright?

1	MAJOR KIRK: Yes, sir.
2	
3	CROSS-EXAMINATION
4	BY MAJOR KIRK:
5	Q. You said that based on the new data that was
6	available, it seemed that the customers in the TS
7	class the small customers in TS class were
8	subsidizing the large customers in the TS class.
9	Is that an accurate statement?
10	A. That's the way it looks, yes.
11	Q. And what model is that based off of?
12	A. It's based on the company's model. They did
13	the analysis.
14	Q. And that's not based on a 100 percent design
15	day model like Mr. Collins proposes?
16	A. I don't believe it is.
17	Q. And so you're not sure, under that model,
18	whether small TS customers are actually subsidizing
19	large TS customers if the Commission chose to adopt
20	that model
21	A. I don't know.
22	Q based on the
23	A. I don't know.
24	Q. Is it fair to say that from the beginning of
25	the case to where we are now, we're not really sure

1	what the accurate cost is, then, within the TS class?
2	A. There's been a lot of changes within this
3	within the filing.
4	Q. But the Division still supports a 46 percent
5	increase to the TS class; is that correct?
6	A. The Division supports bringing all customer
7	classes up to full cost of service.
8	Q. But we're not exactly sure what the cost of
9	service is, is what you just said?
10	A. We don't we haven't filed the
11	Commission has not ruled on a revenue requirement, so
12	we don't know what the full cost is going to be for
13	each class.
14	Q. There's a discussion about moratorium and
14 15	Q. There's a discussion about moratorium and letting new customers move into the TS class. If we
15	letting new customers move into the TS class. If we
15 16	letting new customers move into the TS class. If we don't really know what the cost of service is for the
15 16 17	letting new customers move into the TS class. If we don't really know what the cost of service is for the TS class, perhaps we should have a moratorium on
15 16 17 18	letting new customers move into the TS class. If we don't really know what the cost of service is for the TS class, perhaps we should have a moratorium on changing the cost of service for customers until we
15 16 17 18 19	letting new customers move into the TS class. If we don't really know what the cost of service is for the TS class, perhaps we should have a moratorium on changing the cost of service for customers until we figure that out first.
15 16 17 18 19 20	<pre>letting new customers move into the TS class. If we don't really know what the cost of service is for the TS class, perhaps we should have a moratorium on changing the cost of service for customers until we figure that out first. Would that be a proposal that the Division</pre>
15 16 17 18 19 20 21	<pre>letting new customers move into the TS class. If we don't really know what the cost of service is for the TS class, perhaps we should have a moratorium on changing the cost of service for customers until we figure that out first.</pre>
15 16 17 18 19 20 21 22	<pre>letting new customers move into the TS class. If we don't really know what the cost of service is for the TS class, perhaps we should have a moratorium on changing the cost of service for customers until we figure that out first. Would that be a proposal that the Division would be open to? A. I have not recommended that. I have not</pre>

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Any cross-examination from Ms. Clark or
Mr. Sabin?
MS. CLARK: No questions. Thank you.
CHAIRMAN LEVAR: Any redirect, Mr. Jetter?
MR. JETTER: Just a brief couple of redirect
questions.
REDIRECT EXAMINATION
BY MR. JETTER:
Q. You've been asked a number of questions
about the effect of customers moving in and out of
the TS class with or without a moratorium and as
well as potential TS customers that would move in or
out of the TS class above the 35,000 dekatherm limit.
Do you have any ability, at this time, to
know what the effects would be without knowing what
the rate outcome the rates that would be set at
the outcome of this hearing would be?
A. No.
MR. JETTER: That's my only follow-up
question. Thank you.

22 CHAIRMAN LEVAR: Any recross based on 23 Mr. Jetter's questions? 24 (No response.) 25

CHAIRMAN LEVAR: I'm not seeing any.

1	Okay. Commissioner Clark, do you have any
2	questions for Mr. Wheelwright?
3	COMMISSIONER CLARK: Yes.
4	
5	CROSS-EXAMINATION
6	BY COMMISSIONER CLARK:
7	Q. So regarding the moratorium, your I'll
8	call it equivocal I don't mean that in a
9	pejorative way, but recommendation regarding
10	whether the Commission implements it or not, is that
11	reflecting uncertainty on your part regarding the
12	entirety of the information that's been presented
13	regard on the TS cost allocations evidence as it's
14	been presented in the case?
15	In other words, do you lack conviction about
16	this latest information that you've received from the
17	company and the cost recovery in the small TS
18	customer element, or or is there some other reason
19	for you to doubt whether or not a moratorium ought to
20	be imposed?
21	A. I think one of the things that Mr. Summers
22	said is the analysis that was done only looks at one
23	small portion of this. We don't know if the split at
24	35,000 is correct. We don't know if the split ought
25	to be 10,000 or 100,000. There are there's a lot

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of unknowns with the information. 1 That was one run 2 that was done by the company. It was done with the 3 company's model, but we don't know if that's the 4 correct spot. There's still a lot of unanswered 5 questions. Do you have a view of what kind of 6 0. information would persuade you that you -- in a way 7 that you could say unequivocally to the Commission 8 9 that is your recommendation, that we impose the 10 moratorium because unintended consequences are going to result if we don't? 11 12Is there a scenario that would make this 13 more clear that you can articulate? 14 The company has -- well, let me qualify this Α. is little bit. There's a lot of moving parts to 15 16 this. One of the aspects that has not been explored 17 very well is the Wexpro production. Wexpro has some caps on it, and we can't ignore that. 18 That's part of 19 the way the company has to do business. We need to 20 explore that further and see how that's going to play 21 into this whole scenario. 22 So I think there's a lot of moving parts 23 that we need to address and analyze and really 24 understand clearly. 25 COMMISSIONER CLARK: I don't have any

1 further questions. Thank you. 2 CHAIRMAN LEVAR: Commissioner White? 3 4 CROSS-EXAMINATION 5 BY COMMISSIONER WHITE: Good afternoon. Just one brief question. 6 0. Obviously, it's been outlined in pretty great detail, 7 the -- kind of the pros and cons of this moratorium 8 9 This concept, is this something that concept. would -- the only possible installation of the 10 11 moratorium would occur at the conclusion or the order 12 of this rate case? 13 In other words, is this something that could 14 be monitored by the Division or other parties and --15 as to see what potential consequences were to occur 16 based upon the outcome of the order? 17 Is that something that the Division has 18 evaluated or --19 We haven't evaluated it. That certainly Α. 20 would be an option. 21 And what would you, without -- obviously I'm 0. 22 putting you a little bit on the spot here, but what 23 might that look like in terms of, you know, the 24 monitoring and what type of action or request would 25 the Division potentially make, or other party, to --

as that would be monitored? 1 2 Let me think about this for a minute. Α. One of the challenges you're going to --3 4 that you would have is there's only one chance during 5 the year for customers to move from GS to the 6 transportation service. Once they've made that election, it's too late. If we have 1,000 new 7 customers who signed up, it's too late. And we don't 8 9 have a choice to go back and say, "Wait a minute. We 10 want to put a moratorium on this." 11 So that's the challenge that you've got, 12 where you've only had -- you know, if it was -- if 13 there were a provision where periodically we could 14 see how many customers were moving to that class, we 15 could monitor that on a regular basis and see we've 16 had 100 customers this month, 200 the following 17 month, 300 the following month. We don't have that 18 luxurv. There's one time a year when customers can 19 move. 20 So potentially there would only be like one 0. 21 bite of apple a year? 22 One bite, yeah. Α. 23 Q. Okay. 24 COMMISSIONER WHITE: That's all the 25 questions I have. Thank you.

1	CHAIRMAN LEVAR: I don't have anything else,
2	Mr. Wheelwright. Thank you for your testimony.
3	THE WITNESS: Thank you.
4	CHAIRMAN LEVAR: Why don't we break until
5	let's just say 3 o'clock by that clock. Thank you.
6	(A brief recess was taken.)
7	CHAIRMAN LEVAR: Okay. We're back on the
8	record.
9	And at this point, now we'll go to Mr. Snarr
10	for the Office for your witness.
11	MR. SNARR: Yes, thank you. We'd like to
12	call as a witness Mr. Jim Daniel.
13	CHAIRMAN LEVAR: Mr. Daniel, do you swear to
14	tell the truth?
15	THE WITNESS: Yes.
16	CHAIRMAN LEVAR: Thank you.
17	
18	DIRECT EXAMINATION
19	BY MR. SNARR:
20	Q. Good afternoon, Mr. Daniel.
21	A. Good afternoon.
22	Q. Would you state your name and for the
23	record and your address?
24	A. My name is James Daniel. Business address
25	is 919 Commerce Avenue, Austin, Texas.

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1	Q. And with respect to this proceeding, by whom
2	are you employed or contracted for?
3	A. I'm employed by the Office of Consumer
4	Services.
5	Q. And in connection with this proceeding, have
6	you had a chance to review the filings and documents
7	related to the Phase II cost allocation and rate
8	design issues?
9	A. Yes.
10	Q. And as a result of that review, have you
11	produced or caused to be produced testimony and
12	exhibits for submission in this proceeding?
13	A. I have.
14	Q. And would that include your direct
15	testimony, which was submitted on November 14th of
16	2019, along with exhibits; and rebuttal testimony
17	submitted on December 13th, 2019, along with rebuttal
18	exhibits; and surrebuttal testimony submitted on
19	January 6th, 2020, along with exhibits? Is that
20	correct?
21	A. Yes.
22	Q. And do you have any corrections or changes
23	to make to any of those documents?
24	A. I do not.
25	Q. And if you were asked the same questions

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1	today, would your answers be the same?
2	A. Yes, they would.
3	Q. Thank you.
4	MR. SNARR: We'd like to offer those
5	exhibits that have been identified for admission.
6	CHAIRMAN LEVAR: If anyone objects to that
7	motion, please indicate to me.
8	(No response.)
9	CHAIRMAN LEVAR: I'm not seeing any
10	objections, so it's granted.
11	(OCS Exhibits 4D, 4.1D - 4.3D, 4SR, and
12	4.1SR - 4.2SR were admitted.)
13	BY MR. SNARR:
14	Q. Now, Mr. Daniel, have you prepared a summary
15	of your testimony?
16	A. Yes, I have.
17	Q. Would you please present that now?
18	A. Yes.
19	For several rate cases in many years, the
20	transportation service customer class has been
21	receiving significant subsidies at the expense of
22	other customer classes. In previous rate cases
23	excuse me. It's allergy season in Austin, and my
24	sinuses are giving me fits.
25	In previous rate cases, gradualism has been

proposed to gradually reduce or eliminate these 1 2 interclass subsidies. Those gradual plans have done 3 little to reduce these longstanding subsidies. 4 In this case, DEU initially proposed to eliminate the subsidies at once based on its proposed 5 6 cost of service study. While DEU's objective to eliminate the interclass subsidies makes sense, DEU's 7 cost of service is flawed. And I'll talk about 8 9 several of the issues that I have with the cost of 10 service study. The first is the design day/throughput 11 12 allocation factor. One of the more contested issues 13 in this case is the proper classification and 14 allocation of the costs related to the intermediate 15 high-pressure distribution system costs, or the IHP 16 system. In its initial application, DEU classified 17 18 60 percent of the IHP cost as demand-related and 19 allocated those on a demand day -- demand allocator 20 and classified 40 percent as commodity related and 21 allocated those costs on a throughput allocator. 22 This cost method recognizes that a portion of the IHP 23 system is used to meet peak demand and that another 24 portion is used year-round.

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As the 40 percent weighting factor of the

1 throughput component decreases, more costs are 2 allocated to the GS class and less cost allocated to 3 the TS customer class. 4 ANGC and UAE propose to reduce the 40 percent weighting factor to 32 percent, and the 5 6 FEA proposes to reduce it to zero. The DPU originally proposed to classify 50 percent on design 7 day peak demand and 50 percent on throughput. 8 The 9 DPU proposal is commonly referred to as a seaboard 10 methodology. 11 The DPU also pointed out that the demand-related costs should be allocated using a test 12 13 year peak demand allocator rather than the design day 14 peak demand. I believe DPU's original 50 percent 15 recommendation provides the best resolution for this 16 issue because it offsets some of the problems with 17 using a design day demand allocation factor. 18 Next issue is the allocation of general 19 plant depreciation expenses. By underallocating 20 costs to the NGV customer class, DEU attempts to hide 21 another interclass subsidy. DEU has incorrectly 22 allocated general plant depreciation and therefore 23 underallocates costs of NGV class. General plant 24 depreciation expenses should be allocated based on 25 allocation of general plant; i.e., the plant that

1 causes the depreciation expenses.

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Next issue is the allocation of costs to interruptible service customers. DEU is proposing to change the methodology of allocating demand-related costs to interruptible customers that was approved by the Commission in DEU's last litigated rate case, Docket No. 07-057-13. The company is making the same arguments in this case and does not provide any support for this change. The Commission should again reject the DEU's proposal.

Next issue is a revenue distribution. As previously mentioned, eliminating the interclass subsidies at one time will result in significant rate increases for some customer classes.

15 Another highly contested issue in this case 16 is whether gradualism should be used to mitigate 17 these significant increases. Of course, the level of the overall revenue increase proved -- or decrease 18 19 approved by the Commission will impact the need for 20 gradualism. UAE's gradualism proposal of a 21 three-step, two-year approach to eliminate the 22 interclass subsidies is an acceptable proposal and 23 should be approved. I would also propose that the 24 percent increase in each of those steps be an equal 25 33.3 percent.

Next issue is a GSU -- GS rate design. DEU is proposing a major rate redesign of the GS class. At the same time, DEU is proposing to delay changes to the TS rate design due to anticipated customer migration issues. DEU has not properly supported the proposed GS rate design changes and not -- has not shown the impacts on the various types and sizes of GS customers.

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As shown on my Exhibit OCS 4.3D, the
company's rate redesign proposal will increase some
GS customers' bills by over 40 percent while
decreasing other GS customers' bills by 13 -- or
15 percent. For these reasons, I recommend DEU's
proposed GS rate redesign be rejected.

15 Next issue is rate TBF class. Customers 16 receiving service under rate TBF have the option of 17 bypassing the DEU's system and connecting directly 18 with another pipeline. In order to retain these 19 customers, DEU provides rate discount under rate TBF. 20 In my direct testimony, I demonstrate that one of the two customers taking service under rate TBF should no 21 22 longer receive a rate discount. DEU did not rebut my 23 testimony on this issue. Commission should require 24 DEU to move this customer from the discounted TBF 25 rate to the appropriate rate schedule.

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1	Last issue is the rate TS customer class
2	composition. DEU is proposing to limit the
3	availability of transportation service in the future
4	to only customers with gas consumption of 35,000
5	dekatherms or more. This proposal, along with
6	eliminating the subsidy received by rate TS, could
7	cause small TS customers to move back to bundled
8	service under rate GS. This customer migration
9	concern is DEU's reason for not redesigning the TS
10	rate design.
11	I recommend Commission disallow DEU's 35,000
12	dekatherm minimum use provision on a permanent basis,
13	and I have not been convinced that a moratorium is
14	necessary. In addition, I recommend that the
15	Commission require DEU to split the TS customer class
16	into two transportation service classes: One for
17	small customers and one for large customers.
18	Thank you.
19	MR. SNARR: Mr. Daniel is available for
20	cross-examination.
21	CHAIRMAN LEVAR: Thank you, Mr. Snarr.
22	Mr. Jetter, do you have any questions for
23	Mr. Daniel?
24	MR. JETTER: I have no questions. Thank
25	you.

1	CHAIRMAN LEVAR: Mr. Russell?
2	MR. RUSSELL: Yes. Thank you.
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4	CROSS-EXAMINATION
5	BY MR. RUSSELL:
6	Q. Much of the subject matter of your testimony
7	in this docket has been the subject matter of other
8	witnesses' testimonies, so I'm going to focus my
9	cross-examination on two issues.
10	One is your proposal to use a 50/50 demand
11	and throughput factor. You, in your direct
12	testimony, did not take a position one way or another
13	on any adjustment to the demand and throughput
14	factor; correct?
15	A. That's correct.
16	Q. And it was in your rebuttal testimony that
17	you noted that the Division's witness, Mr. Lubow, had
18	proposed a 50/50 weighting factor; correct?
19	A. That's correct.
20	Q. And it was in response to Mr. Lubow's
21	testimony adopting that 50/50 weighting that you
22	agreed with his reasoning and have adopted the 50/50;
23	right?
24	A. That's correct.
25	Q. Okay. And as Mr. Lubow testified earlier,

1	it's no longer his position; correct?
2	A. Yes. I believe he's moved to 60/40 percent.
3	Q. Okay. Do you have a copy of your direct
4	testimony?
5	A. Yes.
6	Q. I'll ask you to turn to line 185 of your
7	direct, please.
8	A. I have that.
9	Q. I should note that we're going to switch
10	gears a little bit, moving away from the design to
11	the demand throughput factor and to your
12	recommendation to impose peak demand costs on
13	interruptible customers.
14	And I want to explore one aspect of your
15	testimony on that, which actually comes in response
16	to the question that's posed at line 192. And you
17	state the question there is: "What is your
18	recommendation regarding the allocation of costs to
19	interruptible customers?"
20	And you state that you ultimately, that
21	you support imposing those peak costs to
22	interruptible customers. And I'm focusing on the
23	last sentence here: "Changing this allocation factor
24	reduces the costs allocated to the GS class by
25	approximately \$54,000."

1	Do you see that?
2	A. Yes, I do.
3	Q. Does that number not seem low to you?
4	A. Well, I don't think so.
5	Q. Okay. I will note that I walked through
6	Mr. Lubow's Exhibit 6.3, which, of course, uses some
7	different inputs than yours does, where the change
8	from there from the Division's base case, or at
9	least the base case that was identified in
10	Mr. Lubow's direct testimony, to this same allocation
11	imposing peak day demand costs on interruptible
12	customers resulted in something like a \$2 million
13	reduction in cost to the GS class.
14	Did you review those exhibits?
15	A. I did not.
16	Q. Okay. And just to figure out where this
17	\$54,000 number comes from, I think we get the answer
18	to that in the question and answer immediately before
19	it, which is where we started, at line 185. The
20	question is: "Has DEU provided the information
21	necessary to allocate costs to the interruptible
22	customers consistent with the Commission's order in
23	the 2007 docket"; right?
24	A. That's correct.
25	Q. Okay. And you point to OCS data

1	request 2.18; right?
2	A. Yes, that's what I've used.
3	Q. Okay. And you provide the result of that
4	data request 2.18 in your excuse me in your
5	Exhibit OCS 4.2D; right?
б	A. Yes. I believe that's a copy of the
7	response to a data request.
8	Q. Right. It is the it is. It's the the
9	information there is what was included in the
10	attachment to the response, I think, to 2.18, if
11	memory serves.
12	A. I believe that's correct.
13	Q. Okay. In response to OCS 2.18, do you
14	understand that that response was providing
15	information that calculates peak usage by the IS
16	class or by all interruptible customers?
17	A. Not sure I understand the distinction you're
18	trying to make.
19	Q. Sure. You understand that there is a class
20	of customers that is the interruptible sales class,
21	the IS class; right?
22	A. Correct.
23	Q. And there are also interruptible customers
24	in other classes, specifically the TS class; right?
25	A. That's my understanding.

1	Q. Okay. And do you understand well, I
2	guess maybe I should back up.
3	Is your proposal to allocate peak demand
4	costs limited to the IS class, or is it for all
5	interruptible volumes?
6	A. Well, my proposal is to copy what the
7	Commission approved in the previous docket.
8	Q. Okay. Do you know and I've got OCS 2.18
9	here. It the attachment provides the same table
10	that you have on the your first page of 4.2D. The
11	response the written response provides the actual
12	request in response. And maybe it would be useful to
13	hand that out, so I'll do that now.
14	MR. RUSSELL: And this will be marked as
15	UAE Cross Exhibit 1.
16	(UAE Cross Exhibit 1 was marked for
17	identification.)
18	CHAIRMAN LEVAR: Did we get a copy to the
19	court reporter?
20	BY MR. RUSSELL:
21	Q. Okay. I've handed you what's been marked as
22	UAE Cross Exhibit 1. And do you recognize this as
23	the written response to OCS data request 2.18?
24	I guess I should clarify that
25	UAE Cross Exhibit 1 is two pages. The first page is

	January 15, 2020 Page 2
1	the written response to OCS data request 2.18. The
2	second page is actually was actually delivered as
3	a separate sheet document that was titled "Attachment
4	OCS 2.18."
5	Do you recognize this document?
6	A. Yes, I do.
7	Q. Okay. The request submitted by OCS sought a
8	revised design day allocation factor calculation that
9	includes an allocation to interruptible customer
10	classes consistent with the Commission's order in the
11	2007 docket; right?
12	A. Yes, it does.
13	Q. Okay. Did you review this information when
14	you received it?
15	A. I believe I did, yes.
16	Q. Did you review it to determine whether you
17	had received a an allocation to all customer
18	all interruptible customer volumes or excuse me
19	yeah, all interruptible volumes or whether you
20	received an allocation to interruptible customer
21	classes?
22	A. Not sure I reviewed it exactly the way you
23	described.
24	Q. Okay. If you look at the second page of
25	this exhibit, in the print down at the bottom of that

1	table, the top line of that print says: "Peak day
2	responsibility based on contract demand, TS, and TBF
3	or calculated peak." And in the parenthesis is GS,
4	FS, NGV, and IS; right?
5	A. Yes, that's what it says.
6	Q. So what you received in the response to the
7	data request was information related to the peak
8	usage of the IS on or the usage of the IS class on
9	peak day but the contract demand for TS on that day;
10	right?
11	A. Well, it doesn't distinguish between firm
12	or the contract demand is firm or not. That's
13	what this says, contract demand.
14	Q. And contract demand is firm demand; right?
15	A. Yes. Interruptible customer may have some
16	firm demand in addition to interruptible demand.
17	Q. Okay.
18	(Reporter clarification.)
19	THE WITNESS: Interruptible customer may
20	have firm demand in addition to interruptible demand.
21	BY MR. RUSSELL:
22	Q. So the calculation that you identify in your
23	testimony to get to this \$54,000 number is based only
24	on an allocation of peak day costs to the IS class;
25	right?

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1	A. Well, what it is intended to do is to
2	allocate costs consistent with the Commission's
3	ruling in the prior docket.
4	Q. And do you know whether the calculation that
5	you provided does that?
6	A. I thought it did. If it doesn't, then you
7	need to help me see where it doesn't do that.
8	MR. RUSSELL: No further questions.
9	CHAIRMAN LEVAR: Thank you, Mr. Russell.
10	Mr. Mecham, do you have any questions?
11	MR. MECHAM: I have none. Thank you.
12	CHAIRMAN LEVAR: Okay. Major Kirk or
13	Captain Friedman?
14	MAJOR KIRK: No questions.
15	CHAIRMAN LEVAR: Okay. Ms. Clark or
16	Mr. Sabin?
17	MS. CLARK: I do. I have a couple of
18	questions.
19	
20	CROSS-EXAMINATION
21	BY MS. CLARK:
22	Q. Good afternoon.
23	A. Good afternoon.
24	Q. Mr. Daniel, you indicate in your surrebuttal
25	testimony that DEU hasn't shown that a discount is

1 necessary to preserve the NGV class and that 2 therefore it should not be approved; isn't that 3 correct? 4 Α. That is -- correct, yes. Okay. Would you agree, subject to check, 5 ο. that in 2013, the tariff rate for the NGV class was 6 \$5.43 a dekatherm? 7 I'll accept that subject to check. 8 Α. 9 Subject to check? ο. 10 And would you agree, again, subject to check, that that tariff rate for the NGV class is 11 12currently \$6.58 a dekatherm, which is approximately a 13 21.2 percent increase from that 2013 rate? 14 Α. I can accept that. Would you also agree, subject to check, that 15 Q. 16 volumes from 2013 until now have decreased by 17 61.63 percent? 18 I don't know that, but I'll accept --Α. 19 Would you --Ο. 20 Α. -- that. 21 -- accept my representation for purposes of Q. 22 this -- of the questions? 23 Α. Yes. 24 0. Thanks. 25 And would you agree, again, subject to

1	check, that your proposal would bring the tariff rate
2	to \$12.05 a dekatherm, which is roughly a percentage
3	increase of 83 percent above the current tariff rate
4	and more than 100 percent over the 2013 rate?
5	A. I believe Mr. Summers made that calculation,
6	yes.
7	Q. Is it your position that an increase from
8	\$6.58 to \$12.05 per dekatherm will not adversely
9	impact the NGV class?
10	A. That's a significant increase.
11	Q. You've also acknowledged in your testimony
12	that the Utah State Legislature has expressed support
13	for discounting the rate to this class. And I think
14	you even cited the Code, Section 54-4-13.1 of the
15	Utah Code; correct?
16	A. Yes.
17	Q. Is it your position today that the
18	Commission should ignore the legislative support and
19	the 100 roughly 100 percent increase that you
20	would recommend that your proposal would result
21	in?
22	A. That's not my testimony. My testimony is
23	that in order to discount the rate, you have to show
24	that it's necessary, and I have not seen anything
25	that would indicate that.

MS. CLARK: 1 I don't have any further 2 questions. 3 CHAIRMAN LEVAR: Thank you. Mr. Snarr, any redirect? 4 5 MR. SNARR: Yes. б 7 REDIRECT EXAMINATION BY MR. SNARR: 8 9 Mr. Daniel, with respect to the NGV-related ο. 10 issues, isn't it true that your primary concern was 11 the use of appropriate allocators to establish the --12what would be, in essence, the full cost that should 13 be associated with that class? 14 Α. Yes, it is. I think the costs should be allocated properly. And then if it's determined that 15 16 a discount is needed, then you look at that. And so if the cost allocation -- if the 17 Q. 18 application of appropriate cost allocations were 19 consistent with your proposal, would suggest a \$12.05 rate, you're also comfortable with following the 20 21 legislative initiative to discount that rate to 22 whatever might be required or justified by further 23 analysis; is that correct? 24 Α. Yes. If a discount's necessary, I have no 25 problem.

1	MR. SNARR: I have no further questions.
2	CHAIRMAN LEVAR: Thank you, Mr. Snarr.
3	Any recross based on those questions?
4	MS. CLARK: No.
5	CHAIRMAN LEVAR: Okay. Thank you,
6	Mr. Daniel oh, Commissioner Clark, do you have any
7	questions for Mr. Daniel?
8	
9	CROSS-EXAMINATION
10	BY COMMISSIONER CLARK:
11	Q. Just relative to the discount you were just
12	discussing, if that's imposed, then the costs that
13	would otherwise be recovered but for the discount
14	need to be allocated somewhere; is that right?
15	They need to be recovered through the other
16	rates that the company
17	A. Yes. It's be similar to the TBF discount
18	that get well, lost revenues get allocated back to
19	the other classes.
20	Q. Just one other question, and this really
21	is relates to the what I'll call the technical
22	tariff changes that DEU Witness Ipson reviewed with
23	us this morning. And I ask only because as far as
24	I'm aware, the Office hasn't articulated any position
25	with respect to any of those.

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1 And do you -- do you have a position or are 2 you aware of the Office's position? Can you help us 3 with that? 4 And I'm particularly interested in one The existing language says that 5 tariff modification. б "Supplier non-gas cost allocation levels will be established in general rate cases." Period. 7 And the modification would be "...and in other appropriate 8 9 proceedings." 10 And so I'm just wondering if the Office has 11 a position on the addition of that language in 12particular? 13 Α. Т --14 If you're aware. 0. 15 Α. I'm not aware of that. 16 0. Okay. 17 COMMISSIONER CLARK: Thanks. That's all my 18 questions. 19 Commissioner White? CHAIRMAN LEVAR: 20 COMMISSIONER WHITE: I have no questions. 21 Thank you. 22 And I don't have anything CHAIRMAN LEVAR: 23 Thank you for your testimony this afternoon. else. 24 THE WITNESS: Thank you. MR. SNARR: Can Mr. Daniel be excused now? 25

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1	CHAIRMAN LEVAR: Let me just ask if anyone
2	in the room has any objection to that?
3	(No response.)
4	CHAIRMAN LEVAR: And I'm not seeing any.
5	So thank for you for your testimony, and
б	safe travels.
7	THE WITNESS: Thanks.
8	CHAIRMAN LEVAR: Anything further,
9	Mr. Snarr?
10	MR. SNARR: No. Nothing further.
11	CHAIRMAN LEVAR: Okay. Then we will go to
12	Mr. Russell.
13	MR. RUSSELL: On behalf of UAE, I call
14	Kevin Higgins to the stand.
15	CHAIRMAN LEVAR: Good afternoon,
16	Mr. Higgins. I hope our streaming interruption
17	didn't cause you too much trouble this morning.
18	Do you swear to tell the truth?
19	THE WITNESS: I do.
20	CHAIRMAN LEVAR: Thanks.
21	
22	DIRECT EXAMINATION
23	BY MR. RUSSELL:
24	Q. Good afternoon, Mr. Higgins. Could you
25	please state your name and identify yourself for the

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 A. My name is Kevin C. Higgins. I am a consultant in the firm of Energy Strategies, and I'm here on behalf of UAE. Q. And you submitted prefiled testimony in this docket; correct? A. Yes. I did. Q. Specifically, you submitted direct testimony identified as UAE Exhibit 2.0, along with associated Exhibits 2.1 through 2.4; rebuttal testimony in the form of UAE Exhibit 2.0R, along with Exhibits 2.1R and 2.2R; as well as surrebuttal testimony identified as UAE Exhibit 2.0S; correct? A. Yes. 	
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9 identified as UAE Exhibit 2.0, along with associated 10 Exhibits 2.1 through 2.4; rebuttal testimony in the 11 form of UAE Exhibit 2.0R, along with Exhibits 2.1R 12 and 2.2R; as well as surrebuttal testimony identified 13 as UAE Exhibit 2.0S; correct?	
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12 and 2.2R; as well as surrebuttal testimony identified 13 as UAE Exhibit 2.0S; correct?	ne
13 as UAE Exhibit 2.0S; correct?	ર
	Eied
14 A. Yes.	
15 Q. And if I do you adopt that the	
16 testimony included in that prefiled testimony as your	your
17 testimony today?	
18 A. Yes.	
19 Q. If I asked you the same questions today,	
20 would you give the same answers?	
21 A. Yes.	
22 MR. RUSSELL: I will move for the admission	ion
23 of those identified exhibits or excuse me	
24 identified testimony and associated exhibits.	
25 CHAIRMAN LEVAR: If anyone objects to that	at

1	motion, please indicate to me.
2	(No response.)
3	CHAIRMAN LEVAR: I'm not seeing any, so the
4	motion is granted.
5	(UAE Exhibits 2.0 - 2.4, 2.0R - 2.2R,
6	and 2.0S were admitted.)
7	BY MR. RUSSELL:
8	Q. Mr. Higgins, you have you prepared a
9	summary of that testimony?
10	A. Yes, I have.
11	Q. Please proceed.
12	A. Thank you.
13	Good afternoon. My Phase II testimony
14	primarily addresses cost allocation, rate spread, and
15	transportation service rate design. I'll begin with
16	cost allocation.
17	There are two key threshold questions before
18	the Commission regarding cost allocation, and they
19	both pertain to allocation factor 230. Allocation
20	factor 230 is used to allocate the feeder system,
21	compressor station, and measuring and regulating
22	station costs. These items comprise approximately
23	40 percent of distribution gross plant.
24	There are two basic components or
25	classifications that are apportioned to classes using

Peak demand and throughput.

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allocation factor 230:

2 The first key question is whether peak demand should 3 be measured based on design day or based on the peak 4 date that occurred during the test period. In my experience, Dominion and its 5 predecessor, Questar Gas, has consistently maintained 6 that the proper measure of peak demand is design day 7 And that is absolutely correct, in my 8 demand. The design day deliverability is what the 9 opinion. 10 system was built for. If in the majority of years it 11 is not necessary to use the full delivery capability 12 of the system, that does not change the fact that 13 that capability is standing by and ready to be used 14 by the weather-sensitive classes if they need it. 15 TS customers do not have a free option on 16 firm service. They must contract and pay for firm 17 service through a demand charge, whether they fully 18 utilize all of their firm service or not. Τn 19 contrast, GS customers are not required to commit 20 contractually to a specific amount of firm demand. 21 They pay for what they use. But rather the customers 22 in this weather-sensitive class can call upon the 23 full deliverability of the system that was 24 constructed to serve them during the extremely cold 25 temperatures of the design day.

1 Some parties in this case choose to ignore 2 this fundamental fact. Instead, they recommend 3 allocating peak day costs based on usage levels other 4 than the design day. In my view, that is simply an attempt to shift responsibilities for the cost of a 5 6 system constructed to meet design day demand away from the temperature-sensitive GS class for whom 7 design day deliverability was built and onto 8 9 transportation and interruptible service customers. 10 This proposed cost shift is without merit and should 11 be rejected by the Commission.

12 The second key question is what respective 13 weightings should be applied to peak demand and 14 throughput when using allocation factor 230. Coming 15 into this case, Dominion advocated for a weighting of 16 60 percent on peak demand and 40 percent on 17 throughput. This weighting is arbitrary. As UAE has 18 pointed out in this case and the previous rate case, 19 an allocation factor that blends peak demand and 20 throughput is a clear example of the average and peak 21 method.

The average and peak method does not use an arbitrary weighting for the volumetric component. It uses system load factor for the weighting. This corresponds to the amount of the system that would be

1	utilized if all customers consumed gas at a
2	100 percent load factor. As such, it is a proxy for
3	base usage. The Dominion load factor is 32 percent,
4	and that is what UAE is recommending be used for the
5	volumetric weighting system load factor just as
6	prescribed in the NARUC cost allocation manual.
7	And I will note that ANGC witnessed
8	Mr. Oliver, with whom I have never communicated prior
9	to the following of our respective testimony in this
10	case, independently reached the very same conclusion
11	I have regarding the appropriate weighting of demand
12	and throughput, 68 to 32. And to its credit,
13	Dominion has since revised its position and concurs
14	with using this nationally recognized standard.
15	In contrast, the Division initially proposed
16	that instead of the arbitrary 60/40 weighting first
17	proposed by Dominion, an equally arbitrary 50/50
18	weighting should be adopted. This has the effect of
19	punitively shifting even more cost to the TS class,
20	notwithstanding the 45 and a half percent increase
21	already proposed by Dominion for the TS class in this
22	case. The Division has since pulled back to a $60/40$
23	recommendation. But the Office, which implicitly
24	started out at $60/40$, later gravitated to $50/50$
25	following the Division.

1 On the other hand, Mr. Oliver and I have not 2 changed our recommended weightings during the course 3 of this case. This is not a coincidence, as our 4 recommended weightings are not based on subjective 5 judgment.

6 An important related issue is the sub-question of whether interruptible customers 7 should be assigned peak day costs. The answer is no. 8 9 Assigning peak day costs to interruptible customers 10 is as illogical as it is inequitable. First of all, 11 the system is not built to serve interruptible 12 customers during design day weather. As Dominion has 13 made clear in its testimony in this case, 14 interruptible customers would be interrupted on a 15 design day.

Second, the fundamental rationale for using 16 17 a volumetric weighting in the averaging peak method 18 in the first place is that the volumetric component already allocates a fair share of fixed costs to 19 20 interruptible customers. And I'm referring here not 21 just to interruptible sales customers, but 22 interruptible transportation customers as well. 23 After allocating fixed system cost to interruptible 24 customers through the volumetric component, it is a 25 misapplication of the method to then turn around and additionally allocate peak day costs to those customers.

Third, allocating peak day costs to interruptible customers effectively eliminates any difference in the costs being allocated to firm service as distinct from interruptible service. And if we no longer differentiate between firm and interruptible service in cost allocation and the resultant pricing implications are adopted, why would any customer agree to take interruptible service going forward?

And if customers were no longer willing to take interruptible service because it no longer made any economic sense, the Commission and the company would have to contend with how big a system Dominion would need to construct to ensure firm service on the design day. I don't know the answer to this question, but I'm confident it is a much bigger system than the one we have today.

Let me turn now to rate spread and TS rate design. I am proposing to phase in the full cost-based increase to the TS class and the target increase to the transportation bypass firm class in three annual steps. Most, if not all, of the parties have responded favorably to this general idea of a

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three-step phase-in with respect to transportation service.

In my proposal, the Step 1 increase would be 25 percent of the total TS increase in order to provide some time to address rate design issues within that class in Steps 2 and 3. To that end, I recommend that the TS rate design for Steps 2 and 3 of my proposed phase-in period remain subject to further analysis, either through an extension of this docket or other means, that would allow for further examination of the relationship between TS demand and volumetric charges as well as among the volumetric blocks in setting the Step 2 and Step 3 rate designs.

However, if the Commission prefers to determine that Steps 2 and 3 TS rate design in its final order without deferring that decision by extending this docket or by opening a new one, then I recommend that the Commission approve the TS rate design approach I presented in UAE Exhibits 2.3, 2.4, and 2.2R attached to my Phase II direct and rebuttal testimonies.

As shown in these exhibits which apply to different total revenue requirements, I recommend an equal percentage increase to each TS volumetric rate in each step. I also recommend that the firm demand

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1	charge be increased by an equal amount per dekatherm,
2	a firm contract demand in each of the three steps.
3	Finally, I do not believe it is necessary to
4	split the TS class into small and large customer
5	groups at this time. Over the years, I've seen
6	conflicting analysis regarding the cost relationships
7	between small and large TS customers. Consequently,
8	I recommend maintaining a single TS class in this
9	case so as to minimize the disruption of TS customers
10	while further analysis is conducted.
11	And that concludes my summary.
12	Q. Thank you, Mr. Higgins.
13	MR. RUSSELL: Mr. Higgins is available for
14	cross-examination and Commission questioning.
15	CHAIRMAN LEVAR: And I think I'll start with
16	Mr. Mecham.
17	Do you have any questions for Mr. Higgins?
18	MR. MECHAM: Yes, thank you. I've got a
19	few.
20	
21	CROSS-EXAMINATION
22	BY MR. MECHAM:
23	Q. Hello, Mr. Higgins.
24	A. Hi, Mr. Mecham.
25	Q. In your surrebuttal, around lines 41 to 45,

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1	you say that well, you just noted that you don't
2	want to split the TS class at this time, and you say
3	there are discordant analyses defining the cost
4	relationships between the smaller and large customers
5	in the TS class.
6	Did I characterize that correctly?
7	A. Yes, you did.
8	Q. Are you referring to the evidence in this
9	case?
10	A. I'm referring, to a certain extent, at
11	evidence in this case. I'm starting with and
12	certainly there's been discussed, at some length, in
13	this case the data responses prepared by the company
14	that show, according to the company's cost of service
15	analysis, that the rates of return for smaller
16	customers were greater than for larger customers. So
17	that's one piece of evidence that has been discussed.
18	You know, in addition to that, in the
19	company's direct case, you know, the company raised
20	concerns about cost implications of smaller
21	customers. And over the years, I've seen analysis
22	prepared by the company that and it has been
23	referred to as cost curve analysis that shows the
24	declining cost to serve customers as they grow
25	larger.

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1	And so to me, from my perspective, I think
2	it would be useful and important to try to understand
3	the relationship between the cost of service results
4	that the company prepared in response to discovery
5	and its prior analysis that shows significantly
6	declining cost to serve transportation customers as
7	they get larger.
8	Q. Okay. Thank you.
9	You agree that in this case, at least in the
10	initial filing, the company didn't split the class or
11	provide any cost of service analysis with respect to
12	the TS class in a divided way?
13	A. Yes.
14	Q. And so in response, actually, to your data
15	request, they came back using their model. And it
16	showed, as you've already indicated, that the small
17	customers were providing a 9.11 percent return; is
18	that correct?
19	A. Yes.
20	Q. Is there anything has anyone other than
21	Mr. Oliver excuse me provided cost of service
22	analyses with respect to that division?
23	I mean, is that the only thing on the record
24	in this case?
25	A. I would say that I suppose it depends on how

1	one where one draws the line in the record. I
2	mean, the company has provided discovery to the
3	Office of Consumer Services that shows it's declining
4	cost curves for customers as they are get larger.
5	So I don't know that anyone's introduced that
6	discovery response into the record, per se, but it's
7	certainly been subject matter that's been addressed
8	as part of the proceeding, at least through
9	discovery.
10	Q. And you may have heard, when you were
11	listening, that Mr. Summers indicated that the
12	narrative that he provided in his direct and
13	actually, well before that has changed, that
14	it's at least based on the information in this
15	case, it the narrative was wrong.
16	Did you hear that?
17	A. I did.
18	Q. Okay. And again, in your surrebuttal, on
19	lines 146 to 148, you talk about inconsistent
20	information. Is that really the same sort of thing
21	you're talking about, that the company's providing
22	inconsistent information and you think, therefore,
23	it's premature to move?
24	A. Yes.
25	Q. And I know I'm getting specific here, but

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1	with respect to the evidence that we've seen in this
2	case and I'm really referring to Mr. Oliver's
3	exhibits that go to really to your data
4	request 201, there really isn't anything else that
5	we're that I'm aware of that shows how those cost
6	relationships are between the small and the large
7	customer; correct?
8	A. Well, I'm referring to it right here in this
9	surrebuttal that you're discussing with me.
10	Q. And what do you mean?
11	A. In this surrebuttal, I'm referring to the
12	Dominion TS cost curve analysis, which indicates a
13	significant decline in the cost per dekatherm for TS
14	customers as customer size increases.
15	Q. I'm not aware that that's on the record.
16	A. That statement's on the record.
17	Q. Okay. I agree with that. It's in your
18	surrebuttal. But as far as the backup data, I'm not
19	aware that that's there.
20	A. I did not submit the data response itself as
21	part of my testimony. Well, actually, hang on a
22	minute.
23	It actually is. Well, no. I'm just
24	actually, I just footnote to it. So I don't actually
25	have the data response in my testimony.

1	Q. And in that same response to your data
2	request 201, it shows pretty significant
3	underperformance for the larger customers above
4	35,000 dekatherms, does it not?
5	A. Yes.
6	Q75 percent; correct?
7	A. Correct.
8	Q. Did you hear Mr. Summers testify in or
9	did you read in his rebuttal, actually, that he
10	didn't use cost curves for TS customers in this case?
11	A. Yes.
12	Q. Okay. And would you agree that Dominion's
13	cost curves do not address variations in customer
14	load factors?
15	A. I agree.
16	Q. Okay. And then I'm turning back to your
17	surrebuttal, lines 41 to 45. You suggest that a
18	single TS class should be maintained to minimize the
19	disruption to TS customers.
20	What do you mean by that?
21	A. What I mean by that is that I am not
22	prepared to recommend to the Commission that the
23	entirety of any rate increase to the TS class should
24	be just assigned to larger customers, as Mr. Oliver
25	has recommended. And I again, we've talked about

The -- you know, it's not an 1 why I believe that is. 2 appropriate recommendation, at least at this time. 3 And so, you know, what I'm recommending, 4 essentially maintaining the class and providing a proportionate increase to the demand in volumetric 5 charges in my initial step. And then, you know, I've also recommended keeping the docket open to further explore the way in which the revenue requirement should be proportioned in Steps 2 and 3. Yet at the same time, if the Commission does not want to keep the docket open, then I have a default approach that is proportionate throughout the class. And, you know, part of that is the fact that reaching full cost, whether it's at UAE's recommended revenue requirement or at -- you know, even at the -you know, the cost allocation that I'm recommending, it's still going to be a substantial rate impact on TS customers. And I'm recommending to the Commission that they not do anything to exacerbate that rate impact by making it worse for some sectors of the class than for others.

- 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
- Q. I appreciate that.

Now, given the evidence in this case, if we do nothing, there's no splitting of the class and a moratorium is imposed. Doesn't that leave the small

customers producing above the average system return 1 2 and the large customers producing under, and 3 therefore there's a subsidy in the class from the 4 smaller to the larger? Is that a correct assessment? 5 That is potentially the case. 6 Α. However, at the same time, the data response that you're 7 referring to was performed at current rates, which 8 have current administrative costs, you know, embedded 9 10 in the analysis. And the company, as you know, has 11 proposed to significantly reduce those administrative 12 costs, which I support, and which provides, 13 proportionately, a smaller percentage increase on 14 smaller customers, all things being equal, because 15 the admin cost is a larger charge -- a portion of 16 their bill. 17 So there will be some mitigation for the 18 smaller customers just as a result of reducing the 19 admin fee as proposed by the company. Whether 20 there's a continuing subsidy beyond that really, I 21 believe, should be, you know, part of the subject of

22 future analysis.

Again, I haven't seen a mapping that reasonably connects the company's cost of service analysis to the declining usage per customer cost

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1 curves that the company has developed, and I think it 2 would be useful to have some time to explore and 3 understand that. But in that time, there are a lot of 4 0. customers that won't be able to move to the TS class 5 if this moratorium is imposed? 6 Potentially. And let me -- I -- you know, I 7 Α. think I was probably the first person in this case to 8 9 use the term "moratorium," and maybe I can clarify 10 that a little bit. 11 I use -- I suggested a moratorium as an 12alternative to a prohibition because I understood the 13 company's original proposal was simply to prohibit 14 customers with less than 35,000 dekatherm usage from 15 moving, in the future, to the TS class. I suggested 16 a moratorium which, by the way, I don't believe would 17 last three years, but would be two years under my 18 proposal, because I proposed that it would go away 19 when the TS class was at full cost rates. 20 Which, even though it's three steps, would 21 actually occur in two years because the -- you know, 22 there would be an immediate first step, followed by a second step and a third step, and that actually takes 23 24 place over two years starting from March 1st of 2020. 25 So -- but my notion of the moratorium was

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1	really for the Commission's consideration, because I
2	feel that the more important issue in the larger
3	scheme of things is to adopt a three-year phase-in of
4	moving to full cost. And to the extent that the
5	Commission would be concerned that a three-year
б	phase-in would cause customers to migrate who
7	otherwise would not migrate at full cost, then I
8	suggested that a moratorium might be appropriate in
9	combination with a three-year phase-in.
10	You know, if the Commission's not concerned
11	about that, then I you know, I personally would
12	see that the moratorium would not be necessary. But
13	it was really to defend the notion of having a
14	three-year phase-in and address any concerns the
15	Commission might have about allowing migration to the
16	class during that three-year phase-in which, as I
17	said, would I don't believe would be a two-year
18	a three-year moratorium, but rather a two-year
19	moratorium.
20	Q. The assumption is that the rates are going
21	to go up even for the small customers, small TS
22	customers; correct?
23	A. The block rates would go up; the admin
24	charge would come down.

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Q. Correct. But that movement in rates could

dissuade people from making the move, even without a moratorium?

A. Potentially.

Q. But a moratorium is going to shut down what little competition we have in this -- with this utility completely for however long the moratorium lasts; isn't that correct?

A. Well, I don't know that it shuts down competition. I would agree that it would remove a -or blunt a competitive incentive for customers who have not elected to move to -- you know, to the TS class up to this date. Certainly, for customers who already elected that option, they would still, of course, be participating in the competitive market.

But I would agree that it would certainly impede customers who are currently GS customers and would desire to -- you know, to migrate to TS in the next couple of years. I would agree it would be an impediment to that.

0MR. MECHAM: That's all I have. Thank you.1THE WITNESS: Thank you.

CHAIRMAN LEVAR: Major Kirk or
Captain Friedman, do you have any questions for
Mr. Higgins?

MAJOR KIRK: Just a couple quick questions.

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1 2 CROSS-EXAMINATION 3 BY MAJOR KIRK: 4 0. Sir, would you agree that demand or capacity costs don't vary with throughput or angle usage? 5 б Α. Yes. And although the peak and average 7 Q. methodology is recognized in the NARUC manual, would 8 9 you agree that the NARUC manual doesn't advocate for 10 its use? 11 Α. Correct. 12That's all. Thanks. MAJOR KIRK: 13 CHAIRMAN LEVAR: Thank you. 14 Mr. Snarr, do you have any questions for 15 Mr. Higgins? 16 No questions. MR. SNARR: 17 CHAIRMAN LEVAR: Thank you. 18 Mr. Jetter? 19 I have no questions. MR. JETTER: Thank 20 you. 21 CHAIRMAN LEVAR: Okay. Ms. Clark or 22 Mr. Sabin? 23 MR. SABIN: No questions. Thank you. 24 CHAIRMAN LEVAR: Okay. Any redirect? 25 (No response.)

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1	CHAIRMAN LEVAR: No?
2	Commissioner White, any questions?
3	COMMISSIONER WHITE: No questions. Thank
4	you.
5	CHAIRMAN LEVAR: Commissioner Clark?
6	COMMISSIONER CLARK: No questions. Thank
7	you very much.
8	CHAIRMAN LEVAR: I don't have any questions
9	either. Thank you for your testimony this afternoon.
10	THE WITNESS: Thank you.
11	CHAIRMAN LEVAR: Mr. Russell, is Mr. Swenson
12	here, or should we move on to
13	MR. RUSSELL: Mr. Swenson is here. I would
14	like a very brief moment to talk to him before we put
15	him on the stand. I don't know if it's time for a
16	break or if you wanted to go through to the end of
17	the day.
18	CHAIRMAN LEVAR: Well, yeah, why don't I go
19	ahead and ask the parties about that. And we could
20	go off the record for this, although it doesn't hurt
21	to stay on, I suppose.
22	You know, we have a public witness hearing
23	at 6:00. So we could take a brief break and go till
24	about 5:30, if there is no objection. On the other
25	hand, if we're going to be back tomorrow anyway, if

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1	parties prefer to wrap up and have a little bit
2	longer day tomorrow, I think from our end there's
3	no there's no preference either way.
4	And if there's no preference from anyone
5	else, I think we will just plan to go till about
6	5:30, unless anyone indicates that that's that
7	they object to doing that.
8	(No response.)
9	CHAIRMAN LEVAR: And I'm not seeing any
10	objections. So why don't we take about 15 minutes
11	right now, and then we'll plan to go until about 5:30
12	and then break for about a half an hour before the
13	public witness hearing.
14	(A brief recess was taken.)
15	CHAIRMAN LEVAR: Okay. We can go back on
16	the record. And at this point, we'll go back to
17	Mr. Russell for US Magnesium's witness.
18	MR. RUSSELL: Thank you. On behalf of
19	US Magnesium, I call Roger Swenson.
20	CHAIRMAN LEVAR: Good afternoon,
21	Mr. Swenson. Do you swear to tell the truth?
22	THE WITNESS: Yes, I do.
23	CHAIRMAN LEVAR: Thank you.
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1	DIRECT EXAMINATION
2	BY MR. RUSSELL:
3	Q. Good afternoon, Mr. Swenson. Could you
4	state your name and identify yourself for the record,
5	please?
6	A. My name is Roger Swenson. I'm an energy
7	consultant that works for US Magnesium through my
8	firm, E-Quant Consulting.
9	Q. And on behalf of US Magnesium, you submitted
10	prefiled testimony in this proceeding; correct?
11	A. Yes, I did.
12	Q. And specifically, you submitted direct
13	testimony that's been labeled as US Magnesium
14	Exhibit 1.0, along with an Exhibit 1.1 that was
15	attached thereto, as well as surrebuttal testimony
16	that's been submitted and marked as Exhibit 1.0S;
17	right?
18	A. Yes.
19	Q. And do you adopt that prefiled testimony as
20	your testimony in this proceeding?
21	A. Yes, I do.
22	Q. And if asked the same questions, would you
23	respond the same way today?
24	A. Yes, I would.
25	MR. RUSSELL: Okay. And at this point, I

1	will move for the admission of that referenced
2	testimony.
3	CHAIRMAN LEVAR: Okay. If anyone objects to
4	that, please indicate to me.
5	(No response.)
6	CHAIRMAN LEVAR: And I'm not seeing any
7	objections, so the motion is granted.
8	(US Magnesium Exhibits 1.0, 1.1, and
9	1.0S were admitted.)
10	BY MR. RUSSELL:
11	Q. Mr. Swenson, have you prepared a summary of
12	your prefiled testimony?
13	A. Yes, I have.
14	Q. Please proceed.
15	A. The changes in gas transportation rates, as
16	proposed, were very much a surprise to me. And
17	that's not a good thing. My role with US Magnesium
18	is to keep them from being surprised by energy cost
19	changes.
20	Energy costs represent a very large part of
21	the cost of producing US Mag's product. US Magnesium
22	contracts to sell its production out into the future
23	years at a time. When we're surprised by a potential
24	price increase of over \$1 million a year to
25	US Magnesium, the effects can be devastating to a

company that cannot simply pass costs along.
 US Magnesium is not in a position to absorb that kind
 of a cost increase.

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For the rates to be so much different than what the company had been suggesting as needed change just a few years ago suggests a very different philosophy concerning developing rates based on costs that are caused by specific customers' usage on this system.

The rates now, as proposed, seem to be moving toward less of a direct cost causality, from the size of a pipe needed to serve a peak need to how much volume a customer uses. The volume of use is not the cost causality driver. The size and the cost of pipe in the ground is the cost causality driver.

16 Shifting to cost allocation based on higher 17 costs to throughput acts as a means to transfer costs 18 from high load factor customers to low load factor 19 If that's the intent of these changes customers. 20 driving rates higher, it would have been good to have 21 the basis called out clearly. Of course, there's 22 been called out in testimony by others in this case, 23 customer groups with various load profiles all want 24 the lowest cost to fall to their shoulders. T will 25 not suggest that US Magnesium is any different. But

1 if the philosophy to not base costs on direct cause 2 and move towards customer subsidization, it is 3 something that we need to understand. And again, so 4 that we're not surprised as we move further on this 5 path.

As I said in my surrebuttal testimony, US Mag and all customers need to take into account the pricing signal that has been provided in this case. US Mag will take the price signal from the cost increase derived in this case with the cost allocation methods, and we'll respond to those signals, as I expect many other large transport customers will have to do.

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14 I expect reduction in the firm contract 15 quantity to reduce costs. We just ask for time to 16 make these adjustments to rates to be in effect with 17 the two-year transition, as proposed by Mr. Higgins, 18 until the final highest rate would be imposed. This 19 will give US Mag time to change its operation back to 20 high levels of alternative fuels to drop the firm 21 transport levels to much lower levels.

We would also like to see a proceeding to investigate the changes in cost allocations and a proceeding to determine pass forward for rates. And from that, develop pass forward for customers to take

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1	away clear price signals from those rates. The most
2	important thing I want to get across to the
3	Commission, from US Mag's perspective, is that
4	without access to a competitive market for gas
5	supplies, US Magnesium would not be economically
б	viable. We appreciate having that access.
7	The other thing that I see as somewhat
8	surprising in this case is about restricting access
9	to lower cost competitive markets to serve the
10	customers. While it doesn't affect US Magnesium,
11	it's something that we need to be if it's
12	something we need to be wary of, I need to be
13	understanding that and taking that message to
14	US Magnesium, if there's some sort of prohibition
15	that lurks somewhere in the subtext somewhere.
16	That's it.
17	Q. Thank you.
18	MR. RUSSELL: Mr. Swenson is available for
19	cross-examination and Commission questions.
20	CHAIRMAN LEVAR: Okay. Thank you.
21	Mr. Snarr, do you have any questions for
22	Mr. Swenson?
23	MR. SNARR: No. We have no questions.
24	CHAIRMAN LEVAR: Thank you.
25	Mr. Jetter?

1	MR. JETTER: I have no questions.
2	CHAIRMAN LEVAR: Thank you.
3	Major Kirk or Captain Friedman?
4	CAPTAIN FRIEDMAN: No, sir, no questions.
5	CHAIRMAN LEVAR: Mr. Mecham?
6	MR. MECHAM: Maybe a couple.
7	
8	CROSS-EXAMINATION
9	BY MR. MECHAM:
10	Q. Mr. Swenson, do you
11	CHAIRMAN LEVAR: And your microphone's not
12	picking you up.
13	MR. MECHAM: It's on. It's I'm just too
14	far away, apparently.
15	BY MR. MECHAM:
16	Q. Do you have Mr. Oliver's testimony in front
17	of you?
18	A. I do not.
19	Q. Okay. Well, let me see if I can do it
20	without that, and we'll see how this goes. If it
21	doesn't go well, we'll take another take up
22	another topic.
23	In your surrebuttal, on lines 28 and 29 on
24	page 2, you are rebutting Mr. Oliver's testimony.
25	And you say that: "Mr. Oliver suggests in his

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rebuttal testimony that the rates, as provided, are 2 devoid of price signals." 3 Is that a correct statement? 4 Α. That's what I took from his testimony. 5 ο. Okay. Well, let me read what it says, and then we'll go from there. It says -- and this is on 6 lines 238 to 241 in his rebuttal where it says: 7 "While correct price signals may be an appropriate 8 rate design consideration, the record of this 9 10 proceeding lacks any evidence regarding what price 11 signal should be conveyed to customers." 12If it says that, that's not exactly how you 13 represented it, is it? 14 Well, I -- I don't want to put words in Α. 15 Mr. Oliver's mouth. When I read it, I got the 16 implication that there was a void of price signals being sent. And as you can tell, I respond to that 17 18 void of price signals in a way that I hope comes 19 Because we got the signal. So I'm not across. 20 arguing that if he -- if he was saying that there are 21 price signals. 22 No, no. We understand your testimony ο. Okav. 23 that you are taking price signals where, perhaps, the 24 company thinks you shouldn't be. But when rates go 25 up, no matter what it is, it's going to have this

1	effect. Anyway, let me simplify.
2	I know that you I suspect that you looked
3	at your own answer to USM 2.01; correct?
4	A. Yes.
5	Q. And it showed that the and you had asked
6	for a an analysis of the returns for customers who
7	take more than 800,000 dekatherms and those who take
8	fewer than 800,000 dekatherms; is that correct?
9	A. Yes.
10	Q. And the result was that those customers who
11	were taking over 800,000 produced a negative return
12	of 2.54.
13	Is that your recollection?
14	A. I don't remember the number exactly, but
15	there was it was a surprising result to me, based
16	on what I'd been given as earlier data about what
17	rate increases were going to come to large customers.
18	Q. Okay. So I'm looking at ANGC Exhibit 2.02R,
19	where Mr. Oliver compared the various requests of the
20	Division, UAE, USM. And I'm just referring now to
21	your request, which, subject to check, it produces a
22	negative 2.54 percent for those taking more than
23	800,000 dekatherms.
24	A. Subject to check.
25	Q. Okay. And I note well, you may have

1	heard	and I'm not sure what point you entered, but
2	UAE's 2.	01 shows that those taking fewer than 35,000
3	dekather	ms produce a return of 9.11 percent.
4		Does that sound familiar to you?
5	Α.	I think I heard Mr. Higgins say something
6	about th	at, but I don't know.
7	Q.	Okay.
8		MR. MECHAM: I think I'll leave it at that.
9		CHAIRMAN LEVAR: Okay. Thank you,
10	Mr. Mech	.am.
11		Ms. Clark or Mr. Sabin, any
12		MR. SABIN: No questions. Thank you.
13		CHAIRMAN LEVAR: No questions.
14		Okay. Any redirect, Mr. Russell?
15		MR. RUSSELL: No, thank you.
16		CHAIRMAN LEVAR: Okay. Commissioner Clark,
17	any ques	tions?
18		COMMISSIONER CLARK: No questions. Thank
19	you.	
20		CHAIRMAN LEVAR: Commissioner White?
21		COMMISSIONER WHITE: No questions. Thank
22	you.	
23		CHAIRMAN LEVAR: And I don't have any
24	either.	Thank you for your testimony this afternoon.
25		THE WITNESS: Thank you very much.

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1	CHAIRMAN LEVAR: Okay. I think we will go
2	to you don't have anything else, Mr. Russell, do
3	you?
4	MR. RUSSELL: I do not. Thank you.
5	CHAIRMAN LEVAR: We will go, then, next to
б	the Federal Executive Agencies for your witness.
7	MAJOR KIRK: Mr FEA calls
8	Mr. Brian Collins to be sworn in and testify.
9	CHAIRMAN LEVAR: Mr. Collins, do you swear
10	to tell the truth?
11	THE WITNESS: I do.
12	CHAIRMAN LEVAR: Thank you.
13	
14	DIRECT EXAMINATION
15	BY MAJOR KIRK:
16	Q. Good morning. Mr. Collins, would you please
17	state your name and occupation?
18	A. Brian C. Collins. I am a principal with
19	
	Brubaker & Associates, Incorporated.
20	Brubaker & Associates, Incorporated. Q. And you were hired by the Federal Executive
20 21	
	Q. And you were hired by the Federal Executive
21	Q. And you were hired by the Federal Executive Agencies to provide testimony in this case; is that
21 22	Q. And you were hired by the Federal Executive Agencies to provide testimony in this case; is that true?

1	of this hearing?
2	A. I have.
3	Q. And have you created and caused to be filed
4	two different testimonies in this case? First, a
5	direct testimony labeled FEA Exhibit 2.0 and
6	Appendix A, and also your surrebuttal testimony
7	labeled FEA Exhibit 4.0?
8	A. Yes.
9	Q. Do you have any changes or corrections to
10	those prefiled testimonies?
11	A. I do not.
12	Q. And if you were asked the same questions
13	today, would your answers be the same?
14	A. Yes.
15	MAJOR KIRK: FEA moves to enter into the
16	record FEA Exhibit 2.0 and Appendix A and FEA
17	Exhibit 4.0.
18	CHAIRMAN LEVAR: If anyone objects to the
19	motion, please indicate to me.
20	(No response.)
21	CHAIRMAN LEVAR: And I'm not seeing any
22	objections, so it's granted.
23	(FEA Exhibits 2.0, Appendix A, and 4.0
24	were admitted.)
25	MAJOR KIRK: Thank you.

1	BY MAJOR KIRK:
2	Q. Mr. Collins, have you prepared a summary of
3	your testimony?
4	A. I have.
5	Q. Thank you. Please present that.
6	A. Thank you.
7	Good afternoon, Commissioners. A summary of
8	my direct and surrebuttal testimonies is as follows:
9	After the utility's overall cost of service
10	or revenue requirement is determined, a class cost of
11	course service study is used to allocate a total cost
12	of service among the utility's customer classes.
13	To the extent possible, a utility's rates
14	for its classes should be based on each class's
15	respective cost of service. However, in the
16	instances where a full movement to cost of service
17	would cause rate shock for a particular class or
18	classes, gradualism can be used to mitigate the
19	impacts on customer classes.
20	The company's class cost of service study
21	used to allocate costs to customer classes does not
22	best reflect class cost service because of its
23	reliance on annual usage or commodity volumes to
24	partially allocate the cost of distribution mains to
25	its classes. Specifically, the cost associated with

1 large-diameter intermediate higher-pressure mains are 2 allocated on throughput by the company, and the costs 3 associated with high-pressure feeder mains are 4 allocated using the peak and average method by the 5 company, along with the costs associated with 6 regulators, compressors, and related equipment.

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In the method that I referred to that they used for the feeder mains is commonly referred to as the peak and average method. And in this case, the company has weighted the peak or design day component of that composite allocator by 60 percent, originally in its filed case, and 40 percent on throughput. And I think those numbers have now been changed and are using the system load factor.

As a result, I recommend my proposed class of cost of service study be used as a guide for the company's cost revenue allocation. Under my proposed class revenue allocation guided by my class cost of service study, TS class would receive an increase of approximately 4.17 percent, much closer to the system average increase.

In my testimony, I discussed how costs are incurred by the company with respect to capacity. Capacity costs do not vary with annual usage. When a gas distribution utility is considering whether to

engage in a particular expansion of its distribution mains capacity, it must first determine the proper size and cost of the expansion.

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In making this determination, the key consideration is the customer classes' expected usage of the mains on the system peak design day. The expected usage on the system peak day dictates the need for expansion as well as the proper size of the expanded mains, which, in turn, dictates the total cost of the project.

The cost of the expansion is a function of the anticipated peak day usage, and that cost is the same regardless of when customers are expected to use gas. For example, the cost is the same regardless of whether customers are expected to use gas throughout the year or during only a part of the year; for example, the winter months.

18 It is important that a class cost of service 19 study reflect class cost causation. A study does 20 this by allocating costs in a way that reflects how 21 the system is designed. Annual usage is not a design 22 criterion for a typical gas utility. Annual usage or 23 commodity throughput is certainly a factor that 24 should be and is considered in identifying the 25 variable costs of operating the gas system.

However, annual usage does not determine the 1 2 amount of system peak capacity that is necessary to 3 provide firm or non-interruptible service to every 4 customer every day of the year. Rather, the actual physical size of the mains, the regulators, the 5 6 compressors, and other related equipment is based on customers' contributions to the system design day 7 demand. 8

9 The system's capacity must be sized for 10 design day demands so that all customers can utilize 11 that system's capacity to receive a firm, 12 uninterrupted supply of gas every day of the year, 13 including the day of the system peak demand. As a 14 result, design day demand is appropriate to allocate 15 demands and capacity-related costs to customer 16 classes.

17 I do not dispute that after the system is 18 designed and constructed to meet design day demand, 19 customers use the system to receive volumes of gas 20 throughout the year. However, if customers expect 21 supply sufficient to meet their design day demand, 22 then they should pay for adequate distribution 23 capacity to allow gas to be delivered every day to 24 meet their expected demands, including days with 25 above-average demands. Otherwise, they will not be

allocated adequate capacity to deliver gas on days
 with above-average usage, which would be most cold
 days, and their service would be interrupted on all
 those days.

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If the distribution system can meet design day demand, they can meet the firm demand of its customers on every single day of the year. Daily needs must be met, but the only way to ensure that will happen is through a system designed to meet the design day demand.

My proposed class of cost service study uses 100 percent of design day demand to allocate the costs of large-diameter intermediate high-pressure mains as well as the cost of high-pressure feeder line mains to customer classes. Because design day demand reflects how the system is designed, this best reflects class cost causation. And my cost study is appropriate to guide class revenue allocation.

I would also like to point out that it has been my experience that many states -- personally, I've been around ten states that I've actually been involved with in my career -- utilize a 100 percent design day demand allocator to allocate cost of capacity, and they usually couple that with a customer component.

1 It is important to recognize that the peak 2 and average cost allocation method used by the 3 company to allocate certain capacity-related costs 4 results in customers paying different costs of capacity on a per-unit basis. That's with respect to 5 6 design day demand. By introducing usage into the allocation of capacity-related costs, higher load 7 factor customers such as the TS class are allocated 8 9 too much cost for capacity and pay a higher per-unit 10 cost for capacity as compared to the system average 11 per-unit costs.

12 As an example in this rate case, provided in 13 my surrebuttal testimony, TS customers are allocated 14 a much higher gross plant cost for feeder mains on a 15 per-unit of design day demand as compared to the 16 system average. This is shown on Table 4 of my 17 surrebuttal testimony, where the system average cost 18 is approximately \$709 per unit of design day demand 19 while the TS class is allocated a cost of 20 approximately \$1,064 per unit of design day demand, 21 which is about 50 percent higher than the system 22 average per-unit cost. In contrast, the lower load 23 factor GS class is allocated a cost that's cheaper 24 than the system average, or approximately \$652 per 25 unit of design day demand.

An allocation method that results in a 1 2 different cost of capacity on a per-unit of design 3 day capacity basis for classes isn't appropriate. 4 The company does not incur a different cost of capacity to serve different customer classes. 5 Under 6 100 percent design demand allocation, feeder main gross plant costs, all firm classes are allocated the 7 same per-unit cost of capacity as the system, or \$709 8 per unit of design day demand. This is also shown in 9 10 my Table 4 of my surrebuttal testimony. This is 11 appropriate and reflects cost causation. 12 It should be also recognized that if the P&A 13

allocator is applied to the systems design day demand capacity, the GS class would not have enough capacity to meet its design day demand. This is shown in Table 5 of my testimony.

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17 It should also be recognized that any 18 concerns about impacts on customer classes resulting 19 from 100 percent design day demand allocation can be 20 handled with class revenue allocation gradualism. It 21 is first appropriate to allocate costs to classes as 22 accurately as possible, and then gradualism can be 23 utilized to temper any impacts that are of concern.

24 My proposed class revenue allocation is 25 based on the company's fully requested revenue

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1	requirement in my direct testimony, and I recommend
2	that my proposed classroom allocation be used to
3	determine class revenue responsibility. Again, this
4	is appropriate because my proposed class revenue
5	allocation is guided by my cost of service study,
6	which better reflects class cost causation with
7	respect to the allocation of distribution main costs.
8	My proposed classroom allocation is shown in Table 2
9	of my surrebuttal testimony.
10	This concludes my summary. Thank you.
11	MAJOR KIRK: We don't have any further
12	questions for Mr. Collins at this time. He's
13	available for Commission questions and
14	cross-examination.
15	CHAIRMAN LEVAR: Okay. Thank you.
16	Mr. Russell, do you have any questions for
17	Mr. Collins?
18	MR. RUSSELL: No questions. Thank you.
19	CHAIRMAN LEVAR: Mr. Mecham?
20	MR. MECHAM: I have none either. Thank you.
21	CHAIRMAN LEVAR: Mr. Jetter?
22	MR. JETTER: I have no questions. Thank
23	you.
24	CHAIRMAN LEVAR: Mr. Snarr?
25	MR. SNARR: Yes, I have some questions.

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2	CROSS-EXAMINATION
3	BY MR. SNARR:
4	Q. Good afternoon, Mr. Collins.
5	A. Good afternoon.
6	Q. In your direct testimony, at page 14, you
7	address the question of how cost associated with the
8	distribution system mains and related facilities
9	should be allocated to customer classes; is that
10	correct?
11	A. You said on page 14?
12	Q. I believe it's on page 14, yes.
13	A. Yes, I believe that's correct.
14	Q. At lines 3 through 13 on that page of your
15	testimony, you quote the NARUC Gas Distribution Rate
16	Design Manual at pages 23 and 24 as it defines
17	distribution mains as a demand or capacity-related
18	cost; is that correct?
19	A. Yes.
20	Q. Let me
21	MR. SNARR: If I may?
22	CHAIRMAN LEVAR: Sure.
23	MR. SNARR: I have a copy of excerpts of
24	that manual I'd like to share and talk about some of
25	the provisions there.

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1	I represent to you that this I'd like to
2	have this marked as OCS Cross Exhibit 1.
3	(OCS Cross Exhibit 1 was marked for
4	identification.)
5	BY MR. SNARR:
6	Q. And I represent to you that it are
7	excerpts from that NARUC Gas Distribution Rate Design
8	Manual.
9	Do you recognize it, Mr. Collins?
10	CHAIRMAN LEVAR: I'm sorry. Can we make
11	sure to get a copy to the court reporter, too?
12	MR. SNARR: Yes.
13	CHAIRMAN LEVAR: If we didn't already.
14	BY MR. SNARR:
15	Q. Mr. Collins, do you recognize this as being
16	excerpts from the manual?
17	A. Yes.
18	Q. All right. Let me direct your attention to
19	page 25 of the NARUC Gas Distribution Rate Manual.
20	Under the heading "Demand or Capacity
21	Costs," the first sentence states: "Demand or
22	capacity costs are allocated to customer classes
23	based upon analysis of system load conditions and how
24	each customer class affects such costs."
25	Did I read that correctly?

1	A. Yes.
2	Q. Okay. Could you now turn to page 27 of the
3	manual? And.
4	I'd like you to read out loud the first
5	sentence on that page.
6	A. Page 27?
7	Q. Yes.
8	A. "The most commonly used demand allocations
9	for natural gas distribution utilities are the
10	coincident demand method, the non-coincident demand
11	method, the average and peak method, or some
12	modification or combination of the three."
13	Q. All right. And in the sections just
14	following that, there's some definition provided, am
15	I correct, on those three methods that have been
16	called out; is that right?
17	A. That's right.
18	Q. All right. With respect to the coincidental
19	demand method, isn't it true that that allocates
20	demand costs based on system peak?
21	A. It says "at the time of system peak" in the
22	first sentence under Section B, "Coincident Demand
23	Method."
24	Q. All right. And with respect to the
25	non-coincidental demand method, I'd like you to look

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1	at that or review it briefly, and then I have a
2	question for you.
3	A. Okay.
4	Q. Okay. With respect to that method, is it
5	fair to say that the non-coincidental demand method
6	allocates costs to all classes of customers,
7	including interruptible customers, based upon their
8	actual peak, regardless of the times of the
9	occurrence of that peak?
10	A. That's correct.
11	Q. Okay. Now let's further move on to the
12	average and peak.
13	A. Okay.
14	Q. And isn't true that most of the parties in
15	this proceeding have advocated the use of some form
16	of the average and peak method as described on
17	page 27, subparagraph D?
18	A. Right. Either advocated or not opposed
19	Q. All right.
20	A I believe would be a
21	Q. And
22	A good description.
23	Q. Okay. Let's read together, then,
24	subparagraph D. Could you read that section,
25	"Average and Peak Demand Method"?

A. Sure.

1

22

2 "This method reflects a compromise between 3 the coincident and non-coincident demand methods. 4 Total demand costs are multiplied by the system's 5 load factor to arrive at the capacity costs attributed to average use and are apportioned to the 6 various customer classes on an annual volumetric 7 The remaining costs are considered to have 8 basis. 9 been incurred to meet the individual peak demands of 10 the various classes of service and are allocated on the basis of the coincident peak of each class. 11 This 12 method allocates cost to all classes of customers and 13 tempers the apportionment of the costs between the 14 high and low load factor customers."

Q. Now, just a couple of follow-up questions
here.

With respect to that portion of this hybrid allocation method, with respect to the portion that is tied to annual volumetric throughput, that would include an assessment of the throughput associated with interruptible service; is that correct?

A. That's correct.

Q. All right. And with respect to the other
section which is allocated based upon peak demand,
that would not have any consideration for the

1	interrupt	ible users; is that right?
2	A. '	That's correct.
3	Q.	So let me just summarize and see if you
4	agree wit	h my summary here.
5	1	Using some form of the average and peak
б	demand me	thod would assign a portion of the
7	demand-re	lated costs to be recovered from all firm
8	service -	- that is sales and transportation customer
9	classes -	- consistent with their peak demands, while
10	also reco	vering a share of the demand costs from all
11	customer	classes, including interruptible customers,
12	according	to their throughput; isn't that correct?
13	A. '	That sounds correct.
14	Q. 2	All right. Thank you.
15]	MR. SNARR: That's all I have.
16		CHAIRMAN LEVAR: Thank you, Mr. Snarr.
17]	Ms. Clark or Mr. Sabin?
18]	MS. CLARK: We have no questions. Thank
19	you.	
20		CHAIRMAN LEVAR: Okay. Thank you.
21]	Major Kirk, any redirect?
22]	MAJOR KIRK: Briefly.
23		
24	///	
25	///	

1	
1	REDIRECT EXAMINATION
2	BY MAJOR KIRK:
3	Q. Mr. Collins, regarding interruptible
4	customers, under your proposed methodology, what
5	would be the fair way to charge interruptible
6	customers for their cost of service?
7	A. Just hypothetically?
8	Q. What's your proposal?
9	A. What's my proposal? If I recall correctly
10	from my testimony, I believe I held the interruptible
11	class, the IS class, at current rates. You know,
12	give them no increase.
13	I believe both of the cost of service
14	studies that you know, the company's study that
15	uses partial allocation of through partial
16	allocation of main costs using throughput resulted in
17	a decrease for that class. And I think the
18	100 percent design day demand allocation also
19	resulted in that kind of decrease for the
20	interruptible sales, IS class. So my proposal was
21	just to hold that class at current rates.
22	Q. And what did you suggest, hypothetically,
23	could be done to figure out what the cost of the
24	interruptible customer is to the system?
25	A. Well, with respect to the IS class, I think

1	there's only, I believe, ten ten customers in that
2	class. So if you were concerned about assigning, you
3	know, some cost of mains to that class, I think I
4	said in my testimony that you could maybe do a
5	special study where you basically do a direct
6	assignment of cost to that class. Because there is a
7	cost to connect, you know, the interruptible sales
8	class to the system, but that cost isn't very well
9	represented by either the design day demand or a
10	throughput allocator.
11	Q. I also wanted to ask you briefly about the
12	NARUC model and the different models described in
13	here that you just read.
14	And just to clarify, does the NARUC model
15	advocate for one particular method over the other?
16	A. I don't believe it does. I believe the main
17	purpose of the manual is just to put a summary
18	together of methods that are commonly used by
18 19	together of methods that are commonly used by utilities throughout the United States.
19	utilities throughout the United States.
19 20	utilities throughout the United States. Q. And in your experience, there's how many
19 20 21	utilities throughout the United States. Q. And in your experience, there's how many other states that follow the design day model?
19 20 21 22	<pre>utilities throughout the United States. Q. And in your experience, there's how many other states that follow the design day model? A. States that I have personally been involved</pre>
19 20 21 22 23	<pre>utilities throughout the United States. Q. And in your experience, there's how many other states that follow the design day model? A. States that I have personally been involved in, I've come across about ten that, again, use the</pre>

1

1	and average, there's really two states that come to
2	mind that I've experienced that model being used, and
3	that's Illinois and Washington.
4	Q. Thank you, sir.
5	MAJOR KIRK: No other questions.
6	CHAIRMAN LEVAR: Thank you.
7	Any recross, Mr. Snarr?
8	MR. SNARR: No.
9	CHAIRMAN LEVAR: Okay. Thank you.
10	Commissioner White, do you have any
11	questions?
12	COMMISSIONER WHITE: I have no questions.
13	Thank you.
14	CHAIRMAN LEVAR: Commissioner Clark?
15	COMMISSIONER CLARK: I have none. Thank
16	you.
17	CHAIRMAN LEVAR: And I don't either. Thank
18	you for your testimony this afternoon.
19	THE WITNESS: Thank you very much.
20	CHAIRMAN LEVAR: Major Kirk, anything else
21	from the Federal Executive Agencies?
22	MAJOR KIRK: Nothing further, sir.
23	CHAIRMAN LEVAR: Thank you.
24	Mr. Mecham?
25	MR. MECHAM: Thank you, Mr. Chair. ANGC

1	calls Mr. Curtis Chisholm.
2	CHAIRMAN LEVAR: Mr. Chisholm, do you swear
3	to tell the truth?
4	THE WITNESS: I do.
5	CHAIRMAN LEVAR: Thank you.
6	THE WITNESS: Thank you.
7	
8	DIRECT EXAMINATION
9	BY MR. MECHAM:
10	Q. Mr. Chisholm, could you state your name and
11	business address for the record, please?
12	A. Yes. My name is Curtis Ralph Chisholm. My
13	business address is 201 South Main.
14	Q. Thank you.
15	And did you prepare or have prepared under
16	your direction testimony in this proceeding, direct
17	testimony consisting of six pages which we've marked
18	as ANGC 3 and filed on November 14th, and then
19	surrebuttal filed on January 6th of this year
20	consisting of four pages which we've premarked as
21	ANGC 3SR?
22	A. Yes, I did.
23	Q. And if I were to ask you the questions that
24	are contained therein, would your answers be the
25	same?

1	A. They would.
2	Q. Are there any corrections that you're aware
3	of that need to be made?
4	A. I know of no corrections.
5	Q. Okay. Have you prepared a summary of your
6	testimony?
7	A. I have.
8	Q. Why don't you go ahead and give it, please.
9	A. Okay.
10	I'm really concerned about competition in
11	this natural gas market, and I would love to see a
12	rate structure that's based on actual costs than what
13	it has been in the past.
14	It feels like such as the admin fee that
15	is currently \$4,500 per year per meter, meters that
16	are tied to parcels, the secondary meters can be
17	reduced down to like half price. But we've seen some
18	of our customers pay over \$250,000 a year in meter
19	fees. One customer with, you know, 50-plus meters.
20	And yet you have large industrials burning 5 Bcf of
21	gas a year paying \$4,500. It's not cost based. It's
22	not economical for these small industrial customers
23	to be paying these high admin fees that we don't see
24	in other states, in other utilities.
25	Also, we believe that Dominion's idea of

freezing the transportation rate, you know, not 1 2 allowing customers to join the TS class that don't 3 burn 35,000 or more, is anticompetitive. We believe 4 it's baseless and serves only to penalize industrial companies from joining a class that serves them 5 better and more fully recognizes their cost 6 Where I believe it's been shown that 7 structure. customers burning less than 35,000 MBtu a year 8 9 provide an over -- a rate over the utility's required 10 rate, keeping customers in the GS class would 11 essentially penalize them if they feel like they 12 should join the TS class.

The other anticompetitive feature in their current structure is the one-time per year transfer between classes. We don't face this in any other market we have seen in the United States, having a restriction in that regard, and it is not cost effective for the utility or us.

And I -- we -- in dealing with their employees, they don't like it because they have a lot of paperwork that hits them all at once. And also, setting up all those customers that come over to the TS rate is a -- they have not been able to hit the deadlines because of the burden in the past. And so it doesn't really serve anyone well.

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1	Also, any increase in these lower tiers of
2	gas use, you know, the 200 the first 200 or the
3	first 1,800, because our the smaller industrials
4	are paying the required rate, any increase will add
5	to their burden. I think it will it's, you know,
6	actual obviously would increase the rate to the
7	utility above where they are now.
8	The other issue is the SNG costs I believe
9	that Dominion is now asking from the TS class of
10	customers. I believe that cost is covered in the
11	imbalance fees, and so if they added another cost to
12	the TS class, an SNG cost, that would be a
13	duplicative cost.
14	And that, I think, is essentially my
15	testimony.
16	Q. Thank you.
17	MR. MECHAM: Now we would move the admission
18	of ANGC 3 and ANGC 3SR.
19	CHAIRMAN LEVAR: If anyone objects to that
20	motion, please let me know.
21	(No response.)
22	CHAIRMAN LEVAR: I'm not seeing any
23	objections, so the motion is granted.
24	(ANGC Exhibits 3 and 3SR were
25	admitted.)

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1	MR. MECHAM: Thank you. So Mr. Chisholm is
2	available for cross-examination.
3	CHAIRMAN LEVAR: Okay. I'm going to go to
4	Mr. Russell first.
5	MR. RUSSELL: No questions. Thank you.
6	CHAIRMAN LEVAR: Major Kirk?
7	MAJOR KIRK: No questions, sir.
8	CHAIRMAN LEVAR: Mr. Jetter?
9	
10	CROSS-EXAMINATION
11	BY MR. JETTER:
12	Q. I do have just a brief line of questions for
13	you.
14	A. Uh-huh.
15	Q. Your as part of your job, you work for a
16	company that provides gas supply to TS customers; is
17	that correct?
18	A. That's correct.
19	Q. And are you currently engaging with current
20	GS customers to show them the options that they might
21	have to move to the TS class?
22	A. We are. Yes.
23	Q. How many customers would you expect if the
24	rate remains open and similar to what it is today to
25	move to that class over the next three years?

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1	A. It's a hard thing to estimate. But
2	Q. Would you say that
3	A over the next three years, maybe 4- or
4	500.
5	Q. Okay. And would you I think that answers
6	the question. Thank you.
7	A. Okay.
8	CHAIRMAN LEVAR: Thank you, Mr. Jetter.
9	Mr. Snarr?
10	MR. SNARR: We have no questions.
11	CHAIRMAN LEVAR: Okay. Thank you.
12	Ms. Clark or Mr. Sabin?
13	MS. CLARK: We have no questions. Thank
14	you.
15	CHAIRMAN LEVAR: Any redirect, Mr. Mecham?
16	MR. MECHAM: I have none.
17	CHAIRMAN LEVAR: Okay. Commissioner Clark?
18	
19	CROSS-EXAMINATION
20	BY COMMISSIONER CLARK:
21	Q. Your estimate of 4- to 500 customers moving
22	in the next three years, what is your assumption
23	about the relationship of rates to cost of service in
24	that answer?
25	In other words, are you answering at current

1 **rates or --**2 A. At

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At current rates.

Q. And so if -- if the Commission were to accept one of the proposals -- one of the several proposals to -- in a phased way, to move to full cost of service for the TS class in the next two to three years, does that affect your estimate at all?

A. I guess it depends if our rates increase. Like, I think we are at full cost of service, you know, for the smaller industrials. So I guess if it significantly increases, it might bring that down, but I wouldn't expect it to.

Q. Thank you.

COMMISSIONER CLARK: No further questions.

CROSS-EXAMINATION

BY CHAIRMAN LEVAR:

Q. I just want to follow up on that.

19I mean, do most of your customers view these20costs and commodity costs separately and get to that21level of granularity, or do most of your customers22look at combined rates, including all the costs we're23dealing with here and commodity costs combined?

A. It depends on the sophistication of thecustomer, obviously, but a lot of them understand the

1	costs in	curred at the utility level versus the
2	commodit	y costs.
3	Q.	Okay.
4	Α.	Mm-hmm.
5	Q.	I'm assuming commodity cost is the primary
6	driver -	-
7	Α.	Right.
8	Q.	we're talking about here?
9	Α.	Mm-hmm.
10	Q.	Okay.
11		CHAIRMAN LEVAR: That's all I have.
12		Commissioner White, do you have any
13	question	s?
14		COMMISSIONER WHITE: I don't. Thanks.
15		CHAIRMAN LEVAR: Okay. Thank you for your
16	testimon	y this afternoon.
17		THE WITNESS: Thank you.
18		CHAIRMAN LEVAR: Mr. Mecham?
19		MR. MECHAM: All right. ANGC calls
20	Mr. Bruc	e Oliver.
21		CHAIRMAN LEVAR: Mr. Oliver, do you swear to
22	tell the	truth?
23		THE WITNESS: I do.
24		CHAIRMAN LEVAR: Thank you.
25		

1	DIRECT EXAMINATION
2	BY MR. MECHAM:
3	Q. Mr. Oliver, would you state your name and
4	business address for the record, please?
5	A. My name is Bruce Richard Oliver. My
6	business address is 7103 Laketree Drive, Fairfax
7	Station, Virginia.
8	Q. Thank you.
9	And did you prepare and have to cause filed
10	direct testimony in this proceeding consisting of
11	67 pages, which we've marked as ANGC 2, with attached
12	Exhibits ANGC 2.01 through 2.04 and Attachments A and
13	B; as well as rebuttal testimony filed December 13th
14	consisting of 39 pages, which we've marked as
15	ANGC 2R, with ANGC 2.01R through 2.05R; and
16	surrebuttal testimony filed on January 6th of this
17	year consisting of 37 pages, which we've marked as
18	ANGC 2SR, with Exhibits ANGC 2.01SR through 2.03SR?
19	A. I did.
20	Q. If I were to ask you the questions that are
21	in those three pieces of testimony, would your
22	answers be the same?
23	A. I would, with a couple corrections.
24	Q. Okay.
25	A. First now, it's just one typo and a

First, there was a typo in my rebuttal testimony -- lost my place. I don't know where it

4 is. Bear with me just a minute. At -- I'm sorry. It's in my surrebuttal 5 testimony. It's page 22, line 458. The weighting 6 for design day and annual throughput for DEU as 7 proposed at that time was -- is shown as 60/60. 8 It 9 should have been 60/40. 10

couple labeling considerations.

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There's also a minor typo in my direct 11 testimony on the next to the last line where it says: 12 "Does this conclude your direct testimony?" It 13 should say rebuttal testimony.

14 In addition, I'd like to clean up some 15 labeling considerations on a couple of my exhibits. 16 First on Exhibit ANGC 2.02, to be consistent with some of the other exhibits, under where it says "TS 17 18 and TSL," I would put the notation under TS, "less 19 than 120,000 dekatherms"; and under TSL, I would put "greater than 120,000." And I would also put a 20 21 notation above the heading -- or below the "Cost of 22 Service Summary and Allocations to Rate Classes" that 23 says "From DEU's Response to DPU Data Request 11.01, 24 Attachment 5, COS Summary."

I also would note that in my rebuttal

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1	testimony, Exhibit ANGC or ANGC Exhibit 2.01, on		
2	the second page should be 2.01R as opposed to just		
3	2.01. Left off an R there. And those are the		
4	corrections.		
5	Q. Okay. Thank you.		
6	So with those corrections, do you adopt that		
7	as your testimony today?		
8	A. I do.		
9	Q. Have you prepared a summary of your		
10	testimony?		
11	A. I have.		
12	Q. Why don't you go ahead and give it, please.		
13	A. Okay. I ask you to bear with me because		
14	during the course of things, I think we eliminated a		
15	little bit, and I've tried to adjust what I drafted.		
16	So I have some marginal notes I'll try to work in.		
17	The company's pricing and policies for		
18	transportation services are a key element of the cost		
19	of service and rate design issues in this proceeding.		
20	Essentially all of the parties have accepted that the		
21	TS rates may need to be adjusted significantly		
22	upward, but how much upward is going to depend, in		
23	part, on the revenue requirement that the Commission		
24	approves. If the Commission cuts back the company's		
25	cost of capital, for example, that could have a		

noticeable impact on the overall increase and how
 much increase would need to be applied to TS
 customers or large TS customers, and therefore how
 much you would have to phase in.

It's possible that if the overall revenue 5 requirement is much closer to, maybe, the Division's 6 position, or lower, as some others have recommended, 7 that we wouldn't need a phase-in, or we could do it 8 in a two-step phase-in and have reasonable rate 9 10 On the other hand, if the -- if you elect impacts. 11 to approve the company's entire increase request, it 12 may be appropriate to phase that increase over more 13 than a three-year period.

14 The increases that result even under 15 Mr. Higgins' proposal, which I think has some appeal, 16 are still fairly sizable increases. And I know most 17 commissions would hesitate asking residential 18 customers to bear three increases, year after year, 19 of that magnitude, and so I think we need to be 20 sensitive to how it impacts all sizes of customers. 21 But that won't necessarily be a function of what the 22 overall revenue requirement is.

ANGC has presented multiple cost of service analyses in this proceeding, all of which support a finding that small TS customers who use less than

35,000 dekatherms per year are providing a greater
 than system average rate of return. Not just
 slightly greater, but a rate of return in the
 magnitude of 9 percent, where the system average at
 present rates is less than 7 percent.

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Each of the analyses I presented were either prepared directly by DEU in response to data requests from UAE, the Division, or US Magnesium, or they reflect sensitivity analyses that I have developed based on DEU's cost of service analyses to test the sensitivity of the cost of service results for large and small TS customers.

13 Again, all of those studies find small TS 14 customers substantially outperforming large TS 15 customers from a cost of service perspective. The 16 return on rate base derived from small TS customers 17 using less than 35,000 dekatherms a year is consistently in the range of 9 percent. 18 In some 19 cases, it's even a little higher. The rates of 20 return for the large TS customers, in the most 21 favorable scenario, was 1.5 percent, and may even be 22 negative, depending upon what scenario you look at. 23 When the weighting of design day and annual 24 throughput advocated by OCS, by DEU, and by other 25 parties are considered, the rates of return for the

1 small TS customers remain positive.

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Although the TS rate issues and TS cost recovery concerns are addressed by almost every party in testimony, ANGC is the only party that has presented and discussed actual cost of service results separately for large and small TS customers. We've done that for various segments of the TS class, cutting at 35,000, at 120,000, at 800,000, and we've shown how they stack up. And the more you isolate the larger customers, the worse their return gets. The more you isolate smaller customers, the higher their return gets.

13 That information, in and of itself, with the 14 very strong differences between the small TS customer 15 rates of return and those for larger TS customers 16 should be a compelling reason for segregating the 17 classes. But my analysis doesn't stop there. I have 18 presented analyses that show changes in use per 19 customer for different size customers within the TS 20 I have presented cluster analyses to see what class. 21 groupings within the TS class are reasonably 22 I have presented cost of service by homogeneous. segment. And I've provided, as I mentioned, 23 sensitivity analyses to show how the cost of service 24 25 would vary if you look at some of the different cost

1 allocation proposals that have been presented. 2 Again, the conclusion is consistent that 3 small TS customers are more than paying their way. 4 Witness Summers, this morning, essentially told the Commission that despite what's been a fairly 5 reasonable time between rate cases, there are a lot 6 of unresolved -- and acknowledgment of unresolved 7 issues from those earlier proceedings. 8 That the company has not performed hardly 9 10 any of the analyses necessary to address a split of 11 the TS class or to redesign TS rates, I find that 12 They know that there's an issue there, troublesome. and their answer is, "Well, we'll look at it for the 13 next case." And when we get to the next case, what 14 will the answer be? Will we really have any 15 16 progress, or will it be, once again, "Let's look at 17 it in the next case"? 18 There are significant inequities within the 19 current rate design, both on an interclass basis and 20 an intraclass basis that need to be addressed. The 21 proposals that the company now supports and 22 Mr. Higgins is presenting only address part of it. 23 They are moving classes toward their cost of service, 24 but there's very little evidence to support a 25 conclusion that the charges within the classes and

what gets charged to each individual customer within
 the class is reflective of their cost of service
 responsibilities.

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The challenge of rate design and the objective should be to have rates that are fair and equitable for all customers within a class. We've been told that, "Oh, no. We can't do that because there's too much uncertainty" when we have customers migrating. Well, if you'll forgive me, I'm getting in the vernacular, let's get real. Things are always changing.

12 We have evidence already presented by the 13 various parties that say if the rate proposals that 14 have been presented are adopted, US Magnesium may 15 substantially change its demands. We're going to 16 have, on average, 46 percent increases in TS customer volumetric charges. Customers respond to price 17 increases of that magnitude. And not only that, any 18 19 economist will tell you that customers not only 20 respond immediately to the change, but there's a 21 lagged response, and you can expect it to continue to 22 have effects on how customers use their gas in the 23 next several years.

24 We've also been told that with changes in 25 the rate design, we may expect TBS -- TBF customers 1 to come to the TS rate. There are lots of things 2 that are going to change even if you don't allow 3 migration.

4 And this idea that we're going to stop the world and have this pristine examination of a set of 5 6 costs just is not realistic. Every utility in the country deals with constantly evolving customer class 7 composition. This system and this area of the 8 9 country has grown substantially. We need to be 10 moving with it, not just trying to freeze it where we 11 were and make some arbitrary determinations.

12 I mean, we even have a problem in this case 13 in that the company's cost of service analysis 14 assumes that more than 150 customers will shift from 15 firm service rates, firm gas sales rate schedules, to 16 TS service in 2020. That's built into their cost of 17 service analysis. If we adopt a moratorium or 18 restriction on movement, it undermines the very 19 premise of their cost of service study. Nobody's 20 discussed that. They've already assumed they're 21 going to have it, and now they're going to take that 22 Well, yeah, you can't stop the world. You back. 23 can't stop progress.

The proposals from the company to restrict movement are, at best, arbitrary, capricious, and, in my assessment, unduly discriminatory, and they should
 not be adopted.

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The company's case with respect to TS rate schedule -- or TS rate structure is really built on a house of cards. They started the case with a perception that small TS customers weren't paying their way, that the growth in the number of customers was the problem in the TS class, and that wasn't the case at all.

10 In fact, as more smaller customers have come 11 into the class, we're finding that class is -- the 12 small customers are more than earning their rate of 13 They're not dragging down the class. return. 14 They're not causing the subsidy to increase. And 15 I'll accept some of the statements that, "Oh, well, 16 the small customers don't have a big impact on the 17 overall TS class." But it's not hurting them. Whv 18 do we need to block it?

The inclusion of small, nonresidential TS customers in the TS class is not the source of the company's TS cost of recovery problems. The cost of service studies, including those that were performed by DEU for US Magnesium, show that large TS customers are where the under-recovery is.

Coincidentally, none of the parties that

requested this cost of service studies for segments 1 2 of the TS class -- not US Magnesium, not UAE, not the 3 Division -- presented the results of those studies. 4 If we're trying to find the answers to questions or at least quide the Commission as to what next steps 5 should be, why isn't that put before you? 6 It was only ANG that put it together in some kind of 7 systematic format so that you could see what the 8 9 story was, and the story is you don't need to be 10 restricting small TS customers and further movement 11 to that class.

12 DEU's rate structure proposals focus on 13 three kev issues. The need to move to full cost of 14 service and eliminate interclass and intraclass 15 subsidies, the second part of which they push off to 16 the future. You know, if you were a customer and you 17 feel that you're not paying your fair rates, is that 18 a very satisfying answer to say, "Well, we'll address 19 that three years from now maybe"?

The second was to block customer transfer so that we could stabilize this class, which I submit to you won't have that result.

And the third is to reduce subsidization within the GS class. And the company has taken a very minimal first step in that direction. But

really to address that, you have a class that, once again, has huge diversity within the class and needs to be segmented. Almost all other utilities that I've dealt with have several breakdowns of their nonresidential customer service. And to take the GS class and split it just residential/nonresidential is a first step in that direction.

Now, unfortunately, the company hasn't come forth with the data that would allow any other party to make an affirmative recommendation in that case -in that -- on that issue. But it needs to be done, and it needs to be done near term, not in the next rate case.

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14 I also note that there's some questions 15 about how the company has designed its rate 16 In Witness Summers' surrebuttal proposals. 17 testimony, he presents a table on page 5 that 18 purports to show rate increases for different sizes 19 of TS customers. Well, I looked at that, and the 20 first thing that struck me was, how do you have one rate increase for each size? 21

I've presented analyses in my direct testimony that document that there's huge diversity in the load factors for customers within the TS class. There are more than 100 customers that have

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1 load factors over 100 percent. There are over 90
2 customers that have load factors less than
3 20 percent. Yet within the company's largest 100
4 customers, you see load factors ranging from
5 23 percent to over a 1,000 percent. How does that
6 happen? Because -- it happens because of non-firm
7 load. But it is an actual result, and it makes sense
8 when you recognize the non-firm load.

But there's a large diversity. The same thing is true when you examine the load factors for smaller customers. Well, on average, their load factors may be in the 25 or 30 percent range. There are customers of reasonably small size that can have 50 and 70 percent load factors. There are customers in that range that may take interruptible service and have even higher load factors. Load factor is a very important consideration. And Witness Summers' surrebuttal table in his testimony doesn't address any of that.

When I looked further as to what was going on in that exhibit -- or in that table, I realized I had to reference his surrebuttal Exhibit 4.01SR. And in the detail of that, I found some surprising things. In the underlying data from which those rate impacts were calculated, there was an assumed

34 percent decrease in the fourth block volumetric 1 2 charge for TS customers. That's a block that only 3 applies to the largest customers, which are the 4 customers that have been shown to have the worst rates of return. 5 6 Now, when I go through a rate filing and there's a change of that magnitude, I would expect it 7 to be discussed explicitly in the testimony. 8 There's 9 no mention of it. How can we do that? Now, the 10 company says, "Well, you know, we have reduction 11 there, but we ultimately get to the higher rate." 12 But that means a 55 percent increase in the tail 13 block charge for these customers in the last step. I'll guarantee you, when it comes to the time that 14 15 they -- we get that charge, they're going to be 16 saying, "Hey, that's too much. We can't bear it." 17 Now, yeah, there's a reduction that several 18 people have mentioned in the administrative charge 19 that does reduce costs for smaller TS customers, but 20 there's a key difference here. The reduction in the

administrative charge is based on the company's representation of a reduction in its cost for providing administrative services. Now, I still think they're overstated, but they -- at least there was some cost foundation for that change.

1 The change that's been -- that was in that 2 analysis and in the company's Exhibit 4.01SR for the 3 fourth block of the volumetric charges has no cost of 4 service foundation. Rather, it's directly counter to the cost of service. 5 6 MS. CLARK: I don't mean to interrupt, and I am trying not to interrupt your flow, recognizing how 7 late we are in the day, but we've got some live 8 9 sur-surrebuttal happening with regard to Mr. Summers' 10 surrebuttal testimony. And recognizing that that's 11 not appropriate, I would move to strike prior 12 testimony related to that exhibit. And I would also 13 request a Commission directive that further live sur-surrebuttal on Mr. Summers' testimony not be 14 15 permitted. CHAIRMAN LEVAR: 16 Mr. Mecham, do you want to 17 respond to her motion? 18 MR. MECHAM: Yeah, I -- well, when else 19 would he respond to the surrebuttal? It's just -- so 20 that's the final word? Or do we get an opportunity 21 in hearing to be able to express our position on the 22 surrebuttal, which is new stuff? 23 I think it's completely within the -- I 24 think it's completely proper, and I don't know when 25 else you would get a chance to do it.

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1	And, in fact, we have hearing exhibits that		
2	actually address directly his phase-in; that is,		
3	Mr. Summers' phase-in. So, I mean, unless you're		
4	going to have surrebuttal always be the final word,		
5	you're not going to allow parties to really be able		
6	to flesh out the positions appropriately.		
7	CHAIRMAN LEVAR: Does any other party want		
8	to weigh in on this objection?		
9	MR. SNARR: I have a comment.		
10	CHAIRMAN LEVAR: Mr. Snarr, go ahead.		
11	MR. SNARR: Surrebuttal, from my experience,		
12	is the final word. However, surrebuttal is subject		
13	to cross-examination by all the parties as part of		
14	the proceeding. But we probably ought to recognize		
15	the difference between the opportunity to cross		
16	surrebuttal and instead invent an opportunity to		
17	provide a sur-surrebuttal.		
18	CHAIRMAN LEVAR: Thank you, Mr. Snarr.		
19	Before I come back to Dominion, any other		
20	party want to comment on the objection?		
21	MR. JETTER: I'd just like to, I guess, add		
22	a comment somewhat mirroring Mr. Snarr's comment.		
23	The Division has fairly consistently, over time,		
24	opposed to live sur-surrebuttal unless it's been		
25	previously approved by the Commission.		

1	CHAIRMAN LEVAR: Okay. You want to add
2	anything final to
3	MS. CLARK: I do.
4	CHAIRMAN LEVAR: your objection?
5	MS. CLARK: I want to emphasize again what
6	Mr. Snarr has, I think, ably pointed out, and that
7	is, the hearing exhibits that were offered previously
8	in this hearing were in the nature of cross. And I
9	think that is appropriate. I think in a witness
10	summary, live sur-surrebuttal clearly is not. It's a
11	standard that I think all the parties here have been
12	held to in the past, and would ask the Commission to
13	do so now.
14	MR. MECHAM: May I respond?
15	CHAIRMAN LEVAR: Sure.
16	MR. MECHAM: In my experience, there has
17	been live surrebuttal in order to ensure that the
18	record has been fleshed out. They can still they
19	can cross-examine Mr. Oliver on anything he said
20	here. But without it, I think you're going to have
21	an inadequate record.
22	CHAIRMAN LEVAR: Anything further?
23	MR. MECHAM: No.
24	CHAIRMAN LEVAR: Considering the time,
25	considering that I don't want to put once we move

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1	past this, I don't want to put any party in the
2	position of feeling like they need to rush their
3	cross-examination. I think we're going to be here in
4	the morning. I don't see any avoiding that, and so
5	I'm going to take the easy way out and defer ruling
6	on this motion until first thing in the morning when
7	we reconvene at 9:00 a.m.
8	With that, anything else that we need to
9	address before we adjourn until tomorrow and for
10	tonight's public witness hearing?
11	MR. MECHAM: No.
12	CHAIRMAN LEVAR: Okay. We are adjourned
13	well, not I'm sorry not adjourned. Recess.
14	Recess. Big difference.
15	(Proceedings were recessed at
16	5:25 p.m.)
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REPORTER'S CERTIFICATE

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STATE OF UTAH COUNTY OF UTAH

I, KIMBERLY A. HARMON, a Certified Shorthand Reporter and Registered Professional Reporter, hereby certify:

THAT the foregoing proceedings were taken before me at the time and place set forth in the caption hereof; that the witnesses were placed under oath to tell the truth, the whole truth, and nothing but the truth; that the proceedings were taken down by me in shorthand and thereafter my notes were transcribed through computer-aided transcription; and the foregoing transcript constitutes a full, true, and accurate record of such testimony adduced and oral proceedings had, and of the whole thereof.

I further certify that I am not a relative or employee of any attorney of the parties, nor do I have a financial interest in the action.

I have subscribed my name on this 24th

day of January, 2020.

Kimberly A. Harmon, RPR, CSR

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