

Thank you to our San Antonio community, friends, neighbors and businesses who were able to attend our June 13, 2018, Board Public Input Session. We appreciate that you invested your time to give us your input on our new strategic initiative, called the ***Flexible Path***. We had a court reporter capturing the feedback from the session so we could dedicate ourselves to listening and absorbing your feedback. During the session, we committed to posting the entire transcript from the event on our website. This transcript will be shared with our Board and our team to ensure we're following up with the questions asked during the session.

Additional comments and questions from the June 13, 2018, Board Public Input Session will be updated on this website. For your convenience, if you were not able to attend the Board Public Input Session, you can also submit a comment through our online **Feedback Form**.

Transcript of the Testimony of
CPS ENERGY PUBLIC INPUT SESSION

Date:

June 13, 2018

Case:

RE FLEXIBLE PATH

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CPS ENERGY
BOARD OF TRUSTEES
PUBLIC INPUT SESSION RE: FLEXIBLE PATH

VILLITA ASSEMBLY BUILDING
401 VILLITA STREET
SAN ANTONIO, BEXAR COUNTY, TEXAS

JUNE 13, 2018
6:00 P.M. - 8:30 P.M.

A P P E A R A N C E S

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BOARD OF TRUSTEES PRESENT AND PARTICIPATING:

John Steen, Chairman

Dr. Homer Guevara, Jr., Vice Chair, Southwest Quadrant

Dr. Willis Mackey, Trustee, Southeast Quadrant

Edward Kelley, Trustee, Northwest Quadrant

CPS ENERGY SENIOR CHIEFS PRESENT AND PARTICIPATING:

Paula Gold-Williams, President and CEO

Fred Bonewell, Chief Security & Safety Officer

Felecia Etheridge, Chief Customer Engagement Officer

Cris Eugster, Chief Operating Officer

Karen Kirwan, Chief Information Officer

Carolyn Shellman, Chief Legal & Administrative Officer

CAC MEMBERS PRESENT AND PARTICIPATING:

Klaus Weiswurm, Chair, Member at Large

Robert A. Romeo, Vice Chair & District 8 Rep.

Alvaro "Al" Rodriguez, Past Chair & District 6 Rep.

Luisa Casso, District 1 Rep.

Lulu Avitua, District 3 Rep.

George L. Britton, Jr., District 4 Rep.

Andy Castillo, District 5 Rep.

Roger Plasse, District 7 Rep.

- 1 Joe Yakubik, District 9 Rep
- 2 Allie Watters, District 10 Rep.
- 3 Corina Castillo-Johnson, Member at Large
- 4 David Walter, Member at Large
- 5 Mary Dennis, Member at Large
- 6 Bill Day, Member at Large

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1 CHAIRMAN STEEN: Ladies and gentlemen,
2 please take your seats. It's six o'clock. This public
3 meeting of CPS Energy Board of Trustees is hereby called
4 to order.

5 First, we're going to have a brief safety
6 message and I -- I'll ask Mr. Fred Bonewell, who is our
7 chief security and safety officer, to please come
8 forward. And you all know, at CPS Energy we -- we talk
9 about safety all the time. It's safety, safety, safety,
10 and -- and we never pass up an opportunity to discuss
11 safety. So, Mr. Bonewell, go ahead.

12 MR. BONEWELL: Thank you, Chairman Steen.
13 Yes. Safety is of vital importance to us.
14 And thank you for being here this afternoon and this
15 evening to share input; and we want this to be as safe
16 as possible.

17 So in the event of an emergency with an
18 alarm, we all need to exit out the doors that are marked
19 "Exit," and to our right -- to my right underneath the
20 Navarro building breezeway is where we'll meet together;
21 and all of those folks that have registered you will
22 have your names and we'll be able to match that up with
23 everyone. And hopefully that will not happen.

24 Up here in front, should you come up, be
25 aware of the cords that are on the floor. And we want

1 this to be a good experience for you. Thank you very
2 much.

3 CHAIRMAN STEEN: Thank you, Mr. Bonewell.
4 Good evening. My name is John Steen. I
5 have the privilege of serving as chair of the CPS Energy
6 Board of Trustees. On behalf of the Board, I would like
7 to welcome you to this public input meeting about our
8 Flexible Path. We appreciate your participation in the
9 process.

10 Before we start, I'd like to introduce our
11 Board; our CAC (which is Citizens Advisory Council)
12 members; elected officials; and CPS Energy Senior Chiefs
13 who have joined us today. So, first, the Board members.

14 At the end there is Dr. Willis Mackey --
15 raise your hand. Mr. Ed Kelley. Dr. Homer Guevara. So
16 there are five of us on the Board. The -- the Mayor,
17 Ron Nirenberg, is the fifth, and -- and he's not able to
18 be here tonight. He has a conflict with something going
19 on at city hall.

20 We also have a -- a 15-member Citizens
21 Advisory Committee. It's comprised of individuals from
22 throughout the greater San Antonio area. They meet
23 monthly to consider major CPS Energy initiatives and
24 provide a channel for two-way communication between the
25 community and the utility. Would the members of the CAC

1 stand and be recognized as I call your names?

2 I know he's here. Klaus Weiswurm, who is
3 the chair, member at large. Klaus. Thank you. And I
4 know Robert Romeo is here, he's is our vice chair and
5 District 8 representative. And Al Rodriguez, past chair
6 and District 6 representative. Thank you, Al. Luisa
7 Casso. Lulu Avitua. Is she here? George Britton.
8 Andy Casillo -- Castillo. Roger Plasse. Joe Yakubik.
9 Allie Watters. Corina Castillo-Johnson. David Walter.
10 Mary Dennis. And Bill Day. Those are our 15 members.
11 So thank you all for being here.

12 I'd also like to recognize a couple of
13 elected officials. We've got Mayor Gabriel
14 Durand-Hollis from Hill Country Village. Thank you,
15 Mayor. And representing Councilman Rey Saldana's office
16 is Rossana Gallego.

17 All right. So let me introduce the CPS
18 Energy Senior Chiefs. Fred Bonewell, Chief Security and
19 Safety Officer; he gave us the safety briefing. If
20 you'll please stand. Felecia Ethdridge, our Chief
21 Customer Engagement Officer. Chris Eugster, our Chief
22 Operating Officer. Karen Kirwan, our Chief Information
23 Officer. And sitting to my left, Carolyn Shellman, our
24 Chief Legal and Administrative Officer.

25 This evening's public input session is

1 your opportunity to share with us your thoughts on our
2 Flexible Path.

3 In a few minutes, I'll invite registered
4 speakers to the microphone so we may hear your comments.
5 To be registered you must have filled out a form at the
6 registration table between 5:00 and 6:00. If you were
7 not able to register by 6:00 you may leave written
8 comments by completing the written comments form at the
9 registration table by 8:30 and leave your form in the
10 written comments box.

11 Now, it's my pleasure to introduce Paula
12 Gold-Williams, who is our President and CEO, and she --
13 you're going to provide an overview of the Flexible
14 Path. And please allow Ms. Gold-Williams to give her
15 presentation and hold your comments until registered
16 speakers are invited to the microphone.

17 So, Ms. Gold-Williams, welcome. Thank
18 you.

19 (Applause.)

20 MS. GOLD-WILLIAMS: Thank you. Well, hold
21 on. So they know who I am, do I have to stand behind
22 the podium?

23 All right. All right. Even better. I
24 want to be closer.

25 Thank you all so very much for coming out

1 tonight. It started to get hot, and then we heard the
2 thunderclouds come, but, nicely, the weather has
3 improved and we are really happy to see this many people
4 here tonight to hear about our Flexible Path plan. I'm
5 going to cover highlights overall about the plan. I'm
6 going to end with this, but I'm going to start with
7 this: Please, please, please know that what this is, is
8 a path forward.

9 And I have people ask me questions all the
10 time, so are we locked in? We are not locked in.
11 Flexible was operative and important because it gives us
12 the ability to take in dialogue, it gives us the ability
13 to take in input, look at new technologies as they
14 develop, and we are very excited about the horizon of
15 new technologies. It gives us the ability to keep
16 making improvements. But what we have is a path that
17 says what do we know right now. What do -- what can we
18 see technologically and still meet our objectives. And
19 so we are glad to have input; we are glad to share.

20 We have been out already doing some
21 updates to smaller groups. And additionally, if you
22 have a group that you would like us to share is tenets
23 of our plan, the framework, we would be glad to honor
24 that. We have many people in our company that are well
25 versed in it and we can do that.

1 So are you all going to help me with the
2 slides? Very good. Okay. So let's go ahead and get
3 started in the interest of time so we can hear from you.

4 I'm going to hit an overview of the topics
5 and who we are and why we're here a little bit more.
6 I'm going to talk about our current operational
7 dynamics. We're going to talk about a plan that we
8 actually put in place about ten months ago -- excuse
9 me -- ten -- ten years ago, and that plan was actually
10 our first entry point in trying to create options and
11 flexibility to not stay on the same path that we've been
12 on before. And now we're coupling it with a new update,
13 a new upgrade, that utilizes the focus on our Save for
14 Tomorrow Energy Plan and helps us think more creatively
15 about our generation portfolio and our supply.

16 So that will bring us to some slides that
17 help us talk a bit more about the Flexible Path and
18 we'll conclude with some of the outreach we even have
19 for this summer, because it is about saving energy. We
20 really want people to save and we really want to make
21 sure that that ability to save as a community actually
22 will give us more flexibility to make the best decisions
23 in the future.

24 Okay. So we think about everything in
25 terms of being here to serve you. We have been owned by

1 this community through the City of San Antonio, which,
2 basically, means you all own our company. So we've been
3 owned going on 76 years. Last year we had a 75th
4 anniversary and the biggest thing that we wanted to do
5 is celebrate our ability to make sure that we treat you
6 like customers, treat you like investors, treat you like
7 owners, because that's the way we see you and your
8 neighbors.

9 We've also been in this business, in the
10 energy business for going on 158 years. We -- we
11 have -- at one time when we originated, there were only
12 8,000 people in San Antonio, and here we are today and
13 we take our position to serve this community absolutely
14 serious. We say that we're here to serve you. And what
15 we know is, energy is an enabler -- and I'll talk more
16 about that in the future -- on the future slides, but
17 it's an enabler. It's important for us to make sure
18 that the lights always come on. No matter whether
19 you're at an event like this or at home or working on
20 your business or whatever you want to do, we make sure
21 that power is available to you all the time.

22 So we look at that and we understand a
23 couple of things that are required in our business to
24 make sure we're providing good service. It's got to be
25 reliable, we got to make sure that it's affordable and

1 that there's value for what you pay, and we've got to
2 keep focusing on giving you great service. We keep that
3 at the top of our minds and we are keeping that in terms
4 of us being able to execute a Flexible Path forward.

5 Next slide.

6 Because our compass is to think about how
7 do we actually help you do the things that you want to
8 do, live the dreams that you are trying to do -- this
9 has been a wonderful community for a very long time --
10 CPS Energy is enabling. We don't come up with the
11 businesses. We don't think about all of the new
12 strategies and all of those specific things. You and
13 the rest of our community create it and we basically are
14 here to power your dreams.

15 And if you haven't heard me talk about it,
16 when I became the CEO about two and a half years ago, I
17 thought what's the simplest way for us to think about
18 what our obligation is, our commitment, our passion; and
19 we came up with people first. We are continually
20 thinking about how do we do a better job so we can
21 better serve our customers and better serve our
22 community, and we want to engage you to make sure,
23 again, we're listening more than we're talking; but we
24 are trying to share what we're thinking about, how we're
25 looking at solutions, how we're trying to move forward

1 for our community. Because, again, it's important that
2 we -- we recognize power is 24/7/365.

3 We've got to think about it in terms of
4 making sure that we either minimize or eliminate
5 outages. We know that those are a nuisance, we know
6 that they're an inconvenience, we know how difficult
7 they are, and we're spending more and more time thinking
8 about how we're going to improve our system so we have
9 less outages.

10 We actually don't have as many as most
11 other utilities, but we know they happen. Storms. We
12 have a lot -- a lot of electrical burning of our
13 equipment when there are storms. All of that stuff
14 happens and we've got to recover quickly. So we are
15 constantly thinking about how to stay on, how to stay
16 reliable, and how to make sure that our gas is flowing
17 as well. But all of that means that we got to be
18 good -- good stewards.

19 So we focus on keeping our costs as low as
20 we can. We focus on making sure that we are not a
21 burden, and we make sure that when we create a program
22 we do our best to self-fund, and we are constantly
23 focused on saving money. Our Board -- that's one of the
24 things that they tell us constantly. Think about being
25 passionate about saving money; because saving money

1 saves you money. If -- This is your entity. Said
2 another way, like I said, you own it, you're
3 shareholders. The way we look at it is, these assets
4 are the community's assets. We take care of them, we
5 manage them, we maintain them, and we've got to make
6 sure we do it as efficiently and effectively as
7 possible. And service matters.

8 We make sure that we are thinking and
9 thinking about how we're going to change our business
10 model, and how can we ultimately do better. And we have
11 been putting more people on the phones, we have created
12 more programs, we have asked for more input so we can do
13 a better job for you.

14 Along that way, so we're focused on
15 getting our employees in place, we're getting them
16 gauged up for new learning and new -- new technologies,
17 and we're thinking about how can we be better
18 contributors and better service providers. We, again,
19 focus on taking care of your assets and then, when we do
20 invest in new assets, what's the next best dollar spent
21 on and, ultimately, can we create more programs like
22 STEP.

23 It has rebate programs, weatherization
24 programs, energy efficiency and other types of things
25 that we can do to help make your lives easier. And then

1 we've got to also make sure that we are working hard to
2 make sure that our emissions are reducing -- we do
3 understand that -- and that climate is just as important
4 to us as we know it is to you.

5 I will say that this slide will be
6 available, this set of slides will be available. We
7 will post these. We will post them in English and
8 Spanish. And we will also post questions and answers,
9 because we want to continue to make sure that we are
10 tracking what are we hearing and what are we going to do
11 about it. But -- but this is one slide that just
12 basically says the numbers mean that we are
13 aspirationally focused on getting better.

14 We have been No. 1 in the State of Texas
15 in wind and solar and we take that as a badge of honor.
16 We have been bringing up our portfolio for quite some
17 time. We have been working on economic development
18 initiatives, trying to help businesses come here and
19 bring jobs here and be an economic generator, again, for
20 the benefit of all of us.

21 You've seen this slide. Again, we have a
22 Board that is here tonight and they are -- they are very
23 much on top of challenging us, asking us to really
24 create more engagement and more interaction and really
25 thinking about the future strategically. We're very

1 happy to -- to be here with them so they can hear the
2 same messages that -- that we hear from you.

3 And, I will say, I will be going to work
4 with the Mayor -- the Mayor's going to have a live cast
5 tonight -- and we're going to sit and talk about this
6 session. So the Mayor's not here right now because of
7 his conflict, but he is very much aware of what we're
8 doing and very much interested in the feedback.

9 Our Chairman, Trustee Steen, basically
10 talked about and introduced some of our Community
11 Advisory Committee members, which you -- which you saw
12 here. We have 15. We have 10 assigned to districts.
13 And what this slide does is indicate that every single
14 council member has a CAC member, and the CAC members are
15 the liaisons between the council members and us and the
16 Board.

17 The CAC members, matter of fact, we had a
18 meeting today. They came in today. They spend eight --
19 maybe, monthly on a regular basis, and then they are
20 constantly out in the community. They spend time with
21 our people. They're thinking about some things that
22 we're thinking about and they're giving us input.
23 Extremely valuable body that helps us get a lot of
24 things done. So let's talk about our operational
25 dynamics.

1 So I like to explain that we're in every
2 aspect of the energy utility business. We generate
3 power. We transmit it in big transmission lines. We
4 move it through distribution lines; and then we deliver
5 it to homes, businesses and places for events. And
6 that's what we've done for, again, 158 years overall.
7 Primarily, it was a gas system, but -- but we grew into
8 this. The -- the --

9 The issue, one of the issues, that we have
10 is, this has been designed to be a one-way system.
11 Power just flows one way and that's the way it's always
12 been. But we recognize what's really happening is, we
13 now have an opportunity for more solutions close to the
14 home, what we call the distribution end of the business.
15 More distributed generation. More solar. More new
16 technologies. More -- more energy efficiency to reduce
17 the demand, and we welcome it actually. We know that's
18 the way to go.

19 We know that people want to find their own
20 solutions to a great degree and we need to be flexible
21 enough -- and we will be -- to allow for that, as well
22 as be able to continue to deliver power the way that
23 people want -- don't want to think about what the
24 specific solution is, we can do it either way in the
25 spectrum. So it's important to recognize we're moving

1 from a one-way to a two-way system.

2 And at the core of this -- particularly,
3 I've been at the company for 13 years. At the core of
4 this has been our generating systems. We have -- we --
5 we do. We have coal. We have nuclear. We have gas.
6 But again, we have an emerging amount of solar and wind
7 in our systems. But the way that utilities have made
8 investments in the past is to build massive amounts of
9 generation and those assets are typically expensive. We
10 found a way to make them economical. We can make a
11 billion dollars economical because we spread it over the
12 system and we bring the cost down as low as possible per
13 unit of power. But still it's been a way that we've
14 done it.

15 The issue is, those plants can last a long
16 time. They're built that way. And again, the longer a
17 plant lasts the more economical that power typically
18 gets over time, and that's the way that we've always
19 solved growth issues. If you build it, they will come.
20 And that's how, you know, year after year we were
21 planning, year after year we were planning. But we
22 recognize, again, that that's not the way it has to be
23 and we've been able to defer some investments already by
24 not automatically building a new power plant. And we'll
25 talk about that shortly.

1 But this also says -- it kind of tells a
2 story. A little bit hard to read. Again, we'll have
3 these available. But what it really says is that big
4 dark blue on this side of the -- of the chart, the big
5 dark blue space that was all coal in 2010 -- and we
6 recognized that we were too highly leveraged in one type
7 of generation. And so what you see now is a decreasing
8 amount of fossil fuel. We're about to close the D --
9 the two Deely units. They're older. They're harder to
10 keep economical. They -- We do keep them economical.
11 But over time they're harder to keep economical and so
12 it is just more effective for us -- what we did was buy
13 a newer gas power plant, a younger gas power plant, half
14 the emissions. We've improved our operational
15 investments and so we're moving to be better diversified
16 over time.

17 What you see in the -- on the 2020 graph
18 is you see an increasing amount of renewables: More
19 solar; more wind; more energy efficiency. And those are
20 going to continue to be bigger parts of our portfolio.
21 But I will tell you, here -- here's a point, in the
22 1970s we were all gas. We had no other type of -- of
23 source of energy. But when we got to a big -- a big
24 lawsuit, because gas was very volatile -- but what we
25 really learned is that it is -- does not help this

1 community to be focused on just one type of technology.
2 We need multiple types of technology. So we have
3 choices to help us keep costs down, keep them low, and
4 so this is what we -- we will continue to focus on
5 diversification and we will continue to look for new
6 ways to generate power.

7 So STEP. So what STEP is, it's again an
8 ability for us to not spend money on a power plant and
9 actually spend money to save money. So we support solar
10 rebates, we support solar credits, we support community
11 solar, energy efficiency, weatherization, and we are
12 finding that all of those things are much better
13 investments and they immediately bring demand down.

14 We have a huge, what we call, a demand
15 response program. And what that means is that we can
16 take thermostats and automate the ability to move the
17 thermostat so we can reduce how much usage this
18 community asks for. All of these things are rolling
19 through our STEP program.

20 And what this chart says, it's a better
21 investment to put money into energy efficiency than it
22 is to build a power plant. If we hadn't launched this
23 back in 2008, right now, I would tell you we would have
24 built another coal plant. That's just what our mindset
25 was. We knew that growth and demand was going to occur.

1 But what we said is, why -- why do that? Why not reduce
2 consumption as much as we -- we can, buy ourselves some
3 time, and then let new technologies come forward. At
4 the same time that we did this that's when we put in
5 more solar. We did a huge amount of solar;
6 400-megawatts. We were able to do that because we
7 weren't worried about building another power plant
8 not -- not in the future.

9 And this indicates that we continue to
10 want to talk about that. So we have people around the
11 room tonight. We continue to do, what we call, Care
12 Fairs where we'll go around town. Again, send us notes
13 if you want more information. But we are really trying
14 to talk to you about all of the programs that we have to
15 help save you money by reducing how much power you're
16 demanding every day. And it's working.

17 We have been able to aggregate the --
18 the -- the reduction of power when we need it by you all
19 working with us. You've got -- you've got to have
20 everybody at the table wanting to do it, everybody
21 wanting to move from cold to comfortable, from being too
22 hot in the -- in the winter to comfortable, and so
23 when -- if we're able to do this as a community, again,
24 we'll be able to reduce how much investment we have to
25 put in existing technologies.

1 This is just a myriad of all of the
2 different programs that are within STEP. It's
3 comprehensive. And we will continue to put programs in
4 here going forward to make sure that we're meeting the
5 needs of our community.

6 What this just says is, we look to make
7 sure that -- the point of STEP is not just to put money
8 out there. The point of STEP is to help change behavior
9 for the cost that we put in. So the way I like to
10 explain it is, our first program were light bulb
11 replacements. We moved to LED lights from CFL lights.
12 But nobody wanted them at first because they were too
13 expensive, way too expensive. So this program funded
14 the ability and we gave out a million lights and it --
15 and, by that time, technologies got better and the price
16 of lights went down and people began to buy LEDs
17 naturally. That's what we're always looking for. We're
18 looking for that point where behavior and cost meet and
19 they bring prices down and we make better decisions.

20 Do a couple of advancements. Give me --
21 give me two clicks.

22 Okay. So what this is, is, to show you
23 this is our investment in renewables right now. We have
24 plants all across the State of Texas. We have coastal
25 wind. We have central state wind. We have solar all

1 over. We have solar in our certificated area here. We
2 have small installations close to homes and we have big
3 installations. We believe that renewables are the way
4 to go. The challenge with renewables has been that it's
5 still -- they still depend on weather a lot. What's
6 going to change that is energy storage or some other
7 technology that, maybe, we don't even know about. And
8 when we do, it's going to upend the efficiency of the
9 renewables and it's really going to be a game changer.
10 And we expect that to happen and we make a -- spend a
11 lot of time looking at the development of new
12 technologies so we'll be able to take advantage of that
13 as they get developed.

14 Again, I want to indicate we have been on
15 a -- on a program for a very long time. This is not the
16 beginning, it's kind of just the next step, because we
17 have decided we're going to coal -- close coal plants
18 and, you know, reduce the emissions by half. We're
19 going to reduce and improve the fossil fuel quality. If
20 we have to use it, we'll do the quality, we'll put on
21 the best emissions in our plants, we'll put more money
22 into renewables. We did, again, 400-megawatts. At the
23 time when we did the 400-megawatts of solar, nobody on
24 the globe had done a project that big and it was a huge
25 game changer for everyone.

1 So that means that we've been able to do a
2 lot of effective things to so far reduce our emissions
3 significantly, increase our renewables, reduce all types
4 of implications that come along with fossil fuel
5 generation, and now we're putting in new technologies.
6 We've got more air sensors. We're working on the
7 Climate Adaptation Plan. We're looking how can we work
8 with -- with the transportation issues, as well as the
9 energy issues, how can we look at everything
10 comprehensively and make progress along the way, and
11 we're on the path to making progress.

12 What this slide says then, again, right
13 now, the reason why we've been able to put renewables in
14 so effectively is because we have well-performing
15 thermal power plants. That -- that's just the truth.
16 And because we knew that we were bringing those costs
17 down over time, we've been able to put in a significant
18 amount of renewables; and that's helped us, but we're
19 looking at new technologies now.

20 Again, we're looking at energy storage,
21 battery storage, any type of new chemistry that might be
22 the right chemistry for us; because we think that's a
23 better partnership with renewables than we have with
24 thermal plants. It's not done. There's a lot more
25 technology, a lot more research, a lot more

1 standardization that has to come forward to make the
2 price point right to make sure that we are being careful
3 with your money.

4 So the -- the -- the Flexible Path sets
5 goals, but there is -- they're inherent. They say this
6 is what we can do with what we know now. That's what it
7 says. But please know that we believe our community,
8 particularly through our owner and you, we should be
9 thinking about aspirationally what our goals can be.
10 And when those goals are set, CPS's responsibility is to
11 manage to get to those goals, but we -- we -- we are a
12 bunch of engineers and analysts and so we have to figure
13 out how to really get it done. It can't just be
14 aspirational. It's got to be what can we do now and how
15 can we make it as affordable and quick as possible. So
16 we're on a journey. That's what the Flexible Path is.
17 How do we move from specific abilities to aspirational
18 goals, and that's our responsibility and that's what
19 we'll move forward and we are listening.

20 And so I will tell you about one project.
21 We are working with Southwest Research Institute. We're
22 about to put in a new battery storage project right
23 along their campus. That's really critical because it
24 will allow us to -- to put that technology in there. We
25 were able to get a grant that brought down the price of

1 that and it's making it very economical. It's only
2 about 10-megawatts of a one-hour battery that can be
3 converted to 5-megawatts of a two-hour battery, but
4 it'll help us make another good step forward in finding
5 a way to really put more technology into our systems.

6 So here's the -- here's the slide that
7 really has caused probably a lot of frustration. And
8 what it basically does is, it shows where we were in
9 2010, and what I want to highlight for you is, in 2010
10 we had a whole lot -- a whole lot of gas and coal. The
11 gray and the dark blue. Nuclear continues to get more
12 and more efficient but, as we grow, we're not expanding
13 into anymore nuclear. I know I'm going to get that
14 question. No more nuclear. But we do have fossil --
15 fossil generation in 2010. But when you get out to
16 2040, with what we know today, what we see is, you would
17 still have nuclear, you do still have some element of
18 coal and gas now, because that's what we can see. We
19 don't have a replacement today. But we know that we are
20 listening for what can we do in the future and that's
21 our journey. But, significantly, 70 percent of our
22 portfolio will either be some type of renewable energy
23 storage or advance tech; and if you think about
24 non-emitting, 80 percent of it with nuclear will now be
25 non-emitting. That's an advancement forward.

1 Again, we understand that the goal would
2 be no emissions. And we are -- we are open to that, but
3 again, this is our first view of what would it look
4 like. The substantial part of this, again, is this is
5 extremely different. Five years ago this would have all
6 been -- if you see that -- that second to the last arm,
7 look how much blue and -- and gray we would have had if
8 we had stayed on that original path. And we're not on
9 the path anymore. So strategically we've made a huge
10 shift to get there and that's our -- one of our first
11 steps as we move forward into the future.

12 This is just another way to look at it.
13 This kind of shows the journey. But again, that --
14 that -- look at the center on the far right-hand side
15 and look how significant the blue is. That was what we
16 were going to do with gas. We won't need to do that
17 under the Flexible Path just with the technologies we
18 know now. And again, we have a future that says we can
19 do other things as well.

20 This is a graph that shows the reduction
21 in our emissions: Carbon, SOx and NOx. We have
22 significantly brought them down already. We will bring
23 them down again when the Deely plants close. The
24 Flexible Path takes our emissions down further, and
25 please understand, we will continue to look for new ways

1 to reduce emissions from our -- our plants.

2 And we are working with the city to think
3 about, again, how can we help transportation, how can
4 all of us help transportation. That is actually a huge
5 driver of emissions. We're going to do what we need to
6 do and we're going to help overall in all the solutions
7 that we have going forward. Again, what this basically
8 says is, we have a constant process. So we'll be out
9 regularly.

10 We'll be out every year telling you what's
11 the latest, what does the plan look like, and we have a
12 process that basically says just keep challenging
13 ourselves, keep listening, keep researching, keep
14 looking at the new thought leadership. When we do that
15 we will get better and better over time; because we have
16 a path where we really want to meet all the needs of
17 this community and do the right thing.

18 And so this is kind of our visual about
19 what life would look like if we could solve some of the
20 generation issues that we have today.

21 Okay. Almost there. So, again, what I
22 wanted to show you with this slide, this is all the
23 outreach we've done. The smaller groups around town
24 already.

25 Keep going.

1 We are -- we are right here. This is the
2 continuation of that.

3 And then one more.

4 This is where we are today. The top of
5 the list is this -- this meeting, and we will continue
6 to schedule meetings to, again, share where we are and
7 what we're interested in and getting your feedback.

8 And at the same time, we're about to go
9 into a really hot summer; I think you've heard it.
10 There has been a lot of plant closures in the ERCOT
11 market and so there has been a lot of pressure to focus
12 on how to be really, really available with a lot of
13 power across the state. We have done all our
14 maintenance. We have been tooling up everything. We're
15 ready. Summers are really difficult. So you will hear
16 more, and tonight I'm here to say we need your help.

17 Please think about conservation this
18 summer. Please watch your advisory notices. Please
19 sign up for our programs. Again, if we can keep our
20 conservation controlled, it will be better for us,
21 better for our community and better for our state.

22 And these are some of the outreach things
23 that we've done on this program just so far.

24 So, in closing, as we're about to hear
25 from you -- and thank you, again, for coming out

1 tonight -- we're committed to listening. This
2 management team out -- I'm going to ask real quick. Can
3 all of the CPS Energy people stand up? It's probably a
4 lot. Okay. So probably two to one here. Okay. Thank
5 you so much.

6 The point of that is, these people are
7 your liaisons. If you see us and you want to ask us
8 questions and you want to engage us in conversation,
9 maybe we won't have all of the exact answers right away,
10 but we want to hear from you. So stop any of us to say,
11 have you thought about that, what do you think, we want
12 to hear more, we think you can really pursue some other
13 options. All of those things. Please share your
14 thoughts with any of us.

15 We will make improvements as we can. We
16 will continue to be good cost stewards, and we'll tell
17 you about how much things cost, as we are thinking about
18 those investments, and we will keep our Flexible Path
19 flexible.

20 So with that, thank you so much for being
21 here tonight. I will get out of your way and I am
22 listening very intensely. Thank you.

23 (Applause.)

24 CHAIRMAN STEEN: Thank you, Madam
25 President.

1 I should have asked this earlier, can --
2 can you all hear? Back in the room is everybody hearing
3 fine? Those of y'all standing against the wall back
4 there, raise your hand. Can you hear good? Are things
5 good? And also we've got -- we've got seats. If any of
6 y'all would like to sit down, don't feel like you have
7 to stand up.

8 I'll explain the guidelines we'll use for
9 the evening's public input meeting and, bear with me,
10 I'm going to go through these.

11 Each person interested in speaking must
12 have a completed speaker's form at the registration
13 table by 6:00 p.m. We have 46 attendees signed up to
14 speak and the maximum time limit per speaker will be two
15 minutes. A registered speaker may cede his or her time
16 to another speaker, but no speaker may speak more -- for
17 more than two other registered speakers. Only one
18 appearance per speaker will be permitted. A digital
19 timer will be displayed on the screen to alert speakers
20 to their time remaining. After the allotted time has
21 expired, the speaker will have five seconds to wrap up.

22 I will call a speaker's name three times.
23 If there's no response, the person will forfeit his or
24 her opportunity to speak and the next speaker will be
25 called. After I call the current speaker's name, I will

1 also call the names of the two -- next two speakers and
2 they may move up to reserve seats in front.

3 Where are those seats? Where are the
4 seats in front? Right here.

5 UNIDENTIFIED SPEAKER: Right here.

6 CHAIRMAN STEEN: All speakers are asked to
7 introduce themselves to the Board and -- when they step
8 up to the microphone and -- and also let us know if
9 you're representing a group or organization. If a
10 registered speaker is using time for other registered
11 speakers, please also provide their names in addition to
12 your name.

13 There will be no signs or props other than
14 the CPS Energy displays that any speaker may use to
15 illustrate a point. Carrying personal signs or props
16 could block the view of the audience. Sound machines
17 and blow horns are also prohibited.

18 Please be courteous so that we can hear
19 each speaker without interruption. Speakers' time is
20 limited and any applause or talking from the audience
21 will interfere with that allotted time.

22 If you have comments but prefer not to
23 speak, you may put your thoughts in writing by
24 completing a written comments form available at the
25 registration table. No person attending this event may

1 delay, interrupt or disrupt the meeting or refuse to
2 allow a request from the Board chair. Attendees will
3 remain seated except for the person speaking at the
4 microphone and registered speakers moving to the staging
5 area.

6 Please note that the meeting is scheduled
7 to end at 8:30. If, for any reason, you do not get the
8 opportunity to convey all -- all of your input, we'll
9 accept written comments through this evening --
10 throughout this evening. You may also put your thoughts
11 in writing on a comment card and place it in the
12 comments box located at the registration table.

13 Okay. We're now ready to begin hearing
14 from our registered speakers.

15 The first speaker is Dr. James Spickard,
16 and then -- I'm thinking of my baseball -- on deck is
17 Dr. Meredith McGuire -- is this right, Dr. Guevara? And
18 then in the hole --

19 VICE CHAIR GUEVARA: In the hole.

20 CHAIRMAN STEEN: -- is Reverend Sylvia
21 Vasquez.

22 DR. J. SPICKARD: Good evening. I'm
23 Dr. James Spickard. I teach environmental studies and
24 sociology --

25 UNIDENTIFIED SPEAKER: Dr. Spickard, is

1 the mic on?

2 UNIDENTIFIED SPEAKER: It's not on.

3 DR. J. SPICKARD: It's not.

4 UNIDENTIFIED SPEAKER: There it is.

5 DR. J. SPICKARD: It's -- is it okay?

6 CHAIRMAN STEEN: Yes, sir. And you all in
7 the back raise your hand if you can't hear.

8 Go ahead.

9 MR. J. SPICKARD: All right. I'm
10 Dr. James Spickard. I teach environmental studies and
11 sociology at the University of Redlands.

12 My concern is that we transition from
13 fossil fuels as rapidly as possible, and so I wanted to
14 make four very concrete suggestions that I did not see
15 thoroughly in the plan. All of them have to do with
16 current technology, two of them I know that utilities
17 have been doing for 30 years.

18 One of them involves identify all of the
19 industrial processes in the city that generate waste
20 heat, working with those industries to set up
21 co-generation so that they can generate electricity out
22 of that; and the extra electricity that is generated
23 there they then sell that to -- to CPS at the two cents
24 per kilowatt hour that we have sold -- sell our excess
25 to you.

1 The second is something Los Angeles has
2 been doing since the early 1990s. You put a little
3 device on someone's air conditioner and every so often
4 when we get a high -- one of those high-use days they
5 can raise the -- they -- they can -- they can lower the
6 efficiency or, you know, lower that air conditioner so
7 it does not draw as much juice. Los Angeles was able to
8 avoid brown outs by doing that. We could figure out a
9 way to save peak energy at that point.

10 Third, CPS works with industries that they
11 want to bring to the -- to the city. And when you do so
12 often you provide some kind of -- some subsidy for them,
13 as a trade, work with them to install solar on each of
14 their buildings and then take the extra energy.

15 And then fourth, work with the city
16 housing authorities to go into the neighborhoods where
17 we are already subsidizing low-income people, help
18 retrofit their houses so that they can -- what needs
19 the -- the least solar and they can benefit and we can
20 benefit simultaneously. Thank you.

21 CHAIRMAN STEEN: Thank you.

22 (Applause.)

23 CHAIRMAN STEEN: Our next speaker is
24 Dr. Meredith McGuire.

25 DR. M. McGUIRE: I have been offered

1 minutes from Sylvia -- What's your last name?

2 REV. S. VASQUEZ: Sylvia Vasquez.

3 DR. M. McGUIRE: Sylvia Vasquez.

4 CHAIRMAN STEEN: So, Reverend Vasquez,
5 you're ceding your time to Dr. Meredith McGuire?

6 REV. S. VASQUEZ: McGuire, yes.

7 CHAIRMAN STEEN: Yes, ma'am. Okay.

8 DR. M. McGUIRE: Thank you.

9 CHAIRMAN STEEN: And then do I want to
10 call up Kimberly Britton; is that right? And Ernie
11 Martinez.

12 And go ahead, Doctor.

13 DR. M. McGUIRE: My name is Meredith
14 McGuire. I'm a professor at Trinity University and I'm
15 co-Chair of the Conservation Committee for the Alamo
16 Sierra Club.

17 Thank you very much for this opportunity
18 to speak about CPS Energy's resource planning. It's
19 clear that the old model, based on large-scale
20 generation, is obsolete and I'm very pleased that CPS is
21 working on a better model. Unfortunately, CPS is also
22 stuck paying off the bond debt for inflexible decisions
23 made a decade or more ago to build huge, coal-fired
24 power plants that weren't actually needed, because the
25 total demand stayed flat even after that Spruce 2 was

1 completed, so the so-called Flexible Path proposes to
2 keep that plant running through 2040 or beyond.

3 I urge you to close all coal-fired power
4 plants as soon as possible, because we cannot afford the
5 real total cost of energy produced from coal. Those are
6 costs that -- the costs of harm to health, the cost of
7 damage to the environment. Those real costs are not
8 about price points. They're about the enormous harm to
9 our community caused by high levels of air pollution and
10 greenhouse gases. CPS Energy's fossil-fueled power
11 plants are significant sources of both of those
12 scourges.

13 The people of San Antonio should not have
14 to pay for coal-fueled air pollution with their health
15 and their very lives. Too many children are suffering
16 from asthma. Too many heart attacks and strokes are
17 being triggered by ozone and particulate matter. Those
18 are preventable.

19 Fossil fuel is also a major source of
20 greenhouse gas emissions and San Antonio is especially
21 at risk due to heatwaves, drought and flooding. Climate
22 impacts our region will be -- in our region will be
23 serious enough to hurt our economy. If we want to make
24 San Antonio climate ready, we must make the transition
25 to renewable energy as quickly as possible. That is the

1 path forward.

2 I urge you to lead in -- also in addition
3 to all of the other good, leading the -- that CPS Energy
4 has done, I urge you to lead also in closing those
5 obsolete polluting plants as quickly as possible in the
6 next decade. A healthy San Antonio economy requires
7 healthy San Antonians. Thank you.

8 (Applause.)

9 CHAIRMAN STEEN: Thank you, Doctor.

10 The next speaker is Kimberly Britton; and
11 then we've got Ernie Martinez; and then please -- Alan
12 Montemayor please come forward.

13 MS. K. BRITTON: Hi. Good evening.
14 Kimberly Britton. I'm the CEO of Epicenter. And for
15 anyone who is not familiar, Epicenter is a nonprofit
16 that is charged with transforming the Old Mission Road
17 power plant just south of downtown San Antonio and
18 turning it into a new energy innovation center; and as
19 CEO for an energy innovation organization like
20 Epicenter, I have the advantage of a front row seat to
21 innovation in this sector.

22 It is true that energy technology is
23 advancing at exponential rates and the way we get our
24 energy in the future will look quite different than it
25 does now.

1 That said, even for the savviest among us,
2 anyone would be hard pressed to predict exactly when the
3 advancements like solar plus storage will catch up with
4 the reliability and scale of current power plant assets.
5 That is why I find the CPS Energy Flexible Path plan
6 both prudent and forward thinking. It considers the
7 mandate for reliability while allowing it to be a nimble
8 institution that can take advantage of developments not
9 yet conceived.

10 Moreover, I applaud CPS Energy's openness
11 and transparency in engaging in this public dialogue
12 with the community. Thank you.

13 (Applause.)

14 CHAIRMAN STEEN: Thank you, Ms. Britton.

15 Now, I'll call for Ernie Martinez; and
16 then we'd like Shaun Kennedy to come forward.

17 Yes, sir. Go ahead.

18 MR. S. MARTINEZ: Good evening. Ernie
19 Martinez, partner with H2 Development Corporation and
20 Area Blanca.

21 So San Antonio is now home. I went to
22 visit my mother and she said, He is only visiting and he
23 will be here for five days then he is going home. So
24 that means, to me, I am officially a San Antonian, and
25 one thing that's very important -- that my daughter was

1 born here and I don't need to wait for silicon valley
2 anymore to tell us what technology we need to bring to
3 market, because of my passion and what brought me to --
4 to San Antonio. RackSpace.

5 I left RackSpace to go to green energy
6 renewables. We have a solar company, Area Blanca, and
7 we have now partnered and have been working with
8 hydrogen development, hydrogen refineries, as an
9 alternative fuel sources as well as an alternative
10 method for storing energy, and the one thing that I
11 would implore, as part of the 5 percent storage, to take
12 a look at hydrogen storage as an alternate method for
13 storing power not just simply lithium ion batteries,
14 especially when you look at the life cycle of that
15 battery and the cost to continuously replace the lithium
16 ion.

17 And second, you look at the flex, the
18 60 percent flex of -- that you have planned to also look
19 at hydrogen as being infused with natural gas so that
20 you then optimize the kilojoules that you would deliver
21 per that line and now you can optimize and actually get
22 longevity of the natural gas delivery as well, and so
23 with that, I would say, when you look at battery
24 technology -- the \$10 million in one megawatt of price
25 point.

1 Toyota headquarters has moved to Plano and
2 they created the Mirai, the hydrogen fuel cell car, that
3 is now being rolled out in California, New York, New
4 Jersey. Ten Mirais can make and -- actually, ten Mirai
5 fuel cells can deliver 1.2 megawatts of battery storage.
6 The price for those ten meg- -- for that 1.2 megawatt of
7 energy storage will cost \$600,000 and that's if you buy
8 the car and strip out fuel cell batteries. So if you
9 look, we have Toyota in our neighborhood, and we have
10 the technology being delivered and engineered, so let's
11 look at -- to our neighbors to optimize. Thank you.

12 (Applause.)

13 CHAIRMAN STEEN: Thank you, Mr. Martinez.

14 I call for Alan Montemayor; and then also
15 to have Chris Thiel come forward.

16 MR. A. MONTEMAYOR: Hello. My name is
17 Alan Montemayor. Thank you for the opportunity to speak
18 with you today. I'll be very brief because there's a
19 lot of people who want to speak.

20 I stand behind the people here who want to
21 see CPS Energy move more toward renewables and away from
22 fossil fuel; however, I'm not going to speak about that
23 tonight. I'm going to ask you for three things, three
24 specific things.

25 The first is, I want to see more

1 cooperation between CPS Energy and SAWS. Pursuant to
2 that, I would love to see CPS Energy and SAWS put a
3 large solar farm out at the H -- at the SAWS H2Oaks
4 facility and -- it's a great use of energy out there.
5 It's designed for the -- to educate the public, and they
6 have deionized water, which could be sprayed on the back
7 of the panels to increase the efficiency of that overall
8 system. I have a one-page flier here which I would love
9 to give to each and every Board member if that's
10 possible. So I'm not going to belabor the point. I'm
11 going to move on to my next point.

12 I drive an electric vehicle. I'm wearing
13 my electric vehicle shirt tonight. I would to love see
14 CPS Energy quickly move forward with the adoption of
15 electric vehicles in their fleet and other fleets, and
16 adopt rules and regulations that increase the number of
17 charging ports in San Antonio and, also, make it
18 possible for people to charge at night when it would be
19 beneficial to CPS Energy and beneficial for them.

20 The third thing that I want to ask you is,
21 I would love to see more input like this. I would like
22 to see a citizens to be heard at each and every CPS
23 Energy Board meeting. If the Citizens Advisory
24 Committee is designed to take input from the citizens,
25 it -- it does not work. It's deeply flawed. So I would

1 love to also see the Citizens Advisory Committee
2 meetings be open to the public, which they are currently
3 not.

4 And I really appreciate you guys taking
5 the time to listen to us tonight. Thank you so much.

6 (Applause.)

7 CHAIRMAN STEEN: Thank you,
8 Mr. Montemayor.

9 So I'll call to the microphone Shaun
10 Kennedy; and then Paul Martinez Senior please come
11 forward.

12 MR. S. KENNEDY: Good evening. My name is
13 Shaun Kennedy and I serve as the 2018 chair of the San
14 Antonio Chamber of Commerce. My day job is, I'm the
15 regional chairman for Texas Capital Bank.

16 I'm here today to speak on behalf of our
17 chamber membership in support of the CPS Flexible Path
18 plan and what you've laid out for us this evening on the
19 strategic plan; and I also want to say that we applaud
20 the progress that CPS has made over the last several
21 years in reducing emissions and also improving
22 efficiency.

23 Our chamber began the process of sharing
24 the CPS strategy and the Flexible Path plan with our
25 Board and our membership when we requested CPS to come

1 and speak to our Energy Committee in April of this year.
2 I'm pleased to report that following that, CPS will
3 actually be coming to our full Board meeting at the end
4 of this month to share a presentation similar to what we
5 have heard tonight.

6 CPS has presented that plan and we have
7 embraced what we have heard. The chamber is committed
8 to supporting the long-term cost-effective energy
9 sources and policies that promote sustainability and
10 economic growth to our community. Our chamber has over
11 2,000 members representing over 500,000 employees in
12 this community and all of us are concerned about our
13 energy efficiency, our energy cost and our energy
14 reliability. We believe the Flexible Path is
15 reasonable, reliable and cost effective, and those are
16 three key factors in remaining competitive not only in
17 retaining businesses but in recruiting new businesses to
18 San Antonio.

19 The chamber has a long and -- and
20 strong-standing partnership with CPS and we appreciate
21 the efforts to engage the business community and, also,
22 the community at large like we're seeing tonight in
23 these types of discussions.

24 We applaud CPS, the Board, and also its
25 leadership for their environmental stewardship and their

1 commitment to sustainability. Thank you for giving us
2 the opportunity.

3 CHAIRMAN STEEN: Thank you, Mr. Kennedy.

4 (Applause.)

5 CHAIRMAN STEEN: I call to the microphone
6 Chris Thiel; and then we want to have Russell Seal come
7 forward.

8 MR. C. THIEL: Hello. My name is Chris
9 Thiel. I am the current chair of the North San Antonio
10 Chamber of Commerce and CFO for Alterman, Inc. here in
11 San Antonio, and, as a business leader, I understand the
12 need to deal with previous decisions that were the best
13 options at the time, but circumstances have changed and
14 will continue to change. The Flexible Path -- the
15 Flexible Path plan that you've set forward is a
16 socially -- socially responsible and cost-conscious plan
17 that we all can deal with.

18 Power is an economic driver with -- along
19 with water and workforce, and this plan gives us the
20 opportunity to be flexible and take advantage of changes
21 that we cannot even understand at this point. It also
22 allows us to take advantage of the fiscal environment
23 that is happening in other states who have not had the
24 flexibility to deal with their problems, much like
25 getting much of incoming workforce and jobs from

1 California and other places, who are not fiscally
2 responsible, as they chase their need and desire to be
3 socially responsible.

4 So, as Chairman of the North Chamber, I
5 just want to offer you the San Antonio -- North San
6 Antonio Chamber's unanimous support and we look forward
7 to future collaboration with you.

8 (Applause.)

9 CHAIRMAN STEEN: Thank you, Mr. Thiel.
10 Call forward Paul Martinez Senior; and
11 then I need Dr. Carlos Garcia to come forward.

12 MR. R. MARTINEZ: Yeah. The name correct
13 is Raul Martinez, Jr.

14 CHAIRMAN STEEN: I'm sorry. It's Raul
15 Martinez.

16 MR. R. MARTINEZ: That's okay. Hello,
17 Board, nice to meet you.

18 I'm here to talk about hydrogen. I don't
19 have a lot of time, but as my -- my brother mentioned a
20 little bit about -- about hydrogen, we have a company
21 called H2 Development Corporation, and we plan on
22 building a hydrogen refinery here in Texas.

23 We have found the land, we are going
24 through land clearance, and it really ties into what CPS
25 is doing with renewables.

1 At one point X amount of investment in sun
2 and in wind will -- you'll have over production, and
3 you've got to store that energy somehow and there's only
4 a few options for storage. Hydrogen is a very viable
5 storage system. It's been proven. There are plants
6 being deployed in Australia, Europe, Africa for using as
7 a renewable and then returning it back as an energy
8 source, and the energy source would be using a system
9 called a dynamic combustion chamber.

10 This is the hydrogen with the oxygen being
11 reinjected into a vacuum, bring it up to 5,000 degree
12 steam, that would produce an energy train of steam for a
13 steam turbine turning a generator and that would
14 reinfuse the energy back into the system.

15 So if anybody wants to know more details
16 about this, they can download the entire white papers
17 from our website, H2Dev, that's H2devco, dot, com.
18 We're here to help in any way we can. If anybody has
19 any questions afterwards, I'm available. Thank you.

20 (Applause.)

21 CHAIRMAN STEEN: Thank you, Mr. Martinez.

22 I now call forward Russell Seal to the
23 mic; and then if -- if Michael Frye would come forward.

24 MR. M. SEAL: And I'm going to take the
25 minutes from Karen Seal.

1 CHAIRMAN STEEN: Yes, sir. I meant to say
2 that. So you -- you've got time that was ceded by Karen
3 Seal, so you've got four minutes.

4 MR. M. SEAL: Thank you very much for
5 meeting with the public environmental stakeholders.

6 Again, my name is Russell Seal. I am a
7 retired pharmacist and I have been actively an activist
8 with the Alamo group Sierra Club since, I guess, about
9 2006 and we have come a long, long way since then. I
10 really appreciate our meeting with the CPS Energy
11 leadership over this very many years now and I hope that
12 we have regular meetings with the Board in the future.

13 We really applaud a lot of these visions
14 and the recognition that climate change is real and we
15 have to do something about it and that we have an ozone
16 problem in San Antonio and we have to get a lot more
17 done about it. And a lot of these are very good first
18 steps, but we can do a lot better.

19 One of the things that hasn't been
20 mentioned is time of use. People have to recognize --
21 our customers, our population need to understand that
22 all of our energy at the time of -- one time of the day
23 is not the same as the other. We do not need to wait
24 any longer to get time of use rate structures adopted.
25 Y'all can get this process started this year.

1 That is the key to get the public
2 educated, to get the price signals, the price points
3 into knowing that the sun is not providing power at six
4 o'clock and seven o'clock in the evening. The wind
5 doesn't kick in at night and the wind is virtually free
6 during the nighttime. And as Dr. Eugster has pointed
7 out, maybe, we should be giving away energy free at
8 nights and weekends and then having premium pricing at
9 other times. We don't need to wait.

10 We can get these fossil fuel plants shut
11 down and stop paying the high maintenance costs, and
12 bringing coal in from across the country much, much
13 quicker than what this is -- what has been proposed. If
14 we're not, we can't run the Spruce 1 without the
15 technology to get the nitrogen oxide SCRs on those
16 plants, you're going to have to spend that
17 \$100 million -- 130 -- \$130 million to put that
18 technology on it if you're going to continue to use it
19 as you promised it to the community.

20 When you built Spruce 2 y'all made the
21 promise that you were going to put in control
22 technologies on Spruce 1. We've abdicated, please don't
23 do that, don't spend more money on this old technology.
24 It's our position that you -- we can figure out a way to
25 shut them down sooner. If you're going to go forward

1 with these, you're going to have spend that money on it.
2 So please educate the public. All of our energy is not
3 the same. We can do this now. The public will embrace
4 this, I'm very confident, with the Nest thermostats, the
5 smart thermostats. This building is too cold. I'm --
6 every -- How many people are cold in here?

7 (Applause.)

8 Buildings need to know when people are
9 coming in. Our commercial sector -- much, much more
10 needs to be done on this. Every time somebody has a
11 conference or meeting, these commercial buildings or
12 stores or empty buildings that are too hot, there are
13 huge opportunities there, and we cannot neglect our most
14 vulnerable populations.

15 As a pharmacist on Marbach and Military
16 for 20 years, I saw the impact on our air quality, on
17 our ozone, what it does. It's a real problem we have to
18 address. CPS Energy is not the only producer of NOx,
19 which you all are known to that, but they can be the
20 leader in getting it down with all of the other things
21 that are proposed, and the key to getting it started is
22 time of use. Please adopt it now.

23 (Applause.)

24 CHAIRMAN STEEN: Thank you, Mr. Seal.

25 Call forward Dr. Carlos Garcia; and ask

1 Dennis Roberts to come forward.

2 DR. C. GARCIA: Yes. Thank you very much.
3 My name is Carlos Garcia. I'm the Dean of the School
4 Mathematic Science & Engineering at the University of
5 the Incarnate Word, but, more importantly, I'm also a
6 member of the San Antonio Climate Ready group.

7 So I want to make sure that -- I'm very
8 happy to see that a lot of members of that group are
9 here; it's nice to see them all present here. It's also
10 very nice to see the members of the Steering Committee,
11 I mean, it's good to see them here. I think it's
12 important that they're here and that they take -- take
13 the opportunity to provide input. But I also wanted to
14 thank CPS for funding that SA Climate Ready group. It's
15 an important group. It's -- it's working hard to get
16 the job done. Mr. Doug Melnick, he's in the back, Lisa
17 Lin, have kept us on -- on track and I think that
18 we're -- we're going to accomplish our goals.

19 I also wanted to mention a very exciting
20 project that we've coordinated with -- in a partnership
21 with CPS Energy. It has to do with deploying these very
22 sophisticated pollution sensors throughout the city.
23 Data's important to us. We want to make sure that we
24 know exactly where ozone particulate matter, volatile
25 organic compounds, all of the NOx and COx, and all of

1 the other pollutants that contribute to unhealthy
2 conditions in our city, that we're able to deploy them
3 all over the city, and that we're able to then build
4 these sensors so that they're able to capture and give
5 us some very accurate readings of where exactly air
6 pollution is located in our community. So I wanted to
7 mention that also this afternoon, and it's a very good,
8 strong partnership with CPS Energy, that we're able to
9 build those -- those ozone and pollution monitors now.

10 The students at UIW Department of
11 Engineering. Engineering have called that project the
12 Project Icarus. I mean, if any of you are familiar with
13 Icarus, it's the mythological Greek individual who
14 decided he was going to fly with feathers and then he
15 got too close to the sun.

16 So Dr. Michael Frye, an associate
17 professor of electrical engineering is going to follow;
18 he's going to talk about another exciting project.

19 Thank you.

20 CHAIRMAN STEEN: Thank you, Doctor.

21 (Applause.)

22 CHAIRMAN STEEN: Call Michael Frye
23 forward; then we'd like Beto DeLeon to come forward.

24 DR. M. FRYE: Good evening. My name is
25 Michael Frye. I am the associate professor of

1 engineering at the University of Incarnate Word and I
2 just wanted to take a little time today to highlight
3 some of the ongoing work that we have at my research
4 lab. It's the Autonomous Vehicle Systems lab and we're
5 investigating the use of artificial intelligence and
6 data analytics to help, basically, automate robots.

7 One ongoing project that we have with CPS
8 Energy is a very exciting program for us where we're
9 designating the use of drones for power line
10 inspections. And what's unique about the project is the
11 fact that we're actually training undergraduate
12 engineers and scientists to basically learn how to fly
13 drones outside, working with the safety protocol of CPS,
14 and investigate how we can utilize that technology with
15 CPS to, say, automate and make the inspection process a
16 little more efficient. We're really excited about the
17 project.

18 We just really want to applaud the -- the
19 support and the ongoing partnership with CPS, because we
20 are basically addressing one of the really important San
21 Antonio questions about the scale pipeline, so we're
22 actually engaging the community, a lot of the students
23 coming in from the local school districts to UIW,
24 getting them working on projects of local and national
25 need, and we've been very happy with the ongoing

1 partnership.

2 Additionally, I'd just like to highlight
3 that -- the additional support of CPS for one of our
4 middle school stem programs, a -- a camp that we have
5 going on, this is the second of eight weeks and we're --
6 it's, basically, a free camp for girls -- again,
7 addressing a local community need of increasing the role
8 of girls in both science and engineering -- and we just
9 really want to thank and applaud the enthusiastic
10 support from CPS Energy for both of those projects. So
11 thank you very much.

12 (Applause.)

13 CHAIRMAN STEEN: Thank you, Mr. Frye.

14 I'll call to the mic Dennis Roberts; and
15 call for Richard Perez. So I -- we've got a Dennis
16 Roberts signed up. Okay. Speak now.

17 All right. Then we'll move on to Beto
18 DeLeon; and -- and then I'll call forward Nancy Howard.

19 MR. B. DELEON: Good evening. My name's
20 Beto DeLeon and I'm the environmental justice
21 coordinator for Southwest Workers Union.

22 I just wanted to express some of my
23 concerns about the Flex Path plan by CPS Energy and its
24 continued use of coal and natural gas. I'm speaking out
25 today because our community does not have time to wait

1 for better solutions down the road.

2 My family, friends and neighbors on the
3 west and south sides continue to share their fears and
4 struggles with asthma and cancer scares all while living
5 in the shadow of the J.T. Deely coal plant and also the
6 former Kelly Air Force Base area.

7 If we're looking at a better future we
8 have to make sure that the weight of dirty energy is not
9 being carried by any one neighborhood. We should be the
10 leader in divesting from fossil fuels, utilizing all
11 opportunities to plan the strate- -- new energy
12 strategies with the support of City Council, public
13 utilities and community organizations to make San
14 Antonio healthier for everyone.

15 As we continue to gather information and
16 stories from our neighbors as community organizers, we
17 ask that we -- for sustainable renewable energy goals
18 such as coal free by 2025 and fossil fuel free by 2030.
19 Our families, our community, and our city deserve
20 better. Thank you.

21 (Applause.)

22 CHAIRMAN STEEN: Thank you, Mr. DeLeon.

23 Call forward Richard Perez; and -- and
24 then ask to come forward Maria Ramos.

25 MR. R. PEREZ: Chairman Steen, and members

1 of the CPS Energy Board of Trustees, my name is Richard
2 Perez. I am president and CEO of the San Antonio
3 Chamber of Commerce and I'd like to echo the comments of
4 my Chairman of the Board, Shaun Kennedy. The chamber is
5 very supportive of this Flex Path plan. The
6 presentation was very well done and I think makes a ton
7 of sense; and I think if you just look back at where our
8 city was 10 years ago, 15 years ago, if you recall, I
9 was on the San Antonio City Council and, at that time,
10 we were really focused on nuclear energy and all of the
11 benefits that nuclear was bringing to our city at the
12 time. However, things have changed. Disruptive
13 technologies are changing our lives by the moment. And
14 so flexibility has to be a key component to our path
15 forward, which is exactly what you presented.

16 So we believe that our Board of Directors
17 will be very supportive of the path going forward. At
18 this point, we have no -- we've heard nothing to give us
19 pause but a lot to celebrate.

20 And remind -- I'd like to remind everybody
21 here in this audience that, as a result of the excellent
22 running of CPS Energy, a third of the city's general
23 fund comes from the revenues that you all provide to the
24 city: That is policemen, that's firemen, that's roads,
25 that's parks. Those are the things that enhance the

1 quality of our life. So we want to say that we're
2 excited, we're looking forward to the dialogue and
3 looking forward to supporting this path going forward.
4 Thank you.

5 (Applause.)

6 CHAIRMAN STEEN: Thank you, Mr. Perez.

7 So I'll call to the mic Nancy Howard; and
8 call for Isaac Garcia.

9 MS. N. HOWARD: My name is Nancy Howard
10 and I'm a technical recruiter. I've been a technical
11 recruiter for many, many years and I work with
12 organizations really throughout San Antonio.

13 I noticed that in 2025 Austin will be
14 55 percent renewable energy, and as a technical
15 recruiter I am constantly in competition with Austin,
16 and even though San Antonio is doing a very good job --
17 we're building fabulous apartments for young
18 technocrats, we, you know, are putting together a lot of
19 resources to bring young technocrats to the city -- once
20 again, when we're in competition with Austin, and Austin
21 has a 55 percent renewable energy plan by 2025, this has
22 to affect how people will think about the city.

23 In the beginning, you said that CPS is a
24 24/7/365 environment. Well, that's the 21st century.
25 Military bases run 24/7/365. Technology companies do.

1 They're never down. You have to understand the largest
2 employment sector is now medical; it's a 24/7/365
3 environment. So once you begin to think of this you
4 have to begin to think that whatever it is that you're
5 thinking it has to be flexible because of the fact that
6 energy is going to become one of the most important
7 resources cities have, along with clean water, clean
8 air.

9 And I'd like to applaud CPS for having the
10 lowest kilowatt hour. It's very important. Because
11 that does bring technology companies here. And they are
12 leaving places like California because it's expensive;
13 but you have to be able to understand they're also
14 looking at the renewable cost.

15 (Applause.)

16 CHAIRMAN STEEN: Thank you, Ms. Howard.
17 Call to the mic Maria Ramos; and call forward Ramiro
18 Cavazos.

19 MS. M. RAMOS: Buenas tardes, Director.
20 Good evening. My name is Maria Ramos and I am part of
21 the Southwest Workers Union where we have been canvassing
22 the south of San Antonio, where I've had -- a TPR report
23 shows that people on the south and the west side of San
24 Antonio live up to 20 years less than people on the
25 north.

1 And also there are two major -- the two
2 major coal plants and the -- in San Antonio happen to be
3 in the south of the San Antonio. So San Antonio also
4 has a high rate of hospitalizations due to asthma --
5 higher than the average of the State of Texas. So what
6 does that say about the city where a lot of children --
7 actually four children in 2017 died because of asthma
8 complications? We -- These are like people's lives,
9 people's health.

10 So you talk about wanting to save money
11 for people and that might also -- that also means
12 shutting down these coal plants so people can have
13 healthier lives so they don't have to think about paying
14 for the medication for their child with asthma versus
15 rent or other utilities, the utilities that you provide.

16 I'm also here because I -- this is -- it
17 seems like although this is a community hearing a lot of
18 people present are actually CPS employees. So as CPS
19 employees, I am asking you, the people behind me, to
20 keep CPS accountable, to know that while you are working
21 with CPS you are also complicit. So when you go to
22 work, it's also on your hands to ask the leaders of your
23 company what they're doing, when they're going to do it,
24 and to keep them accountable, because in the death of
25 those four children we're all complicit.

1 So thank you very much for your time. And
2 to the CPS employees keep your company accountable and
3 please, like, be present and make sure to ask questions.
4 Thank you.

5 (Applause.)

6 CHAIRMAN STEEN: Thank you, Ms. Ramos.
7 We'll call to the mic Isaac Garcia.

8 MS. J. GUERRERO: He gave his time to me.

9 CHAIRMAN STEEN: Diaz. Let's see. Your
10 name?

11 MS. J. GUERRERO: Jessica O. Guerrero.

12 CHAIRMAN STEEN: Okay. When we -- when we
13 get to you --

14 MS. J. GUERRERO: Okay.

15 CHAIRMAN STEEN: -- then -- then you'll
16 have the four minutes.

17 MS. J. GUERRERO: Okay.

18 CHAIRMAN STEEN: So then I want to call
19 Ramiro Cavazos; and then David Howk and Edward Castor it
20 should -- should be.

21 MR. R. CAVAZOS: Thank you, Chairman
22 Steen, and thank you for your service also as our
23 Secretary of State.

24 My name is Ramiro Cavazos. I'm president
25 and CEO of the San Antonio Hispanic Chamber of Commerce.

1 We're the largest private-sector funded business
2 organization in the city; we were founded here in 1929.

3 CPS has been the best investment our
4 community, I believe, has made to provide quality of
5 life and affordable energy and investment in economic
6 development when it was, I know, acquired in the 1950s,
7 and I believe there are five elements in economic
8 development that are critical and I believe that's why
9 the CPS Flex Path plan is important. You need water,
10 transportation, education, great leadership and energy
11 to have good economic development in San Antonio.

12 We are investors in two of those critical
13 assets: Water and energy for economic development.
14 Education is clearly an area of -- of great interest for
15 us from a workforce standpoint; and then we're catching
16 up, I know, on -- on transportation, and we have stable
17 leadership in government.

18 So thank you for giving us this
19 opportunity to speak this evening about the importance
20 of continuing low, efficient and affordable energy.
21 Your contributions to the community are critical and you
22 do more than most institutions do. Thank you for your
23 support in also being a great partner on economic
24 development.

25 As I was director of economic development

1 for the city for seven years you all helped secure a
2 whole new industry here with over 6,000 jobs, a whole
3 new supply chain in automotive manufacturing with the
4 super user rate and also, obviously, with solar energy
5 through us having the only community with a full supply
6 chain with renewable energy.

7 So thank y'all for your vision. Thank you
8 for your service as our volunteers and our Mayor and --
9 and your staff and, of course, your great CEO, Paula
10 Gold-Williams.

11 CHAIRMAN STEEN: Thank you, Mr. Cavazos.

12 (Applause.)

13 CHAIRMAN STEEN: We want to call to the
14 mic David Howk; and then call for James McVey.

15 MR. D. HOWK: Good evening. My name is
16 David Howk and I'm an intern with Environment Texas. I
17 have lived in San Antonio for my entire life on the
18 north side in -- in District 9. I graduated from
19 Keystone School in 2017 and I'm now attending Texas A&M
20 University.

21 I'd like to start by thanking CPS Energy
22 for the many great things you're doing for clean energy,
23 including work on shutting down the Deely coal plant and
24 diverse solar programs like you have here today helping
25 get our city -- more renewable.

1 According to Environment Texas's Shining
2 Cities Report, San Antonio is ranked first in Texas and
3 sixth in the nation for installed solar capacity. This
4 is great news, obviously, but we still have a lot more
5 work to do.

6 Burning gas and coal has not only polluted
7 our air, water and land for decades, it is now changing
8 our climate even faster than scientists believed it
9 would. We can have a healthier community right now and
10 a livable future for kids and people like me growing up
11 today, but to get there we need to transform the way we
12 produce and consume energy.

13 That's why San Antonio needs to move to
14 one hundred percent renewable energy as soon as
15 possible. It is a big and bold goal, one that would
16 make San Antonio a world leader in the race towards a
17 cleaner, healthier future, but it is very important to
18 realize that it's a goal that is one hundred percent
19 possible.

20 Here in Texas the cities of Georgetown and
21 Denton are already getting one hundred percent of their
22 power from renewable energy. And large cities around
23 the U.S., including San Diego and Portland, have
24 committed to get to one hundred percent in the next two
25 decades. San Antonio should wish to be one of those

1 leaders and one of those cities in the nation to attract
2 forward-thinking industry and the talented people that
3 come with it.

4 CPS's Flexible Path moves us in this
5 direction, but we must move more quickly to get to one
6 hundred percent renewables. Yeah. It is imperative
7 that San Antonio gets to one hundred percent renewable
8 as soon as possible. Thank you.

9 CHAIRMAN STEEN: Thank you, Mr. Howk.

10 (Applause.)

11 CHAIRMAN STEEN: Call to the mic Edward
12 Castor; and call for Wendell Fuqua.

13 MR. E. CASTOR: Hello, Board. My name is
14 Edward Castor. I reside in the Camino Bandera
15 neighborhood, District 8. I'm a -- a rate payer.

16 What I'd like to say is that I appreciate
17 all of the information y'all put out on your website,
18 and I -- I looked at it and, from what I can tell, it
19 looks like a great Flexible Path.

20 What I've done is, we have used the CPS
21 Energy savings program, and everything that that
22 technician has come to our house and said we needed to
23 do to our home we have accomplished. In fact, this
24 month we're getting ready to replace our single-pane
25 windows with double panes.

1 So the next step was -- when I talked to
2 the solar program was that, you know, we're thinking
3 about doing solar, eventually, once we see what our
4 bills look like. But I'd like to encourage y'all to
5 please keep finding the funding for the solar programs;
6 because, like I said, that may be the next step that we
7 want to do as homeowners.

8 And one thing I'd also like to say is,
9 y'all are future providers for this region. Y'all
10 produce power and you provide power. It's very
11 important because our region -- the future depends on
12 electricity and water. And with that said, you know,
13 Flexible Path, to me, the -- the DER Energy Resources
14 that's very important, that's something we need to
15 become more robust in, and I will volunteer my
16 neighborhood.

17 If I know we're doing smart city, let's do
18 a smart neighborhood. Camino Bandera neighborhood.
19 Come on out and put the infrastructure in for us and,
20 also, next generation nuclear power. There are a lot of
21 advances being made that needs to be in the mix. Thank
22 you.

23 (Applause.)

24 CHAIRMAN STEEN: Thank you, Mr. Castor.
25 Call to the mic James McVey; and call for Alice

1 Canestaro-Garcia.

2 MR. McVEY: Hi, I'm James McVey. I'm with
3 Green Star LED. We're a manufacturer of led lights here
4 in San Antonio. We've been manu- -- All right.

5 We have we've been working with CPS since
6 2012 as a new energy partner. Anyway, we just want to
7 be here to show our support for CPS and the Flexible
8 Path that they're taking with -- with LEDs; and we've
9 had the opportunity to put about 75,000 street lights in
10 San Antonio. We've got thousands more to go and, as you
11 know, LED street lights, they save the city roughly
12 60 percent energy savings; and with those energy savings
13 we're able to, you know, help support the city, as well
14 as, there's less energy needing to be produced that
15 helps clean the environment.

16 So another thing I wanted to appreciate
17 is, you know, most people don't know that the lights
18 that are being bought in the -- in the City of San
19 Antonio are made right here in San Antonio. So thank
20 you very much for allowing us to hire employees here.
21 We've got thousands of lights to put up and -- and, you
22 know, we'd like to get them up quicker because there's
23 thousands more to go. The more lights we put up, the
24 more lights we can -- employees we can hire here in
25 town.

1 But everything that CPS is doing we are
2 very appreciative of and, anyway, we just want to thank
3 you very much for everything you've been able to provide
4 for us.

5 (Applause.)

6 CHAIRMAN STEEN: Thank you.

7 So I want to call to the mic Wendell
8 Fuqua; and also call forward Jenna Saucedo-Herrera.

9 Sir, before you start, just to make a
10 point, I -- I think you're approximately speaker 23 out
11 of 46. So just to let every -- everybody know we're
12 approximately halfway through.

13 But Ed Kelley wanted to make the point
14 that we're -- we are taking notes, and -- and can --
15 would you come forward and tell everybody about what
16 we're doing in terms of what -- Yeah. We've got a
17 recorder, and then -- Ms. Gold-Williams, with -- with
18 the idea that what we're going to do in terms of putting
19 these questions and answers and themes on the internet.

20 MS. GOLD-WILLIAMS: Absolutely.

21 So we have a recorder here who is taking
22 notes feverishly, but we -- because we want to make sure
23 that we're listening and -- So the management team is
24 listening. And we do have some of the handouts,
25 anything you want to leave for us, please do that, but

1 we are recording all of this information. And so what
2 we will do, again, we will post all of the material from
3 today, we will log the questions and the suggestions,
4 and we will begin to talk about how we can take that
5 input and really address it. So we will actually put
6 that in social media, and then we will update our
7 conversation to talk about this ses- -- the suggestions
8 that we're currently hearing.

9 CHAIRMAN STEEN: Thank you. I just
10 wanted -- wanted everybody to be reminded of that.

11 Mr. Fuqua, please come forward.

12 MR. W. FUQUA: Yeah. My name is Wendell
13 Fuqua. I'm a Sierra Club member and I live in the
14 Monte Vista area.

15 As you all well know, and take justifiable
16 pride in pointing out, CPS has developed a reputation
17 over the last decade of being progressive in its energy
18 policy. It has expanded its renewable portfolio and is
19 reducing its coal portfolio. These are good things.
20 Now, you have a plan for the future -- a Flexible
21 Path -- and you say this path is better than what you
22 call a traditional path.

23 Frankly, I think CPS has forgotten its
24 progressive history. Your Flexible Path is more like a
25 traditional path; it is lacking in ambition or vision.

1 In 2040, more than 20 years from now, your plan still
2 contains coal, still contains gas, still contains
3 nuclear, and is only 50 percent renewables. That's
4 tradition not visionary.

5 Folks, at least, 50 U.S. cities have
6 committed to becoming powered one hundred percent by
7 clean, renewable energy. Among these, are Atlanta which
8 plans to power all of its city buildings using
9 renewables by 2025. Among these are Boulder, Colorado,
10 with a goal of one hundred percent renewable energy by
11 2030. And among these are Pueblo, Colorado, with a goal
12 of using one hundred percent renewable energy by 2035.

13 And U.S. News and World Report writes,
14 additionally, with nearly a quarter of residents living
15 in poverty, Pueblo's leadership hopes transitioning to
16 one hundred percent clean energy will help stabilize
17 costs and service.

18 San Antonio leadership could take a lesson
19 from Pueblo. I submit to you that these kinds of goals
20 are vision. Not traditional, not Flex Path, but vision.
21 I would urge CPS to revisit its history and become far
22 more ambitious in its planning.

23 (Applause.)

24 CHAIRMAN STEEN: Thank you, sir.

25 Call to the mic Ms. Canestaro-Garcia; and

1 then call forward Peter Bella.

2 MS. A. CANESTARO-GARCIA: Good evening.
3 My name is Alice Canestaro-Garcia. I am a visual artist
4 with [inaudible] and I'm also a volunteer with Climate
5 Action SA.

6 Ms. Gold-Williams, you know, one of those
7 ideas you want, like a new idea, one was posted on our
8 website today, Climate Action SA, dot, com. It's a post
9 showing a major freeway in Mexico. Mexicans are
10 covering their highway columns with plants; it would
11 help with greenhouse gas emissions.

12 So, yay, one coal plant is closing this
13 year. Deely is closing in 2018. I really would like to
14 know the date so we can plan the party. People
15 throughout San Antonio are planting more trees, are
16 planting -- are transitioning lawns into Xeriscapes or
17 wild scapes and conserving and conserving and
18 conserving. We are transitioning from our current
19 extracted economy to a resilient economy. Individuals
20 are doing all we can do. All we are aware of at this
21 point, as I see, y'all are doing that as well. We are
22 searching for more ways to reduce greenhouse gas. We
23 the people. We must reduce greenhouse gases starting,
24 as Ms. Gold-Williams said, starting by not making them
25 in the first place. Reconsider geothermal.

1 Ms. Gold-Williams, yes, people first.
2 People first is essential for a just transition to a
3 resilient human civilization. Ay, Dios Mio. Look at
4 time. Closing Deely is good. Spruce 1 and 2 in '25 and
5 getting out of gas by 2030 two thumbs up.

6 As Dr. R.J. Mac [inaudible] says, Let's
7 become carbon free and nuclear free. And, San Antonio,
8 [Spanish spoken].

9 (Applause.)

10 CHAIRMAN STEEN: Thank you very much.

11 So I'll call to the mic Jenna
12 Saucedo-Herrera; and call forward Jessica Guerrero. I
13 think you're already here and --

14 MS. J. SAUCEDO-HERRERA: Well, good
15 evening, Chairman Steen, other distinguished members of
16 the CPS Energy Board, it's a privilege to be here. My
17 name is Jenna Saucedo and I am the CEO of the San
18 Antonio Economic Development Foundation. We are a
19 public-private entity that is charged with securing jobs
20 and capital-producing investments for the San Antonio
21 community.

22 As you can imagine, we work in close
23 partnership with CPS Energy on our corporate
24 recruitment, retention, and expansion efforts, and, as
25 my chamber colleagues have previously mentioned, CPS

1 Energy has and will continue to be an incredibly
2 invaluable asset for our San Antonio community, but
3 you're also a key element in each and every pitch that
4 we share around the world.

5 Just last year we secured a Fortune 83
6 company in TJX, who will be adding 1,200 jobs on the
7 south side of San Antonio because they selected San
8 Antonio for their distribution facility due, in large
9 part, to CPS Energy's ability to provide affordable and
10 reliable power. That is key. And your ability to
11 maintain your cost competitiveness is key to our
12 long-term success and health and viability as a region.
13 So I commend you for your efforts to diversify your
14 generational portfolio through your Flexible Path
15 strategy and plan.

16 And as a south side San Antonian, I am
17 also very humbled and very proud that we are recognized
18 around the globe for being a leader in solar and wind
19 energy, but I urge you to continue to prioritize
20 affordability and reliability, because the decisions
21 that you're making today, as we've been discussing this
22 evening, are long-term decisions. And again, your
23 ability to be cost competitive is directly informing our
24 ability to compete for new jobs and a long-term
25 successful economy. Thank you.

1 (Applause.)

2 CHAIRMAN STEEN: Thank you, Ms. Saucedo.

3 I call for Pete Bella to the mic; and call
4 forward Al Arreola.

5 MR. P. BELLA: Good evening. My name is
6 Peter Bella. Mr. Chairman, members of the Board, thank
7 you so much for making the time this evening.

8 I retired from the Alamo Area Council of
9 Governments in 2014 as director of the natural resources
10 department where we did ozone planning, both analytics
11 and the policy development, and it was during that time,
12 the 16 years that I was at AACOG, that I also was able
13 to get to know CPS Energy and a lot of other folks
14 around the region who work with energy, but my comments
15 tonight come from wearing two different hats.

16 I am both on the Steering Committee for
17 the Climate Action and Adaptation Planning Process and
18 I'm a member of the Climate Action SA group, which is a
19 group of social -- social justice and environmental
20 justice folks who have spoken -- several of them have
21 spoken. And when you hear thumbs snapping that may be
22 from them as well.

23 My comments are that I appreciate CPS
24 Energy's efforts, but I do believe that from the results
25 we've seen so far in the draft greenhouse gas emissions

1 inventory provided by Navigant, the consultant to the
2 city, for the Climate Action and Adaptation Planning
3 Process, even with all of the sustainability planning
4 that -- if it were to be put in place that the city has
5 thought in terms of and approved, and even if the
6 Flexible Path planning process were to be put in place,
7 all of it by 2040, there would still be a requirement
8 for, again, 41 percent greater reduction in carbon to
9 reach the climate goals, the carbon reduction goals that
10 the city approved when they signed the resolution in
11 favor of the Paris Agreement. So that's why I'm with
12 Climate Action SA in calling for an end to coal-fired
13 power production by 2025 and carbon production ended by
14 2030. I know it's ambitious. But I know that it's
15 something for the sake of climate action we have to do.
16 Thank you so much.

17 (Applause.)

18 CHAIRMAN STEEN: Thank you, Mr. Bella.

19 So I'll call -- is Councilwoman Sandoval
20 here? Councilman Sandoval, are you here? Do you want
21 to come -- come forward?

22 COUNCILWOMAN SANDOVAL: Hi. Good evening.
23 This is awkward. Yay.

24 (Applause.)

25 CHAIRMAN STEEN: We're honored to have you

1 here. Just want you to have a place up front. Would
2 you like to say anything?

3 COUNCILWOMAN SANDOVAL: I just want to say
4 thank you and good evening, Board, Dr. Mackey,
5 Chair Steen, thank you very much for being here and
6 hosting this. And I just want to thank all of the
7 citizens that have come out. I serve on San Antonio
8 City Council so I have a -- just a little bit of a
9 relationship with this -- with this Board here.

10 But I do want you to know that's what's
11 happening tonight -- Hi, Chris -- that what's happening
12 tonight is historic. I -- I believe this is one of
13 the -- you can correct me if I'm wrong, that you
14 actually have citizens being heard in front of the CPS
15 Board. And, Dr. Mackey, when you were appointed, in our
16 interview I said to you, Dr. Mackey, this is something
17 that's absolutely important to me. Will you please
18 carry this forward if you become appointed?

19 And thank you, Chair, and thank you,
20 Dr. Mackey, for -- from -- and the Board, of course,
21 Mr. Kelley and Dr. Guevara, for making this happen. I'm
22 very pleased to see it. I think it's been very
23 successful. And thank you to the citizens for
24 participating and being here. Thank you.

25 (Applause.)

1 CHAIRMAN STEEN: Thank you so much.

2 So, now, I want to call Jessica Guerrero.

3 MS. J. GUERRERO: Woohoo.

4 CHAIRMAN STEEN: And thank you for being
5 patient.

6 MS. J. GUERRERO: Sure.

7 CHAIRMAN STEEN: And -- and -- and you
8 have four minutes because Isaac Garcia ceded his time to
9 you.

10 MS. J. GUERRERO: I don't think I'll need
11 all four, but --

12 CHAIRMAN STEEN: And then also, I'll need
13 Bill Greer to come forward.

14 MS. J. GUERRERO: Thank you. Buenas
15 tardes. My name is Jessica Guerrero. I am a member of
16 Vecinos de Mission Trails and we work closely with
17 Southwest Workers Union, a local grassroots authority on
18 climate justice issues. We are also members of the
19 Climate Action SA coalition.

20 We join our neighbors and colleagues in
21 demanding that CPS end their dependence on coal by the
22 year 2025 and that you lead San Antonio and Texas in
23 leaving all fossil fuels behind by 2030. We understand
24 the implications of our demands and we want to work with
25 CPS Energy officials to create measures that will

1 address our demands without further burdening our
2 communities.

3 I am disappointed in tonight's absence of
4 the Mayor, our sole public servant representative on the
5 CPS Board. And except for Councilwoman Sandoval, who I
6 appreciate getting here, I'm also disappointed that
7 there aren't more representatives from the city and
8 county here. The very minimal mention of the CPS-funded
9 Climate Action and Adaptation Plan as part of the
10 pathway to public engagement is also very troubling.

11 In the last three weeks, woo, Southwest
12 Workers Union has led a canvassing effort that has found
13 that 375 households so far support CPS leaving coal
14 behind and switching to solar energy, and please listen
15 to why.

16 The communities we represent here are not
17 only worried about their pocketbooks. They are also
18 deeply concerned for the state of mother earth. The
19 number one response people give when we ask if they
20 prefer solar is [Spanish spoken]. Of course. Solar is
21 cleaner and it's better for the environment.

22 As you've said here today, CPS is our
23 energy company. Take notice of what our priorities are.
24 We respect and we defend mother earth and we look to
25 save money in order to provide a stable future for our

1 children and for future generations rather than basic
2 upward mobility and wealth. Hear and heed the voices of
3 our customers on our vision for healthy neighborhoods
4 and a healthy future for our communities. Gracias.

5 (Applause.)

6 CHAIRMAN STEEN: Thank you.

7 So I want to call to mic Al Arreola; and
8 then to note that Bill Greer, I think, departed and will
9 not be speaking. So we need Karen Weehler and Bill
10 Sweet to come forward.

11 MR. A. ARREOLA: Thank you, Mr. Chairman
12 and members of the Board. My name is Al Arreola, Jr.
13 I'm president and CEO of the South San Antonio Chamber
14 of Commerce. On behalf of our chairwoman, Erica
15 Gonzaba, and our Board of Directors representing our 500
16 plus members of the south chamber we want to thank the
17 team of CPS Energy for their outreach and engagement of
18 our business community.

19 Our organization has been offered
20 opportunities to voice our thoughts and concerns
21 regarding San Antonio's energy future and we want to
22 thank the team members of CPS for their transparency and
23 inclusion in helping to determine responsible pathways
24 to meet our community's energy needs.

25 We continue to see technology

1 exponentially change in obtaining optimum results in
2 efficiency and as we evolve into more renewable sources
3 flexibility is necessary for us to meet the needs and
4 desires of our members in a responsible way.

5 We are in support of the proposed Flexible
6 Path and thank CPS Energy for their commitment to our
7 community and members. We look forward to continued
8 engagement and collaboration with you in building our
9 energy's future. Thank you.

10 (Applause.)

11 CHAIRMAN STEEN: Thank you, Mr. Arreola.

12 And I want to call forward Karen Weehler
13 to the mic; and if Robert Miggins would come forward.

14 MS. K. WEEHLER: My name is Karen Weehler
15 and I am a retired high school science teacher.

16 And I would like to say, as many have said
17 before, we'd like to get the -- our plans for energy to
18 be completely renewable and get rid of fossil fuels and
19 to do it much more quickly. Whenever I bring this up, I
20 usually get the car analogy. You don't go out and buy a
21 car, and take a loan for five years and then decide,
22 when you see a nicer, shinier car, to go out and buy it
23 and continue to have to pay the bills for the next five
24 years. I understand that. We've already put a lot of
25 money into some of the power generations things that we

1 have. But what if that old car is a 1971 Pinto and all
2 three of your children ride in the back of it and they
3 go down 35 where they're constantly needing to stop? I
4 hope you guys know what a Pinto is. It's one that if
5 you slammed into the rear of it you could lose your
6 whole family.

7 Okay. Now, when you take a look at this,
8 and this new Tesla, maybe, that you wanted to buy, or
9 Leaf or Volt or some other electric car, all of a sudden
10 it becomes a very easy decision. You would never put
11 your family at risk like that. You would figure out a
12 way to get the car that was the safest.

13 When the people come up here and talk over
14 and over and over again about how -- how imperative it
15 is to have reliable and cheap energy because of all of
16 the jobs that it brings here, remember that the
17 algorithm for economics does not include health and does
18 not include the environment because those things are
19 going to drag and pull down on the amount of money you
20 can make.

21 But what do you think that guy who cut the
22 last tree down on Easter Island thought? Okay. You
23 know, we have wasteland now that none of us can live in.
24 But, boy, did we ever have a heyday and make money when
25 we were doing that.

1 So this is when we need to take the
2 prefrontal cortex of our brain and say, Okay. We've run
3 the numbers. We know what that is. But we need to look
4 at the health of people and all living things and if
5 this plan is going to be able to sustain us. And that
6 is something that human beings can do. That is a kind
7 of planning that they can put forth. Thank you.

8 (Applause.)

9 CHAIRMAN STEEN: Thank you, Ms. Weehler.
10 Call to the mic Bill Sweet; and call
11 forward Timothy Heinle.

12 Yes, sir. Go ahead.

13 MR. B. SWEET: My name is Dr. Bill Sweet.
14 I am a CPS customer and now I have rooftop solar.

15 I am a scientist and I've spent the
16 last -- or the six and a half years of my retirement
17 extending my informal pre-retirement study of climate
18 change using peer-reviewed climate literature. I also
19 look at climate denier and skeptic websites trying to
20 find substantive reasons to reject or minimize human
21 causes for climate change.

22 From my studies, I have given five talks
23 on climate change to general audiences. I distill this
24 to three points: One, the climate system takes at least
25 a thousand years to equilibrate. Thus what we do today

1 affects the climate for a millennium at least. Yet
2 analyses of climate change typically go only to the year
3 2100, 81 and a half years from now.

4 Two, analyses of the last 60 to
5 540 million years of actual earth history show that in a
6 few centuries the global average temperature will be
7 9 Fahrenheit degrees hotter. That's without a further
8 increase in atmospheric carbon dioxide. To stay within
9 the climate's operational limits of the whole Esseen
10 [phonetic] -- that is, the last 11,500 years -- the only
11 epic known to be compatible with human civilization
12 burning fossil fuel must cease by 2050.

13 The good or bad future we hand to our
14 descendents is directly dependent on the measures we
15 implement over the next 10 to 30 years. Yep, in your
16 time. Six March strategic update presentation, coal
17 fire generation continues to 2042, a mere eight years
18 before the required zero carbon. Because renewables
19 with energy storage are not economical, insisting on no
20 client-cost options makes your kids and grandkids pay
21 for the lack -- your lack of interest in the -- in their
22 future. Economists call this discounting the net
23 present value of the future to zero. You are telling my
24 24- and five-month old granddaughters, who will live to
25 see 2100, according to actuarial life tables, that their

1 future is worth zero. Tell your kids and grandkids that
2 tonight.

3 CHAIRMAN STEEN: Thank you, Mr. Sweet.

4 (Applause.)

5 CHAIRMAN STEEN: Call to the mic Robert
6 Miggins; and call for Brianna Barrera.

7 MR. R. MIGGINS: Hello. Thank you, Board,
8 for the chance to speak. My name is Robert Miggins.

9 CHAIRMAN STEEN: And, Mr. Miggins, you
10 might grab that mic too and just hold it.

11 MR. R. MIGGINS: Okay. Sorry. Thanks.

12 Oh, man, losing seconds by the second.

13 So I co-founded a solar company here in
14 town. I'm a technology executive. I spent 15 years in
15 technology here in town. I left behind that career four
16 years ago to get involved with climate change because,
17 like most of the people in this room, it's a serious
18 problem and I'm -- I'm -- I wanted to get on board to
19 try to figure out how to be part of the solution.

20 Having said that, I'm also a pragmatic
21 person and I've spent a lot of time understanding the
22 different barriers that CPS is up against. One of
23 which, that's only come up a couple of times tonight,
24 is, the price of power. And -- and so when I listen to
25 all of the feedback, I guess, I would -- my suggestion

1 to CPS is to figure out how to always keep in mind that
2 there is a bit of a push and pull between keeping the
3 price of power affordable, especially for low- and
4 moderate-income families, but, at the same time,
5 aggressively transitioning to renewable sources of
6 energy.

7 It seems to me that you're running that
8 balance pretty effectively given the barriers that you
9 have. It's not easy to raise rates. You have to get
10 City Council approval and that's not easy to do. So, I
11 guess, I -- I'm -- I'm speaking in support, in general,
12 about the Flex Path plan because I think you're up
13 against some other barriers that have only come up a
14 couple of times tonight.

15 One other -- one suggestion is, I think if
16 you give away a solar rebate you should ask for
17 something in return. I'm in the solar business. I'm
18 a -- I'm a big fan of the solar rebate. I think you can
19 ask for something in return. Namely, the ability to
20 have visibility into those solar assets so that you can
21 better manage your grid. And I think if somebody takes
22 a solar rebate from you, one of my customers takes a
23 solar rebate, they should sign up for a plan that lets
24 CPS manage those assets for grid stability which will
25 save you money and help keep our prices low. Thanks

1 very much.

2 (Applause.)

3 CHAIRMAN STEEN: Thank you, Mr. Miggins.

4 We'll call to the mic Timothy Heinle; and
5 call forward John Huffaker.

6 MR. T. HEINLE: Good evening. I'm Timothy
7 Heinle. I'm with OCI Solar Power.

8 As you probably know, we've done a number
9 of the larger solar projects for CPS Energy. It's been
10 a great relationship and so we were eager to see the
11 Flex Path plan. We were hoping to read more solar right
12 now, right now. And as we looked through the plan it
13 made more and more sense to us. There's clearly a
14 commitment to renewables, which, of course, as a solar
15 development company, we're encouraged to see. But the
16 reality, as we all know, is that renewables are
17 intermittent and they need to be firmed up and most of
18 us agree that the future is solar plus storage. But the
19 reality is right now -- and we live this every day --
20 there's no clear winner in the storage realm yet, nor
21 has the cost come down where it needs to be. But it's
22 going to happen quickly. So we applaud CPS for the work
23 that you're doing with the southwest -- Southwest
24 Research Institute. We, again, believe that -- that
25 solar plus storage is the future.

1 In the meantime, those renewables need to
2 be firmed up. They're intermittent. And we believe
3 that using the existing generation fleet to firm it up
4 in the interim until we can get storage commercialized
5 is the way to go. So we applaud the -- the program and
6 we hope everything comes to fruition quicker than
7 anticipated. Thank you.

8 (Applause.)

9 CHAIRMAN STEEN: Thank you very much. And
10 we call forward Brianna Barrera, and I think,
11 Ms. Barrera, your speaking time will be four minutes.

12 MS. B. BARRERA: Yes.

13 CHAIRMAN STEEN: Because Justice Levin, is
14 that correct, ceded time to you?

15 MS. B. BARRERA: Yes.

16 CHAIRMAN STEEN: All right. Go ahead.

17 MS. B. BARRERA: My name is Brianna
18 Barrera and --

19 CHAIRMAN STEEN: Ma'am, I need -- before
20 you go on, I need to call forward --

21 UNIDENTIFIED SPEAKER: Reset the clock.

22 CHAIRMAN STEEN: We'll do that. Sarah
23 Faughtenberry.

24 MS. B. BARRERA: My name is Brianna
25 Barrera and I am a climate justice organizer with Public

1 Citizen and a member of Climate Action SA.

2 There is an economic case, a public health
3 case and an environmental case to be made for
4 transitioning to renewable energy. That is why I'm here
5 calling for the retirement of the Spruce coal plant by
6 2025 and a full transition away from fossil fuels for
7 electricity production by CPS Energy by 2030 at the
8 latest. This is the right path.

9 And there is an immense amount of
10 research, data and public demand in favor of
11 transitioning to renewable energy. The Flexible Path is
12 simply not enough. In fact, almost no additional
13 renewable energy is slated to be added until nearly
14 2030. We do not have time to waste.

15 The action we take or don't take in the
16 next decade will affect us and those who come after us
17 into the next century and beyond. Now is the time for
18 urgent, equitable action. Coal and natural gas are not
19 reliable, safe, secure or resilient energy sources.
20 They are toxic, dangerous and killing our low-income
21 communities and communities of color.

22 The 2016 Bexar County Community Health
23 Needs Assessment reported that residents in the south
24 side have a much shorter life expectancy -- sometimes by
25 nearly 20 years -- than those living on the north and

1 northwest side of town. The coal plants are all on the
2 south side of San Antonio. CPS Energy's website cites a
3 focus on improving air quality for the community, but it
4 is evident that many in our community still suffer.

5 In San Antonio around 335,000 people live
6 in poverty and are at a higher risk of not having access
7 to electricity. This is a health risk. Almost 14 out
8 of every 10,000 children are hospitalized with asthma
9 compared to the state average of 8 per 10,000. This is
10 a health risk. Roofers, landscapers and construction
11 workers labor outside in sweltering triple-digit
12 temperatures for almost 60 days out of the year. This
13 is a health risk. Our health, environmental wellbeing
14 and energy use are related in ways we cannot ignore.
15 There is no need to choose between affordable energy and
16 clean energy sources. They are one in the same.

17 Several studies have pointed to the fact
18 that the Spruce coal plant, like most coal plants, isn't
19 economically viable. This isn't likely to change. Wind
20 and solar are pushing coal plants and even natural gas
21 generators out of the market. They offer the
22 opportunity to lock in affordable prices for decades.
23 Businesses are taking advantage of these favorable
24 economics and so should CPS Energy. There are many
25 other costs from continuing to burn -- burn fossil

1 fuels. Climate change is accelerating and local air
2 pollution is at unsafe levels. People will continue to
3 suffer, be hospitalized and die unless we take action --
4 immediate action to transition away from fossil fuels
5 and to renewable energy.

6 While CPS Energy can't fix the climate
7 crisis on its own, it must do its part and do it
8 quickly. We need a clear path forward to completely
9 phase out fossil fuels as quickly as possible. Fossil
10 fuels will continue to cost taxpayers, they will
11 continue to harm communities, they will continue to
12 destroy the environment. But we can change that.

13 Public Citizen and the Climate Action SA
14 coalition are ready and willing work with you to labor
15 along side of you in the larger San Antonio community to
16 usher in a new era of renewable energy of energy
17 democracy and of equity for all San Antonians. We, the
18 community, will continue to fight for what's right
19 because this is an issue that we all have a stake in.
20 This is your home as much as it is ours and we are
21 asking that you stand with us in our efforts to create a
22 better future for our planet and a better future for all
23 that call it home. Thank you.

24 (Applause.)

25 CHAIRMAN STEEN: Thank you, Ms. Barrera.

1 We call to the mic John Huffaker then --
2 and then call forward Fernando Diego.

3 MR. J. HUFFAKER: Good evening.
4 Mr. Chairman of the Board, thanks for the minute or two
5 to say a few words here.

6 I started in the utility industry about 25
7 years ago working for a large utility in the pacific
8 northwest. At that time the modus operandi was really
9 to build large coal and large gas power plants and that
10 was the common trend for all utilities at the time. The
11 world has changed a lot since then.

12 In the subsequent 25 years, I have been --
13 I got involved in mergers/acquisitions of utilities and
14 was buying and selling these companies around the world
15 and got to know kind of how utilities work, how they
16 function. And the commonality across them has been the
17 use of capital: How to generate revenue, how to serve
18 your customers, how to deploy reasonably, responsibly
19 the capital that you have at hand.

20 What I appreciate about CPS and this
21 Flexible Path plan is that it is comprised and made up
22 of the people of CPS, which I have had the pleasure to
23 work with. And I currently have the position of
24 regional head of Itron Network Services, and
25 the employee -- if you take them one by one, each of the

1 employees that I have worked with at CPS all believe --
2 they all have children, they all are rate payers, they
3 all have the same issues that you and I do, but at the
4 end of the day their view is to make responsible
5 decisions on behalf of the community on behalf of the
6 company to use the capital they have wisely to deploy as
7 best they can.

8 My role at Itron really is to promote
9 smart cities and smart grids. And I'm excited about the
10 future and about how CPS is looking to utilize their
11 existing assets rather than make new investments. And
12 by utilizing what was mentioned earlier, the
13 environmental sensors, dynamic lighting sensors in the
14 smart city environment, there are exciting days ahead
15 for us as a community. And thank you, CPS leadership,
16 for your leadership.

17 (Applause.)

18 CHAIRMAN STEEN: Thank you, sir.

19 We call to the mic Sarah Faughtenberry;
20 and call forward Klaus Weiswurm.

21 CHAIRMAN STEEN: You -- Are you Mr. Diego?

22 MR. F. DIEGO: Yes.

23 CHAIRMAN STEEN: Is Sarah Faughtenberry
24 here?

25 MS. S. FAUGHTENBERRY: I'm right here.

1 CHAIRMAN STEEN: You're next.

2 MS. S. FAUGHTENBERRY: Okay.

3 CHAIRMAN STEEN: Sorry.

4 MS. S. FAUGHTENBERRY: Thanks. I'm Sarah
5 Faughtenberry. I consider myself an environmentalist
6 both professionally and personally.

7 From a professional perspective, I work
8 for a software company that allows utilities to manage
9 distribute their energy resources, pretty much
10 everything outside of your traditional generation,
11 including coal, and CPS Energy is one of our customers.
12 And personally I am also an environmentalist. If I
13 could rip off my roof and put solar batteries, I would
14 do that, but I have a roof and I have two young kids and
15 I have to keep my costs down.

16 But I do think that I -- that I can help
17 reduce my carbon input. I do things like composting. I
18 buy energy efficiency lighting. I -- I recycle. I
19 participate in utility programs that allow me to reduce
20 my energy consumption during times of peak demand. I do
21 what I can do. And I support the Flexible Path because
22 CPS Energy is leveraging their existing assets but,
23 also, taking the path with innovation incorporating
24 renewables as we've seen them migrate their portfolio
25 from nuclear, gas, coal over to renewables as well. So

1 I'm in complete support.

2 San Antonio, if you look at it, easy to
3 look at it from a like city perspective, but in the
4 utility -- or the industry, in general, CPS Energy is
5 known as being an early adopter and paving the path for
6 the industry.

7 Just a little over a year ago, they won an
8 award at a conference called DistribuTECH, the largest,
9 most recognized conference in the utility spectrum for
10 the Innovative Program of the Year for their demand
11 response management program that incorporated smart
12 thermostats, and all of their demand response portfolio.
13 So not only is CPS Energy's Flexible Path plan
14 supporting lower rates for their customers but, also,
15 paving the path for innovation in the utility sector in
16 general. Thank you.

17 CHAIRMAN STEEN: Thank you so much.

18 (Applause.)

19 CHAIRMAN STEEN: Now, Mr. Diego, it's your
20 turn at the mic; and I'd like to call forward Terry
21 Burns.

22 MR. F. DIEGO: It's an hour till my
23 bedtime, so I apologize if I jumped the gun there. I am
24 here this evening to speak on behalf of the Real Estate
25 Council of San Antonio. I had the honor to have served

1 on the Mayor's utility task force and I currently chair
2 the RECSA and the CPS bimonthly meetings.

3 With that being said, I have had the
4 opportunity to work with CPS representatives hand in
5 hand, really, in the trenches through these meetings
6 towards -- towards, you know, trying to find solutions
7 to the issues we commonly face with -- with our city's
8 growth. I can say that working with the CPS
9 representatives our city's energy company is in great
10 hands.

11 Technology is rapidly changing our lives,
12 the -- the way we do things, and renewable energy was --
13 was, maybe, ten years ago something that we just thought
14 of as too expensive and -- and just kind of way out of
15 our reach. Well, it's now here. We see solar panels on
16 a bunch of our roofs, we see wind turbines all over
17 the -- the -- the highways, and -- and, for that reason,
18 I commend CPS for being proactive and -- and moving
19 forward in developing a Flexible Path.

20 With that being said, on behalf of Real
21 Estate Council of San Antonio we are in full support of
22 CPS Flexible Path.

23 CHAIRMAN STEEN: Thank you, Mr. Diego.

24 (Applause.)

25 CHAIRMAN STEEN: Call to the mic Klaus

1 Weiswurm; and call forward Greg Harman.

2 MR. K. WEISWURM: Good evening, Chairman
3 Steen, and other Council members. Paula, I'd like to
4 thank you on simplifying your message; it's very clear
5 and thankfully understandable.

6 CPS Energy has a long history of working
7 with the community, business leaders, community
8 activists and customers. The discussion on the Flexible
9 Path is no different and we commend the Board and the
10 leadership team in hosting a public input session as
11 this. San Antonio and the greater region is growing
12 every day. New residents and businesses are coming to
13 this region in record numbers and it's important that
14 CPS Energy plans accordingly, as they do, to meet the
15 energy and gas needed to power the future of San Antonio
16 for the generations coming.

17 Recently, we learned that CPS Energy is
18 posed to support the electrical demands of Texas this
19 summer and that is because thoughtful and measured
20 approach to planning the generational assets that we
21 have and the power plants that are currently in place.
22 CPS will be here to support ERCOT. I don't think the
23 corollary applies.

24 CPS Energy's smart grid has allowed for
25 the opportunity for other energy savings to its

1 customers. They are not pioneers but, rather, allow for
2 the technology to be mature and mitigate risks to its
3 customers, thereby, again, reducing costs. At a current
4 98 percent deployment of the smart meters customers will
5 see benefits of this deployment and, because the company
6 and the Board's measured approach, those customers that
7 utilize the benefits of the smart meters are able to
8 monitor and lower their own energy costs. CPS has
9 empowered us all.

10 As with the flexible plan, the best
11 available option that makes sense for customer needs
12 takes into mind the impact of the environment, keeps
13 costs low as possible, which is key for our most
14 economically disadvantage, and, most importantly, keeps
15 the lights on and our businesses operational. Stay the
16 course. Let that technology unfold and be open-minded
17 to what the next fleet of traditional generation looks
18 like, inclusive of more solar, wind, scalable battery
19 storage and whatever else can be conceived as technology
20 will continue to advance.

21 It amazes me that we live in one of the
22 fastest growing cities in America and yet have been able
23 to reduce our production as well as our emissions during
24 this time. Please keep up the good work and remember
25 that a Flexible Path keeps open all of our options.

1 Thank you.

2 (Applause.)

3 CHAIRMAN STEEN: Thank you, sir.

4 Mr. Weiswurm, thank you so much for all of the volunteer
5 work you do with the Citizens Advisory Council. We
6 appreciate it very much.

7 So I want to call forward Terry Burns to
8 the mic; and -- and call forward Kevin Lauckner.

9 DR. T. BURNS: Good evening. My name is
10 Terry Burns -- Dr. Terry Burns. I am a pathologist with
11 a long interest in environmental lung disease and I am
12 also the Chair of the Alamo Sierra Club.

13 I very much appreciate the opportunity
14 to -- to speak, especially to the Board. I have a --
15 and the -- I hope in the future the Citizens Advisory
16 panel will be open to input, as well, and I really would
17 welcome the opportunity to meet more with all of the
18 Board members and appreciate the -- your service to the
19 community.

20 I thank CPS for its long collaboration
21 with environmental stakeholders and its previous support
22 for renewable energy. However, basically, with Spruce 2
23 you weren't being very flexible when you invested in
24 what we should probably recognize as an Edsel or maybe a
25 Corvair in 2010. You are now stuck with a stranded

1 asset of a billion dollars that you want to pay for over
2 the next 30 years, and, as we heard earlier, would you
3 put your family in a Corvair right now? Hopefully not.

4 This is unsafe at any speed and it's time
5 to, as quickly as possible, shut down Spruce -- both of
6 them, as well as the -- the natural gas plants because
7 of this extreme climate change situation we have now
8 entered in thanks to Lamar Smith and other successful
9 fossil fuel lobbyists.

10 I'd really like to mention your rate
11 structure, which is a real problem, because right now
12 you're focused on selling energy to make a profit. And,
13 of course, keeping energy rates low is good for all of
14 this business development everybody likes, but you have
15 to uncouple these rates so that you can have more
16 encouragement for conservation, energy efficiency.
17 These are the things for the future we need much more
18 of. Even more than more renewable energy we need more
19 energy conservation and energy efficiency and we need to
20 uncouple this rate structure. It's extremely important.

21 Right now, last year, American Council for
22 Energy Efficiency Economy ranked CPS in the bottom 10 of
23 15 -- of 51 major utilities for energy efficiency. We
24 can do much, much better, please. Thank you.

25 CHAIRMAN STEEN: Thank you, Dr. Burns.

1 (Applause.)

2 CHAIRMAN STEEN: Call forward Greg Harman,
3 and -- to the mic.

4 MR. G. HARMAN: I think I've got Drew
5 O'Bryan's two minutes.

6 CHAIRMAN STEEN: Yes, sir.

7 MR. G. HARMAN: Is that correct?

8 CHAIRMAN STEEN: Thank you for reminding
9 me. So you've got four minutes because you've been
10 ceded time by Drew O'Bryan.

11 MR. G. HARMAN: Okay. Thank you very
12 much.

13 CHAIRMAN STEEN: And before you start, I
14 need Dana Spottswood to come forward.

15 Go ahead.

16 MR. G. HARMAN: Okay. Thank you.

17 I want to start just with a -- kind of a
18 side note. There was a comment made earlier tonight
19 that we're all on the same side when it comes to climate
20 and, I think, that's not actually the case. I think
21 that there is -- there is the -- there is the realist's
22 severe analysis that's in line with science and then
23 there is the -- the comforting side for doing what we
24 can and within the limits of practicality, and I -- and
25 I want to speak to that a little bit about setting a

1 goal as a Board and then making it work.

2 You know, the -- the moon launch was
3 Sputnik, it was JFK, we're there on a day and make it
4 work. And I would love to see maybe a decision at the
5 Board level or at the Council level, the Mayor step up
6 and just say, We're getting there, because I think
7 there's a lot to that when it comes to we decide that
8 this is our future and the future we want to live in.

9 But, for myself, I wanted to comment just
10 to y'all as individuals, you know, that I remember, you
11 know, growing up, you know, I'd play in these, you know,
12 wastewater canals -- or whatever they were, you know --
13 and it was like -- it was like a great adventure. You
14 know, your -- it's your own little forest. You don't
15 know what you're running in. You're not asking too many
16 questions, and -- and you're not aware -- you haven't
17 grown up to distrust nature or policy makers. You don't
18 know what they are, you know, who are the people that
19 have kind of control over your environment.

20 But after, for me, my daughter was born I
21 began to ask -- ask a lot more questions. I kind of
22 understood that dirty water and bad air had a direct
23 consequence for her. As a journalist of 15 plus years,
24 I've met many, many people who had direct, negative
25 interaction with -- with industrial pollution. People

1 who were displaced, sick people, poisoned water, cancers
2 that no one could ever seem to find a causation to
3 attribute.

4 But while well-intentioned and meeting its
5 charge for reliable and affordable energy, as y'all have
6 rightly been praised for as a utility today, we've also
7 unwittingly fallen into the same pattern of poisoning
8 the ones that we serve. The -- the unintended
9 consequences of shifting to coal, you know, 40-50 years
10 ago had -- has been disastrous for the public health.
11 And now we know even more.

12 And, you know, I'm not here to convince
13 you all of the urgency of climate -- accelerated climate
14 violence because I know as representatives of this
15 utility, as those who are responsible for half of all of
16 the greenhouse gases that are released in the greater
17 San Antonio, that y'all are well versed on this, that
18 you've done your due diligence and you know where we
19 are. But I am urging us to move past the Flexible Path
20 and act like we do understand that we're in an extreme
21 hazard and an extreme point of risk.

22 As certain as we are that smoking causes
23 cancer, we know that burning fossil fuels has radically
24 damaged the planet's life support system, and we know
25 who will be bearing the cost of that reality and it is

1 the poorest among us. And so I -- I am asking y'all to
2 meditate upon this when you go home: In the course of
3 your work around the house, that the damages we're
4 talking about -- we've talked a lot about San Antonio,
5 that our utility is responsive to San Antonio, the needs
6 of San Antonio, but our impact is global.

7 The 10 million metric tons of greenhouse
8 gases pumped out every year -- well, we're going to
9 subtract Deely, it's 2.7 of that -- that's not only
10 hurting people here and driving -- warming the Gulf
11 driving bigger hurricanes, extended droughts, all the
12 rest, but it's hurting people.

13 The farmers in the Valley, campesinos in
14 Mexico and Central America, it -- it -- it is playing
15 into the blahs, the -- the crops in Syria that led to
16 more people going to the cities and finding no
17 opportunity and -- and this -- this -- this cycle that
18 goes on and on.

19 So I just ask that y'all look at that and
20 think about your obligations beyond just San Antonio,
21 beyond your family, because our family is global and --
22 and our response needs to be. And there are
23 opportunities, if we take them, to be a visionary
24 utility to make this city one that serves the entire
25 world. Believe me, people will come not to fill out and

1 demand more of 3,000 square foot homes and -- and higher
2 utilities, but they'll come to serve.

3 And as Climate Action SA, the Sierra Club,
4 myself, individually, will be there with you. We've
5 been here a long time. I know you've heard from us
6 many, many times before. We're not going anywhere.
7 Thank you for your service and consideration.

8 (Applause.)

9 CHAIRMAN STEEN: Yes, sir. Thank you.

10 Call to the mic Kevin Lauckner; and call
11 forward Gail Gallegos.

12 MR. K. LAUCKNER: Good evening. Thank you
13 for the opportunity, Mr. Chairman and Board, to speak
14 with you this evening. My name is Kevin Lauckner. I'm
15 vice president with Franklin Energy.

16 Franklin provides grid optimization
17 programs that leverage next generation energy
18 efficiency, demand response in this community's energy
19 resource programs. We have experience nationally with
20 over 150 utilities. Currently, we work in partnership
21 with CPS Energy as part of their "Save Now" energy
22 efficiency program in Casa Verde under the umbrella of
23 STEP.

24 With CPS Energy we have enjoyed our
25 business relationship since mid 2016. Our partnership

1 with CPS Energy has allowed us to jointly create
2 significant value and lasting impacts in all of the
3 communities served by CPS Energy delivering real energy
4 savings to thousands of San Antonians which is good for
5 the environment and saves money.

6 With an office located in San Antonio, we
7 are also contributing to local economic development.
8 With over 30 employees, not including engagement of
9 local trade athletics, contractors and retailers, the
10 programs create a real positive impact environmentally
11 but, also, particularly to low-income participants who
12 we receive hundreds of positive responses from them.
13 Our programs include home energy assessments, school
14 education kit programs, weatherization to give qualified
15 families rebates, new construction and retail programs.

16 In the last two years we have installed
17 energy saving measures in nearly 27,000 single and
18 multifamily homes, such as the gentleman earlier,
19 weatherized 6,500 income-qualified homes, provided
20 education and material to kids to over 26,000 students
21 and their families, and processed over 15,000 rebates
22 for energy saving equipment. These programs have
23 contributed to helping CPS Energy and the community save
24 approximately 60-megawatts in the last two years as part
25 of STEP.

1 In San Antonio we see lots of energy
2 efficiency opportunity. We're excited about its role in
3 a cleaner, flexible and affordable future for San
4 Antonians and we support the plan that's been presented.
5 Thank you for the opportunity to speak tonight and the
6 opportunity to partner with CPS Energy.

7 (Applause.)

8 CHAIRMAN STEEN: Thank you, sir.

9 Call to the mic Dana Spottswood; and call
10 for Roman Sarkoplas.

11 MS. D. SPOTTSWOOD: Good evening. I'm
12 Dana Spottswood and I am speaking to you this evening as
13 a parent and somebody who volunteers with children who
14 wants to do right by that generation and generations yet
15 to come.

16 We learned during the Paris climate talks
17 about the consensus that scientists hold that we need to
18 keep 80 percent of known fossil fuel reserves in the
19 ground in order to avert catastrophic increases in our
20 global average temperature. I would echo the plea
21 others have made this evening to adopt more ambitious
22 goals of closing all coal-fired plants by 2025 and going
23 completely fossil free by 2030.

24 I have a question about the electricity
25 program. When I moved here ten years ago I voluntarily

1 signed up for a program where we pay a small surcharge
2 every month to ensure that our household energy uses are
3 offset to -- from non-renewables to wind, and we got
4 this really cool sign that we proudly displayed in our
5 front yard and a few years ago it disappeared. And when
6 I called CPS to get a new one, some of the employees I
7 spoke with didn't even know about the program. Others
8 said that they would take care of it, and we never heard
9 anything back, never got any sign. So I'm just
10 wondering if that program still exists and, if it does,
11 why are you not doing more to promote it, not just among
12 homeowners but the businesses, so that we can support
13 businesses who support renewable energy.

14 Lastly, I had an idea that I learned about
15 from Ft. Stockton, which is the creation of a renewable
16 energy park where people, and especially children, can
17 come and see up close wind turbines and photovoltaic
18 panels and learn about the futures that they can have
19 as -- as with careers and renewable energy.

20 I -- I saw on your website that you're
21 listing coal as both abundant and affordable. I would
22 not deny that it's abundant. But when hear about all of
23 the public health impacts that we've heard about tonight
24 I don't think that anyone can say that it is affordable.
25 Thank you.

1 (Applause.)

2 CHAIRMAN STEEN: Okay. Ms. Spottswood,
3 you asked a question. And just to remind everybody the
4 purpose of this meeting is to -- is to -- is to get
5 comments and listen and receive feedback, but we'll work
6 with management to post a response to your question and,
7 also, common themes from today's input session on the
8 Flexible Path website as soon as we can. So look for it
9 there in answer to your question.

10 MS. D. SPOTTSWOOD: Thank you very much.

11 CHAIRMAN STEEN: Yes, ma'am.

12 So I'll call to the mic Gail Gallegos; and
13 call forward Matthew Romero.

14 Ms. Gold-Williams, are you taking off?

15 MS. GOLD-WILLIAMS: I have to go do
16 Facebook live.

17 CHAIRMAN STEEN: Okay. Remind everybody
18 again about -- about that, if you don't mind, so --

19 MS. GOLD-WILLIAMS: So I regret leaving.
20 Very, very good comments. Very much appreciate the
21 interest in the topic.

22 As we reported earlier, the Mayor had --
23 he had another session that he had to do that was in
24 conflict. He felt very good about the fact that we were
25 going to be taking notes and following up. He's stopped

1 and he and I will start at nine o'clock on Facebook a
2 live discussion where we can, again, have more people
3 hear about the -- the things that we're trying to do and
4 have another mechanism to get some input. So we are
5 going to try as many things as possible to do that. And
6 the Mayor will -- will ask the public more questions in
7 that session and we'll combine that input into what we
8 have.

9 CHAIRMAN STEEN: Thank you very much.

10 (Applause.)

11 CHAIRMAN STEEN: Thank you.

12 MS. G. GALLEGOS: I am Gail Gallegos. I
13 am the executive director for Green Spaces Alliance.
14 Green Spaces Alliance is a small San Antonio-based,
15 informed, local nonprofit with a mission to sustain the
16 natural environment and enhance urban green spaces
17 through land conservation, community engagement and
18 education.

19 As you have heard from all of the speakers
20 tonight, whether positive or adding their suggestions,
21 we all want good changes to happen; but change is never
22 as fast as we want. I know. I run a small
23 environmental nonprofit in Texas. But I have seen
24 firsthand CPS Energy's commitment to the environment and
25 to our community.

1 Through the eight years of their
2 partnering with Green Spaces Alliance they have helped
3 facilitate more than 4,000 children to connect with
4 nature and their natural environment through our Picture
5 Your World youth photography program.

6 The Flexible Path that they have proposed
7 acknowledges that every opportunity for new technology
8 and faster paths to eliminate coal CPS Energy will take
9 those paths. It is reasonable, reliable and cost
10 effective. Green Spaces commends CPS Energy on the
11 progress they have made in being No. 1 in solar and
12 No. 1 in wind. So they're the best. But you've heard
13 your community wants you to go faster. Green Spaces has
14 all of the faith that CPS Energy will move as quickly as
15 possible, as fiscally possible towards a sustainable San
16 Antonio.

17 I have listened to different
18 representatives, including Ms. Paula and many others
19 from CPS Energy, and I believe in their commitment to
20 this community and commitment to a clean sustainable San
21 Antonio. I know that the Flexible Path is the -- is a
22 choice that they have made that they will make the most
23 sustainable path forward as technology, as new paths are
24 revealed. Green Spaces stands in support of CPS
25 Energy's Flexible Path, the right direction, the right

1 path. We are there to help them find their ways. We
2 want to be a partner with it and we believe in their
3 commitment to the environment. Thank you.

4 (Applause.)

5 CHAIRMAN STEEN: Thank you so much.

6 So I want to call to the mic Roman
7 Sarkoplas. Roman Sarkoplas? Is he here?

8 So next up is Matthew Romero; and then our
9 last speaker is Marina Salazar, if she'll come forward.

10 MR. M. ROMERO: Well, thank you,
11 everybody. I almost got to close it out for the
12 evening.

13 CHAIRMAN STEEN: Well, you might. Is --
14 is Marina Salazar here?

15 All right. You are closing it out.

16 MR. M. ROMERO: Okay. What an honor. And
17 I thank you all for having us here this evening, and,
18 you know, we really appreciate the community, and you
19 really have a great informed community here and it's
20 great to see the engagement.

21 My name is Matthew Ramiro and I'm a senior
22 director for Clear Result. It's our mandate to assist
23 utilities in transitioning to the utility of the future
24 and we're so pleased to be partnered with CPS in that
25 effort.

1 In our experience, the lowest cost
2 kilowatt is the one that doesn't need to be generated
3 and through conservation and the installation of
4 higher-performing or more efficient equipment pumping up
5 from the customer. It's been a privilege for Clear
6 Result for the last two years to be partnered directly
7 with CPS Energy in bringing market transformative energy
8 efficiency programs, many response programs to
9 commercial, industrial, institutional and residential
10 customers.

11 Through these programs we have helped to
12 defer the use of over 100 million kilowatt hours that
13 has resulted in direct on bill lasting annual energy --
14 or annual savings over \$10 million to your customers,
15 which is an impressive amount.

16 We also heard from Ms. Gold-Williams
17 earlier that since the inception of these programs in
18 2017 the direct impact has been the avoided construction
19 of another coal plant. And, you know, energy efficiency
20 is one small piece of the puzzle but we believe it's a
21 very important one.

22 And through these programs over 2,000
23 commercial customers, including your public school
24 districts, your municipalities, your military customers,
25 your healthcare, and over 600 small business customers

1 that you have, have participated. And it's a great
2 privilege for us to -- to play this small role in
3 helping CPS Energy pursue the Flexible Path forward and
4 we support it wholeheartedly. Thank you.

5 CHAIRMAN STEEN: Thank you so much.

6 (Applause.)

7 CHAIRMAN STEEN: Are there anymore
8 registered speakers? I think we've gone -- gone through
9 all of the cards.

10 MS. M. WARREN: I'm here.

11 CHAIRMAN STEEN: Yes, ma'am?

12 MS. M. WARREN: Mobi Warren.

13 CHAIRMAN STEEN: Did -- did you -- did you
14 sign up?

15 MS. M. WARREN: Yes.

16 CHAIRMAN STEEN: You did?

17 Well, come forward.

18 MS. M. WARREN: I'll be brief because I
19 think many comments have already been made that I would
20 simply echo. But I am representing the group called
21 Stone in the Stream, Rocas en el Rio. We're a group of
22 environmentally-concerned writers and artists. We
23 organized ourselves about two years ago simply because
24 we're concerned about the issue of climate change and
25 how it impacts San Antonio and, indeed, the global

1 environment.

2 I was an early participant of windtricity.
3 We have a very shady lot, was never able to put solar
4 panels on my house, but was really thrilled when CPS did
5 the community solar, so I was able to buy some solar
6 panels. So I also very much appreciate much of the
7 vision that CPS has shown in terms of trying to move
8 towards renewables. I am, however, disappointed in the
9 Flexible Path, as it stands currently, because I don't
10 feel that it's ambitious enough.

11 I understand that it will go faster as
12 better technologies appear, but I think you have to
13 create a vision that galvanizes and moves you forward
14 faster. Like Greg Harman mentioned the, you know,
15 mission to go to the moon. I think we need something
16 like that given the realities of climate change. If CPS
17 can be bolder and more visionary and set a goal that we
18 will use only renewables by 2030, we will end coal by
19 2025, that sets an energy emotion that then moves us
20 forward more quickly. So I really encourage CPS to be
21 more bold. Thank you.

22 (Applause.)

23 CHAIRMAN STEEN: I think that's our last
24 speaker. Right?

25 All right. I would -- I would like to

1 express the Board's sincere appreciation to everyone who
2 took time to share comments with us this evening. We
3 realize that we manage your community's assets and, in
4 doing so, feedback from you is vital to the success of
5 our organization and our community's future.

6 Members of the Board, if there are no
7 more -- if there is no more business for today, do I
8 have a motion to adjourn?

9 VICE CHAIR GUEVARA: So moved.

10 CHAIRMAN STEEN: So the motion is -- to
11 adjourn has been made by Dr. Guevara.

12 TRUSTEE KELLEY: Second.

13 CHAIRMAN STEEN: Second by Mr. Kelley.

14 Any discussion?

15 All in favor say Aye.

16 (Aye.)

17 CHAIRMAN STEEN: Any opposed?

18 The meeting is adjourned and the time is

19 8:26.

20 (Applause.)

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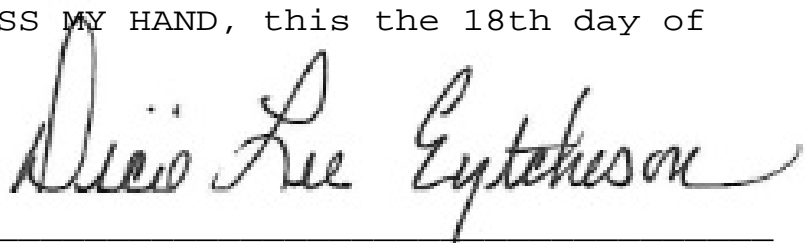
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