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BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 080318-GU

In the Matter of:

PETITION FOR RATE INCREASE BY
PEOPLES GAS SYSTEM.

----- /

PROCEEDINGS: TAMPA SERVICE HEARING

BEFORE: COMMISSIONER LISA POLAK EDGAR
COMMISSIONER KATRINA J. McMURRIAN
COMMISSIONER NANCY ARGENZIANO
COMMISSIONER NATHAN A. SKOP

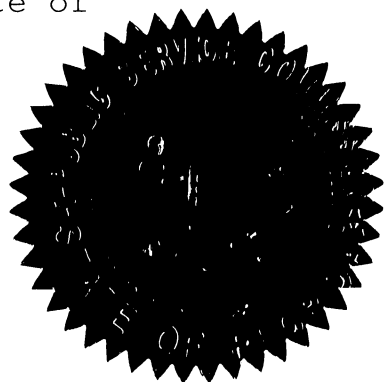
DATE: January 14, 2009

TIME: Commenced at 10:04 a.m.
Concluded at 10:54 a.m.

PLACE: Robert J. Arenal Conference Center
26th Floor
Hillsborough County Center
601 East Kennedy Boulevard
Tampa, Florida

REPORTED BY: LISA A. SIMONS-CLARK, RPR, CRR
Notary Public, State of
Florida at Large

Pages 1 to 27



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PARTICIPATING:

CHARLES REHWINKEL, Public Counsel's Office.

LEWIS BINSWANGER, 702 North Franklin Street,
Tampa, Florida, on behalf of Peoples Gas.

CAROLINE KLANCKE from commission staff.

MARSHALL WILLIS with technical staff.

I N D E X

WITNESSES

| NAME: | PAGE NO. |
|----------------|----------|
| JOHN McWHIRTER | 10 |
| MARK P. KLUTHO | 17 |

EXHIBITS

| NUMBER: | ID. | ADMTD. |
|---------|-----|--------|
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1 P R O C E E D I N G S

2 COMMISSIONER EDGAR: Good morning. We're going
3 to begin by asking our staff to read the notice,
4 please.

5 MS. KLANCKE: Certainly, Commissioner. By
6 notice, this time and place has been set for
7 customer service hearing in Docket No. 080318-GU,
8 petition for rate increase by Peoples Gas System.

9 COMMISSIONER EDGAR: We are here today as the
10 Florida Public Service Commission to hear from
11 customers. This is a very, very important part of
12 what we do. It is good for us to come from
13 Tallahassee to come out to the service area to give
14 customers an opportunity to speak to us directly.

15 My name is Lisa Edgar, and I am the senior
16 member of the commission here today. With me are my
17 colleagues, Commissioner Nancy Argenziano.

18 COMMISSIONER ARGENZIANO: Good morning.

19 COMMISSIONER EDGAR: Commissioner Katrina
20 McMurrian.

21 COMMISSIONER McMURRIAN: Good morning.

22 COMMISSIONER EDGAR: And Commissioner Nathan
23 Skop.

24 COMMISSIONER SKOP: Good morning.

25 COMMISSIONER EDGAR: And again, we are glad to

1 be here today to afford this opportunity to the
2 customers to hear directly about their thoughts and
3 any concerns they may have about the service from
4 Peoples Gas and also about the requested rate
5 increase.

6 We're going to begin by taking appearances from
7 counsel.

8 MR. REHWINKEL: Charles Rehwinkel, Associate
9 Public Counsel, Office of the Public Counsel.

10 COMMISSIONER EDGAR: Thank you. And for
11 Peoples Gas?

12 MR. BINSWANGER: Lewis Binswanger, 702 North
13 Franklin Street, Tampa, Florida, on behalf of
14 Peoples Gas.

15 COMMISSIONER EDGAR: Thank you. And our staff?

16 MS. KLANCKE: Caroline Klancke from commission
17 staff.

18 MR. WILLIS: Marshall Willis with technical
19 staff.

20 COMMISSIONER EDGAR: Thank you. Peoples Gas
21 does, I believe, have staff here today. If there
22 are any billing or other issues that customers would
23 like to have addressed, we also, at the -- for the
24 commission, have staff here as well. If there are
25 any other concerns, our staff can help us respond.

1 Mr. Rehwinkel, when we come to the public
2 testimony portion of this proceeding, will be
3 calling names from the sign-up sheet. If anybody
4 has not signed up that would like to speak, I would
5 ask you to step just out the door. There's a
6 sign-up sheet right there.

7 And Ms. Muir, who's waving in the back, also
8 can be helpful and is in charge of the sign-up
9 sheet.

10 Our proceedings today are a part of our
11 official record for this hearing. All of the
12 comments that we hear will be transcribed. We have
13 a court reporter with us, and they will be
14 considered and reviewed and become a part of our
15 decision-making process.

16 There also are sign-up -- are other sheets
17 outside. If you are aware of anybody who could not
18 be here today but would like to participate by
19 sharing their comments with us, either take some of
20 the green sheets that are outside and share them
21 with your friends, neighbors, business associates,
22 so that they can send those to us; and also, that is
23 available on the website, so that would be another
24 opportunity for people to participate.

25 Right now, Ms. Klancke, let's go ahead and take

1 care of the exhibits. I believe we have notice of
2 publication?

3 MS. KLANCKE: Yes, that is correct,
4 Commissioner. We have a notice of publication
5 provided by Peoples Gas for the Tampa service
6 hearing that's taking place today.

7 COMMISSIONER EDGAR: Okay. And we will mark
8 that as Exhibit 5.

9 MS. KLANCKE: Excellent.

10 (Exhibit No. 5 was marked for identification.)

11 COMMISSIONER EDGAR: Because this is a part of
12 the official record, anybody who is going to speak
13 to us today will need to be sworn in. We will do
14 that as a group here in a few moments; but before we
15 do that, I would like to afford the opportunity to
16 the company to make a brief statement.

17 MR. BINSWANGER: Thank you, Commissioner Edgar.
18 Good morning, commissioners and ladies and
19 gentlemen. My name is Lewis Binswanger. I am
20 Peoples Gas Director of Regulatory Affairs.

21 We appreciate having the opportunity to
22 participate in this service hearing, which is part
23 of the commission's process of evaluating people's
24 request for increasing base rates.

25 Peoples Gas operates the largest retail natural

1 gas distribution system in the state of Florida,
2 providing natural gas service to approximately
3 334,000 customers, residential, commercial, and
4 industrial.

5 Peoples Gas last rate request was in March 2002
6 and was granted permanent rate relief effective
7 January 2003. Since that time, the company has
8 continued to expand its pipeline distribution system
9 in order to make natural gas available as a low
10 carbon, energy efficient choice to almost 100,000
11 new residential and commercial customers.

12 In addition, Peoples Gas has installed or
13 replaced over 1500 miles of main in over 200
14 communities it serves. Peoples Gas has also offered
15 energy conservation programs to assist customers
16 with the installation of energy efficient natural
17 gas appliances.

18 In fact, since Peoples' last rate case,
19 residential customers have substantially conserved
20 natural gas use and are consuming about 10 percent
21 less natural gas today than they consumed six years
22 ago. That's about the equivalent of one month's
23 worth of natural gas saved per residential customer
24 per year.

25 Peoples Gas has also maintained a very reliable

1 distribution system, even through the active
2 2004/2005 hurricane season with minimal customer
3 service interruptions.

4 The company's enhanced customer service is
5 based on input from our customers and now offers
6 extended hours of operation and next-day service.
7 Peoples Gas also has 39 authorized payment centers
8 in and around the Tampa area for our customers'
9 convenience to accept bill payments at no charge to
10 the customer.

11 While I understand most of you are here to
12 provide input to the commission, as Commissioner
13 Edgar noted, we do have members of our staff here
14 that could address any type of billing issues that
15 you may have or any -- any questions you have about
16 your bill.

17 Peoples understands that our customers truly
18 have a choice in using natural gas to meet their
19 energy needs, and we take pride in providing
20 reliable natural gas service to our customers here
21 in Tampa and throughout Florida and appreciate your
22 participation in today's hearings. Thank you.

23 COMMISSIONER EDGAR: Thank you. Mr. Rehwinkel
24 with the Office of Public Counsel.

25 MR. REHWINKEL: Yes, briefly, Madam Chairman.

1 Again, my names is Charles Rehwinkel. I'm with the
2 Office of Public Counsel, which is an independent
3 legislative agency established by the Florida
4 Legislature to represent customers in cases like
5 this one before the Public Service Commission.

6 Our office has intervned in this case and has
7 retained expert witnesses in the finance and
8 accounting field and filed testimony. Our role in
9 this case will be to challenge the company's filing
10 before the commission.

11 At the present time, the company has requested
12 an increase of about \$26.5 million. Our experts say
13 that an increase of no more than \$5 million --
14 \$5.6 million is warranted based on the evidence that
15 we have at this time.

16 So that's the position of our office at this
17 time, and I look forward to hearing from any
18 customers who would like to present testimony today.

19 Thank you, Madam Chairman.

20 COMMISSIONER EDGAR: Thank you, Mr. Rehwinkel.
21 At this time we can go ahead and move into hearing
22 from those of you that are here today to speak
23 directly to us. As I said, we will need to swear
24 you in so that this can be a part of our official
25 record and transcript.

1 And so for those who have signed up to speak,
2 if you would stand with me and raise your right
3 hand. In this matter before the Florida Public
4 Service Commission do you swear or affirm to tell
5 the truth?

6 WITNESS McWHIRTER: I do.

7 COMMISSIONER EDGAR: Thank you. Mr. Rehwinkel?

8 MR. REHWINKEL: Chairman Edgar, at this time I
9 have one witness who has signed up to testify, and I
10 don't really need his sign-up to call him, but his
11 name is John McWhirter.

12 WITNESS McWHIRTER: Well, I'm pleased that I
13 signed up so that you don't go without comments.

14 COMMISSIONER EDGAR: I'm glad you signed up as
15 well. It's nice to see you again. If you would
16 state your name and your spelling for the court
17 reporter.

18 WITNESS McWHIRTER: My name is John McWhirter.
19 I'm a residential customer of Peoples Gas System,
20 and I also represent a group of industrial people
21 located in Jacksonville who have intervened in this
22 cause, and we're taking essentially a monitoring
23 view of the case because it appears that Peoples, on
24 the rate structure issues which we are normally
25 involved in, has appropriately designed its rates.

1 With respect to the revenue issues, the
2 industrial customers took no position but rely
3 heavily upon the expertise of the public counsel
4 with respect to that.

5 I'm here to speak principally to talk about two
6 issues of regulatory philosophy. And one thing
7 that's happened in the last few years with the
8 Public Service Commission is that more and more
9 items have moved away from base rate cases, which
10 this is, to cost recovery clauses; and, when that
11 happens, automatically rates increase every year in
12 connection with the cost recovery mechanisms where
13 testimony is filed in September and you have a very
14 short period of time to evaluate it and hearings are
15 held in November that involve 13 or \$14 billion in
16 cost recovery items, and there's very little time to
17 give it the appropriate review.

18 The Peoples representative in this case has
19 pointed out that costs are going -- or service is
20 going down. People are conserving on the use of
21 gas, which is something that you promote and we all
22 promote as good citizens at this point.

23 We promote efficiency in the utilization of
24 gas; but the problem, when you have efficiency, if
25 your rates are not properly structured, what happens

1 is people conserve and since the -- most of the
2 investment of the utility company, like this one,
3 which is pipes in the ground, they -- they require a
4 fixed investment and fixed monthly payments like
5 your mortgage.

6 And so what happens is if people consume less,
7 the utility gets less revenue, and it must raise its
8 rates in order to meet the mortgage payments. So we
9 always look with great caution when things that
10 entail fixed cost are moved from base rates into
11 cost recovery clauses.

12 In this case, and Issue 59 and 60, which you'll
13 see in your prehearing statement when it comes out,
14 we're dealing with two principal cost recovery
15 clauses. One is the carbon reduction clause, and
16 the other is the gas reliability clause; and with
17 these two clauses together, if you read them with
18 care, you will see that Peoples will probably not
19 have a further base rate case ever again because
20 they're fixed investments to replace pipes that have
21 worn out, to make new investments in their system,
22 will all move into the cost recovery clause, and
23 they can be considered annually in the November
24 hearings when you consider a lot of other things.

25 The time to examine prudence will be very slim

1 indeed, and you won't have the opportunity to look
2 at them as you should.

3 Cost recovery clauses are designed primarily to
4 deal with volatile costs that change, and the
5 utility has a regulatory lag problem, and it must do
6 something rapidly to recover its cost to stay in
7 business.

8 Well, if you're extending your system or if
9 you're improving your system, you don't have --
10 that's not a volatile thing; that's a permanent
11 expenditure that will last for 30 years.

12 So we believe -- or at least I personally
13 believe and my clients have not commented on this
14 nor instructed me to deal with this. I'm dealing as
15 a residential consumer that has a little bit of
16 knowledge about what goes on in the regulatory
17 sphere.

18 But what happens, when you have a base rate
19 case, in the case you set a depreciation charge, and
20 that depreciation charge will be established to let
21 the rate base depreciate over 20, 25, or 30 years
22 for the pipes that are in the ground now; and that
23 won't being looked again -- at again until the next
24 base rate case.

25 You will set returns on these investments that

1 the utility has, and that won't be looked at again
2 until the next base rate case. All you'll look at,
3 with tunnel vision, is the expenses that are
4 incurred in the cost recovery area, and that will
5 happen every fall.

6 It will happen in conjunction with a lot of
7 other cases that come before you, and, as a result,
8 you may have major investments being made; and the
9 company may have collected, through its depreciation
10 expense, the amount of money needed to replace
11 pipes, but they will increase the rates to put in
12 new pipes.

13 I haven't given this matter a great deal of
14 study. We don't have expert witnesses on it, but,
15 when the issue comes before the commission, I would
16 think that you might want to inquire carefully of
17 the Peoples representatives.

18 For each of these riders in this rate case,
19 there is a zero increase. So it isn't given a great
20 deal of attention by your staff, or it's not
21 affected in this case except for the principle that
22 you're establishing, and the principle enables the
23 camel to get its tent -- I mean, its nose under the
24 tent and the matter is fait accompli; and, when it
25 comes before you in cost recovery proceedings, you

1 say, well, we already approved that in the base rate
2 case, but you've proved it without knowledge of the
3 money that's being spent, so you'll never get a
4 chance to look at the money because you've approved
5 the principle.

6 So I would strongly recommend -- it may be a
7 good idea. I personally don't think it is, but I
8 would strongly recommend that you look at it with
9 great care.

10 Thank you very much.

11 COMMISSIONER EDGAR: Thank you, Mr. McWhirter.
12 Hold on. Commissioners, any questions for
13 Mr. McWhirter?

14 COMMISSIONER ARGENZIANO: No.

15 COMMISSIONER EDGAR: Seeing none at this time
16 and from Rehwinkel Rehwinkel, none. Thank you. I
17 appreciate your comments, Mr. McWhirter.

18 MR. McWHIRTER: You're welcome.

19 COMMISSIONER EDGAR: Mr. Rehwinkel?

20 MR. REHWINKEL: At this time, Chairman, I have
21 no further witnesses signed up.

22 COMMISSIONER EDGAR: Okay. Let me ask: Is
23 there anybody else here in the room with us today
24 that would like to speak before the Commission on
25 this matter? Okay. Seeing none, then what I would

1 like to do, Commissioners, is propose that we will
2 take a short recess.

3 Before I do that, let me reiterate that the
4 Commission is glad to be here in Tampa today. We
5 are glad to have the opportunity to hear from
6 customers.

7 I would like to, for the record, restate that
8 on our website there is another means to share
9 comments with us on this matter. If you go to
10 www.FloridaPSC.com, that website will route you very
11 easily to a sheet that can be printed out and would
12 be another mechanism for customers to participate in
13 this process, and we strongly encourage that.

14 So at this time, Commissioners, we will take a
15 short recess to see if there is some people who
16 perhaps got delayed with traffic and parking and all
17 of that. The clock on the wall is a little behind,
18 but we will use that, and we will be on break until
19 10:30 by the clock on the wall. Thank you. We are
20 on recess.

21 (Recess.)

22 COMMISSIONER EDGAR: We are going to go back on
23 the record, and my understanding is that we have had
24 additional customers who have come to speak to us,
25 and we are glad of that, so we will jump right in;

1 and, Mr. Rehwinkel, I'll ask you to please call the
2 next name on the list.

3 MR. REHWINKEL: Yes. Chairman, the next
4 witness signed up is Mark P. Klutho, and I would ask
5 Mr. Klutho to come forth.

6 COMMISSIONER EDGAR: Please come forward, and,
7 if you would, spell your last name for us, and we do
8 need to swear you in. And so if you'll stand --
9 thank you -- with me.

10 In this matter before the Florida Public
11 Service Commission, do you swear or affirm to tell
12 the truth?

13 WITNESS KLUTHO: I do.

14 COMMISSIONER EDGAR: Thank you.

15 WITNESS KLUTHO: It's Mark P. Klutho,
16 K-l-u-t-h-o, just like Henry Klutho, the first
17 person from the state of Florida to be a member of
18 the American Institute of Architects.

19 I have a copy of Energy Unbound here by Amory
20 Lovins. He signed it at the Energy Conference held
21 in Tampa in 1992 for Mark Klutho, Partner in
22 Creating America's Future. That was put on by the
23 Florida Chapter of the American Planning
24 Association.

25 And today, this is dealing with the cost for

1 gas from Peoples here in Tampa. Well, the cost of
2 gas has skyrocketed because of the switch from
3 burning coal at the power plants to using natural
4 gas.

5 In days past, natural gas was primarily just
6 for furnaces and stoves and ovens. When I was
7 growing up as a -- as a kid, the house where my
8 mother was raised, the furnace was coal. I used to
9 climb in the coal bin.

10 The stove was gas, but, you know, now this
11 world is going in all the wrong direction. This
12 book, Energy Unbound, here is 10 years after I read
13 Amory Lovins' Soft Energy Pass; and, essentially,
14 they're both outlines on how this economy can run on
15 25 percent of the energy that we use.

16 Now, that was back in '77. As he'll tell you,
17 we have become more efficient; but, as I stated a
18 little while ago, our last electric bill was \$23.45,
19 and all I've done so far is install the solar
20 thermal for hot water.

21 Did you know that Hawaii just passed
22 legislation to say that any new single-family
23 dwelling must have solar thermal for hot water?
24 Now, that's a lot smarter legislation than saying
25 people have to spend their money or give it to

1 investors so you can build nuclear power plants.

2 What Amory Lovins says about heating your water
3 with electricity, it's like cutting butter with a
4 chain saw. And when you invest in doing something
5 like what they did in Hawaii -- and before that it
6 was a law in both Spain and Israel.

7 And, in fact, I talked with the woman at the
8 Energy Efficiency Office in Hawaii, and she stated
9 that she considered this a deficiency in the law and
10 that people going from a gas water heater in their
11 house, they were not getting a tax credit that the
12 people using electricity would to -- to go to solar.

13 And this is something that the office wanted to
14 work on in improving this bill that was passed; and
15 really even, you know, a multifamily unit, as an
16 apartment building, they should be doing this with
17 solar, but the opportunities -- and when you look at
18 the return, which, in here, you know, you've heard
19 recently about -- and this was a joke, the article
20 in the paper, saying, oh, it's so much greater that
21 we can be getting energy burning turkey poop -- and
22 this is a renewable versus using the cow manure or
23 pig manure.

24 Well, in here, in the -- let me remind you this
25 is copyright 1987. Why, there is one 450-cow dairy

1 farm I know where a bio gas run generator has turned
2 a \$1,400 a month electric bill into a several
3 thousand dollar a month profit on sales of surplus
4 power to the utility, never mind the milk and cream.
5 1987.

6 Now, again, this planet is burning, and I have
7 here from 1998 -- well, going back further,
8 Nonnuclear Futures, The Case For Unethical Strategy,
9 Amory Lovins, copyright 1975.

10 And then I hear something sick on the news
11 yesterday that energies are designate. He's saying,
12 oh, yeah, we're going nuclear. Well, I think I
13 brought the paper. I mean, I have volumes at home
14 going back over 30 years.

15 Like I say, just this right here, just this
16 right here, like I say, is an outline. And this
17 Time Magazine, did you-all pick this one up? Now,
18 do you know how much that is in here that is said
19 that -- the author doesn't know it -- that is really
20 from Amory Lovins?

21 There's one little quip in there, you know,
22 from Amory Lovins, but so much going through --
23 throughout this article. You know, the McKinsey
24 study found that a global effort to boost efficiency
25 with existing technologies could have spectacular

1 results, eliminating more than 20 percent of the
2 world energy demand by 2020. Efficiency guru, Amory
3 Lovins, argues that today's best technologies could
4 save the U.S. half our oil and gas and three-fourths
5 of our electricity.

6 See, the problem is the fools don't know those
7 technologies. Like I say, I haven't finished the
8 retrofit on the house, and we're already down to
9 23.45 a month. When I'm finished, we'll be getting
10 paid monthly for excess electricity that we
11 generate.

12 The beauty is, when you aren't doing big coal-
13 and gas-fired power plants and nuclear plants,
14 you're creating a lot of living wage jobs in
15 manufacturing and then jobs that are people that are
16 the technicians, the electricians, the plumbers,
17 and, of course, people in sales and what have you.

18 But when you're going and you're doing 17
19 billion and then you look at the mind-set -- you
20 know, I've testified twice before the Nuclear
21 Regulatory Commission just recently up there in
22 Crystal River.

23 And guess what happens? I just received a
24 brown envelope from the Nuclear Regulatory
25 Commission. Guess what? The material that was sent

1 to me wasn't supposed to come to me. It was
2 supposed to go to someone else. It was information
3 about how the, you know, citing and everything was
4 supposed to be displayed at a library somewhere
5 else. It wasn't supposed to come to me.

6 What kind of, you know, oversight, what kind of
7 examination is the Nuclear Regulatory Commission
8 really going to be doing if they can't even mail
9 this information to the proper source?

10 I'll have it with me for their next hearing. I
11 should have brought it today. You could have all
12 looked at it. It was -- it was neat. I mean, I
13 wasn't going to take the time to read it.

14 I will be at every hearing that they have, and,
15 in reality -- I haven't said it yet, but the next
16 one, they -- they are -- in fact, you've heard this
17 saying, the fox guarding the henhouse? Well,
18 they're more than that. Jackals, hyenas -- and no
19 reflection on either species because they're doing
20 what comes naturally.

21 But they do it without a conscience, without
22 being objective, and it is a crime because, like I
23 say, this book here from 1975, Amory Lovins, you
24 know, over at Oxford, he said, No, this -- this
25 nuclear is not the way to go.

1 COMMISSIONER EDGAR: Mr. Klutho, do you have
2 comments about the matter before us today because --

3 WITNESS KLUTHO: Well, the matter -- if you're
4 listening to what I'm saying --

5 COMMISSIONER EDGAR: I am listening.

6 WITNESS KLUTHO: And the key word is
7 correlation. Correlation. The -- here it is. From
8 Amory Lovins, 1998: Putting central power plants
9 out of business. Again, did you not hear what I
10 said? Natural gas, when I was growing up, was used
11 primarily to heat water, cook on the stove, do the
12 oven.

13 It wasn't powering all these plants, see, and
14 now this -- this plant just right over here
15 (Indicating), if you went to a window on the other
16 side of the building, you could look out and see it.
17 They converted it. I think it cost over a billion
18 dollars to make the conversion from coal to natural
19 gas.

20 Well, the problem is, is what is it doing?
21 It's burning natural gas at 2,000 degrees so you can
22 make steam, and that's turning a turbine that turns
23 this big generator that then sends electrons through
24 the wires, and then the wires go into a tank that
25 has elements in there, and they get heated several

1 hundred degrees so you can raise the water
2 temperature from 60 to 70 degrees to 120 degrees.

3 Hence, Amory Lovins' description of heating
4 your water with electricity is like cutting butter
5 with a chain saw.

6 Now, you can say this doesn't apply to what
7 you're dealing with here, but there is a bigger
8 picture; and, as long as you keep dealing the way
9 you do, see -- and I read The Tribune and The Times
10 every day, and I know every single step you people
11 take, every single step the legislature takes.

12 And, you know, in addition to that, you know, I
13 have my -- my Time with -- with this article here
14 and the -- all of the Solar Todays and the Home
15 Powers and The Scientific American with this article
16 here, misleading, when green architecture isn't
17 green.

18 See, before anybody else, I was the person
19 saying that LEED and U.S. Green Building Consult is
20 a fraud, a farce, is bogus.

21 COMMISSIONER EDGAR: Mr. Klutho, let me ask you
22 to stop for a moment. Any questions for Mr. Klutho?
23 Am I saying that correctly, Klutho? No questions?

24 Mr. Klutho, we do thank you for your comments
25 today. Do you have any closing comments?

1 WITNESS KLUTHO: Well, you know, to be saying
2 20 percent renewable by the year 2120, isn't that
3 the plan?

4 COMMISSIONER ARGENZIANO: 2020.

5 WITNESS KLUTHO: 2020, I mean.

6 COMMISSIONER EDGAR: That is the proposal.

7 WITNESS KLUTHO: What's going to happen is a
8 whole bunch of wasted renewable energy. I guarantee
9 you that. I guarantee a whole bunch of wasted
10 renewable energy.

11 See here, remember the photograph I showed you,
12 the imaging specular reflectors?

13 COMMISSIONER EDGAR: Yes.

14 WITNESS KLUTHO: Three bulbs in this fixture.
15 Do you know how much wattage is being wasted, and do
16 you know how many systems will be installed where
17 they will not fix the lighting and like Lester
18 Brown's Plan B states, if we did all the efficient
19 lighting that we could do, 700 of the 2,360
20 coal-fire powered plants that are in use in the
21 world today could be turned off. That's just doing
22 the efficient lighting. That hasn't been done.

23 And like Amory Lovins is saying in this article
24 in Time, the efficiency -- the efficient
25 technologies that are there, they're sitting on the

1 shelf, and it's just really damn stupid to even
2 consider nuclear instead of these technologies that
3 you have to spend less dollars and you get more jobs
4 than when you do that.

5 COMMISSIONER EDGAR: Mr. Klutho, thank you very
6 much, and we do sincerely thank you for your
7 participation and for your research on energy
8 policy, and I do mean that sincerely.

9 Mr. Rehwinkel, any other names on our list?

10 MR. REHWINKEL: I have none at the time.

11 COMMISSIONER EDGAR: Okay. Thank you very
12 much. Commissioners, any comments before we
13 adjourn?

14 COMMISSIONER ARGENZIANO: No.

15 COMMISSIONER EDGAR: All right. Seeing none,
16 then thank you to the office of the public counsel
17 and our staff and to the company representatives and
18 all who have participated, and this proceeding is
19 adjourned.

20 (Proceedings concluded at 10:54 a.m.)

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1 REPORTER'S CERTIFICATE

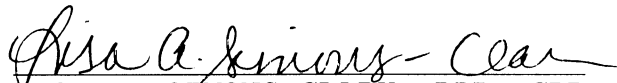
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3 STATE OF FLORIDA

4 COUNTY OF HILLSBOROUGH

5 I, LISA A. SIMONS-CLARK, Registered Professional
6 Reporter, certify that I was authorized to and did
7 stenographically report the foregoing proceedings; and that
8 the transcript is a true and complete record of my
9 stenographic notes.

10 I further certify that I am not a relative,
11 employee, attorney, or counsel of any of the parties, nor am
12 I a relative or employee of any of the parties' attorney or
13 counsel connected with the action, nor am I financially
14 interested in the action.

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16 Dated this 29 day of JANUARY 2009.

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LISA A. SIMONS-CLARK, RPR, CRR