1		STATE OF NEW HAMPSHIRE
2		PUBLIC UTILITIES COMMISSION
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4	November 14, Concord, New	2012 - 1:50 p.m. Hampshire NHPUC JANO2'13 AM10:07
5	Concord, New	HHLDO THING TO HIS A
6	D.F. •	DT 12-084
7	KE:	TIME WARNER ENTERTAINMENT COMPANY, LP, d/b/a TIME WARNER CABLE:
8		Petition for Resolution of Dispute with Public Service Company of New Hampshire.
9	. A	
10	PRESENT:	Chairman Amy L. Ignatius, Presiding Commissioner Robert R. Scott
11	inger .	Commissioner Michael D. Harrington
12		Sandy Deno, Clerk
13		
14	APPEARANCES:	Reptg. Time Warner Entertainment Company d/b/a Time Warner Cable:
15		Maria T. Browne, Esq. (Davis Wright Tremaine) David Anderson, Esq. (Pierce Atwood)
16		Michele E. Kenney, Esq. (Pierce Atwood) Julie P. Laine, Esq. (Time Warner)
17		Reptg. Public Service Co. of New Hampshire:
18		Michael J. Hall, Esq.
19		Reptg. Comcast of New Hampshire, Inc., et al: Susan S. Geiger, Esq. (Orr & Reno)
20		Reptg. segTEL:
21		Kath Mulholland
22		
23	Cc	ourt Reporter: Steven E. Patnaude, LCR No. 52

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     APPEARANCES:
                    (Continued)
 3
                    Reptg. Unitil Energy Systems, Inc.:
                    Harry N. Malone, Esq. (Devine Millimet...)
 4
                    Reptg. PUC Staff:
                    Alexander F. Speidel, Esq.
 5
                    Kate Bailey, Director/Telecom Division
                    Les Stachow, Telecom Division
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1	PROCEEDING
2	CHAIRMAN IGNATIUS: I'd like to open the
3	hearing in Docket DT 12-084, which is Time Warner
4	Entertainment Company versus Public Service Company of New
5	Hampshire. This is a docket involving rates charged for
6	pole attachments. And, we had a hearing scheduled for
7	today and tomorrow on the merits, but we know that
8	yesterday a Settlement Agreement was filed, and scheduled
9	this time this afternoon for consideration of the
10	Settlement Agreement. It's between PSNH, Time Warner,
11	four Comcast entities, SegTEL, and the Commission Staff.
12	So, why don't we first take appearances,
13	beginning with Time Warner.
14	MS. BROWNE: Maria Browne, on behalf of
15	Time Warner Cable, and I'm from Davis Wright Tremaine.
16	MR. ANDERSON: David Anderson, from
17	Pierce Atwood, for Time Warner.
18	MS. KENNEY: Michele Kenney, from Pierce
19	Atwood, on behalf of Time Warner.
20	MS. LAINE: Julie Laine, with Time
21	Warner Cable.
22	CHAIRMAN IGNATIUS: Welcome.
23	MS. GEIGER: Yes. Good afternoon,

Chairman Ignatius, Commissioner Scott, Commissioner

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Harrington. I'm Susan Geiger, from the law firm of Orr &
 1
 2
       Reno, appearing on behalf of Comcast. With me today at
 3
       counsel's table is James White from Comcast. And,
 4
       listening over the telephone this afternoon are Jay
 5
       Ireland, from Davis Wright Tremaine; Tracy Haslett, from
       Comcast; and Glenn Fiore, from Comcast.
 6
 7
                         CHAIRMAN IGNATIUS: All right. And, can
       you hear us on the phone? Or, are they muted? Maybe they
 8
 9
       can't answer.
10
                         MS. HASLETT: We can hear you.
11
                         FROM THE PHONE: Yes, we can hear.
12
       Thank you.
13
                         CHAIRMAN IGNATIUS: Good.
                                                    To the back
14
       there, Mr. Malone.
15
                         MR. MALONE: Yes. Harry Malone, with
16
       Devine Millimet. I'm here representing Unitil Energy
17
       Systems.
18
                         MS. MULHOLLAND: Good morning,
       Commissioners. Kath Mullholand, Director of Regulatory
19
20
       Affairs for segTEL.
21
                         MR. HALL: Good afternoon,
       Commissioners. I'm Michael Hall, Senior Counsel for PSNH.
22
23
       With me today at counsel's table is Ed Davis, Dave
24
       Bickford and Allen Desbiens from the Company.
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1 MR. SPEIDEL: Good afternoon,

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Commissioners. Alexander Speidel, representing the

Commission Staff. And, I have with me the Director of the

Telecom Division, Kate Bailey, and Les Stachow of the

Telecom Division.

CHAIRMAN IGNATIUS: Good. Did we miss anyone? Looks like not. All right. Thank you.

Are there any procedural matters to take up before we begin with presentation of the Settlement Agreement? I mean, I can think of one. Which is, we do have an administrative rule that requires filing of the settlement agreement no less than five days prior to a hearing. By scheduling it for this afternoon, I've just sort of assumed that we were all okay with a waiver of that rule, although I didn't ask my colleagues that. And, so, unless they're going to break out in a fight here, we'll consider that waived. This is something that I know there is a clock ticking on this. It made sense to go ahead and hear it right away when people were successful in reaching agreement. And, so, we didn't want to send everyone off and have to look for new dates and make new travel plans. So, we're happy to go forward this afternoon with the Agreement.

Is this any other procedural matter to

1 discuss, before we begin on the Agreement itself? MS. BROWNE: Yes. 2 3 CHAIRMAN IGNATIUS: Ms. Browne. 4 MS. BROWNE: We would request that their 5 already filed material, the testimony, be marked as exhibits and entered in, as well as the Settlement 6 7 Agreement. And, we'd actually mark those in advance and have numbers associated with those. Would you like me to 8 9 read those? 10 CHAIRMAN IGNATIUS: Yes. Is there any 11 -- everyone's taken a look at that. Any opposition to any of the items being marked for identification? 12 13 MR. HALL: No, there is not. 14 CHAIRMAN IGNATIUS: Okay. This is to 15 the Clerk. Do you have a list of what the items are? 16 Have they worked through with you what the numbering would 17 be? 18 MS. DENO: Yes, I do. 19 CHAIRMAN IGNATIUS: All right. 20 don't we -- why don't you go ahead, Ms. Browne, and just 21 read through what each of the items would be, and then we'll maybe not even take time to go fighting through our 22 23 files to do it, but we'll get caught up to make sure that 24 we get those correctly identified.

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1
                         MS. BROWNE: Okay. So, the Settlement
 2
       Agreement between the parties would be "Exhibit 1"; the
 3
       Direct Prefiled Testimony of Patricia Kravtin would be
       "Exhibit 2"; the Reply Prefiled Testimony of Patricia
 4
 5
       Kravtin would be "Exhibit 3"; the Prefiled Testimony of
 6
       Julie Laine is "Exhibit 4"; the Prefiled Testimony of
 7
       Christopher Hodgdon and Glenn Fiore is "Exhibit 5"; the
       Prefiled Testimony of Edward Davis is "Exhibit 6"; and the
 8
       Prefiled Testimony of Jeremy Katz is "Exhibit 7".
 9
10
                         CHAIRMAN IGNATIUS: All right. And, are
11
       there other exhibits other parties have a request to mark?
       Or is that it?
12
13
                         MR. HALL: PSNH does not have any.
14
                         CHAIRMAN IGNATIUS: All right.
15
       the -- and we'll mark those for identification as you
16
       described.
17
                         (The documents, as described, were
18
                         herewith marked as Exhibits 1 through 7,
19
                         respectively, for identification.)
20
                         CHAIRMAN IGNATIUS:
                                             Thank you.
21
       the plan for presentation? Are we having witnesses on the
22
       stand as a panel or individually?
23
                         MS. BROWNE: Yes. My understanding is
24
       that Patricia Kravtin and Mr. Edward Davis will be
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1 available as a panel to explain the Settlement.

CHAIRMAN IGNATIUS: All right. And, is 2

3 there any other witness who will be testifying after that

or was that the expectation, it was just those two? 4

MS. BROWNE: That's the expectation.

6 MR. HALL: That was it.

7 CHAIRMAN IGNATIUS: It's just those two.

All right. 8

5

All right. Then, unless there's 9

10 anything further, why don't the two witnesses get settled

11 at the witness table.

12 (Whereupon Patricia D. Kravtin and

13 Edward A. Davis were duly sworn by the

14 Court Reporter.)

15 CHAIRMAN IGNATIUS: All right. Excuse

16 me, Ms. Browne.

17 PATRICIA D. KRAVTIN, SWORN

EDWARD A. DAVIS, SWORN

19 DIRECT EXAMINATION

BY MS. BROWNE: 20

18

- 21 Ms. Kravtin, will you please state your full name for
- 22 the record.
- 23 (Kravtin) Yes. Patricia D. Kravtin.
- 24 Can you please describe your professional and Q.

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1 educational background?

A. (Kravtin) Yes. My educational background is in the field of economics, and, in particular, with the study of government regulation of industry and industrial organization. My training is in economics, both at the undergraduate level and at the Ph.D. level, where I was trained at the MIT School of Economics, again, with specialization in government regulation of industry and industrial organization.

For the bulk of my career as a consulting economist, I have specialized in the economics and regulation of regulated industries, in particular, with specializations in telecommunications, cable, and electric utilities. Over that period, I've been involved in many aspects of rate regulation and competitive markets.

In recent years, I've been very involved in cost analyses of services offered by incumbent utilities. And, one particular component with which I've specialized in recent years is access to poles, conduits, and rights-of-way. As part of that, I've testified before a number of state commissions on that topic. I have been qualified as an expert witness in numerous litigation matters in state and federal court.

- And, I have participated in FCC rulemakings on this subject.
 - Q. And, have you testified before this Commission previously?
 - A. (Kravtin) Yes. I testified before this Commission in the Commission's generic competition proceeding, DR 90-002, where I testified concerning matters regarding toll and switched access monopoly services. One other additional area I've been involved in in recent years is the deployment of broadband services, having worked on a number of reports and analyses, and also serving as a qualifier during the federal government's BTOP Program of qualifying broadband service deployment.
 - Q. And, are you familiar with the Settlement Agreement that has been marked as "Exhibit 1"?
- 16 A. (Kravtin) Yes, I am.

- Q. Could you describe the portions of the Settlement
 Agreement that pertain to the pole attachment rental
 rate?
 - A. (Kravtin) Yes. The particular component of the

 Settlement Agreement that specifically deals with the

 pole attachment rate, under Section 1, "Settlement of

 Dispute". And, in that area, a formula calculation is

 presented for development of a unified pole rate that

would be applied to all attachments to PSNH poles by cable television service providers and competitive local exchange carriers. This rate formula identified on Page 3 of the Settlement document would apply for the period January 1st, 2013 going forward. And, as such, also would be calculated using the most recent data available from the FERC Form 1, which would be data as of year end 2011.

So, looking at the formula, there are four basic components: 0.44 times space factor times a Net Cost of Bare Pole times a Carrying Charge Rate.

And, I will go through those briefly. But I will note that the space factor is identified below, which is itself a formula, with different components. And, then, there a number of footnotes that further clarify the basis of the particular inputs to the formula.

So, going through those components. It is a rather straightforward formula and is consistent with pole rate formulas adopted by the FCC and by the overwhelming majority of states that certify to regulate pole attachments. So, the formula itself looks at the costs associated with pole attachments, and then a method of allocating the cost of the pole to third party attachers. In this formula, of the four

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components, three of those relate to the underlying costs of the entire pole that are being allocated.

And, those would be the 0.44 factor, the Net Cost of Bare Pole factor and the Carry Charge Rate. The fourth component, indicated as "SF", or the "Space Factor", really goes to the allocation method of allocating the cost of the pole.

So, taking the three components that comprise the costs to be allocated, the 0.44 being a factor determined by the parties and consistent with the FCC's most recent pole order, April 7, 2011, develops factors. That particular factor is consistent with a factor developed by the FCC to apply to non-urban areas. That is multiplied by the Net Cost of a Bare Pole, which represents a unitized measure of the investment cost of the entire pole. And, then, that is multiplied by a Carry Charge Rate, which really is a -it's an expense factor, a factor derived by taking ratios and expenses to investment, so that, when applied to the net bare pole costs, it takes an investment cost and translates that into annual costs. So, again, it's a multiplicative formula, the 0.44 times the Net Cost of the Bare Pole times the Carry Charge Rate gives an annual cost figure associated with the use of a pole for pole attachment purposes.

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Those components are calculated in accordance with current FCC policies and rebuttable presumptions. And, those presumptions would relate to various components of calculating the Net Cost of Bare Pole, and they are rebuttable by either party, based on evidence, but, otherwise, certain FCC presumptions apply.

Going next to the "Space Factor", which I indicate is really the allocator that applies to the total cost determined. It has effectively two components. The first component, represented by the number 1, relates to the usable space on the pole or the space occupied by an attacher. And, it is common convention and well established that, for a third party attachment, that would be one foot of usable space. That is added to the second component, which is itself various factors, but that use unusable space on the pole. Again, there's certain presumptions that determine that to be 24 feet on an average joint use pole of 37 and a half feet. And, you take that unusable space, multiplied by a two-thirds factor, divided by the number of attachers. And, those two components are divided by pole height to sort of weight

the effect of unusable space and unusable space, again for purposes of determining an allocator. And, then, that space factor is multiplied by the other three components to arrive at the pole attachment rate.

With regard to that space factor, which again has a number of components to it, the Settlement Agreement sets forth a range of values, and that serves to, I think, reduce the amount of potential dispute over those particular components. As indicated in Footnote 5, the ranges of the number of attachers is prescribed to be between 2.7 at the low end, as a lifetime low, but it could potentially raise to 3, within a certain period, prior to January 1, 2016, which corresponds to the end of the PSNH Rate Settlement period.

After that, the parties could rebut that number, subject to information that the parties would present. But, during the period up to the end of PSNH Settlement Agreement, the number of attachers is limited within that range of 2.7 and 3.

- Q. And, just for a point of clarification, after

 January 1st -- after December 31st, 2015, again, the

 2.7 number can be reduced under this Agreement?
- 24 A. (Kravtin) No. Pursuant to Footnote 5, the minimum 2.7

1 stays in place for the life of the Settlement 2 Agreement. It is the value of 3 that is fixed as the 3 maximum through the Settlement period, but then could be challenged by a party, based on evidence that there 4 5 are, in fact, a greater number of average attachers 6 following that period. 7 MS. BROWNE: Thank you. That concludes Patricia -- my direct testimony of Patricia's direct 8 9 examination. 10 CHAIRMAN IGNATIUS: All right. ${\tt Mr.}$ 11 Hall. Good afternoon, Mr. Davis. 12 MR. HALL: 13 WITNESS DAVIS: Good afternoon. 14 BY MR. HALL: 15 Could you please state your full name for the record. 16 Α. (Davis) Edward A. Davis. 17 And, Mr. Davis, by whom are you employed? Q. 18 Α. (Davis) Northeast Utility Service Company. 19 And, could you state the relationship of Public Service Q. 20 Company of New Hampshire to Northeast Utilities Service 21 Company. (Davis) PSNH is a operating affiliate of the Northeast 22 Α. 23 Utilities system companies. And, Northeast Utilities 24 Service Company provides services to its operating

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1 companies, including PSNH.

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- Q. Thank you. And, what is your position and job responsibilities for the Company?
- A. (Davis) I am a Manager of Pricing Strategy and

 Administration. My responsibilities include rate

 design, rate administration, cost of service analysis,

 and related activities.
- Q. And, can you tell us if you've testified before this Commission before?
- A. (Davis) I have not testified directly. I have
 supported testimony and developed and supported
 prefiled testimony and testimony before the Commission
 in several dockets, including the most recent
 Settlement.
 - Q. And, can you tell us in what other jurisdictions have you testified with regard to pole attachment rate matters?
- A. (Davis) I have testified both in Massachusetts and
 Connecticut, before the Massachusetts Department of
 Public Utilities, and the formerly Department of Public
 Utility Control, now known as the Public Utilities
 Regulatory Authority in Connecticut.
- Q. Okay. And, are you familiar with the document marked as "Exhibit 1", the so-called "Settlement Agreement"?

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1 A. (Davis) Yes, I am.

- Q. In the interest of time, I'll ask you one general question just to start. Do you have any general additions or further description of the proposed Settlement rate formula in the Settlement Agreement, in addition to that of Ms. Kravtin?
 - A. (Davis) Ms. Kravtin articulated the formula extensively quite well. I would just simply add that this is just emphasis that it is a unified pole rate methodology, so that we're able to apply this for any type of attachment, as Ms. Kravtin described, that are either a cable television service provider or competitive local exchange carrier providers. And, so, that's a distinct feature of this methodology, that it is applied regardless of the services that these entities offer. So, I think that's a very positive feature of this particular design.
 - Q. So, then, you'd agree that, essentially, the rate formula treats an attachment as an attachment as an attachment, regardless of the service type?
 - A. (Davis) Effectively. What it does is remove the dispute over a classification of the type of attachment. These are -- this is a rental charge for use of a pole, and it doesn't effectively end up being

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          mired in the question of what type of attachment it is.
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                         MR. HALL: Okay. I think, with that, I
 3
       have no further questions of Mr. Davis at this time.
 4
                         CHAIRMAN IGNATIUS: Thank you. I think
 5
       we should hear from -- take questions from any other
 6
       signatories to the agreement, which would make sense, I
 7
       think, to turn to Ms. Geiger?
                         MS. GEIGER: I have no questions.
 8
                                                            Thank
 9
       you.
                         CHAIRMAN IGNATIUS: All right.
10
11
       Ms. Mulholland, any questions?
                         MS. MULHOLLAND: No questions.
12
                                                         Thank
13
       you.
14
                         CHAIRMAN IGNATIUS: Does Staff have
15
       questions?
16
                         MR. SPEIDEL: Just one moment, Chairman.
17
                         (Atty. Speidel conferring with Ms.
18
                         Bailey and Mr. Stachow.)
19
                         MR. SPEIDEL: Yes, we do have two
       questions, to the panel, in general. Maybe either or both
20
21
       could provide some background for us.
22
                          CROSS-EXAMINATION
23
    BY MR. SPEIDEL:
24
          The first question that Staff would like to ask by way
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of clarification, there is a figure, a factor that is

provided for in the formula that reads "Net Cost of

Bare Pole". And, for informational purposes, Mr.

Davis, perhaps you know this answer, would you happen

to know what the Net Cost of the Bare Pole for PSNH is

at the present time roughly?

- A. (Davis) I believe it's \$389, currently, for 2013 rates.
- 8 Q. Subject to check?
- 9 A. (Davis) Yes.

- Q. And, the second figure, in terms of clarification, that you might be able to provide us, would be related to the Carrying Charge Rate. We understood that, in general terms, it's a ratio or an application of A ratio. Do we have a current figure for that rate that is generally understood by the parties or not? Or, would that be subject to ongoing discussion?
- A. (Davis) No, I understand we do have a clear -- all parties subject to our attachment rates are clear, certainly, I think between the parties here. We've exchanged what those rates are. Current rate for 2013 is a little over 33 percent. And, that is the sum of five components. But, effectively, when you add those up, that constitutes the 33 plus percent, and, again, subject to check of the actual specific number. But my

Τ	understanding is, first of all, that's that both of
2	these components, the Net Cost of the Bare Pole, as
3	well as the Carrying Charge Rate, are calculated using
4	what I would consider "standard" methodologies that
5	we've been using. That is not disputed in this case.
6	But we have exchanged that information and confirmed
7	back and forth between the parties to be clear on what
8	that rate is. We both concur. And, that rate is
9	calculated annually, using the standard methodologies
10	and publicly available data.
11	A. (Kravtin) Yes. And, I could add, I've done my own
12	independent calculations, and came approximately to the
13	same value, just off in rounding.
14	MR. SPEIDEL: Excellent. Well, thank
15	you very much for your time on that. Staff has no further
16	questions.
17	WITNESS DAVIS: You're welcome.
18	CHAIRMAN IGNATIUS: All right.
19	Mr. Malone, you're not a signatory, but you are a party to
20	the case. Do you have questions?
21	MR. MALONE: No questions, madam Chair.
22	CHAIRMAN IGNATIUS: All right. Then, I
23	think questions from the Commissioners? Oh, none
24	CMSR. HARRINGTON: He said "no"? Yes, I

1 do.

CHAIRMAN IGNATIUS: Commissioner

3 Harrington.

4 CMSR. HARRINGTON: Yes. I had a couple

5 of questions.

BY CMSR. HARRINGTON:

Q. But let me start with a clarifying question. It was just something that I missed, I apologize.

Ms. Kravtin, at the very end of your testimony, I think you were referring to the number of attachers, and you were talking about the numbers "2.7 and 3". And, I just didn't catch what you were getting at. One might change and the other one wouldn't or something?

A. (Kravtin) Yes. If I could direct you to Footnote 5, on Page 3 of the Settlement Agreement. And, in that footnote, and, of course, in all good documents, the interesting material is in the footnotes, of course, but the intent is to define a range. Because most of the inputs, actually, I believe all of the inputs have been agreed to be based on FCC presumptions, which, again, which sort of take away any discrepancies going in, even though all of these presumptions are rebuttable with substantive evidence. But, with regard to the number of attachers, as part of the Settlement

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Agreement, the parties have agreed to a tight range of those numbers. Obviously, the formula calculates a different rate based on what numbers are used as the deviser. So, in that footnote, it indicates that range, during the period of the PSNH Rate Settlement, to be between 2.7 and 3.

Q. Okay.

- A. (Kravtin) And, when you plug those numbers into the formula, you get a rate result. So, the rates that I believe have been calculated going into this Settlement were based on the number of 2.7, which is agreed upon for the parties as commencing with the 2013 forward calculations, this value shall be no less than 2.7, and that number was used. But the parties do have the right, within that footnote, to challenge that number as being too low commencing with the next rate formula calculation applicable January 1, 2014. So, it's just prescribing limits as to figures, again, to narrow the dispute and identify the range of the applicable rate.
- Q. Well, that helps. I guess my question is, but you seem to have -- we have a formula that has a bunch of variables in it. And, then, the variables are sort of hinted at or somewhat defined, but not explicitly defined, by a series of footnotes. And, since this is

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that, for example, for the sake of the Janua	ary 1st
going forward 2013 going forward calcula	tion that
2.7 will be used by the for the number of	f attachers,
since this document just says "no less than	2.7", why
couldn't one of the parties decide "well, ne	o less than
2.7 is 2.9"?	

(Kravtin) And, that is allowed, that is allowed within Α. the terms of the Settlement, that a party could petition for that. But, again, if you look at the range, and I've done the calculations, the FCC presumptive value for a non-urban area is 3. So, the parties have really narrowed the range, between 2.7 and And, so, the impact on the rate is not that significant a range that the parties have prescribed for this period. Once the PSNH Settlement period is over, beginning January 1, 2016, then I believe there would be more discretion of a party to advocate for a number of attaching entities greater than 3, but not before that time. And, obviously, the larger the number of attaching entities under this formulation of a space factor, it will bring the rate down, because you're dividing, at least a portion of those costs, among a larger base of users.

- Q. Okay. That helps. I guess what I'm just trying to determine is, for the period starting January 1st, 2013, it still seems to me to be a formula with variable inputs that haven't been defined anyplace, other than by what people are stating now or --
- 6 A. (Kravtin) Okay.
- Q. So, is there some other part of this Agreement that I'm missing that --
- 9 A. (Kravtin) Yes. They're in the other -- in the other,
 10 excuse me, in the other footnotes.
- 11 Q. Uh-huh.
- 12 A. (Kravtin) So that, if you look at the factors that are defined, the "Unusable Space is presumed at 24 feet".
- Q. I guess you don't have to read it. I've read that and
 I read the pole height --
- A. (Kravtin) And "the Pole Height is...37 and a half."

 So, really, those numbers, in fact, have been

 quantified. Those are the missing pieces, in the

 footnotes.
- Q. But the net bare -- the Net Cost of Bare Pole, the
 Carrying Charge Rate, and the number of attachers is
 not explicitly stated in the Settlement Agreement for
 the period beginning January 1st, 2013, is that
 correct?

A. (Kravtin) No, I believe --

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- 2 Q. Is it in here someplace and I don't see it?
- 3 Α. (Kravtin) Yes, in that. In that, the number of attachers, okay, is, again, described as being between 4 5 "2.7 and 3". So, that -- that particular factor is 6 designated as within that range. As far as the net bare pole cost and carrying charge, as Mr. Davis 7 indicated, the rules for determining those costs, they 8 9 are specified under FCC rules to very specific FERC 10 accounts. That's why, when Mr. Davis did his 11 calculations, and I performed my own independent calculations, even without conferring, we knew exactly 12 13 which lines in the FERC Form 1 the formula was 14 referring to, and we came within, you know, half a
- 16 A. (Davis) Tenths, yes.

penny --

- A. (Kravtin) -- of the same number, working independently.

 And, that's the beauty of these types of formulas,

 because the same FERC Form 1 line items are clarified

 and used by the person doing the calculation.
 - Q. So, then, it would be safe to say then, with the exception of the possible variation of the number of attachers, which is defined as "2.7 to 3", all other terms in this equation have been defined, either

- 1 through explicitly listing them or reference to some
- other standard or FCC rule or formula, you can find
- 3 them?
- 4 A. (Kravtin) That is correct.
- 5 A. (Davis) That's correct.
- 6 Q. That's what I was trying to get to.
- 7 A. (Kravtin) Thank you. Very good question.
- 8 Q. Let me just kind of change a little bit here. And, Mr.
- 9 Davis, this has to do with you. And, I don't have the
- exhibit numbers in front of me, but it's your
- 11 September 14th testimony. That would be Exhibit 6, I
- 12 guess.
- 13 A. (Davis) Yes.
- 14 Q. Do you have that with you?
- 15 A. (Davis) Yes, I do.
- 16 Q. Okay. And, let me say this to start out with, does
- 17 Public Service assume that the total revenue, and we'll
- 18 just use this, since this is done, I guess, on an
- annual basis, for the first year of the Agreement, is
- 20 the total revenue that you'll be obtaining from pole
- 21 attachments going to go up or down?
- 22 | A. (Davis) Let me just prelude my response to recognizing
- 23 this is a formula rate. So, in testimony, what we
- referred to as, excuse me, a level of revenue that was

reflected in determining rates for electric service
customers in our Settlement Agreement. So, the actual
annual dollar amount will vary based on the pole
attachment formula. It has varied since the Settlement
Agreement was originally entered into. It had been
that had been the case previously. So, these factors
that Ms. Kravtin just described have always been
variables. And, so, that revenue level will vary based
on the factors, as well as the numbers of attachers in
a given year. So, there's no prescribed revenue
amount, per se. The revenues are a result of the
variability of these factors, as well as the number of
attachers in a given period. So, relative to what was
described for a number of different rate methodologies
in my testimony, the September 14th testimony, versus
what is shown in this Settlement Agreement, both
reflect pole attachment formula methodologies. So that
the outcome will ultimately be in a given accounting
period or calendar year, whatever the actual rate is
that's calculated, as well as the numbers of attachers.
So, what this new methodology under the
Settlement Agreement provides is a unified method,
rather than having numerous different methods we all

rather than having numerous different methods, we all have a single method that we can rely on. Pretty much

the same variables come into play, it's just a less complex process to provide more transparency and simplicity for all parties. So, the revenues themselves will continue to vary by year.

In 2012, we had a higher rate than we have in 2013, specifically because our Carrying Charge Rate had gone down. In testimony, I mention a factor of "35 percent", which was the 2012 Carrying Charge Rate, and earlier today I had mentioned that our current rate for 2013 is a Carrying Charge Rate of "33 percent". So, that's just a function of the annual costs and how the formula rate methodology works.

So, these are kind of minor variations that change through time. They have been higher, they have been lower, in the last couple of years. Again, it depends on the factors that go into calculating the formula rate each year.

- A. (Kravtin) And, as you mentioned, the number of units.

 Because you could have the rate go down slightly, --
- 20 A. (Davis) Yes.

- A. (Kravtin) -- but the number of units go up, so that, on balance, the actual revenues could increase.
- 23 A. (Davis) That's correct.
- 24 Q. Okay. Again, returning to your Exhibit 6, your

testimony, Mr. Davis, and I'm just going to read a few
excerpts throughout here. On Page 2, starting on Line
21, it talks about "subsidization by Public" "PSNH's
electric customers is already embedded within the cable
and telephone pole attachment rate methodologies
currently being applied. In addition, I identify the
impacts to the Company and additional subsidization by
electric companies [sic-customers] that would occur as
a result of reducing the telecom rates." And, if we go
to, excuse me, Page 4, starting on Line 12, it says
"Currently, the Company's electric distribution service
rates have been set in accordance with the Rate
Settlement. These rates are predicted [sic-predicated]
on revenues that recover costs from PA rates determined
using methodologies in place at the time electric rates
were set, and that are currently being applied by the
Company. If there were a reduction to the PA rates due
to a change in methodology during the 5-year Rate
Settlement, the Company would have revenue shortfalls
unless the Commission provided an opportunity to make
an equal reconciling change to the Company's
distribution rates."
And, then, we go to Page 6, the question
on Line 11, "Do PSNH's current PA rates recover the

full cost of service associated with pole rent for the attachments of the attaching entities?" And, the answer is "No. Both cable and telecom pole attachment methodologies recover less than the full cost", and then it goes on more from there.

Page 7, middle of the page, 9, "that result in subsidies by Public Service's electric service customers." And, it just kind of goes on like this.

And, then, if you go to Page 13, you give a specific example. "If an attaching entity pays an attachment fee of \$10 per year, PSNH's customers would bear the cost of an additional \$60 (\$70 incremental cost less the \$10 charged) through higher distribution rates."

So, I guess my question is, you make quite a broad case here for that, under present methodology, that there is already a very substantial subsidy being paid by the distribution companies of Public Service for these attachments. And, so, number one, I guess, does the Settlement Agreement then eliminate this subsidy?

A. (Davis) I would say that I think the questions, certainly, as I address them in my testimony, point to

the central debate of the extent of subsidy. The

Settlement rates we find are a middle ground. Telecom

rate methodologies, by themselves, would result in a

higher unit rate, and cable TV methodologies, by

themselves, would result in a lower rate than what the

Settlement methodology would produce. But what happens
is, it's a function of the mix of attachments. So, if

an attachment is considered telecom at a higher rate or

cable at a lower rate, the net effect, again, based on

the mix, the numbers of the attachments for each rate

that's in place, and there are effectively six

different rates we're talking about here, excuse me,

would, back in the test year for the Settlement, have

produced a revenue, which it did, of \$1.9 million.

So, the discussion and positions that I put forth in testimony were pointing to my view on the level of subsidy that the rate methodologies that we had been applying, and, again, these are all debatable, these are debated in many different forums, but the level of subsidy that I believe that were present relative to what other proposals, and as I described in testimony, would have been less of a subsidy had different rates been in effect. And, that was my position taken here.

Also, we're trying, and I think this was
a common objective of all parties, was to try to get to
some uniform rate and to not to have this be so
complex. Because, as you dissect all these questions,
by different rate methodology type, the question is
"well, is one rate more of a subsidy than the other?"
And, it's a very difficult task to try to provide full
analysis that supports that, because the identification
of the cost of service of rental of pole space on a
pole is a challenge in and of itself. So, each party
took positions. And, my perspective was that we see
pole attachments as use of an entire pole. There ought
to be a fair share rate rental charge for use of the
pole. These various methodologies, the cable rate
being one methodology, the telecom rate being a
different methodology, had different ways of trying to
decide what the appropriate apportionment of cost
responsibility is for attachments. And, that's the
central debate, which, again, I tried to tackle in
testimony. And, we went through, on a technical
conference level, last week, a discussion about what
these subsidies or what the right basis for costing and
pricing ought to be.
The achievement of settling on a uniform

rate tries to cut through the middle of that. I would
say it's a compromise on all parties to say it appears
to be compensatory, whether we fully, you know, go in
one direction or another, in terms of levels of subsidy
relative to the rates that were in effect previously.
What this rate represents is fair, equitable,
compensatory rates for charging rental on the poles.
It does put aside further debate about subsidies. We
think it's a fair compromise. That does find middle
ground between two ranges of rates that we, you know,
we saw, again, a cable television rate formula and a
telecommunications rate formula, which are standard FCC
formulas, that, through various proceedings and orders
by the FCC, were considered appropriate rates for use
by electric utilities in charging pole rents. This
uniform rate serves to perhaps have less of a subsidy
where there were cable rates, but maybe not maybe
not as much of a reduction in subsidy, and I'm using
that from my perspective, relative to the telecom rate,
which would have been a higher rate.

So, I think we have a reasonable middle ground compromise with the uniform rate that let's us agree that we've somewhat resolved some question of how much subsidy and any debate over how much subsidy we

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          need to continue to argue over, as long as we're
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          getting a fair compensation through these rates for the
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          benefit of use by pole attaching entities of our poles,
          of the electric system poles, and, therefore,
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          reimbursing customer revenue requirements in a manner
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          that gives some compensation for use of those poles
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          that we share, electric and communication providers
                  So, --
 8
          share.
          To tell you the truth, I was hoping for a "yes", "no",
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     Q.
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          or "I don't know".
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          (Davis) Well, --
     Α.
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          And, I think I got an "I don't know."
     Q.
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          (Davis) Well, you know, Commissioner --
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          So, let me just follow up just a little bit more on
     Q.
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          this, --
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     Α.
          (Davis) Yes.
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          -- maybe we can try to get more specific. Because it
     Q.
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          is kind of a tough subject, I understand, to deal with.
19
          It seems like it's extremely complicated.
20
          resulting rate, using the formula and using the
21
          assumptions that we've already discussed at some
          length, I've been told it's around a little over $11
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23
          for the pole attachment rate per year per attachment?
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          (Davis) Correct. We had calculated a rate of about --
     Α.
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- 1 I think it was \$11.05.
- 2 Q. Okay.

- 3 A. (Davis) Yes.
 - Q. So, using \$11.05. Now, going back to your testimony on Page 13, where you talk about "If an attaching entity pays an attachment fee of \$10 per year, PSNH's customers would bear the cost of the additional \$60."

 So, let's just say they paid \$11.05 a year. So, instead of the additional \$60, it's going to be an additional \$49.95 through higher distribution rates, if it's at 11.05. Now, how does that still not constitute a subsidy for the -- for the attachers at the expense of the distribution payers?
 - A. (Davis) This particular table, Table 3, really seeks to illustrate the portion of the pole costs that I think are more in the center of the debate, how much of that additional \$60 did we believe ought to be moved into the pole attachment rate for recovery. It's difficult to use this table in isolation, because this is for a specific pole to illustrate the point. What we talked about earlier, when we mentioned the Net Cost of the Bare Pole and the Carrying Charge Rate, those are average system rates for all of our poles and all of our system costs. So, while it's important to note

that we don't set a different rate for each pole. But, in this example, using real costs for actual poles on our system, for a given point in time, this illustrates the cost differentials on that particular, if it was a 35 versus a 40-foot pole. But, when you blend this set of costs in with all of our poles, they go into those average pole costs and average carrying charge rates, it makes it very difficult to really answer that question.

"no" or something a little more black and white on it in terms of a response. But this is a very specific pole example to illustrate that. One might find other poles where there's a different differential than the \$60. So, I think it's effectively, in terms of trying to get to an efficient -- what I would call an "efficient" economic outcome, if I dare say, the idea is, this highlights, for a given set of costs, for a given set of poles on our system, what kind of subsidies ought to -- we were trying to look at. But, when you look at and step back and you say "I have a quarter of a million attachments on all of our poles", and you're using system average costs, where do we find -- or, how do we move this analysis of a single set of

costs to our whole system?

So, I don't know if I answered your question, Commissioner. But I think our point here was to illustrate the subsidy, if, on average, we're getting a pole attachment rate for a given period, let's say there was higher than the \$10.07 in that example, then I would say there's less of a subsidy, to the extent the rate we're receiving is a little higher than what this table illustrates.

If you extend that to every pole on our system, and that's more theoretical, because it's kind of impossible to actually do that for all of our poles, but you might say there are other differences for every set of -- every one of our poles. And, some poles have more than one attachment on them, some poles have no attachments on them. So, you have many complicating factors.

So, the point is that this highlights and emphasizes the point of subsidy that we were trying to show in testimony. But, when you step back and say, "so, how do you then set a rate that's reasonable to try to capture, you know, to try to address the subsidy issue?" The fact that a rate might be higher in a given period than the \$10.07 would say then there's

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less of a subsidy being borne on that particular pole.

If you average that into all the other poles, it would be, you know, it would be a different number. But that's how we addressed it.

Q. Okay. Let me just -- again, I'll try to get a little more specific as to my concern. And, so, maybe I'll just state it, and then I'll ask you a question. My concern is that, throughout your testimony you've discussed and documented how there was a -- built-in subsidies to the already pole attachment rates that are being borne by the electric distribution customers of Public Service Company. And, you've also stated, "Currently, the Company's electric distribution service rates have been set in accordance with the Rate Settlement." And, "These rates are predicated on revenues that recover costs from the PA rates determined using methodologies in place at the time the electric rates were set, and that are currently being applied by the Company. If there were to be a reduction to PA rates due to a change in methodology during the 5-year Rate Settlement period, the Company would have a revenue shortfall unless the Commission provided an opportunity to make an equal reconciling change to the Company's distribution service rates."

So, my concern is, since this is a change in the methodology, and I've asked whether revenues were going to go up or down, and you said "too complicated a question to answer."

So, I guess I come to the next thing, is this going to result in the Public Service Company requesting or ending up with a revenue shortfall that they would be requesting from the Commission some way of getting additional revenues from the electric distribution rate customers to make up for this rate change?

A. (Davis) No, Commissioner, it would not. The formula rate, including the 0.44 factor that's in the Settlement rate methodology, was designed to achieve the \$1.9 million. So, what we tried to do is say, "we had set rates in the Settlement Agreement. Granted, revenues will change based on numbers of attachers, just as kilowatt-hours and demands for electric service customers will be higher or lower in a given period."

But we wanted to retain the revenues that came from the methodologies that related to the 1.9 million in the Settlement. So, when we developed the rate, the Unified Pole Rent Formula in Section 1 of our Settlement Agreement, the design was based on trying to

1 achieve that same level of revenues, recognizing that 2 year to year, from 2013 through the end of the current 3 Settlement period, the actual numbers of attachers, the Carrying Charge Rate, the Net Cost of the Bare Pole, 4 5 which would change anyway, might result in a different revenue than the 1.9 million. But it was designed to 6 7 achieve an equitable, basically comparable outcome to 8 what was designed into current rates. And, that was 9 our concern.

- 10 Q. And, that was my original question.
- 11 A. (Davis) I'm sorry.
- 12 CMSR. HARRINGTON: Given that, it makes
- me feel a little better about the Settlement Agreement.
- 14 Thank you. And, that's all the questions I had.
- WITNESS DAVIS: You're welcome. Thank
- 16 you.
- 17 CHAIRMAN IGNATIUS: Commissioner Scott,
- 18 questions?
- 19 CMSR. SCOTT: I'm going to talk about
- 20 something totally different.
- 21 BY CMSR. SCOTT:
- 22 Q. So, this is more for clarification for me. So, again,
- on Page 3 of the Settlement, Exhibit 1, I guess this
- is, so just to verify. So, this applies -- the formula

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- applies to all cable television service providers and all CLECs, even if they're not a signatory of this document, correct?
 - A. (Davis) That's correct.

- Q. And, so, how will non-signatories, how will they be dealt with? There will be some notice given, I assume?
- A. (Davis) My understanding is, and what we will be doing is we have aerial license agreements, which we notify each customer, any signatory to those agreements, basically, these attachers that you just referred to.

 We've posted what those rates would be. We will now re-notice what these -- what the new rates will be, relative to this Settlement Agreement methodology.
- Q. And, I think that's pretty much it. So, going back, as much as I hate to, the subsidy issue, just to clarify also. I mean, again, you talked about the example on Table 3, on Page 13 of your testimony, as an example. And, I think you, to paraphrase you, I just want to make sure I understood correctly. That was an example of where, because, theoretically, had to raise -- buy a bigger pole, that was additional cost on the electric utilities that you wouldn't have incurred otherwise. And, to the extent that that wasn't all recouped, that's a subsidy, is that correct, in that example?

A. (Davis) That was part of what we were trying to illustrate here.

- Q. And, if, my understanding, if you balance that across your whole system, there would be some poles that wouldn't need -- would be the same size pole whether you had an attachment on it or not, and you would still be getting the revenue from that. And, at a broad scope, you were saying it kind of balances out, is that correct?
- A. (Davis) Yes. But I would just want to qualify. I think what I was trying to explain was -- well, let me just answer it this way. We have many different size poles, different vintages. What I showed here was current cost of an installed -- current installed cost of a pole. We have older poles that are not nearly as costly as these.

What happens is -- so, the answer is "yes", it's a balancing. That's done by virtue of having average system pole costs and average system carrying charges. So, those become your actual average costs. And, they're embedded. So, they're -- you know, whatever vintage, if it's an older pole, it might be costs less, even though if it's taller. You might have a newer pole that's shorter, that might be more

- expensive than an older taller pole. But, net-net, all
 of these poles average out to whatever the rates are
 that we apply. This illustration, again, is using
 current installed costs. These would be more recent,
 more expensive poles. So, again, it was done to
 highlight. But, you're right. It's a balancing, when
 you average it all back in.
 - Q. Okay. And, again, just for my edification, will this agreement change how you deal with other pole attachers who were not encompassed, you know, people who are not cable television service providers or CLECs, will that change how you deal with --
- 13 A. (Davis) No, this --
- Q. -- municipalities, for alarm systems or fire alarms, that type of thing?
- 16 A. (Davis) No. This has no bearing on those.
- 17 Q. Okay. Thank you.
- 18 A. (Kravtin) May I also just comment briefly, just to
 19 further clarify the record?
- 20 Q. Sure.

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A. (Kravtin) Because, when an economist looks at the issue of subsidy, it actually is quite simple for us. And, I appreciate the nuances that Mr. Davis in the rate area is trying to make. Because he's using certain terms,

like "shortfall" and "subsidy", in terms of comparing rates he might have gotten under one set of methodologies and rates under another. That's very different than what an economist would say is a "subsidy" or a "burden" to other ratepayers. Because, when an economist looks at it, it's relative to whether the rate is compensatory relative to incremental costs. The costs that that particular user activity caused. And, I think, in that regard, this rate, which is roughly equivalent, in the zone of the cable rate or the revised telecom, has been demonstrated to be compensatory -- more than compensatory relative to incremental costs. So, there should be no concern of the word "subsidy" from an economic or substantive standpoint.

The other point I would make, as far as the example that Mr. Davis presented, and he did a very good job in clarifying it was for a particular vintage or example of a pole. But, in fact, in reality, where the Company puts in a taller pole to -- specifically to accommodate a third party user, there are other charges, called "make ready", that that user pays, in fact, to replace the pole with a taller pole, and those costs are borne by the third party attacher. So, there

are other sources of recovery that the utility will get
from third party attachers that weren't included in his
example, you know, pursuant to the purposes that he
described.

CMSR. SCOTT: Thank you.

CHAIRMAN IGNATIUS: A few more

questions.

BY CHAIRMAN IGNATIUS:

- Q. Ms. Kravtin, at the very beginning you said that the formula rate that's proposed here follows a lot of the FCC structure, and that the -- I think you said the overwhelming number of states that set pole attachment rates are following the FCC standards, is that right?
- A. (Kravtin) Yes, with one clarification. The formula itself, what I was really referring to, in terms of the rates produced by the formula. Because there are different iterations of formulas, but, when you look at the rates that they produce, then they are in the range of what is known as, you know, the FCC Cable Formula or the formulas and rates adopted by states that regulate.
- Q. All right. So, the end result is in line, though the methodology may be slightly different?
- 23 A. (Kravtin) Exactly.
- 24 Q. Can you go through a couple more, you may have

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described this and I just missed it, what's the source of the "0.44"? How do you get to that number to plug into this formula?

- (Kravtin) That "0.44" number, as I believe I did Α. mention, that is a number identified in the FCC's April 7th, 2011 order, as a factor that the FCC proposed and adopted to revise the old telecom formula. And, again, the stated purposes of that addition of that factor, which is applicable to non-urban areas, because there are different presumptions with regard to number of attachers for non-urban areas, as distinct from There's a factor designed for the urbanized areas. specific purpose of bringing better alignment between the telecom and cable formulas, so as to address what Mr. Davis talked about, trying to reduce the complexities of having different rates for different types of attachments, which are often disputed and complicating the deployment of broadband. So, it's to bring better alignment between the various formulas that could be applied to different attachers of different companies.
- Q. If the FCC were to change that recommended factor to something else, what would that do to this formula rate?

Α.	(Kravtin) Well, as I understand the Settlement, the
	rate formula is determined as the appropriate Unified
	Pole Rate Formula applicable to New Hampshire. And,
	since the Commission here has certified to regulate
	pole attachments, it would not be impacted by the FCC.
	I do believe the FCC reasoned its adoption of those
	factors and, you know, would not I don't believe
	would be looking to change them, because they were
	based on, again, the specific goal of bringing
	alignment between the two formulas that the FCC is
	required, pursuant to Section 224 language, that this
	Commission is not is not constrained by. So, there
	was a certain idea or concept behind that particular
	factor that gives it a certain weight, I believe.
Q.	I'm just trying to understand the mechanics here. It
	sounds like we have some things that we know will
	change annually. Mr. Davis, you said that some of the
	charges are changed annually for the Carrying Charge
	Rate, and is it also true that the Net Cost of Bare
	Pole changes could change annually?
Α.	(Davis) That's correct. The Net Cost of the Bare Pole
	would change annually, the Carrying Charge Rate would
	change annually. And, the number of attachers, we
	would calculate that, okay, but we would then look at

- 1 the range of 2.7 to 3.
- 2 Q. All right.
- 3 Α. (Davis) And, as long as it fell within that, then we would use -- we would use the actual number. However, 4 5 we recognize, to start, initially, the first year 2.7 is our starting point, and that's also our floor. 6
- 7 (Kravtin) And, if I could -- excuse me, I just wanted Α. 8 to clarify one thing that might help for the 9 Commissioner. The annual changes that are occurring to 10 the Net Cost of Bare Pole and the Carrying Charge Rate, 11 those changes are derived from the fact that the Company is reporting new cost data in the uniform FERC 12 13 reporting system. That's different than, say, a change 14 in one of the other components that are rebuttable 15 presumptions, like usable space, unusable space, pole 16 height or even number of attachers. So, I think it's 17 important for the Commission to distinguish between the 18 costs that are going to change just through the normal 19 course of the fact that there's variation year-to-year 20 in the Company's, you know, maintenance or 21 administrative expenditures.
 - Well, and that's fair. Really, what I'm trying to get Ο. at is mechanics.
- (Kravtin) Okay. 24 Α.

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- Q. So that attachers can figure out what they're being charged and why. And, it sounds like some things we know will change or have the potential for changing, because they're on the FERC Form 1, and you can pull those numbers annually to see those?
- 6 A. (Davis) Yes.

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- Q. And, other things, the Company you say will do some -
 PSNH will do some counting of attachments to see if 2.7

 should really should be 2.8, 2.9 or 3?
- 10 (Davis) Correct. And, in fact, the prior rates, the Α. 11 telecommunications formula rate, promulgated by FCC, has that same provision. In other words, there is some 12 13 rebuttable presumptions in there. We've used 2.7. 14 But, just as with -- well, with any other component, we could, if it's rebuttable, we could go back and say, 15 16 "well, if we have better data, we would argue, you 17 know, present that." To the extent, we don't have a 18 change to that number, we wouldn't, certainly. We would use the 2.7, the Carrying Charge Rate, Net Cost 19 20 of the Bare Pole, those are our costs. So, this being a cost-based formula rate, again, those cost items 21 22 would flow through. So, you know, the rents are based 23 on that.
- Q. So, just stick with me. I know this is maybe painful,

- 1 but just process.
- 2 A. (Davis) Yes.
- Q. I'm not arguing with whether they're good numbers or bad numbers, but just process. You are going to notify current attachers, who are not signatories to this Agreement, of what the rates will be as of January 1st,
- 7 2013, correct?
- 8 A. (Davis) Correct.
- 9 Q. And, in the course of the year, you'll recalculate,
 10 resubmit your FERC Form 1, and it may have different
 11 numbers for two of those components?
- 12 A. (Davis) Correct. And, in fact, we do that once per

 13 year. So, every November, we evaluate, it goes back to

 14 prior calendar year. And, that's a very standard

 15 process we do every year.
- 16 Q. Okay.
- 17 A. (Davis) That's how that would work.
- Q. And, so, either of those two components, the pole cost or the Carrying Charge Rate change, you would notify the attachers for the following January 1st rate that those are -- that the formula will now have different inputs?
- A. (Davis) Well, really, all we have ever noticed customers is what is the final rate itself.

{DT 12-084} {11-14-12}

Q. All right.

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- A. (Davis) And, that there's a schedule that we post as

 part of our license agreements. So, that tariff sheet,

 if you will, or rate schedule will be updated, as we do

 with each -- each customer will have a new sheet that

 shows those prices. And, that's how it would -- it

 would recur each year.
 - Q. And, how often will you recalculate the average number of attachers, given within that band of 2.7 to 3?
- 10 A. (Davis) Yes, we would do that at the same time we do
 11 the cost calculations.
- 12 Q. How are you going to do that?
- A. (Davis) We basically take the assumptions that go
 behind the numbers of attachers, as well as the billed
 third party attachers. And, we just identify total
 number of attaching entities, divided by the number of
 poles. This is just an average number of attachers per
 pole, and that's what the 2.7 represents.
- Q. But does that mean you're going to count the number of attachers on every single pole?
- A. (Davis) Well, who we bill. We, basically, whoever we bill. So, we know, in the same period as the cost of the bare pole, when we're looking back at FERC Form 1 data, we'll look at that same period, and say "and what

- were the average numbers of attachers?" So, we'll say
 "what do we have for billed attachments during that

 period?"
 - Q. And, then, you will factor that in and give them the new end result, the new rate that comes from all of those inputs?
- 7 A. (Davis) That's correct.

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- Q. Does any of that come back before the Commission or is that simply a process that goes between the pole owner and -- between PSNH and the attachers?
- 11 A. (Davis) I think that's an administrative process as
 12 part of our agreements with customers.
- Q. If any of the attachers think that the numbers that you're using are not appropriate, then what would happen?
 - A. (Davis) Well, as we've seen in this case, my understanding is, and I'm not necessarily fully knowledgeable of the, you know, the interpretation of law, but every attacher has the right to file a complaint.
- Q. So, when we talk about a "rebuttable presumption", I'm
 trying to get at who it is that they're making a case
 to. Is it that the attachers make their case to you,
 and that maybe those presumptions don't hold? Or is it

the attachers could make their case to us and that
those presumptions would not apply?

A. (Davis) Well, I would think, and this has been the case, if someone has a question, a customer has a question, we would work with them and try to explain, you know, give as much information as possible, you know, pretty much full disclosure on how we calculate what we -- you know, what goes behind the calculations of the rate.

I believe it would then, ultimately, if it's unresolved, the customers would have the right, and I believe they would file a complaint with the Commission. Again, that's my understanding. But, you know, I don't want to overinterpret the rights that the customers have and their process for doing that.

A. (Kravtin) And, if I could also add, because I have a great deal of experience in the application of this type of rate formula. It does start from the basis of the FCC presumptions. There are certain values that are really widely accepted. And, I think that what you see is, where the utilities, in calculating these formulas, stick very close to the FCC presumptions or numbers very similar, then there is not going to be a substantial dispute. It's where, and this has

1		happened, where utilities come in with a number far
2		outside the range. I think one of the advantages of
3		this Settlement is that it does at least constrain one
4		of the most contentious items, which tends to be the
5		number of attaching entities. And, it does set some
6		boundaries. And, I think that should go a long way
7		toward preventing those sorts of disputes or magnitude
8		of differences. It's very costly to challenge an FCC
9		presumption, particularly if you're the third party
10		attacher. So that I think, as long as the ranges are
11		kept reasonable, then I think the Commission, I think,
12		should be somewhat comforted that the challenges under
13		a formula approach such as this would be mitigated.
14	Q.	I know you have both said "2.7" would be the starting
15		number for 2013, but the Settlement Agreement does
16		actually say that. It says that it should be "no less
17		than 2.7", and that it may go as high as 3, prior to
18		January 1, 2016, but can't go any higher than that.
19		It's a term Commissioner Harrington was asking you
20		this as well. It's one term that isn't set.
21		Everything else is "it's presumed to be X", "it shall
22		be Y", but on this one it says "it can't be any less
23		than 2.7 and it can't be any higher than 3."
24		So, is it a fair interpretation of what

- you've said today that the rate for January '13 shall use 2.7 as the number of attachers?
 - A. (Davis) I would say -- I'd say "yes". That's the number we are using in this calculation for 2013.

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- Q. All right. Ms. Kravtin, any concern about that, being more definitive, that it is 2.7 for 2013?
- (Kravtin) Well, I believe that the rates that are 7 Α. calculated using that presumption, and I don't know 8 9 whether -- if that was identified earlier, the \$10.57 10 rate for a solely-owned pole, and then a \$5.29 rate for 11 a jointly-owned pole, which is simply half the solely-owned pole rate, I believe those rates, which 12 are -- will be, I think, agreed upon as the going in 13 rates, were based on that particular assumption. 14 15 I think, as the footnote indicates, what the 16 opportunities are for third party attachers, in terms 17 of where they could petition for a variation from that. 18 But it's my understanding that the 2.7 value was used 19 to determine the \$10.57 rate and the \$5.29 joint rate.
- 20 A. (Davis) And, I'm saying that is the case.
 - Q. All right. Now, something I hadn't thought of before.

 You just said "\$10.57 rate", and earlier we heard it

 was "\$11.05" was the resulting rate. So, help me

 understand what's going on.

[WITNESS PANEL: Kravtin~Davis]

- A. (Davis) And, that difference is due -- earlier I

 mentioned there was a, excuse me, 2012 Carrying Charge

 Rate of about 35 percent, and, in 2013, that rate -
 that Carrying Charge Rate had gone down to 33 percent.

 So, as a result, the \$11 rate had gone down to the \$10

 rate. So, again, that's the dynamic of the formula.
- Q. So, it appears that, for 2013, the rate will be the lower number, \$10.57?
- 9 A. (Davis) Correct.

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- 10 Q. For a solely owned pole?
- 11 A. (Davis) For a solely owned pole.
- Q. And, because Ms. Kravtin mentioned, there are some poles that PSNH owns jointly, how does that work?
 - A. (Davis) The Net Cost of the Bare Pole is our accounting cost of all the poles on our system. It's the average accounting cost. So, it combines both solely owned poles and jointly-owned poles as part of that average cost. And, the same thing -- well, that's my answer.

 I was --
- 20 Q. Well, you're going to need another answer, because --
- A. (Davis) Well, I was going to jump to the Carrying
 Charge Rate, and I said "well, that's our system
 average cost."
- 24 A. (Kravtin) Yes. And, I could also clarify that, on the

jointly-owned pole, a third party attacher will have a payment that it will be charged by the other owner, to I believe the telephone company.

- Q. And, so, is there any way that this Settlement directs another owner, if it's a jointly-owned pole, directs that party in what they can charge?
- A. (Davis) Well, not directly. I mean, this is really between PSNH and Time Warner. However, it provides guidance, if that's a methodology that other parties would like to adopt, you know, it provides that guidance.
- Q. Is it -- I think I want to make a request that parties submit to the record one additional document. If I'm following this right, we could turn to a FERC Form 1 and identify, you know, Line Number 3, whatever it might be, and say "that's where you see the Net Cost of the Bare Pole". And, "if you turn to Line Number 6, that's where you're going to see the Carrying Charge Rate." I just made that up. But is it as simple as that?
- A. (Davis) I think we submitted, I believe on June 8th,
 2012, the full calculation of the rates for cable
 television and telecom/telecommunications that PSNH had
 been employing. Within that set of information, there

are pages that show the full development of the Net

Cost of the Bare Pole and the source, FERC Form 1,

actual reference lines to the FERC Form 1 data on one

page, and also there is a reference to the carrying

charges and the components of that.

- A. (Kravtin) Yes. And, I would also add, those calculations and references to the FERC Form 1 are also in my testimony, in the rate calculations that I performed as well.
- Q. I guess what I'm wondering, though, is that it be clear for someone who is an attacher, or would-be attacher, that they can see almost a model of where they're going to be looking, because it will change year to year, to be sure they know which lines to be pulling to be able to understand, if they wanted to get into the weeds, to understand the components of the rate.
- A. (Davis) Absolutely. We certainly provide that information. And, as we filed that information, as anyone who asks, we walk them through and show that information. I don't know if that's something we may want to consider posting or at least making available upon request, or maybe by reference with our licensees, and the parties who are attachers, you know, we can basically make that available to them. But it's always

been an open book. If it needs a little more
disclosure, so it's available more readily, absolutely
we can do kind of brainstorm a way to do that and
make it work.

- Q. In the exhibit or the document that you referred us to, and, you're right, it was June 8th, 2012 that it was submitted, does that tell you, I'm sure it does in here, which section or line of FERC Form 1 is the source?
- A. (Davis) The footnotes provide all of those references.

 And, I would also say, with this Settlement

 methodology, it would be fewer pages. So, it would be
 a little easier to follow. There would be a single set

 of references, instead of multiple. Actually, kind of
 to the point of the simplicity of this whole approach.

But all of the footnote references are there, and one can readily go to a publicly available FERC Form 1, to those pages and the lines that are referenced. It says "Page reference" and "line reference", etcetera, and would be able to reconstruct our calculation, with just a little bit of knowledge of, you know, what to look for in the FERC Form 1, following the mechanics of the formula, it's very straightforward.

- Q. And, if we wanted to include any of that in our
 Commission order, if the Settlement is approved, that
 would be the place we would get those particular
 references?
 - A. (Davis) Yes. I just caution that those, I mean, that calculation is for a particular period. So, I would want to -- if you really want a reference to the Unified methodology, I would just want to make sure we provide the equivalent of that for this methodology.

10 CHAIRMAN IGNATIUS: Commissioner Scott,

11 a further question?

12 CMSR. SCOTT: Quickly, hopefully.

13 BY CMSR. SCOTT:

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- Q. Back to the jointly-owned pole issue, just again for clarification. So, if I want to attach to a pole that is jointly-owned, not entirely owned by PSNH, I would pay -- the PSNH payment I would make, the payment to PSNH would be, what, a prorated portion, depending on the percent ownership? Is that --
- 20 A. (Davis) Actually, it's half of the fully owned rate.
- 21 Q. Okay.
- A. (Davis) So, the convention is, you know, 50 percent
 ownership/50 percent of the rate for a jointly-owned
 pole.

Q. Okay. And, using the same formula, just 50 percent?

customers, so they know what the rate is.

A. (Davis) Yes. This formula gives you the fully owned rate, to get us an average rate, you know, obviously our system average costs, and then we take half of that. And, we post those and actually provide those to

CMSR. SCOTT: Okay. Thank you.

WITNESS DAVIS: Yes. You're welcome.

CHAIRMAN IGNATIUS: Thank you. Any

redirect, Ms. Browne?

REDIRECT EXAMINATION

12 BY MS. BROWNE:

- Q. Patricia, is there anything you would like to clarify or do you think everything is clear?
- A. (Kravtin) I think everything has been clarified. I think the only one additional point I might, just to clarify the record, would go to the number of attachers. I think that Mr. Davis did describe the Company's basis. I just might clarify that I would have and express some opposition to that particular methodology. But, again, because the Settlement does describe this range, I think that issue is more or less mooted, some of the disagreement we had about that methodology is taken care of by the range that was

{DT 12-084} {11-14-12}

1 agreed upon.

2 CHAIRMAN IGNATIUS: Thank you. Any

3 redirect, Mr. Hall?

4 MR. HALL: Yes, Commissioner. If you

5 don't mind, just a couple of points to clarify.

6 BY MR. HALL:

- Q. Mr. Davis, one -- we discussed together, if you recall,
 when we developed the Settlement proposal, so to speak,
 that afternoon, there's been reference to a "Rate
- 10 Settlement" discussed here today.
- 11 A. (Davis) Yes.

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- Q. Basically, the Rate Settlement and test year 2008, can you just describe quickly what that "\$1.9 million" figure represents, just to clarify the record?
 - A. (Davis) Sure. In PS -- the Company's proposal for rates, and ultimately rates that were approved by the Commission for settlement, that Settlement being a five-year period, the Company utilized, in its cost of service analysis, test year data, if you will, which is historic costs and revenues. And, so, the 1.9 million is the revenues associated with pole attachment rental
 - fees for the test year. And, again, that's traditional, standard ratemaking. And, so, once those rates are set, those rates remain in effect in

{DT 12-084} {11-14-12}

accordance with the terms of the Settlement Agreement,

- and it is a five-year plan. And, therefore, we have
- aligned this, this set of the collar of the 2.7 to 3 to

- 4 correspond with the Settlement period. After that
- 5 point, PSNH, to the extent it chooses, would
- 6 potentially be able to file for new rates, again, at
- 7 the end of the Settlement period.
- 8 Q. Now, let me take you to the 2.7 number. And, this is a
- 9 little bit of unmaking the sausage that was made to
- 10 come to a settlement, if you recall. When you
- calculate the number of attachers, using your
- methodology, do you come up with a number greater or
- 13 less than 2.7?
- 14 A. (Davis) Slightly less than 2.7.
- 15 Q. Okay.
- 16 A. (Davis) But, again, each year might be different.
- 17 Q. Okay.
- 18 A. (Davis) So, I might have a number that's higher than
- 19 2.7 next year.
- 20 Q. It's possible?
- 21 A. (Davis) It's possible.
- 22 Q. But, for the purposes of 2013, the number that will be
- 23 used is 2.7 in this formula?
- 24 A. (Davis) That's correct.

- Q. Okay. Using, and you can pick a year, would you please let us know, with a ballpark figure, roughly percentagewise, how much more or less using the new formula that's been proposed here in the Settlement, versus the old formulas, how much more or less revenue percentagewise would we be recovering using the new Settlement formula. And, again, you'd need to choose a test year or a year to compare the two rates, whichever is most convenient for you.
- A. (Davis) Well, relative to the \$1.9 million in the test year, and recognizing that I don't know the numbers of attachers that will actually attach during 2013, I have an expectation that it would be roughly around the same revenue level, maybe perhaps 5 percent higher. But, again, I don't have a projection of the numbers of attachments for 2013. So, initially, at this point, my perception is that we'd be right around the same level of revenue.
- 19 Q. But is it safe to say it would not be less?
 - A. (Davis) All else being equal, I believe so, again, relative to seeing actual numbers come in. Given that we know the cost of the bare pole, and we know the Carrying Charge Rate, etcetera. We know what the rates are going to be. In theory, if the cost of a bare pole

1 or the Carrying Charge Rate dropped dramatically, the 2 revenues could be less. But I don't expect that to be 3 the case. 4 Okay. Q. 5 (Davis) I have no reason to believe that would be the 6 case. 7 Q. Okay. That's the issue I wanted to clarify there. 8 And, just generally, in your opinion, does the 9 Settlement formula that we've come up with, would you 10 say that it adequately addresses any concerns that the 11 Company might have about protecting ratepayers from a loss of revenue from pole attachments generally? 12 13 mean, in other words, would you consider this 14 Settlement formula to be a relatively fair and 15 equitable outcome from the ratepayers' perspective? 16 Α. (Davis) I do. 17 MR. HALL: Thank you. No further 18 questions. 19 CHAIRMAN IGNATIUS: Thank you. Let's go 20 off the record for a moment. (Off-the-record discussion ensued.) 21 22 CHAIRMAN IGNATIUS: Okay. Then, let's 23 go back on the record. We just took a quick time off the 24 record just to talk about expectations for closings this

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       afternoon.
                   So, before we move to that, I want to ask just
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       a couple of questions of the parties, to be sure I
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       understand the record. I take it the agreement to mark
       all of the prefiled testimony also included an agreement
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       to allow it to be admitted without putting the witnesses
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       on to authenticate and confirm their testimony and all of
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       that, is that correct? I see several nodding "yes".
                         MR. SPEIDEL: Yes.
                                             Self-authentication.
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                         CHAIRMAN IGNATIUS: So, that being said,
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       is there any objection to striking the identification and
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       admitting the exhibits that Ms. Browne read through as
       full exhibits?
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                         (No verbal response)
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                         CHAIRMAN IGNATIUS: Seeing none, we'll
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       do that.
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                         I also wanted to be certain, Mr. Malone,
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       that Unitil was an intervenor and had actually asked for
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       more time in order to file testimony, but I saw no
       testimony in the file. So, I wanted to make sure I didn't
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       miss anything?
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                         MR. MALONE: No, that's correct, madam
                  They did not file and did not wish to.
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       Chairman.
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                         CHAIRMAN IGNATIUS: All right. There
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       also was a Motion for Confidentiality filed, I don't
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       believe -- filed by Time Warner on August 17th, I don't
      believe we have acted on it yet, although things have
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       remained protected.
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                         MR. ANDERSON:
                                        It was granted.
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                         CHAIRMAN IGNATIUS: Oh, it was.
                                                          Well,
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       there you go.
                      Thank you.
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                         All right. So, then, I think the only
       thing then is closings. Why don't we -- we have all
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       parties in favor of it, except for Unitil. So, we'll
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      begin with you, Mr. Malone, and then go around with the
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       various signatories.
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                         MR. MALONE: We have no comments, madam
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       Chairman.
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                         CHAIRMAN IGNATIUS: All right.
                                                         Then,
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       Ms. Browne.
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                         MS. BROWNE:
                                      Thank you, madam
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       Commissioner, Commissioner Scott, Commissioner Harrington.
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       Time Warner Cable supports the Unified Pole Attachment
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       Rate formula that was agreed to by the parties in this
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       proceeding. The Unified Attachment formula establishes
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       PSNH pole attachment rates at or near rates produced using
       the FCC cable television formula, which is employed by the
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23
       majority of states that have certified to regulate pole
24
       attachment rates, and also a formula that has been upheld
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against challenge in the courts.

The formula that has been agreed to today employs certain FCC presumptions for non-urban areas and establishes a minimum number of attaching entities.

These presumptions and the minimum provide certainty to attaching entities, including broadband service providers seeking to invest in the state.

Time Warner Cable believes that this formula meets the six-factor standard set forth in Puc Rule 1304.06, for the reasons set forth in our initial petition, as well as the testimony submitted in this proceeding by Ms. Kravtin and by Ms. Laine.

Significantly, the formula is consistent with relevant federal and state law. The FCC -- including the FCC's April 2011 order, as well as legislation enacted this year to limit the regulation on VoIP services. We also believe that this Unified Rate formula will have positive effects on investments in broadband in the state.

We thank the Staff especially for taking such an active role in this proceeding and guiding the parties toward settlement. And, we also appreciate the Commission's willingness to accept the late filed settlement to avoid the need for a hearing.

CHAIRMAN IGNATIUS: Thank you. Ms.

Geiger.

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MS. GEIGER: Yes. Thank you. Comcast would echo Time Warner's comments, and would also like to thank the Commission Staff and commend them for their exceptionally fine work in facilitating the Settlement Agreement that's before the Commission. Comcast would respectfully ask that the Commission approve the Settlement Agreement as filed and without modification. Commission Rule Puc 203.20(b) provides that "the Commission shall approve a disposition of any contested case by...settlement...if it determines that the result is just and reasonable and serves the public interests." As Ms. Browne indicated, we believe the Settlement Agreement does serve the public interest, because it produces a Unified Pole Attachment Rate that is just and reasonable.

The Agreement is also consistent with the standards set forth in the governing statute, which is 374:34-a, and is consistent with the Commission rules, the 1300 rules. Among other things, those rules require that, when setting pole attachment rates, the Commission must consider FCC formulae and the rate's potential impact on broadband deployment. And, this Settlement Agreement does both of those things.

The Settlement Agreement is also

competitively neutral and more straightforward and less 1 administratively burdensome than the former bifurcated 2 3 rate structure employed by PSNH. Also, resolving the 4 instant docket without protracted litigation is also in 5 the public interest. 6 For all of those reasons, Comcast would 7 respectfully ask that the Commission approve the Settlement. 8 Thank you. 9 CHAIRMAN IGNATIUS: Thank you. 10 Ms. Mulholland. 11 MS. MULHOLLAND: Yes. Jeremy Katz couldn't be here today, but he sent with me some comments. 12 13 SegTEL is the largest competitive fiber provider in the 14 state. We wish to thank Staff for their diligence in this 15 docket in helping to come up with a Unified Rate. And, we 16 support approval of the Settlement. Thank you. 17 CHAIRMAN IGNATIUS: Thank you. ${\tt Mr.}$ 18 Hall. 19 Thank you, Commissioner MR. HALL: 20 Ignatius, Commissioner Scott, and Commissioner Harrington. 21 PSNH would like to thank the Staff also for their involvement, as well as a drive to push toward a 22 23 settlement in this matter. PSNH fully supports the

Settlement. And, I'd like to say that it's the Company's

1 belief that it is fair and equitable to our ratepayers and 2 will adequately recover revenues associated with pole 3 attachments going forward. It does -- the Settlement, as proposed, will alleviate any further question about what 4 5 our formula rates are going forward for pole attachments, 6 and will alleviate some administrative burden on the 7 Company having come to an agreement on a Unified Rate. With that, I'd like to just thank the 8 9 Commission for entertaining our Settlement proposal and 10 for its generous waiver of your Commission's rules 11 regarding the five-day limitation for submitting 12 settlements. Thank you. 13 CHAIRMAN IGNATIUS: Thank you. 14 Mr. Speidel. 15 MR. SPEIDEL: Thank you, Commissioners. 16 Staff would like to echo the appreciation and thanks that 17 have -- that we've heard from the other Settling Parties 18 regarding your consideration of this late-filed 19 Settlement, and also of your rescheduling of the hearing 20 today. 21 The Staff believes that this Settlement 22 offers a just and reasonable resolution of a business 23 dispute between Time Warner and Public Service that, in

fact, offers a possibility for increased competition in

1 the non-wireless telecommunications field, thanks to a simplified rate structure that offers the potential for 2 3 rate relief. 4 We would like to thank PSNH and all the 5 parties that have participated for their professional work 6 and conduct during this process and during the Settlement 7 negotiations, and for their fast turnaround on proposals floated by the various parties. 8 9 So, the Staff does support the 10 Settlement Agreement. And, we thank the Commission for 11 its consideration. 12 CHAIRMAN IGNATIUS: All right. 13 there's nothing further, then we will take all of this 14 under advisement. It's clear that everyone worked hard to 15 try to get to a reasonable result that works for everyone, 16 and we appreciate those efforts. So, thank you. We will 17 issue an order hopefully soon. 18 (Whereupon the hearing ended at 3:23 19 p.m.) 20 21 22 23