1	BEFORE THE					
2	FLORIDA PUBLIC SERVICE COMMISSION					
3	In the Matter of:	:	DOCKET	NO. 060172-E	EU	
4	PROPOSED RULES GOVERNING PLACEMENT OF NEW ELECTRIC DISTRIBUTION FACILITIES					
5	UNDERGROUND, AND CONVERSION OF EXISTING OVERHEAD DISTRIBUTION FACILITIES TO					
6	UNDERGROUND FACILITIES, TO ADDRESS EFFECTS OF EXTREME WEATHER EVENTS.					
7	EFFECTS OF EXTREM					
8	PROPOSED AMENDMENTS TO RULES DOCKET NO. 060173-EU REGARDING OVERHEAD ELECTRIC				EU	
9	FACILITIES TO ALLOW MORE STRINGENT CONSTRUCTION STANDARDS THAN REQUIRED					
10	BY NATIONAL ELECTRIC SAFETY CODE.					
11			/			
12			THIS TRANSCRI			
13	A CONVENIENCE COPY ONLY AND ARE NOT THE OFFICIAL TRANSCRIPT OF THE HEARING.					
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15	PROCEEDINGS:	RULE DEVE	ELOPMENT WORKS	нор	Many Many	
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21	REPORTED BY:	MARY ALLEN NEEL				
22		Registere	ed Professiona	1 Reporter		
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25				DOCUMENT	NUMBER-DATE	

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(Transcript continued from Volume 1.)

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MR. HARRIS: We've brought in the big guns

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We've got Patti Daniel here to help answer some now.

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questions we're going to have on the next rule in the

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series, which is 25-6.046.

overview of what we're doing here?

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Patti, do you want to go ahead and give an

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MS. DANIEL: I'll be glad to.

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Good afternoon. I'm Patti Daniel on staff

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with the Commission. My background is water and wastewater, but it is with CIAC, so I suppose that's why I was put in charge of giving you the overview of this particular part of the rule. Bob asked to have one formula, and I gave him

one formula, and he didn't like it because it didn't read like it used to. Go figure. So this is my attempt to explain to you why the one formula hopefully is exactly the same type of information, just in a little bit different format. I've got an attachment at the back of the agenda, Attachment 2. It's got two maps and some talking points, and those are the talking points that I'll be using this afternoon.

First of all, let me talk about part A of this This is the line extension. And in the prior diagram. formulas, the line extension was commingled in each of

the individual formulas with some information about the services, the drops or the laterals. And I just took that out and made it, this is what happens with line extensions, and the answer is, CIAC for a new overhead or underground line extension is the total cost of the line extension, and that's what the rule says.

The next talking point there in the attachment is the CIAC for an upgraded overhead or underground line extension is, guess what, the total cost of the line extension plus the cost of the removal of the existing service less salvage. I hope that's exactly how it has always been and will continue in the future.

On the next page of the attachment, new or upgraded overhead and underground service drops or laterals, this is talking about on the diagram B1, the service lateral, and it's also the service drop for the underground.

My understanding is that a standard service lateral is maybe 75 feet. Can I get some indication that that's generally -- does anybody do something really substantially different?

Okay. Good.

My understanding is that for the service lateral, there's no CIAC for a standard overhead service, and that's what the rule says.

The CIAC for a new standard underground service lateral is the cost in excess of the cost of a standard overhead service drop, just the difference.

And again, I'm just talking about a service lateral that's 75 feet or less.

The third talking point, the CIAC for an upgrade to an existing service drop or lateral is the total cost of the upgrade plus the cost of removal of the existing service less salvage. You have to go to that second diagram to see the B1 and the B2, and I just wanted to show you that for the first 75 feet, the cost to the customer would be zero if it's overhead. If it's underground, it's going to be the difference. And then for 75 feet or greater, it's going to be the cost. And I think that's consistent with what you've always done.

For the portion of the new overhead or underground service drop or lateral that exceeds the cost of a standard overhead service drop, the total -- is the total cost of that portion of the service drop or lateral. That is a talking point. It is implied by the rule, but it's not express, so I hope that's your understanding of the intent of the rule. Yes? Okay.

And then just another comment there. As has always been, the CIAC for new connections and upgrades to existing connections shall be reduced by four times

the expected incremental annual revenues. And, of course, if a customer doesn't pay a demand charge, then that part would be zero.

Again, we've just reworked the rule into one formula and made little subparts, (a) through (d). And the intent was to keep things exactly as they were with just one formula, simplifying it so that when Joe Jenkins retires and as Connie and Bob approach or exceed 30 years and the rest of us are left here to work with this rule, we too will be able to know what you are doing in the industry.

With that, I'll take any questions or comments.

MR. BUTLER: This is the time to start commenting on the rule, Larry, generally?

MS. DANIEL: Just part (2).

MR. BUTLER: Just part (2) being -- okay.

MS. DANIEL: .064(2).

MR. BUTLER: Okay. Well, a significant comment we have -- and honestly, when we saw what you proposed for the second time, we were beginning to conclude that you intended to modify the formula, because we had made some comments the first time, and it didn't seem like it had changed in directions that reflected those.

Let me try to explain what is at least one of the fundamental concerns by what -- in our view, what has happened here in collapsing the formulas, the two formulas into one.

When there were two formulas, focusing on the issue of underground versus overhead, it wasn't possible, because the CIAC overhead component was either zero or a positive number. You would always collect at least the differential in cost between the underground and the overhead service.

Under the formula as it's expressed in the staff proposal, the utility can end up collecting less than that if the revenues, the four times revenues, basically if it exceeds the cost of the standard overhead service that would be provided, because what you'll end up having is, the residual will end up offsetting part of the cost of the underground versus overhead differential. And in our minds, that's a fundamental change of the way the rule works and is really inconsistent with what we had understood this was trying to do and kind of the role of the four times revenues offset.

In our mind, you know, utilities have an obligation to provide service, and at the other end of spectrum, where this service is kind of something out of

the ordinary, there is an expectation that the customer will help to pay for that. The four times revenues offset is kind of a rough balancing in between there. The utility has the obligation to provide the service, don't want the customer to get extraordinary service for nothing, and at the other end of the spectrum, don't want the customer to get the service for nothing, so between those two, you come to a middle ground.

That obligation to provide basic service, least-cost service, in our mind, is typically something that is met by providing overhead service. If the customer wants underground, there's no obligation on the utility's part to provide underground service, and the customer ought to pay the full extra cost of that underground service.

The way that the rule proposal works as staff has laid it out, there is a distinct chance that customers will end up paying less than the full underground-over-overhead differential. And there are some other things that we would like to talk about, but that one is probably worth just getting on the table and talking about first, because it's our perhaps most fundamental concern with the formula that shows up as your revised formula in section (2).

MS. DANIEL: Let me see if I understand it.

And let me use this exhibit that's up here on the overhead. You're telling me that previously you had the differential plus the cost of the overhead less the four years of revenue. And at a minimum, you felt like the cost of the overhead less the four years of revenue would be no less than zero, and your concern today is that could go negative? Is that fundamentally what you're telling me?

MR. BUTLER: That's how the math works out.

When you had two formulas, there was a formula for calculating the CIAC overhead, and that took into account the four times revenue. The CIAC for underground was a separate formula, and it was the actual differential between the underground and overhead costs plus any CIAC overhead.

MS. DANIEL: Limited to zero.

MR. BUTLER: Yes. Certainly FPL's application of that, and I believe it has been pretty consistent everywhere, is that that was not something where you would use a negative number for the CIAC overhead, because certainly as you calculated and used the CIAC overhead, that's what you would do. If it turned out that that was a negative number and the customer wanted overhead, you wouldn't credit them with the difference.

MS. DANIEL: I understand.

MR. BUTLER: And so fundamentally, by sort of collapsing this into one formula, that sort of limitation that the CIAC overhead can't be a negative number has effectively disappeared.

MS. DANIEL: So the qualifier would be -- if we wanted to be hardheaded and stick with this rule, we would need to have a qualifier in there that if the four years of revenue exceeded the cost of the underground -- overhead, I'm sorry, then it would never go below zero.

MR. BUTLER: Right. You couldn't more than offset the cost of the basic overhead service; right.

MS. DANIEL: Now, I have no idea if that's how you all have done it in the past, but let me just tell you, when I looked at these formulas -- and the reason I have this diagram set up the way I do with the line extensions and the service laterals separately, I looked at it mathematically, and I saw for the underground, the cost of the underground, and blah-blah about the laterals or drops, minus the cost of the overhead, something about the laterals, plus the cost of the overhead, and I thought, "Well, those two cancel each other out."

MR. BUTLER: If you can have a negative --

MS. DANIEL: And you've got --

MR. BUTLER: If you can have a negative value

for the CIAC overhead, you're right. But I would submit that's why they were stated separately in the first place, is to keep the --

MS. DANIEL: I've never heard that argument.

I'll look to Connie to tell me the answer on that. Is
that something that has been your understanding, that it
couldn't go below zero for the overhead?

MS. KUMMER: To me, it doesn't make any sense that it would ever go below zero, because if your revenues outweighed your costs, there would be no CIAC.

MR. BUTLER: For the overhead, for the overhead, that's right. If they did, you wouldn't collect any. But then if that same customer wants underground service, what we would do --

MS. KUMMER: Then he would pay the underground differential.

MR. BUTLER: I'm sorry?

MS. KUMMER: Then he would simply pay the underground differential.

MR. BUTLER: Right. And the underground differential would be the difference between the underground costs and the overhead costs. But the way the formula works with it having been collapsed, you could have it reduced below that differential, because you've got residual revenues that are now going to

offset part of that underground-versus-overhead differential.

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MS. KUMMER: Would it help then if we put a statement in here somewhere that CIAC will never be less than zero? I mean, that's the only way it makes it work.

MR. BUTLER: It's not the CIAC being less than zero. It would have to be that the differential -- I mean, we actually proposed -- and one of the reasons, frankly, that we kind of thought that you must be intending to change the rule is that in our rule proposal submittal after the first workshop, we had a sentence that was intended to clarify that in no instance would the utility not collect the full underground/overhead cost differential, and staff didn't pick that up in its rule proposal. So that's kind of going the other direction of getting to what you were talking about rather than using two separate formulas.

MR. BREMAN: If I may, could I ask that the utilities quantify the dollar amount that we're talking about, because I need to know -- I think it would be a good idea to know the materiality of what we're talking about.

MS. DANIEL: How often would it happen that the four years of revenue would exceed the cost of the

overhead?

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SPEAKER IN AUDIENCE: Often -- (inaudible).

MS. DANIEL: Often? By a substantial amount?

SPEAKER IN AUDIENCE: (Inaudible.)

MR. BUTLER: I don't think any of us have any statistics, but my sense is that when this rule is being applied for undergrounded facilities, that's often the case. The deal isn't the sort of overhead extension dollars, CIAC dollars. It's the underground-to-overhead differential cost that utilities are seeking to collect, and it could quite often be offset by this sort of residual revenue.

MR. BREMAN: This would include residential customers as well as commercial and -- I mean, I sort of understand it on commercial/industrial installations, but this would be also true on residentials?

MR. BUTLER: I think it could be, yes.

MR. BREMAN: I would be interested in seeing the data.

MS. KUMMER: Yes. I've never run across this situation either, and that's what's puzzling me. That's why it never occurred to me, because I have never seen a situation in which the revenues outweighed the CIAC. And again, in my mind, if the revenues outweigh the CIAC, the CIAC simply is zero. And maybe we can just

add something to that effect. Would that solve this thing?

MR. BUTLER: No, but, Connie, it doesn't. Now you only have one formula for CIAC, and the CIAC in your rule is the only place that a differential between underground and overhead is collected.

See, it used to be with the two formulas, it worked pretty neatly, because at least everybody understood and applied it that CIAC wouldn't be a negative number, and so if your overhead CIAC was less than zero, it sort of defaulted to zero, and then you had purely the formula of underground CIAC was the cost differential. But now, by collapsing the formulas, you, in effect, include the negative impact on the CIAC overhead in calculating how much can be collected as the CIAC underground.

MS. DANIEL: Let me ask you if this would fix it. Tell me if this is still falling short. "For underground extensions, if the four years of revenue exceeds the overhead CIAC, the CIAC will equal the cost of the underground." If that were added to the rule, would that fix the problem? And let me repeat it.

MR. BUTLER: I think what you said, except it has to be the underground-to-overhead differential.

It's not the full cost of the undergrounding, because

1	what you're collecting is the differential between the				
2	undergrounding and the overhead.				
3	MS. KUMMER: For an extension? We're talking				
4	extension.				
5	MR. BUTLER: That's what this rule is. I				
6	mean, that just becomes				
7	MS. KUMMER: So you're just worried about				
8	MR. BUTLER: a word description as a				
9	MS. DANIEL: I see. I see.				
10	MR. BUTLER: limitation that is what was				
11	achieved previously with the second formula. But that's				
12	fine. I mean, if you would prefer to do it that way, we				
13	certainly wouldn't have a problem.				
14	MS. DANIEL: I have it now. I'm doing it				
15	mathematically, and I'm with you now. For underground,				
16	if the revenue, the four years of revenue exceeds the				
17	overhead CIAC, then the CIAC will be the underground				
18	differential.				
19	MR. BUTLER: I don't know if that's				
20	MS. DANIEL: No? Tell me the words.				
21	MR. GRIFFIN: This is Jesse Griffin from				
22	Progress Energy. That's J-e-s-s-e, G-r-i-f-f-i-n.				
23	Your formula would be correct if you replaced				
24	the word "CIAC" with "overhead job cost."				
25	MS. DANIEL: So give me the sentence.				

MR. GRIFFIN: Would you repeat yours, and I'll just put in "overhead job cost" for "CIAC."

MS. DANIEL: Well, let me see if I can do it.
"For underground, if the four years of revenue exceeds
the overhead job cost, then the CIAC will equal the
underground differential."

MR. GRIFFIN: That's correct.

MS. DANIEL: I got it.

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MS. KUMMER: I hate to throw a monkey wrench in this, but I think this is -- that sounds to me exactly what you criticized us for last time, which is losing the cost of the extension. All you're paying is the differential for the extension. You're not capturing the cost of the extension.

MR. BUTLER: No, but what's happening there is, if the -- sort of if the cost of the overhead extension is more than covered by the four times revenue, then --

MS. KUMMER: Okay. All right. I just got the picture. Sorry.

MS. DANIEL: Let me repeat it one more time. And this won't be precisely, but basically, "For underground, if the four years of revenue exceeds the overhead estimated work order job cost, then the CIAC for underground will be the differential between the

1 underground and the overhead." 2 MR. GRIFFIN: That's correct, total job costs 3 of both. MR. BRYANT: I think that -- this is Howard 4 5 Bryant with Tampa Electric. I think that works, as long 6 as the revenue does exceed the overhead cost component. 7 But if it does not exceed it, then I'm not sure that it 8 works. MS. DANIEL: Well, that if/then statement is 9 only if the four years of revenue exceeds the total 10 11 overhead job cost. 12 MR. BRYANT: Okay. Then if I look at your 13 formula and make the assumption that the -- well, if I 14 look at this formula, it appears as if the revenue is being applied to both the overhead and the underground 15 cost, when historically the revenue has only been 16 17 applied to the overhead cost. MS. DANIEL: It's only intended to be applied 18 19 once. 20 MR. BRYANT: Okay. But I'm not convinced that 21 we get there by looking at the formula and then going to paragraph (c), the top of page 9, line 1, (c). I think 22 23 -- well, let me ask you, what is your intention with item (c) there? 24 MR. WRIGHT: Patti, this is Schef. May I? 25

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MS. DANIEL: Sure.

MR. WRIGHT: I just can't resist. Trapp and I did the rule and the EIS for this years ago. May I make a suggestion?

MS. DANIEL: Uh-huh.

MR. WRIGHT: Here's my suggestion. Have it say, "For underground line extensions, the maximum credit shall be the cost of the equivalent overhead installation, including the cost of a standard overhead service drop." That seems to get where they want to get, while preserving the extension piece.

MR. TRAPP: As a co-party to that past effort, I like two formulas now.

MR. WRIGHT: I'm taking no position on the two formula issues, and this is just Schef Wright sharing.

MR. BRYANT: We would like to propose that Bob has seen the light, and we want to go with what Bob is now saying. We think that's a beautiful idea.

MR. STONE: This is Jeff Stone on behalf of Gulf Power Company. It appears to me, given the stated intention as simply simplification and not to change the result of the formula, that perhaps our attentions would be better spent on finishing the hardening aspects of this docket and reserving for a future date whether any modifications to the CIAC rule are needed in order to

accommodate whatever comes out of the hardening aspect.

Perhaps we're trying to do too much at one time.

MS. DANIEL: We've certainly talked about that notion.

Let me get back to the point about part (c), whether the four years of revenue was intended to come out once or twice. It was intended to come out once.

MR. BRYANT: Yes.

CHAIRMAN EDGAR: Anytime you calculate CIAC for a customer, you're only going to remove the four years of revenue once.

MR. BRYANT: Right.

MS. DANIEL: And you're looking at (c), and you have a question about whether that's reflected there.

MR. BRYANT: Well, if I go back to the formula on the previous page, the first item there is the cost of installing the facilities. Now, I'm making an assumption. That would be the overhead cost minus -- I'm sorry, the underground cost minus the overhead cost. That is incorrect. Help us understand that, or me.

MS. DANIEL: Part (a) says, "The cost of all new underground and -- overhead and underground line extensions shall be the total estimated work order job cost."

MR. BRYANT: Yes.

CHAIRMAN EDGAR: What we were trying to do is describe that what is in the box that says, "Cost of installing the facilities," would be the total cost. If it's underground, it will be the total cost of the underground. If it's overhead, it will be the total cost of the overhead, not a difference.

MR. BRYANT: Okay. Is there any interaction between what you have just said and item (c)?

MS. DANIEL: That's for the service. The total cost of installing new underground service -- and perhaps I was not as articulate as I should be. I'm talking about a lateral -- underground, a drop, service drop shall be reduced by the cost of a standard overhead service lateral, that first 75 feet. That's the --

MR. BREMAN: Howard, I don't know if this is going to help you, but that (c) is one sentence that replaces essentially two pages of the URD. It's just the service.

MR. BRYANT: Okay. I'll keep thinking.

MR. BUTLER: Beyond the basic formula, we've got a couple of other comments on section (2). And again, I will reiterate that we're making these -- if you stay with this approach, these are things we have concerns with. Our strong preference would be to go

back to the -- just leave the rule as it is for now rather than trying to --

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MS. DANIEL: Well, I would like to hear other examples of where this rule --

MR. BUTLER: Okay. Let me tell you --

MS. DANIEL: Just for my learning, help me understand where this rule takes you astray from what your current practice is.

MR. BUTLER: Fair enough. The next thing we have a concern over is, in the formula, you have used the terminology "nonfuel energy charge" as opposed to "base energy charge." We have a concern about that, because at least a fair interpretation of that would mean that you would not include the fuel adjustment charge in there, but that other adjustments such as environmental, conservation, perhaps even the capacity charge, storm surcharges, things of that sort would be included in the energy charge. And if that were intended, I think it would be an inappropriate application, because certainly none of those monies would go to defray the sorts of distribution facility costs that we're talking about here. So I think the term "nonfuel energy charge" is probably not the right one to use for that purpose.

MS. DANIEL: Is that what's in the current

1	rule?				
2	MS. KUMMER: Yes.				
3	MS. DANIEL: So you would like a change to the				
4	current rule in that regard?				
5	MR. BUTLER: Yes. We would like it to be base				
6	energy charge.				
7	MS. KUMMER: I don't have a problem with that.				
8	I think that's what we were trying to capture.				
9	MS. DANIEL: Instead of nonfuel, you want				
10	base? Is that it?				
11	MR. BUTLER: Now, in subsection (b), this				
12	seems to be, at least as I've been able to track this, a				
13	change that you are now stipulating that there's not a				
14	charge for the overhead transformer.				
15	MS. DANIEL: E as in egg?				
16	MR. BUTLER: No, B as in boy.				
17	MS. DANIEL: B as in boy. I'm sorry.				
18	Correct.				
19	MS. KUMMER: And that was taken as we were				
20	attempting to paraphrase on the next page the old				
21	formula that talks about excluding transformer service				
22	drops and meters. How is that different than the rule				
23	today?				
24	MR. BUTLER: I'm sorry. It's not different				
25	from today. I'm just why is it included? What is				

1 the logic of including the overhead transformer as part 2 of the cost that would be recovered through the -- I'm 3 sorry, that would not be recovered through the CIAC, kind of the basic service to the customer's house? 4 5 MS. KUMMER: You'll have to talk to Mr. Trapp. 6 He wrote the original rule. We were just trying not to change too much the concepts of the original rule. 7 MR. TRAPP: I think Schef wrote the original 8 rule. 9 10 MS. KUMMER: It always seemed a little strange 11 to me too, but that's what was in the rule, and I assumed you all had agreed to it. Does anybody else 12 13 have an opinion on that? 14 MS. HOLDSTEIN: I'm Nancy Holdstein from 15 Progress Energy, H-o-l-d-s-t-e-i-n. 16 Our understanding of why we exclude the 17 transformer and the service drop and the meter is 18 because those costs are already compensated for elsewhere in rates. The service drop and the meter are 19 20 in the customer charge, and the transformers are 21 generally precapitalized and otherwise captured in 22 rates. 23 MS. KUMMER: Okay. Anything else? 2.4 MR. WRIGHT: I think Tom Raines wrote that 25 part of the rule.

MS. DANIEL: You know what this does? It puts 1 2 something in the rule that we thought you were all 3 already doing. And as I talked to staff to educate 4 myself, it was interesting to see as I went from person 5 to person how they varied in their understanding of what 6 you do. So if nothing else, we've put together 7 something that makes us come closer to making sure that we have consistent application among the utilities. 8 9 MR. THOMPSON: May I? 10 MS. DANIEL: Yes. 11 MR. THOMPSON: Jim Thompson with Gulf Power. 12 MS. DANIEL: Yes, sir. 13 MR. THOMPSON: Two other just quick little 14 comments about -- if we're still in that section (2) of 15 .064. 16 MS. DANIEL: I'm leaving when we get past 17 section (2). 18

MR. THOMPSON: Oh. Then I know we're still in that section. In (a), just as a suggestion, the costs of all the overhead and underground, perhaps the word "facilities" would be better there instead of "line

extensions." It seems --

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MS. DANIEL: I agree.

MR. THOMPSON: In (b), aside from and apart from Mr. Butler's comments, since we're talking there as

clarified above at line 20 about the definitions of costs, perhaps (b) could read "cost for transformer, service drops, et cetera, shall be excluded." And 3 again, that's separate from, and I don't mean to 4 contradict, Mr. Butler's suggestion there. 5 MS. DANIEL: The cost for overhead --6 7 MR. THOMPSON: Cost for transformer, service drop and meter for new standard overhead installations 8 shall be excluded, to continue the theme of costs in 9 those sections. 10 MS. DANIEL: I understand. 11 MR. THOMPSON: Thank you. 12 MS. HOLDSTEIN: This is Nancy Holdstein again. 13 We would also like to add in subparagraph (a) the cost 14 15 of all new or upgraded overhead and underground facilities. 16 MS. DANIEL: Do you see (d) on the next page? 17 Does that take care of it? 18 MS. KUMMER: We broke that out because of the 19 20 salvage component. MS. HOLDSTEIN: 21 Yes. 22 MS. DANIEL: You're good? Okay. MS. HOLDSTEIN: If I might offer some other 23 clarifying comments on some of the issues, both what 24 Mr. Wright said, what FP&L said, and what TECO has said. 25

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The way we are interpreting the math, I think if we clarified, as consistent with your drawing, that the standard overhead service installation equivalent to your standard service lateral equals the transformer, the approximate 75 feet service drop, and the meter, if that were defined perhaps in section (b), to be defined, and then also we're okay with it being excluded, then when you get to section (c), the only thing you're pulling out is what has previously been defined as those three items. And we believe the math works correctly in a combined formula with the exception of adjusting for the revenue -- the overhead CIAC not going negative.

MS. DANIEL: Can I just add the word "75 feet" in front of service drop and that will take care of it on (b)?

MS. HOLDSTEIN: I would like to see standard overhead service installation defined, because it's then used in (c). And if the standard overhead service drop is previously defined as just the transformer, the 75-foot service drop, and the meter, then you're only talking about that small amount and not including the whole line extension coming out when you do the underground calculation. Then we believe the math works.

MS. DANIEL: Okay. Can you give me some

language to that effect in your comments?

MS. HOLDSTEIN: Yes. We plan to provide you some mathematical calculations, a supporting schedule with some examples showing that it does work.

MS. DANIEL: Okay.

MR. TRAPP: There may be a concern with that, and I just raise it for your information as you develop your post-workshop comments. But it occurs to me, there is another rule on the books, and the number escapes me right now, that the 75-foot is derived from. My recollection is that it's a loose derivation. It's not -- in other words, the Commission I don't believe in its rules has precisely defined what a standard service is.

I think what we've said in the rule I'm thinking about is that each utility shall specify a point of delivery. It will be on a close end of the house, more or less 75 feet within the property line, is the way I remember the rule, and that's about the specificity that's there. If we get real specific about what a standard service drop is, I don't think you have any latitude anymore. So I just caution you on that.

MS. DANIEL: Other questions or comments?

MR. BRYANT: One other question. On line 3, this would be (d) on page 9, is there a need to address remaining book value?

1	MS. DANIEL:	Net book value?			
2	MR. BRYANT:	Uh-huh.			
3	MS. DANIEL:	I thought about that. Certainly			
4	when you get to the co	nversion rule, we talk about net			
5	book value.				
6	MR. BRYANT:	If it's over there, yes, that			
7	might do it.				
8	MS. DANIEL:	What do you do now?			
9	MR. BRYANT:	The more I think about it, that			
10	might do it.				
11	MS. DANIEL:	The conversion?			
12	MR. BRYANT:	It is the case when you convert.			
13	This is strictly				
14	MS. DANIEL:	Right. This is an upgrade.			
15	MR. BRYANT:	This is strictly extension.			
16	MS. DANIEL:	Correct.			
17	MR. BRYANT:	I'm with you.			
18	MS. DANIEL:	That is an upgrade.			
19	MR. BRYANT:	Right. But an extension can be			
20	an upgrade.				
21	MS. DANIEL:	Yes.			
22	MR. BRYANT:	Right.			
23	MS. DANIEL:	Okay. So you're good with this?			
24	MR. BRYANT:	I think so.			
25	MS. DANIEL:	Okay.			

MR. BUTLER: I have another question for you, going back to this question of what you're including and excluding from the calculation.

MS. DANIEL: Yes, sir.

MR. BUTLER: If you look at the underground formula that has been deleted, the comparison there is sort of all-in for underground versus all-in for overhead, all the way to the customer's house, basically, and you're comparing the cost of all of those pieces to get your differential.

And it would seem like that the way we've been working toward the definition of what facilities we're talking about in this generic formula, that you're excluding the transformer, service drop, and meter from the costs that are being considered, and I'm not sure how one captures this all-in to all-in comparison that is contemplated in the CIAC underground formula in the current rule consistent with that idea of excluding transformer, service drop, and meter from the calculation when you're looking at the generic CIAC formula.

MS. KUMMER: The underground formula, the old underground formula is not all-inclusive to all-inclusive. It's all-inclusive underground, but the CIAC overhead goes back to the preceding formula, which

excludes --

MR. BUTLER: That's the CIAC overhead. That's if you had an excess of sort of the standard overhead service over the four times revenue as an adder to it. I'm talking about the first box in the formula. The first box in the formula, it's a lot of words there, so I won't read them all, but I think if you do, you'll see it's an all-in versus all-in, and that's what I'm talking about.

As you're working toward this formula, the single formula, which is frankly sort of driven by how the old overhead formula was set up, it seems like that the definition of terms, what you're considering for the actual or estimated job cost part is something that's going to be excluding transformer, service, and meter costs. And if there is a differential in those costs, underground costs more for those components compared to the overhead equivalent for them, it looks like that's getting lost from what the utility would collect.

MS. DANIEL: I would have to think about that, but I've given this a lot of thought, and my brain could not handle all of those variables running around at once, so I put it into a matrix like this, and I thought about what the existing rules said with regard to line extensions very carefully, all of them. And what I got

was, you're winding up with, for purposes of line extensions, the cost of the underground minus the cost of the overhead plus the cost of the overhead for line extensions. That's all I'm referring to. And what that means is, you're getting the cost of the underground for line extensions.

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And then I looked at the portions of the rule that address the transformers, the service drops, and the meters, and I got the cost of the underground drop minus the cost of the overhead drop, which is the differential. And that's what --

MR. BUTLER: Where is that reflected here?

MS. KUMMER: Item (c).

MS. DANIEL: (c), the total cost of installing a new underground service drop shall be reduced by the cost of a standard overhead service lateral, if you will, installation.

MR. BUTLER: But what ends up happening -- and maybe it's a matter of just clarification, but if you look back to (b), which just said that standard installations are excluding the transformer, service drop, and meter, it would --

MS. DANIEL: That's for overhead; correct. For overhead, there's no charge for the transformer, service drop, and meter.

MR. BUTLER: Well, if you end up taking the total cost for the underground, including those components, that would actually be collecting more than what we are currently collecting. And we're not asking to collect the entire cost of the transformers, the service drop, and the meter. We're just saying if there is an increment, if the transformer, service drop, and meter for underground costs more than the transformer, service drop, and meter for overhead, that differential ought to be part of the equation.

And combining (b) and (c), I would read it that either one -- you're looking at both of them excluding the transformer, service drop, and meter, or else it's in there for the underground cost and not in there for the overhead, which would sort of overstate how much the differential would be.

MS. DANIEL: Let me back you up a little bit.

And maybe I need to reword this still a little bit.

Part (a) only goes to line extensions. Part (a) has nothing to do with transformers, services, or meters.

Part (a) only goes to line extensions. If you have an overhead service, then you need to look at part (b) to get your transformer, service drop, and meter. If you have an underground service, you need to look at part (c) to get your transformer, service, and meter. If

you're underground, it's the difference, and if it's overhead, it's zero, if we're talking 75 feet or less.

MR. BUTLER: That certainly -- I mean, I understand mathematically you could do it that way. I don't think that's what (b) and (c) say right now, at least to me.

I mean, (b) seems to -- it ends with "standard overhead installation," and then (c) talks about standard overhead installation. And it seems like that a logical thing to do would be to assume that (c) is talking about what you just described in (b), and (b) excludes the transformer, service drop, and meter. You're saying that the total cost of the underground service would be used, which would be fine, but then you're excluding from it or you're subtracting from it to get the differential this, quote, unquote, standard overhead service, which seems to be excluding the transformer, service, and meter. And it's not --

MS. KUMMER: I see the problem you're having. I think we can work on the wording. I don't think you disagree with what we're trying to say. You're reading this as cumulative, and we're not. That's our basic problem, and that's a wording issue, I think, more than anything else.

MR. BUTLER: I mean, it's possible to handle

it that way. This just seems like it is developing the sort of Ptolemaic model of the solar system. You know, you could end up having it work a lot easier if things rotated around the sun, if you kept the two separate formulas instead of kind of trying to force corrections to it so it all works within one formula. But if you do it the one formula way, then certainly we would like to see clarification on that.

MS. KUMMER: The other thing that we're trying to fix here, John, is that this rule only dealt with line extensions, nothing but line extensions. There was no CIAC formula for upgrades, and that was the question. The wall that we were running into was about the CIAC for upgrades, and we had no rule for upgrades, so that was one of the things we were trying to do in this rule, is move it beyond just simple line extensions to cover other situations.

MS. HOLDSTEIN: I think I can offer a solution that will address the issues. If you put -- it you took out the word "standard" in (b), and backtracking on what Mr. Trapp said, don't pin down a definition as I requested earlier, take out the word "standard" in (b), and then in (c) just take out the cost of -- again strike is the word "standard" and say the cost of an overhead transformer, a standard service lateral, and a

meter, and the math is still going to work right. 1 then you've got the differential. That would provide 2 3 for the differential between a pad-mount transformer and an overhead transformer, and the cost of an underground 4 5 service lateral versus an overhead service lateral, and 6 the meter is a wash. 7 MS. DANIEL: When in (b) you take out the word 8 "standard," then you're saying if that service drop is 9 200 feet, you're good to go with no charge; correct? Do 10 you want to think about that one? 11 MS. HOLDSTEIN: Well, you could take out the 12 standard service drop. 13 MR. GRIFFIN: This is Jesse Griffin. 14 never will be an overhead service drop 200 feet long. It physically won't support itself and will sag. We 15 16 would have supporting poles in it. And the last section 17 of wire that we would consider service would be about 75 18 feet to 80 feet, somewhere in that range. 19 MS. DANIEL: So there's nothing but a 20 standard? Is that what you're telling me? You never, 21 ever do anything other than 75 feet or less? 22 MR. GRIFFIN: It might be 80 or 85 feet. 23 MS. DANIEL: But you would still consider 24 it --

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That would be -- if we have no

MR. GRIFFIN:

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supporting poles between the transformer and the meter, 1 2 that's our standard service drop. MS. KUMMER: And anything beyond that would 3 fall under the line extension? 4 5 MR. GRIFFIN: That's correct. MS. DANIEL: Then we can take out the word 6 "standard." Then there is no (b)(2) then. 7 MR. GRIFFIN: That's right. (b)(2) would only 8 9 be a few feet and really not --MS. DANIEL: It's in my imagination. Okay. 10 Good. 11 As someone commented earlier, this probably is 12 13 not the most important thing you want to spend your 14 afternoon doing. If anybody else has any questions they wanted to give us or any radical changes to the rule 15 other than what we've already heard, I would love to 16 17 hear it. I think we can cover the rest of it in 18 comments. Is that right? 19 MS. KUMMER: As far as section (2). There are 20 some other --21 MS. DANIEL: As far as section (2). MR. BUTLER: I would like to make the 22 23 suggestion that if you decide that you do want to 24 continue pursuing this approach of the combined formula,

somehow or another we ought to have some opportunity for

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dialogue on whatever you come up with as a way to fix the concerns we've been addressing and get that information back to you.

MS. DANIEL: Yes, sir.

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MR. BUTLER: Simply so it doesn't end up getting carried forward as a further area of concern, because it's not central, but obviously, by the same token, it's very important to the utilities and how they calculate their CIAC. And the way things are currently structured to work, we wouldn't really have another formal opportunity to comment on your proposed fix. So I just throw that out for --

MR. TRAPP: John, we are going to agenda June 20th. The staff recommendation will be submitted June 8th. You can take it up at agenda. You've got to fix it today. If it's not fixed today, your next opportunity is agenda.

I think it's important that the Commission understand their CIAC rule. If the staff doesn't understand the CIAC rule and the utilities don't understand the CIAC rule, then we've got a problem. But we are going the agenda June 20th.

MR. BUTLER: That's fine. I just think it would be kind of a shame to have this discussion again in front of the Commissioners for the agenda. That's

what I was hoping we could avoid.

MS. DANIEL: My understanding of the rulemaking process is that as staff writes up the recommendation, it's incumbent on us to really spell out for the Commissioners what all of this means, and hopefully we'll get it right when we write that recommendation, and I look forward to seeing your comments on this part. We'll try to be as true to your comments as we can.

Thank you.

MR. HARRIS: That was section (2). There is a section (1). Let's backtrack a little bit. Are there any comments on section (1), application and scope?

Not hearing much, let's jump on to section

(3). If somebody notices something in (2), we can come back to it. Section (3).

MS. KUMMER: Section (3) starts at the bottom of line 10 after all the strikeouts.

MR. HARRIS: Page 10, line 25.

MS. KUMMER: And I would just clarify, this was in response to a question we had last time about transmission primary and transmission voltage. This was our comment that it applies to any voltage level.

MR. HARRIS: Not hearing anything, section (4). Not hearing anything --

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MR. THOMPSON: I have some stuff on (4).

Let's see. On -- oh, just above (4). I'm sorry.

You're on line 3 of page 11?

MR. HARRIS: Yes.

MR. THOMPSON: Just above that, why would we change to the word "requesting" here instead of "requiring," especially in light of back on page 8, line 8?

MS. KUMMER: I caught it one place and didn't the other. That's the only thing I can think of. The idea of upgrades are usually requested. They're not necessarily required. It's not something the company would go in and say, "You have to do this." A customer can request an upgrade. But I agree they ought to be the same. They ought to be consistent.

MR. BREMAN: Generally a utility when it does its own upgrades does it for its own reasons. Those are required upgrades. We're trying to distinguish that between a solicitation from a customer or an applicant.

MR. THOMPSON: I was just curious about the difference between the two, if there was any difference intended there.

MS. KUMMER: No. Would "requested" work in both places? Or "request," I guess, on page 8. Again, as Jim said, if you're going in and doing it on your

behalf, presumably you wouldn't require a CIAC from the customer if you're doing it for your own purposes.

Okay. Did we get through (4)? This just says that however you estimate your costs, you'll construct here the same way you're required to in .034.

MR. THOMPSON: I do have one small comment on (4). At page 11 at line -- well, starting at line 10, it may be that we could just put a period, or I would suggest we consider putting a period after the word "produce" on line 12 and stopping right there. The next phrase refers to a four-year time frame. That gets a little awkward at times. We're not really dealing with a four-year time frame. As is described on one of the previous pages, we're dealing with a one-year or an annual or one-year revenue projection which is then multiplied by four.

The other reason I suggest stopping that whole paragraph there with the word "produce" is the awkwardness perhaps on line 13 of the phrase "estimated credit to the CIAC." I'm not certain what the credit to the CIAC is.

MS. KUMMER: There was a lot of discussion about this last time, and my thinking is that the costs are the costs. I mean, the customer can't really dispute the costs. You've got invoices. You've got

materials costs that you can point to. The costs are pretty much defined. They're objective. What is subjective in the CIAC calculation is the estimate of the revenues, and that's what I was thinking might possibly be disputed. You say there's only going to be five houses, it turns out there's ten houses, and the first guy -- that was where I was going with this.

MR. THOMPSON: Sure. Thank you, Connie. That refers to the revenue estimate.

MS. KUMMER: Right.

MR. THOMPSON: Then my final question about that paragraph would be -- and I'm told that perhaps this was discussed for the last workshop. If so, I apologize for revisiting it. Line 14, at the customer's request, is that to say that the utility could not in the future readdress whether or not the revenues had materialized?

MS. KUMMER: That's an interesting question.

I think this did come up last time, and I don't think
that we ever really hashed out an answer one way or the
other.

Does anybody else have any thoughts? Bob?

I'm not getting much support up here.

MR. THOMPSON: I was really thinking, Connie, that perhaps on -- and I know this jumps ahead, but I

think they're related. On page 12 at line 14, unable to agree, that doesn't seem to terminate when they pay it up front. That opportunity there could suffice for either party two or three years later.

MS. KUMMER: I hadn't looked at it that way, but I suppose it could be read that way. That was -- I was reading that as being an initial, you hand them a bill, they come to us and say, "That's too much."

MR. BREMAN: What would you suggest? Within 18 days of completing the work order, or what?

MR. THOMPSON: No. Honestly, what I was thinking was back in my earlier offer to consider just putting a period after the word "produce" and let everything else after that be covered by the opportunities available on page 12 at line 14, just the way it's written or proposed.

MR. BUTLER: FPL would support that. One of the things, Connie, that would be good about that addresses something that we were just conferring about over here that's -- one of our concerns about the way that subsection (6) now reads is that it seems like a customer could raise the dispute at sort of any point, including, say, at the very beginning, just say, "Tell you what, Utility. I want you to look at my actual consumption at the end of this time period, you know,

the best year in those five, whatever, and then recalculate the CIAC credit based on what it turns out to be," which would really be an administrative nightmare, because you would have to be tracking that amount and where the customer ends up and all those sorts of things; whereas, in subsection (10), you know, it's pretty much something where a customer will bring a dispute.

And once that happens, then the utility knows it needs to go back and look at the records and see what the actual credit amount would be. And if they're disputing interesting the estimate versus the actual, I suppose you would look at that too. But you have something that's initiated by a customer at the point when the dispute arises, bringing it to the utility's attention, and you start looking into it.

If you don't go that route, we would ask you to please clarify in (6) that this is something triggered by a dispute raised by a customer or a request made by a customer, you know, at the time that they seek to have this calculation made, not as something they could do up front, and then the utility has to keep track of it for the next five years or four years.

MS. KUMMER: You don't think the language on line 14, collecting actual revenues at the end of the

four-year period over which the CIAC was estimated, captures that?

MR. BUTLER: I don't, because it's certainly talking about at the end of the four-year period, but it seems like that the request could be made at any point.

It's not specifically saying that the customer has to wait to the end of that period to make the request.

MR. TRAPP: Well, what's wrong with that? If the customer insists on using actual data, what's wrong with using actual data? That's my question.

MR. BUTLER: Well, it's keeping track of the fact that you need to be waiting until four years from now, you know, make the calculation at that point, remember to make the calculation at that point, and if the customer has moved, try to track them down and find them to do the true-up with them.

MS. KUMMER: No, it says at the customer's request. If the customer doesn't come back and ask for the true-up, there would be no requirement for the utility to do a true-up.

MR. BUTLER: I understand. But what we're reading this as having the potential is that just at the time that the customer pays the CIAC, they make the request then.

MR. TRAPP: For a true-up, for the opportunity

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of a true-up based on actual data, is the way I read it.

MR. BUTLER: And we've got to keep track of that request and then keep track of where any true-up amount would get paid until the end of the four-year period.

MR. TRAPP: What's wrong with that?

MR. BUTLER: It just -- it's an unnecessary administrative burden. What's wrong with the other alternative of having the customer --

MR. TRAPP: So you would rather overcharge the customer on the front end. That makes no sense.

MR. BUTLER: Well, what's wrong with having the customer say, "Look, if you're concerned about this at the end of the time, just come back and" -- what's wrong with having the customer, you know, just have the right, as they do under section (10), to come back at the end and say, "Okay. My four years have gone by. I think I used a lot more power than you estimated, so I want you to make this recalculation"?

I mean, that would work fine. There's nothing that would be inconsistent with (10), the customer doing that. And it's the customer's concern, so it seems fair for the customer to raise it once they've got the actual consumption to base it on.

MS. KUMMER: Okay. So you don't object to the

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concept of the true-up as long as the request comes at the end of the four-year period.

MR. BUTLER: Yes, at the end, at whatever point. If the customer decided, I guess, after two years they kind of like what they've seen and they would like to have the true-up made at that point, they could do it there. But it's triggered by the customer coming in and saying, "Okay. Based on what's now historical data, do my true-up calculation."

MS. KUMMER: Okay. I'll take a look at that.

I understand your concerns and the idea of the fact that

-- or the concept that (10) really covers everything

anyway. Let me look at that a little bit more, because,

frankly, this one I had trouble with. Like Bob said,

it's the concept of the customer getting the pot right.

And how you do that I realize is going to be somewhat

difficult from the administrative end of it, and we

struggled with how to word this.

But by the same token, fairness to the customer, you've got this free rider -- we talk about in the conservation programs the free rider on the process. He pays the \$25,000 to get the line, and next week three more houses come in.

Okay. I hear what you're saying, and we'll take look at that. I think I understand where you're

coming from.

Okay. Paragraph (7), that's truly intended again to be just a restatement of the situation, not a change in the treatment.

MR. BRYANT: Connie, Howard Bryant. Very minor, very minor. The numbering probably got a little out of focus.

MS. KUMMER: It did. It did.

MR. BRYANT: So, you know, when we get the thing ultimately -- when you all get it ultimately cleaned up, you can just kind of fix it a little bit.

MR. BREMAN: The heading is wrong too. I don't know if you noticed it, but it's May, not March.

MS. KUMMER: We were doing this a little quickly the last couple of weeks, so minor niceties in these things kind of fell by the wayside, but we will fix them eventually. I'm surely our lawyers will catch us, if nothing else, next time around.

Okay. Now, paragraph (8). This is the proration. And I have had suggestions, just for your information, from our accounting staff, which may ease some of your concerns. On line 4, rather than calling it an advance, call it a payment, require a payment equal to the full amount. And if you go down to line 7, strike that next phrase, "In the event projected

growth," all the way down through "period," and say,
"the proration and collection for new customers shall
cease at the end of the three-year period." That was
the accountants correcting some of my terminology.

Any comments on this one? And I will give credit or blame, as it may be, to TECO. They suggested -- started us down this road.

MR. BUTLER: The one thing we have as kind of an administrative detail, somewhat similar to what we were just talking about, is this issue of tracking customers.

MS. KUMMER: That's why I shortened it from five to three. I thought three years, the people were more likely to be there, especially in terms again of a subdevelopment where you've got the first guy with the first house pays the whole cost. Three years would not be an unreasonable period to expect somebody to stay in a location.

MR. BUTLER: I think you're right that normally that would be the case. What would you expect to happen in the event that the customer has moved and is no longer contactable at the end of the three years?

MR. TRAPP: Well, I noticed that the co-ops track capital credits for many, many, many years and manage to get that money back to the customer. That's

my observation.

MS. KUMMER: And one would think there would have to be some kind of an agreement up front, and this is what comes in the last line that says, "shall file a tariff outlining its policies." There would have to be some agreement on what the amount was and what the proration would be, and the customer would sign up front. And if he wasn't there to give the money back to, apparently he wasn't real concerned about collecting it. I'm not sure how much of an effort --

MR. BUTLER: Would it be fair to say that the customer would have a responsibility to notify the utility if he or she moved and expected to get the proration credit back?

MS. KUMMER: I think would be reasonable. If somebody owes you money, it behooves you to let them know where you are. That's something that you could look at in your tariff or your contracts in setting up your procedure, but I think that would be reasonable.

MR. BUTLER: Okay.

MS. KUMMER: Anything else in this paragraph? Except for the fact most of you really don't like the rule at all, are we done with this one?

MS. CROSS: This is Lori Cross from Progress Energy. It's L-o-r-i, C-r-o-s-s. And I just had one

more comment to make about this rule.

In our written comments from the last workshop that we provided, we proposed language to gross up and collect from the contributor the federal and state income taxes on the CIAC, and I'm just wondering if staff gave any consideration to that proposal.

MS. KUMMER: I will refer you to Mr. Bill Lowe sitting at the far table.

MR. LOWE: I got drug into this thing yesterday afternoon, so you all bear with me if I'm not really up on all of this.

My name is Bill Lowe, L-o-w-e, and I have a little bit of experience in gross-up of CIAC. We went -- the Commission went through this in the water industry, actually, all industries. It was a generic docket when 18(b) and (c) were repealed by Congress. It was very material in the water and wastewater industry.

To the extent we did gross up contributions in aid of construction in the water and wastewater industry, it was a nightmare. It's an accounting nightmare. You need to look at what the Commission did in those cases and see whether you really want to go through that process, because it was a nightmare for the small water companies.

There were -- in Order No. 23541, Docket No.

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MS. CROSS: I'm sorry. Can you read that again?

MR. LOWE: Let me do it backwards then.

MS. CROSS: Okay.

MR. LOWE: Docket No. 860184-PU, Order No. 23541, issued October 1, 1990. And specifically within that order, pages 11 through 14 is a -- are some provisions called determination of need. And it goes through some stuff like demonstration of actual tax liability, cash flow statement, statement of interest coverage. I think that's probably the one that would affect the electric utilities the most. There was a two times -- let me get the language right. "The utility shall also provide a statement of its times interest earned, TIE ratio. The utility should demonstrate its TIE ratio is no more than 2 percent." I don't think that's going to affect y'all. And if the Commission were to continue with the precedent that was set in this, I don't think that they would allow you to do gross-up of CIAC.

Now, the rest of this thing goes into -- all of this stuff was held subject to refund, and it was reviewed annually. Staff didn't like any of this when it was proposed, and we were so happy when we were

successful in getting 118(b) put back into the Internal Revenue Code, or I think it's 118(c) now, for the water and wastewater industries.

But I thought you all should be aware that the Commission has been through this. At least one Commissioner is going to be very familiar with it, because he sat -- he was through all of this. So you're going to -- that would be an uphill battle to me. It doesn't matter to me, because as Ms. Daniel said earlier, I won't be here when you all do this. Okay? But I needed to let you all know where the Commission had been on this issue.

MS. CROSS: Okay. Well, we'll take a look at that and review it. I guess the reason that we proposed the change, and I guess you guys are familiar with the -- what happens here is that when CIAC is taxable, the burden of the carrying costs on those income taxes is shifted to the general body of ratepayers, and we think that the CIAC contributor should be the one that is accountable for the carrying costs on those income taxes and pays the cost of those income taxes, and that was why we proposed it. We'll take a look at the history here and --

MR. LOWE: In fact, in the order I gave you, the method that y'all proposed doing is discussed.

Okay? 1 MS. CROSS: Okay. 2 MR. LOWE: And the present value method where 3 you're pulling the depreciation stream backwards was 4 looked upon as not providing that to the general body of 5 ratepayers. Okay? 6 MS. CROSS: Okay. 7 MR. LOWE: So you might want to look at --8 MS. CROSS: We'll review that. 9 MR. LOWE: -- that particular order as to what 10 was said there. And in fact, that order also goes that 11 you refund the CIAC back to the person who did it, who 12 you got it from, to keep that from happening also if you 13 totally grossed it up. Okay? 14 There's also an issue in there of tax on tax, 15 because when you --16 17 MS. CROSS: Right. MR. LOWE: -- increase the tax for the CIAC, 18 now you've just created another level of tax on there. 19 So there's a number of problems with it that are all 20 addressed in this issue -- in this order. 21 MS. CROSS: Okay. Thank you. We'll take a 22 23 look at it. MR. HARRIS: Anything else? 24 Okay. Let's go ahead and roll on then to 25

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25-6.078. We'll wrap the last one up and move on to a whole new area. I know that there is some interrelationship between .078 and .115. Again, we're going to try to keep them separate and go section by section through each of them, but if you have to refer from one to the other, you can do it, but try not to, if you can.

I guess we're going to take a short break for the court reporter, just a couple of moments.

(Off the record briefly.)

MR. HARRIS: All right. We're ready to get going again. 25-6.078, Schedule of Charges, section by section, section (1).

Section (2). This is a new section, I see, underlined.

Subsection (3)?

Subsection (4)?

MR. SPOOR: This is Mike Spoor with FPL. We do have some comments, but John had to step out for one moment. I don't know if somebody else has some comments, but maybe we can start that way and work this way. Thanks.

MS. CROSS: Lori Cross, Progress Energy. On subsection (4), where you start out and say, "Differences in operating and maintenance costs," when

you go on -- I know it's the next rule, but when you go on the next rule, 6.115, where you talk about differences in operating and maintenance costs there, you say the net present value, differences in the net present value of operating and maintenance costs. And we felt like that was a better, a more correct way to say it, and that it should be consistent. The language between the two rules should be consistent, so we would suggest that change.

MR. TRAPP: Where would you put the change?

MS. CROSS: It is section (4), first sentence.

It starts out and says, "Differences in operating and maintenance costs, including average historical storm restoration costs." We are just suggesting that it should say, "Differences in the net present value of operating and maintenance costs." And I believe that language is consistent with the way you discuss it.

MR. TRAPP: So it would read, "Differences in net present value of operating" --

MS. CROSS: In the net present value of operating and maintenance costs, yes.

MR. TRAPP: That term, net present value, implies a time frame; right?

MS. CROSS: Yes.

MR. TRAPP: Okay. I've got a historical

period over which I'm calculating restoration costs, and you're present valuing that period to apply to the O&M differential.

MS. CROSS: (Nodding head affirmatively.)

MR. TRAPP: Okay. I think I understand.

MR. HARRIS: Anything else from TECO on that?

No. I'm sorry. She's Progress. My mistake.

All right.

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MR. GROSS: Larry, Michael Gross from FCTA.

I'm going to inject something that's probably going to
be controversial here, but --

MR. HARRIS: Yea.

MR. GROSS: Since this Commission is asserting jurisdiction that's impacting third-party attachers both in -- well, in this section, I guess we're talking about new installation of underground facilities in new subdivisions.

There are provisions for cost recovery to the utility, but there's no provision for any cost recovery to the third-party attachers, who are also going to incur an increased expense. And we're proposing that there be some language added, and we'll try to draft up some language, that would require the applicant to also reimburse the third-party attachers for the increased cost of undergrounding their plant.

MR. TRAPP: I'm not sure I'm following that.

This rule, as I understand it, has to do with brand new undeveloped subdivisions where totally new facilities are going in. What cost impact is there to third parties of the developer requesting underground service?

MR. GROSS: Well, to the third-party attachers, there may be an increased cost in going underground as opposed to overhead in a new community.

MR. TRAPP: But that's a developer's choice, not a utility's choice.

MS. KUMMER: That would be between the cable folks and the developer. It wouldn't involve the PSC at all.

MR. TRAPP: And furthermore, I don't understand what jurisdiction you think that we're asserting with respect to cost recovery clauses for the cable industry.

MR. GROSS: Well, you're taking actions that impact third-party attachers and increase their costs, but there's no provision for cost recovery.

MS. KUMMER: Again, it would go -- if a developer comes to you and says, "I want underground service," you would quote him a price, and he would pay it. We wouldn't be in the middle of it. It would be your contract with the developer for providing service

1 to his subdivision. Your cost recovery is from the 2 developer. 3 MR. BREMAN: Just a small point of 4 clarification. We're making very minor changes to an 5 existing rule, so this is not really any new policy. 6 MR. GROSS: All right. MR. HARRIS: Michael, we welcome these 8 comments. Propose your language, and we'll take a look 9 at it. 10 MR. GROSS: Well, I'll revisit this with my 11 people. I just got some comments from them on very 12 short notice. 13 MR. HARRIS: Right, right. And we appreciate 14 you bringing it up. 15 MR. GROSS: I'll get back with them and see 16 what the practical situation is in a new subdivision and 17 what their actual experience is. 18 MR. HARRIS: But we appreciate you bringing it 19 up, and we encourage you to get with your clients and 20 propose what you want to propose. And we will look at 21 it. You know, that's the purpose of this workshop. 22 MR. GROSS: I mean, it may be that what 23 they're talking about applies more to the next section, 24 which is the conversion from overhead to underground,

because their plant is going to have to be moved.

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(4)?

Anyway, thank you.

MR. HARRIS: Subsection --

MR. BUTLER: Larry?

MR. HARRIS: Yes, John.

MR. BUTLER: I'm sorry. Are we on subsection

MR. HARRIS: We're on -- I see that you're back, and we're on whatever subsection you need us to be on, up to and including (4).

MR. BUTLER: (4) is where I had the comments. Thanks.

A couple of things here on it. We are concerned about a mandatory provision for including the operating and maintenance cost differential in determining the CIAC, both here and in Rule .115, so I just raise it here since we've gotten there first.

Our concern is that we don't see any meaningful way to put the comparison on equal footing without doing it over sort of a life cycle cost basis. There are differences in timing. There are some accounting differences. There are costs that are pretty similar in nature that end up being capitalized with respect to underground that are expensed with respect to the overhead facilities. You know, to get all of that to come out in the wash, the only way we can see that

that properly would be done is over a sort of total life cycle approach.

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But even if one can do that, what we see there as a real concern is over the need to project what those costs, or particularly the cost differential is going to be. And one good example of what we're talking about is that the company embarked some number of years ago on a program of direct burial of underground cable, and it has proven to have more O&M expenses from the accounting perspective, but operating and maintenance costs associated with them than FPL had anticipated would be the case, and I don't think FPL is unique in that situation.

If we had looked at that at the time this was first starting to occur, it would have looked like there was quite a substantial offset, because the -- there was no expectation for there to be extra maintenance. The cost of installing the underground with the direct burial technique was pretty low, and it would have made it look like that the life cycle cost for underground facilities was closer to what it would be for overhead facilities than has turned out to be the case. That's use one example of what we're talking about here.

But at least over a period of time, without collecting data specifically for this purpose, we're

pretty concerned that we won't get the pot right on what the overhead versus underground operating and maintenance cost differential will be, since it kind of has to be on a projected out through the life cycle basis to put them on equal footing.

In contrast, we do support -- we recognize there are some uncertainties, but we all have to deal with that going forward -- that the historical storm restoration costs is something that it makes sense to take into consideration. In fact, that's basically what justifies the 25 percent adjustment factor that FPL has proposed as part of the storm security, and it's part of our .115 proposal, because you can look at some historical information usefully and gather some sense of what the appropriate differential should be for those storm restoration costs. So that's kind of one of the two main comments.

The other one that we have deals with the provision for record keeping and accounting measures, and particularly the record keeping portion of this.

It's a good idea, and obviously, as I was saying, one of the things that needs to happen is gathering additional information to be able to confirm what the differentials are.

But we have a concern that record keeping not

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sufficient before υĘ wording defining that Do you feel the defending from you least precludes at TRAPP: Or keeping, subsection (4) MR. record

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Commission?

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MR. BUTLER: No. I think that if you understand that that's what we think may be the best way of doing it and we can defend that as making sense to the Commission, then you're right. It certainly doesn't preclude us in the existing wording from doing that.

MR. TRAPP: So do you have any specific word changes to the new language that we've added, or is it just a matter of getting a good grasp on the interpretation we're putting on it?

MR. BUTLER: On that point, on the record keeping, I think we can probably live with just a common understanding of what the words you've got mean. We do have an objection to having the mandatory requirement for taking differences in operating and maintenance costs into account, which actually would be a wording issue, because there I don't think we -- I'm not sure how we could work around what the words say, given the concern that we have.

MR. TRAPP: And that's again the difference between the "may" and the "shall"?

MR. BREMAN: Just to reiterate a comment that I think was said at the last workshop, I don't think staff would expect you to keep a greater detail than the number of management regions. If you have more detail

than by management region, I would be surprised. But I don't think we're looking for any greater granularity than by management region. And in some cases, I don't know that you would have it by management region. I don't know if that helps you or not.

MR. BUTLER: Okay.

MS. KUMMER: I would like to go back to something you talked about earlier in the first sentence. I understood you to say that you have, or you feel fairly comfortable using historical storm data to estimate storm restoration costs. Are you saying you don't have any overhead and underground O&M expenses separated that you could do on a historical basis? I know you've been installing underground for a very long time.

MR. BUTLER: I don't think that we have something that we would consider appropriate. I mean, this is something, if you're looking at it, what you ought to be looking at is what would a new -- how would a new overhead system perform versus how would a new underground system perform, and what's the O&M or the operating and maintenance cost differential between those two.

Yes, I think that's something where we would have to say we don't because of the fact that it needs

to be on the life cycle basis, which means you're

necessarily projecting, which means you're needing to

make some assumptions, some pretty heroic assumptions

about how the two new systems are going to perform over

their life cycles.

MS. KUMMER: And you aren't comfortable using

historical data to do that?

MR. BUTLER: I mean, if we have to do it,

MR. BUTLER: I mean, if we have to do it, that's what we'll have to do. But because the purpose of this is comparing sort of the new systems, we've got some concerns that that historical information isn't going to be very representative for its purposes.

MR. SPOOR: This is Mike Spoor with FPL.

Again, I guess the bottom line there, Connie, is that
with the storm cost, it is historical. And as we read
this, kind of the cost that would be applied in terms of
how much we would have to spend to maintain either an
overhead or underground system moving forward, there's
certainly a lot of uncertainty there. But from a
historical perspective, that's certainly, if doing it
today, where we would have to start.

MR. HARRIS: Are we ready to move on to section (5)?

MR. WRIGHT: Larry?

MR. HARRIS: Schef.

MR. WRIGHT: Just on (4), one, my clients,
Palm Beach and Jupiter Island, agree that a life cycle
cost is the appropriate way to look at these things.

Two, regarding the average historical storm restoration costs, it would be my thought that it would be -- using historical storm restoration costs to project future storm restoration costs with escalation and then present valued back, I mean, I wonder if that's consistent with what FPL and anybody else who has thought about this is considering.

I would just say, with regard -- naturally, as you know, we support the inclusion of consideration of storm restoration costs in calculating the CIAC for many of the same reasons you do. When it says including average historical storm restoration costs, I would just offer that it would be my thought that you would use average historical costs to estimate future costs with escalation and then present value them back in the computation of the CIAC. And I just posed the question, is that consistent with what others are thinking or not. You know, if you're going to factor in the possibility of a storm four years from now, using something that happened in 1992 is not going to be a -- if you just use the number, it's not going to be a good number. That's what I'm getting at.

I'm not sure that this addresses your question directly or not, but I think the notion of storm restoration costs based on the historical data that we have is something that probably needs to be kept somewhat flexible so that you can take into account what your expectations about future storm experience, what your expectations about costs of restoration in future periods, those sorts of things into account.

And the wording here may be a little bit narrower than it ought to be if it is intended to be sort of a rigid, take a certain number of years of history, total up the storm costs incurred in those years, and divide it by the number of years type of thing. We were thinking of this as more based upon historical storm experience rather than being just a mathematical exercise.

MR. WRIGHT: Larry, if I could just talk to John. When you say that, you mean consider historical experience to make some projection of costs and then work that back into the calculation, conceptually anyway?

MR. BUTLER: Yes.

MR. WRIGHT: Okay. We're pretty close, in any event, maybe even closer than that. Thanks.

1 MR. HARRIS: Anything else on section (4)? 2 Anyone else on section (5) then? 3 MR. WRIGHT: Larry, I apologize. I have one 4 brief comment on (5) that was actually addressed by my 5 clients in a proposed new rule section. It says record 6 keeping and accounting measures to identify O&M costs. 7 And maybe this isn't the right place for this, but I'll 8 mention it here anyway, and then I won't mention it 9 again, and that is, we think that there ought to be 10 record keeping to allow for comparison of reliability of 11 overhead and underground. And I think we had addressed 12 that in our proposed 25-6.117 or something like that, 13 and maybe here, maybe not. We'll address it in our 14 post-workshop next round of comments as well as we did 15 this time. 16 MS. KUMMER: Schef, I remember your comments, 17 and I was thinking that might fit better in the 18 reliability rules. 19 MR. WRIGHT: .034? 20 MS. KUMMER: If that's the number. I don't 21 know, but --22 MR. WRIGHT: Standard of construction, that 23 one, or --2.4 MS. KUMMER: Where they did the reliability

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reports.

1	MS. MOORE: .044.
2	MS. KUMMER: They maintain records so they car
3	track reliability by type of
4	MR. WRIGHT: Thanks. I'll
5	MS. KUMMER: That's where I thought it might
6	fit better.
7	MR. WRIGHT: Thanks for the suggestion. We'll
8	look at it closely.
9	MR. TRAPP: Well, not to get your hopes up or
10	anything, but I'm not sure where we are with that
11	particular rule. Maybe Chris can enlighten us about
12	we've had workshops and stuff like that on that already,
13	and I just wondered how
14	MS. MOORE: A recommendation is due to be
15	filed next week, and it's going to be on the June 6th
16	agenda, I think.
17	MR. TRAPP: So it's a little bit late to be
18	introducing new concepts to that particular rulemaking.
19	MR. WRIGHT: Well, arguably, it may with
20	regard to that rule section, but we certainly have put
21	that matter at issue in our previous comments.
22	MR. TRAPP: I understand. That's why I'm
23	saying rather than divorce it out of here
24	MR. WRIGHT: Okay.

MR. TRAPP: I think Connie was offering that

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1 as an alternative to including it here, but I think if 2 you do that, we're getting in another time crunch, so it 3 might be best to keep the subject matter in these dockets and --4 5 MS. KUMMER: But it doesn't fit very well. 6 MR. TRAPP: I'm sorry, Connie? 7 MS. KUMMER: It doesn't fit very well. 8 MR. TRAPP: Well, I know it doesn't fit very well, but --9 10 MS. KUMMER: Okay. We'll look at it. 11 MR. WRIGHT: Well, you know where we're coming 12 You'll see what you see next Thursday in our I'll look at .044 and maybe couch it in the 13 comments. 14 alternative or something like that. 15 MR. TRAPP: Fine. But let me just see if I 16 understand what you're saying. In addition to just the 17 straight rate operation and maintenance costs associated 18 with storm-related activities, you're asking -- this 19 goes to the reliability performance measurement type of 20 concept --MR. WRIGHT: Yes, that's right. 21 22 MR. TRAPP: -- in the rule, and then it's also 23 a topic, I think, of discussion by the Commission in 24 another docket which has to do with the utilities' plans

on an ongoing basis, if I recall.

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MR. WRIGHT: That's essentially correct, Bob. 1 And I don't care where it gets into the rules. 2 Naturally, I would like to see it in the rules in the 3 best possible place for everybody's sake, and I don't 4 care if it's in 25-6.117 or .044 or somewhere else. 5 I'll try to find the best place for it and offer that in 6 our comments next Thursday. 7 MR. TRAPP: Okay. But again, in a rule 8 context, you're introducing it as rule language here as 9 opposed to the potential for order language in the 10 approval of the utilities' plans coming on June 1st. 11 You have a weight -- you know, either you feel as 12 comfortable with order language as you do with 13 rulemaking language, or how do we juggle the two 14 dockets? 15 MR. WRIGHT: I will give that close 16 consideration as well. 17 MR. TRAPP: Thank you. 18 MR. WRIGHT: Thank you. 19 MR. BUTLER: Larry, excuse me. 20 MR. HARRIS: John. 21 MR. BUTLER: I have -- I probably should have 22 raised it at the beginning of .078, but this is really 23 kind of a question to staff about the change to section 24

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(4).

Whatever you end up doing, if you do something either or both of these pieces about, you know, requiring differences in operating and maintenance and storm restoration costs to be included, the impact of that over time is going to be that utilities collect less CIAC, and rate base will end up being larger than it otherwise would be, because you've got some sort of offset to the -- a larger offset than you would now have to the CIAC, and therefore not as much that's credited against what otherwise would go into rate base. So ultimately, you've got the general body of customers who are going to have this somewhat larger rate base than they would have without this sort of mandatory provision.

And in the case of the conversions, the next rule we're going to be talking about, what I think I understand is that kind of staff's motivation there is really wanting to provide some sort of mechanism to help encourage, or facilitate, or whatever you want to call it, conversions to move the system toward underground from its current overhead status.

This rule is directed at customers who are almost certainly going to end up being served by underground anyway. It's new subdivisions. I think it's almost unheard of in Florida at this point for the

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new subdivisions to be built with overhead service in them. And so from the standpoint of kind of bang for the buck, you know, are you getting extra underground system that you wouldn't otherwise be having in the utility's service area, this probably doesn't do very much.

And I would just be interested to know what staff's views are as to why it is appropriate to be, in essence, diminishing the contributions from the developers of these subdivisions and therefore increasing the rate base that the rest of customers will end up paying for over time, in view of the fact that probably the great majority of these people would end up with underground service anyway.

MR. TRAPP: John, I would like to respond to that first by saying I don't agree with any of your premise.

MR. BUTLER: Okay.

MR. TRAPP: I think we start off with the standard of construction rule that puts the responsibility on the utility to determine what areas should be hardened within their system. We've asked you to look at flooding issues with respect to undergrounding, which I assume will increase underground costs. We've asked you to look at hardening of wind

speed, which primarily affects overhead, which is probably going to increase some overhead costs. What the net effect of that is on underground/overhead differentials, I don't know.

themselves, they're based on the principle that the customer should pay the cost difference between overhead and underground. It's an inherent overhead standard rule. I don't think we've changed that. I think we've told you to do -- asked you to do what's prudent with respect to hardening in both underground and overhead, but I don't think we've changed any of the basic premise of overhead standard, pay for underground differential.

So all the underground rules do is try to capture the true cost differential experienced by ratepayers, and that includes capital costs and O&M costs. And we're saying now that in addition to your O&M costs, we want you to factor in the effects of the standards of construction impacts on hardening to those costs that are borne by ratepayers. I don't know if they're going up. I don't know if they're going down. It's a matter of equity.

So again, I don't agree with your premise.

That was the intent from our perspective, was to capture all the direct costs, all the costs that are borne by

ratepayers in the cost differentials for both new facilities and extension facilities.

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MR. BUTLER: It sounds like we're talking about different sections. What I took most of your comments to be going to is subsection (2), where you would be looking at this estimated average cost differential and the impact on that of the requirements from .034. And I agree. It could end up going up or down, depending on the area and what the impacts on the cost of construction for overhead and underground. My comment was really directed at subsection (4), where you've changed it from permissive, you know, may include the cost differentials for O&M to shall include those, and --

MR. TRAPP: My comments addressed (4).

MR. BUTLER: I'm sorry?

MR. TRAPP: My comments addressed (2) and (4). I believe both sections impact the cost differential between overhead and underground, given the new regime of a little more attention to hardening of both the underground and overhead facilities.

You know, I believe staff is saying by using the word "shall" in section (4) that there are differences in cost that are affecting O&M costs, and storm restoration cost impacts on overhead and

underground facilities, and we want the utilities to capture those cost differentials. That's not a new message. That is a message we've been trying to state for years. The utilities have not been able to come up with any cost differential data. I'm not aware of what level of attempt there has been.

My interest in the word "shall" is that it puts a little more fire under the pot to ensure that these cost differentials are appropriately studied by the industry. My personal opinion is there has been not enough attention to it by the industry. It's easy enough to collect a CIAC cost differential without doing the extra homework to understand what the impact is on the State of Florida of overhead and undergrounding. And we're charged in this docket to determine whether it's preferential in some instances or all instances to install facilities underground. I challenge you to come up with the data, and I use the word "shall." That's my position.

MR. BREMAN: Mr. Butler, too, you mentioned that the staff was setting up a program that would cause a general increase in rate base over time. It gives the impression that FPL already has the analysis and knows the results, but I haven't seen them filed in this docket. That's point number one. And point number two,

I think FPL's 25 percent investment program does definitely increase base rates, or rate base at a minimum.

MR. BUTLER: Well, you're right, Jim. It would have that effect. And that's a pretty good point of comparison, because that's frankly why we were bringing it up with respect to here. See, our view is that conversion is where there is the opportunity to have the impact, and it's where we wanted to target the program. What we see is different here. This isn't about conversions. This is about new subdivisions.

And our view is -- and obviously, from what Bob is saying, it's not staff's, but our view is that this is -- at least part of what motivates these changes should be a question of providing incentives, you know, facilitating an increase in the percentage of underground service in a utility's service territory.

We see giving incentives, creating opportunities in .115 as having a lot of opportunity to do that. We don't see there being much impact through .078, just because it really is kind of directed at the stuff that -- you know, where the undergrounding is going to happen anyway.

MR. TRAPP: Show me the numbers.

MR. BUTLER: Okay.

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1 MR. HARRIS: That was section (5)? 2 MR. TRAPP: That was (4). 3 MR. HARRIS: I was being a little hopeful. 4 we have anything else on (4) then? 5 Then if we're done with (4), anything for (5)? 6 (6)? 7 MS. CROSS: This is Lori Cross, Progress 8 Energy. We have a question on (6). We know that the 9 language here didn't change, but we just don't 10 understand why there's no CIAC charge for undergrounding 11 for multiple occupancy buildings. Could you -- could 12 someone help us understand that? 13 MR. TRAPP: Probably not, but -- this one 14 dates back to the '70s, '78 maybe, at the latest. And 15 my recollection, having to admit to being around then, 16 is that the economies were such that the density -- I 17 mean, there was no cost differential at that time. 18 Maybe that needs to be revisited if cost relationships 19 have changed. 20 So again, if you have evidence to the 21 contrary, show it to us, and we may need to modify the 22 rule. But we didn't change it because we were not aware 23 of any change in circumstances with respect to the 24 densities associated with the -- excuse me, the

economies associated with the densities of high, multi-

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1	type stuff.
2	MS. CROSS: Okay. We'll take a
3	MR. TRAPP: That's my recollection, at least,
4	now. Probably
5	MS. CROSS: We'll take a look at it. Thank
6	you.
7	MR. TRAPP: Probably call Joe Jenkins.
8	MS. CROSS: I'm sorry. What?
9	MR. TRAPP: Call Joe Jenkins. He remembers
10	probably better than I do.
11	MS. CROSS: Okay. Thank you.
12	MR. BREMAN: You've got about two and a half
13	weeks. He's leaving.
14	MR. HARRIS: (7), section (7)?
15	Section (8)?
16	Section (9)?
17	And section (10). There is one addition. I
18	think there are two additions in section (10).
19	All right. Are there any comments for
20	25-6.078 then before we move on to .115?
21	All right. We've move on to the next rule,
22	25-6.115. We'll start with section (1).
23	Section (2)?
24	Section (3).
25	MR. WRIGHT: Larry, this is Schef. I just

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have a question as to your thoughts about question (3). It seems -- section (3), not question (3). Sorry.

Particularly with regard to (c), it seems that it has to contemplate a life cycle cost type of consideration of all differences in all costs as they will ultimately be borne by ratepayers.

My sense is that that is consistent with what Bob was saying a few minutes ago. I would just ask if that's the case.

MR. TRAPP: Section (3)?

MR. WRIGHT: (3)(c), Bob.

MR. TRAPP: "Such agreement is not expected to cause the general body of ratepayers to incur costs in excess of the costs the utility would incur for the installation." Your question was, that's calculated over a life cycle basis? And I guess my response is I don't know. It may be.

MS. KUMMER: That change was my attempt to address -- someone pointed to the word "greater." The current rule says to incur greater costs. Somebody said, "What do you mean by greater?" And I was trying to clarify that. I'm not -- quite honestly, the idea of life cycle or nonlife cycle didn't enter into my through process at the time. I'm not saying it shouldn't, but I --

MR. WRIGHT: Okay. I'm mixing concepts. 1 2 MR. TRAPP: Whatever it means now it means 3 after the change; is that right? MR. BREMAN: Schef, this is Jim Breman. 4 5 paragraph is talking about the agreement between the 6 utility and the customer, and it's not intended to bind these two to a particular methodology or tool. It says 7 whatever you all agreed to is fine and dandy as long as 8 9 you all can show or the utility can show that it doesn't 10 cause excess costs to be incurred by the general body of 11 ratepayers. So it allows you guys to negotiate it. allows the applicant to negotiate with the utility. 12 It's not prescriptive. 13 MR. WRIGHT: I understand that. But it seems 14 15 to me that it implicates whatever credit we are going to 16 get back, which would have to be, I think, calculated 17 consistent with the CIAC provisions. If we do the work, 18 we're still supposed to get a credit based on the cost 19 of the overhead facilities. 20 MR. TRAPP: I don't know what degree, though, 21 that you're trying to introduce the concept of 22 externalities to this, because --23 MR. WRIGHT: At this point, Bob, I am not. 24 MR. TRAPP: Okay. MR. WRIGHT: That's a separate issue that I 25

1 will address elsewhere, but not here. MR. TRAPP: But therein to me lies the real 2 3 complication. I mean --4 MS. KUMMER: Schef, I remember your comments, 5 and I was a little puzzled, because there's -- in my 6 mind, and the utilities can correct me if I'm wrong, the 7 credits that a customer is allowed for doing their own work is credit against the total bill. It is not a 8 9 payment in money to the customer, and that's what the 10 language seemed to imply. 11 MR. WRIGHT: Oh, well, if we do the work, it 12 is a payment to us. We pay the contractor, and FPL 13 gives us -- in the case of my two clients, both of whom 14 are served by FPL, if we hire Mastech or Asplundh or 15 somebody else, Pike, to do the work, we pay them. 16 MR. TRAPP: But you take a credit associated 17 with --18 MR. WRIGHT: And then we a credit back from 19 FPL based on the cost of overhead. 20 MR. TRAPP: Based on their cost, though, is my 21 understanding of how that works. 22 MR. WRIGHT: That's correct. 23 MR. TRAPP: And if that's correct, I really 24 don't think I have a problem with this concept. 25 only if we're trying to introduce externality economics

into this equation that I think the section becomes more complicated.

MR. WRIGHT: In this section, in this

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MR. WRIGHT: In this section, in this calculation, I am not trying to introduce that. I just want to make sure we get full credit for the same O&M costs that would -- the same O&M differential costs and storm restoration costs that would otherwise be factored in.

MR. TRAPP: Based on the costs that the company would experience and normally pass on to their --

MR. WRIGHT: Exactly.

MR. TRAPP: Well, actually, they wouldn't pass them on to their ratepayers, because they're collected through a CIAC from you.

MR. WRIGHT: Well, what I'm saying is we should get a credit that incorporates future avoided O&M costs and future avoided storm restoration costs, and I just want to make sure that we're on board with that.

MS. KUMMER: I don't think that's what this section --

MR. TRAPP: I'm not sure I'm there. I've got to see the math of that. There again lies, I believe, the entry point into the discussion about externalities as it pertains to what I thought was a simple equation.

You can either have the company do the undergrounding, or you can have the applicant do the undergrounding, in which case the company wouldn't basically charge the applicant for the undergrounding because they've paid for it anyway.

MS. KUMMER: That was my thought, that that's the way it would work.

MR. TRAPP: And that's just straight cost -MR. WRIGHT: That's all true, but I believe
we're still supposed to get a credit based on the cost
the utility avoids. They don't build the overhead. We
get a credit for the otherwise applicable equivalent
overhead. And what I'm saying is I think we should also
get a credit for O&M costs if we believe -- and at least
FPL and we appear to agree that storm restoration costs
are likely to be significantly less.

MR. TRAPP: I don't think that plays in here.

MS. KUMMER: Can some of you folks out there help us on how it works? You give a customer an estimate for an underground facility, and he says, "Well, okay. You want a million dollars to do this. I can hire somebody else to do it for 500,000." You credit -- how do you handle that? You pay him a credit for --

MR. WRIGHT: Yes, and the overhead in your

example costs 200,000, Connie.

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MS. KUMMER: But the overhead has already been calculated, and it's already in the formula. It has already been taken out, is my understanding. Once you get a net -- am I making sense to anybody? You're all looking at me very blankly.

MR. BREMAN: I don't know. Maybe the discussion on paragraph (c) should be suspended until we get to page 18, where we start talking about the actual costs to be included in the charges, and then we can come back and do a wrap-up on what the agreement is to include, because I think your discussion, Schef, is more pointed on what's to be included in the calculations, and paragraph (c) says after all these things are considered, whatever agreement the applicant and the utility strike is not going to harm the rest of the ratepayers.

MS. KUMMER: My question was much simpler, and maybe you can throw it into your comments if you have time. If, again, you give the customer an estimate for some portion of the work, and they say, "No, we're going to do it ourselves," how is that handled? What does that do to the estimate? What does that do to what you charge them? How does the math work on that?

MR. WRIGHT: Connie, there are two things.

1	There's the cost of the underground job, the cost of the
2	overhead job, and the CIAC.
3	MS. KUMMER: Which is the difference between
4	the two.
5	MR. WRIGHT: Yes. FPL will tell us the cost
6	of the underground job and the cost of the overhead job,
7	and we can obviously calculate the CIAC from that.
8	MS. KUMMER: Right.
9	MR. WRIGHT: Okay. But the question is, back
10	to your example, is the million dollars the CIAC or is
11	the million dollars the cost of the underground job?
12	MS. KUMMER: That would be the CIAC.
13	MR. WRIGHT: Okay. Well, see, I was viewing
14	it as the cost of the underground job, but the same
15	analysis applies ultimately. But we'll talk about it
16	when we get to subsection (11).
17	MS. KUMMER: I'll take Jim's suggestion and
18	shut up and let you go to the other parts.
19	MR. HARRIS: We were talking about paragraph
20	(3). With the understanding we're going to move on in
21	this discussion, anything else in paragraph (3)?
22	Paragraph (4)?
23	Paragraph (5)?
24	(6)?
2.5	(7)?

(8)?

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On to page 18, subsection (9).

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Subsection (10)?

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Subsection (11).

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because it's really something we talked about with

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respect to the Boca Winds development at the beginning

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MR. BUTLER: On (11)(a), let me just start with that. And I'll not talk at length about this, of the morning.

We have -- FPL has a concern about making the differentials that are described in here, operating and maintenance costs, average historical storm restoration costs, available generally to conversions because of what we see as a very large differential in the impact on the operating and maintenance costs and on the storm restoration costs, depending on whether you're talking about a sort of individual or small number of customers who are converting in an area that remains substantially served by overhead or talking about some sort of large contiguous area where you no longer are having to go in there and do overhead restoration work after a storm, or for that matter, overhead maintenance work prior to the storm.

And we think it's very important that this differential, if we're going to be using one at least, or a differential, that it be calculated based on the assumption of a large contiguous area so that it will be substantial, and then that it be available only to those sorts of areas so that (1) you're getting a differential that's big enough to make a difference in the customer's CIAC costs, and then (2), on the other hand, that you don't have customers who really don't deserve that differential because they're one-off conversions that don't generate the savings benefiting from that calculated differential.

So the approach we had taken, which we continue to recommend, is this idea of limiting whatever credit, however it is calculated, to the government-sponsored projects that would be fitting into this pattern of being the substantial contiguous area and not making this available, as is essentially implicit in (11)(a), to all customers who convert, no matter what their circumstances are.

MR. TRAPP: I have the -- I guess I could make the same argument for your 25 percent reduction plan. It seems to me to be discriminatory, maybe not unduly discriminatory, because you've tied it to financing concerns, as I understand it. You've got to have a governmental entity to deal with, because you're surely going to pay for the project. But I don't see any

science behind the 25 percent. I do see some glimmer of the opportunity for science between these differentials.

I do share with you, though, the scale problem. Do you get the same reliability and storm avoidance -- cost avoidance benefit from, you know, converting two blocks to underground as opposed to converting a whole neighborhood, county, region? I think staff is struggling with that also.

Personally, I would defer more to the science of calculating the differentials, because we've worked with it longer and have more experience with it, and it's just an arbitrary 25 percent reduction to certain amounts of customers that's going to come back and be paid for by everybody in their rates anyway.

MR. BUTLER: Of course, keep in mind, in our current proposal, we don't have the 25 percent.

MR. TRAPP: That's correct.

MR. BUTLER: The current proposal is to have a provision that would have utilities file tariffs that define both the applicability terms for the local governments as well as what the percentage factor would be.

MR. TRAPP: I thought you had a tariff filed with us now that was under suspension that had a 25 percent reduction in it.

MR. BUTLER: Well, we think that that is about right, and it is based on an evaluation of the storm restoration cost differential in those sorts of areas. You know, that's likely what we would ask you to consider as the tariffed amount. We would expect you to ask us to provide justification. If there was a different percentage that seemed appropriate, we might end up settling on something different.

But I don't disagree with you, Bob, about the fact that it ought to be tied to some sort of measured differential.

MR. TRAPP: But your argument started with a concern about scale, and I don't have see any difference in concerns about scale with respect to a 25 percent reduction to governments where governments can be defined by, you know, 10-customer pilot projects versus 600 versus 6,000, communities. I don't see any difference with respect to the arguments involving scale.

What I really need to know from the industry is what are the targeted areas where such incentives should be put in place. Are they coastal areas subject to flooding? Are they interior areas subject to wind damage, none of the above, all of the above? And that's pretty much the impetus for our movement in the

construction standard rule to putting the responsibility on the utility to identify those areas.

MR. BUTLER: In our proposal as it currently stands, you know, one of the things that we would be bringing into the tariff evaluation is the issue of applicability. I mean, it's got to be a government.

The reason for the government -- you're right, the government-sponsored doesn't necessarily imply a particular scale. In fact, I think you would find that the great majority of the projects would be for neighborhood size, contiguous areas that would at least meet the minimum threshold for the scale. But if they didn't, that might be something in an applicability requirement that would disqualify something that's otherwise government-sponsored from qualifying for the government assistance or adjustment factor.

But the real reason for the government goes back to the issue of being in a position -- it's sort of an enforcement issue here. They can assemble the coalition kind of by fiat that will be the area which will be undergrounded in a way that generally a neighborhood without the resources of the government and the enforcement powers of the government can't do. We don't rule that out.

What we wanted to do was to get started with

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the government-sponsored projects, because that is the most obvious mechanism of making it happen. But, you know, if Boca Winds or whoever has something that will truly work that is an enforceable mechanism to be sure everybody is doing it and everybody is paying for it, then, you know, I think that's something that this could move to in time.

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But really, the key two elements are scale, and then a way to implement effectively and sort of uniformly the undergrounding within that contiguous area that has been identified, and that's where the government comes in.

MR. TRAPP: And by doing that, by adopting that policy, you will answer the question of do we really get any benefit from this? I mean, the arguments that you made with respect to, "Why make us change out every pole to the high wind standards? It's not going to accomplish anything, just increase costs," it seems to me the same arguments would apply with respect to undergrounding. Where have you shown us that undergrounding is a preferred means of construction?

MR. BUTLER: That would be the justification for the adjustment factor that would be approved in the tariff. We would expect you to require us, and we would expect to provide a differential, a cost differential

basis to justify what's going to end up being done.

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And rather than -- we started in our first proposal at 25 percent. We sort of realize that that's something that there's probably enough variation among different utilities as to that, and perhaps as to how they would want to define applicability in their areas, that it made more sense to be something that was tariffed rather than trying to specify one size fits all in the rule, and that's why our proposal reads the way that it does now.

The big concern on the other side is that we think that your rule as it currently is proposed has sort of one size fits all in the other direction. It's everybody qualifies. You give the same thing to the individual conversion to accommodate a swimming pool in somebody's back yard as you do to a community that's going en masse from overhead to underground, and that doesn't seem like it's a good use of resources.

MS. KUMMER: I've got two points that I would like to make on what you just said. The calculation supporting the 25 percent you said would include a number of things. Would that also include the rationale, the justification or identification, quantification of the benefits to the general body of ratepayers for that 25 percent that you're passing on to

| them?

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MR. BUTLER: Yes.

MS. KUMMER: Okay. And in terms of the scale,
I guess is what you're tossing back and forth, the guy
with the swimming pool versus the entire community,
isn't that implicitly taken into account in (a), because
if there's no operational or maintenance benefits, those
numbers are zero?

MR. BUTLER: But what -- I mean, that is a way you could interpret your rule, but the problem is that then it becomes this infinitely sliding scale of, I think, a real administrative burden. And our sense is that, first of all, when you really get down to the individual or very small number of conversions, the savings are pretty close to nothing.

MR. BREMAN: Right.

MR. BUTLER: So at that level, you're just not talking about having anything that applies. And then if you have to -- each time you look at a customer and calculate their CIAC, you have to separately figure out where that customer falls, or that group of customers, within a sort of pattern of how much savings is going to be generated, I think there's a real administrative burden and kind of an opportunity for disputes and just a slowdown of the process.

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What we were trying to do was to focus on what clearly does give benefits or most clearly gives benefits, and to do that first, and to our minds, that's the large contiguous areas. I mean, you could do it the way you're talking about, but I think that if you did that, it would be something that would require a whole additional layer of decision-making on developing that scale.

MR. TRAPP: How do you know that that single pole that that single customer converted to an underground installation is not the pole that takes out the community?

MR. BUTLER: You can't know that. That's not what I'm trying to say, Bob. Obviously, you can't know about a particular pole. But what you really get is the situation that if the community of which that one customer is a part still has a lot of overhead facilities in it, then that area has to be maintained, and then after a storm, restored essentially as an overhead served area. And below a certain threshold, you don't really reduce the amount of -- you know, the number of trips by trucks and the amount of work that ends up being done for overhead restoration in those areas.

MR. BREMAN: What is -- excuse me. This is

Jim Breman. What is that threshold? Is it 1,000 feet, 99 feet, 55 feet? I would like each utility to answer that question. What is the minimum threshold that you have to have in order to have any kind of cost differential between overhead and underground O&M and storm restoration costs? I would like to move this discussion off the theoretical and start putting some analysis on it. Is that possible?

MR. BUTLER: We can talk to it generally. I mean, we're not going to be able to give you a number, but -- Tom, do you want to speak to it?

MR. BREMAN: If we have to do this thing on a 1,000-foot increment or whatever, I mean, engineers can come up with numbers and methods of allocating costs. I think if we really try to get this thing down, we can. I really would like to see some sort of quantification. And I apologize to the rest of the panel here, but I sort of need to have some numbers to work from so I don't spend so much time talking about theory.

MR. KOCH: This is Tom Koch from FPL, K-o-c-h. And, yeah, I mean, we're in the process of working on that right at the moment, and there's probably going to be differentials. There is not going to be -- you know, is there going to be a bright line for that type of thing? I would say probably not. There's not going to

be a bright line, but there's going to be a point where it's kind of clearly on one side, clearly on the other.

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And there's no way -- we're certainly getting no savings from having a couple of customers here, a couple of customers there. You're still going to have to roll vehicles in storm restoration mode. That's just absolutely going to happen.

Is it going to be something where it's, you know, thousands and thousands of customers? No, it's not going to be that large either. And so we're working on honing the information right now.

MR. BREMAN: And chances are the first time through, we won't have it perfect.

MR. KOCH: That's correct.

MR. TRAPP: I would just like to add that one of the advantages of averages is that you make -- you have the potential to make less people mad, or at least a little less mad. And I'm having a real struggle with the selective approach to providing discounts. I mean, let's face it, this is America. Everybody wants a discount. You know, when I go to Wal-Mart, I look for a discount.

So I just don't know how you're going to keep the floodgates shut to, you know, the selective discount approach. However, if we can define within some range

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So I think that's what basically we're going to be looking at.

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And it is true also, and one of the reasons that there is the modification in what we filed back on the 3rd is that, you know, there are differences -- recognizing there are differences between the utilities in terms of what they should expect as far as storm incidents, what they should expect as far as storm severity, the amount of customers affected, et cetera, et cetera, and what the individual companies' experiences have been. And there's going to be differences in assumptions that each company is going to apply as well.

So that's the reason why we think it's the preferred method to go through the tariff thing. You have the rule kind of setting up the umbrella for it, and then basically you file tariffs that support that which are going to be basically individually company based.

MR. TRAPP: But you seem to stand alone on this, and I would like input from the other parts of the industry, particularly Gulf Power, who probably had more experience than most with the hurricane effect on underground facilities. How do you all feel about what staff is proposing? Have we missed the mark? Do you

have a better mark for us to shoot for? Would you rather go with Power & Light's mark?

MS. PINKERTON: My name is Sharon Pinkerton, S-h-a-r-o-n, P-i-n-k-e-r-t-o-n.

And Gulf Power has previously communicated to you all that we believe in the customer's choice. If they decide to go underground, we try to educate them on the pros and cons of going underground, whether it's inland or on the coast.

Specifically, the restoration costs along the coast would be substantially more, and that has been proven in Ivan, and even off our system in Katrina in Mississippi.

So we're more along the lines of just allowing the customer to choose, and if they're willing to bear the differential, we work with them and go underground if they so choose to pay the differential.

MR. TRAPP: So you see no inherent advantage underground to overhead in any instance?

MS. PINKERTON: Well, I've seen underground survive on the coast, I've seen overhead survive on the coast, and I've seen both destroyed on the coast.

MR. TRAPP: And with respect to restoration?

MS. PINKERTON: Restoration depends on the availability of the underground materials. And

predominantly, the industry is an overhead industry, so the material -- gathering material such as your cable and your pad-mount switch gears probably would take longer, in our experience. I don't know FP&L's experience, but in our experience.

We are currently converting Pensacola Beach to underground because that was the customer's choice.

It's a substantial cost to them. We are taking some proactive measures, such as concrete duct banks, such as flush mount equipment. We don't know if that will survive the next storm, and that's what we're calling our pilot program.

MS. KUMMER: And just to be clear, once the customer pays the initial CIAC for the undergrounding, they pay no additional restoration costs or anything else; correct?

MS. PINKERTON: I will need to defer that.

MR. STONE: I believe the arrangement we have with Pensacola Beach in their underground is that if it were to be destroyed, it would be the utility's option to rebuild overhead.

MS. KUMMER: And again, if they wanted it underground, they would pay another differential?

MR. STONE: That is -- I'm going on sketchy recollection of what that agreement was, but it was an

individually tailored agreement.

MS. KUMMER: But in general, do you have a feel for --

MR. STONE: Well, again, as Ms. Pinkerton referred to, that is a pilot program, so it would be hard for me to generalize beyond that pilot program at this point. And as we indicated, that's one that's under way as we speak.

MS. KUMMER: Okay. Thank you.

MR. HARRIS: I must admit to being a little confused by this entire discussion. But I guess my question is, not being an engineer, are we making progress with section (11) and getting us on toward section (12), or are we talking about things that sort of are important, but maybe aren't getting us to where I think we need to be, which is the staff receiving workshop comments so that we can get a rule out, a rule proposal to the Commissioners filed in a few weeks? And if we are, then let's keep on talking about it. If we're not, then let's try to sort of focus on subsection (11) and subsection (12) so we can sort of get this wrapped up and start working on the recommendation we're going to bring to the Commissioners. That would be just my suggestion, and I might be off base here.

Not hearing anybody, are there specific

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1 comments on subsection (11) that you all want to make at this point that we want to take time to listen to? 2 Larry, I have just two questions. 3 MR. WRIGHT: MR. HARRIS: Schef. 4 MR. WRIGHT: Am I correct to interpret (a) --5 6 where it says the net present value of operating and 7 maintenance costs and the average historical storm restoration costs, would that be the net present value 8 9 of O&M cost differentials and the net present value of projected future storm restoration costs, or left to 10 11 further flesh out, or what? That's question number one. MR. TRAPP: I'm an engineer, and I believe in 12 13 present value, but --MR. WRIGHT: That's good enough for me, Bob. 14 MR. TRAPP: I think that's a reasonable 15 interpretation, Schef, unless we -- I mean, you know, 16 there's always an opportunity for somebody to make a 17 18 better argument. 19 MR. WRIGHT: Sure. And my other question is, in (b), where you all say all costs, including overhead 20 21 assignments, was that attempting to address our 2.2 comments? 23 (Simultaneous affirmative responses.) 24 MR. WRIGHT: Thank you. 2.5 MR. HARRIS: Anything else on subsection (11)?

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Okay. Subsection (12) then, we'll move on there. Any comments on staff's proposed rule language for subsection (12)?

Last would be subsection (13). Any comments on subsection (13?

Okay. Are there any final comments from anybody on Rule 25-6.115, with the understanding that I'm asking this question to help us develop a rule, a recommendation that we can propose to the Commissioners? By "us" I mean staff.

Okay, as Mr. Trapp mentioned a couple of times, we feel like we're on a time line here, and we're making our pain felt to you, and the way we're doing that is -- I understand that in general, we give a fair amount of time for workshop comments. Staff wants to go to a June 20th agenda conference, which means we have to have a recommendation filed by June 8th. In order to do that, we have to get comments from you all.

The date we're proposing and we would like you all to commit to is May 25th to get your proposed workshop comments. And that does not give us a lot of time to go through them and try to make whatever changes and then get a recommendation written.

So I understand that that's not a lot of time for you all, but I hope you see that it's not a lot of

1 time for us to take and digest them and try to get a 2 recommendation written on this issue that will assist 3 the Commissioners in making their decision whether to 4 propose rule amendments or not. And so unless someone 5 tells me that they can't have comments in by the 25th, 6 that's what I'm going to ask from you all. 7 MR. BUTLER: Is there any chance of doing that on the 26th, Friday of next week instead of Thursday, 8 9 just to give us the full week? MR. TRAPP: Do you have a calendar? 10 11 MR. HARRIS: I don't have a calendar, Bob. 12 MR. WRIGHT: Second. 13 MR. TRAPP: I thought that was a Friday. 14 MR. HARRIS: Just one day later. I mean, do 15 we have a --16 MR. TRAPP: Is that a Friday? 17 MR. HARRIS: Yes, the 26th is a Friday. 18 MR. TRAPP: Well, you know, we won't see it. 19 MR. HARRIS: We're going to meet on the 26th, 20 so it can come in so that staff can take it home and look at it over the weekend. I think we can do that 21 22 probably, because I know, speaking for one staff member, 2.3 this is going to be good reading for me over the 24 Memorial Day weekend. 25 MR. BUTLER: Okay.

MR. HARRIS: Perfect. We are having this transcribed. The transcript will be posted as soon as it can be, for those of you who will look it up. You all will get the comments in the way we did last time.

I think there was some question about also financial information. Bob, do you want to address that a little bit more? We have the same date, and we can move that to noon on Friday also, noon on the 26th.

MR. TRAPP: I hope you've had some time since the submission of the last workshop comments to think more about the cost impact of some of the proposals.

And given that we've really only talked about two basic proposals, kind of a mandatory approach and then a more discretionary approach, I think you all started down the right path. If you could perhaps devote a little more attention to the cost impacts so that we can see if there truly is a difference between the two approaches, that would be helpful.

Again, I'm sorry for the short turnaround, but June 8th is the filing date for staff. That means we've got internal drafts and all that kind of stuff that have to be approved even before me.

MR. HARRIS: And the SERC is only good as the data we get, and so in order to give the Commissioners the fullest view of the impact of the amendments that we

are going to recommend yo them, we really are asking you all for good data.

Is there anything else anyone wants to bring up at this workshop before we go ahead and close it?

Okay. Hearing nothing, we're going to go ahead and adjourn. Thank you all for your attention today, and thank you all for your time. I know it went longer than we had all hoped. Have a good day.

(Proceedings concluded at 4:02 p.m.)

(Troceedings concluded at 4.02 p.m.)

CERTIFICATE OF REPORTER

3 STATE OF FLORIDA:

4 COUNTY OF LEON:

I, MARY ALLEN NEEL, Registered Professional Reporter, do hereby certify that the foregoing proceedings were taken before me at the time and place therein designated; that my shorthand notes were thereafter translated under my supervision; and the foregoing pages numbered 119 through 224 are a true and correct record of the aforesaid proceedings.

I FURTHER CERTIFY that I am not a relative, employee, attorney or counsel of any of the parties, nor relative or employee of such attorney or counsel, or financially interested in the foregoing action.

DATED THIS 31st day of May, 2006.

MARY ALLEN NEEL, RPR 2894-A Remington Green Lane Tallahassee, Florida 32308 (850) 878-2221